

MEETING OF THE BOARD OF TRUSTEES

—OF THE—

UNIVERSITY OF ILLINOIS

July 17, 1918

A special meeting of the Board of Trustees of the University of Illinois was held at the Edgewater Beach Hotel, in Chicago, at 12 o'clock noon on Wednesday, July 17, 1918, pursuant to the following notice which was sent out by the Secretary on July 8, 1918.

On the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Edgewater Beach Hotel, in Chicago, at 12 o'clock noon on Wednesday, July 17, 1918, to consider matters submitted by the President of the University and the Committees of the Board, and such other matters as may be duly submitted.

When the Board convened, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Taggart, Mr. Trimble, Mr. Ward, Miss Watson.

President James was present.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of June 1, 1918, and June 11, 1918. On motion of Miss Watson, the minutes were approved as printed above on pages 735 to 808 and 809 to 832, respectively.

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LETTER FROM MR. R. T. LINCOLN

The Secretary presented the following letter from Mr. Robert T. Lincoln.

MANCHESTER, VERMONT, July 6, 1918.

H. E. Cunningham, Esq., Secretary, University of Illinois

MY DEAR SIR:

Your letter of the 15th of June and the accompanying copy of the tribute to my father, "Abraham Lincoln Today," came to me at a time when I was engaged under difficult circumstances in removing my belongings from Washington to this place, and my acknowledgment of it has been delayed with many other matters. I thank you very much for your kindness. I have read the little book with very great interest and pleasure as a very unusual indication of the regard in which my father's memory is held so many years after his death. I am particularly grateful for the address of President James, which has affected me deeply.

It is a great pleasure to preserve this memorial in my library.

Believe me very sincerely yours,

ROBERT T. LINCOLN

On motion of Mr. Blair, this letter was received for record.

MATTERS SUBMITTED BY THE PRESIDENT OF THE UNIVERSITY

The Board proceeded to the consideration of the following matters submitted by President James:

CHANGES IN LABORATORY FEES

(1) A recommendation from the Council of Administration, on request of Dean Richards, that the laboratory fees in courses given in the College of Engineering be changed as follows:

		<i>Present Fee</i>	<i>Recommendation</i>
Ceramic Engineering	19.....	\$5.00	Omit
Civil Engineering	33.....	.75	"
" "	34.....	.75	"
" "	35 (new).....		.75
Electrical Engineering	61.....	3.00	1.00
" "	62.....	3.00	1.00
" "	64.....	3.00	1.00
" "	68.....	3.00	1.00
" "	75.....	4.00	2.00
" "	76.....	4.00	2.00
" "	85.....	4.00	2.00
" "	86.....	4.00	2.00

On motion of Mr. Carr these changes were authorized.

SCHOLARSHIPS IN CERAMICS

(2) The following statement: The Board of Trustees established some years ago one hundred and two free scholarships in the University, one

for each county in the State, to be assigned by the University on the nomination of the Illinois Clay Workers Association. At first, the regulations concerning these scholarships permitted a scholarship in any county, which was not claimed by a resident of that county, to be assigned to some other county. Later, the regulations were changed, limiting the scholarship in each county to residents in that county. I recommend that during the period of the war the President of the University be authorized to assign the full number of scholarships, if asked for by persons properly qualified, irrespective of county residence.

On motion of Mr. Carr this recommendation was approved.

COOPERATIVE WORK IN HEATING AND VENTILATION

(3) A letter and proposed contract from Dean C. R. Richards concerning articles of agreement between the National Warm Air Heating and Ventilating Association and the University of Illinois.

July 17, 1918

President Edmund J. James, University of Illinois

MY DEAR PRESIDENT JAMES:

I am transmitting herewith a proposed contract between the National Warm Air Heating and Ventilating Association and the Board of Trustees of the University of Illinois for a cooperative investigation of warm-air furnaces and furnace heating systems to be undertaken by the Engineering Experiment Station of the University of Illinois. If you approve this contract, I shall be glad if you will present the matter to the Board of Trustees at an early meeting. I trust that the Board may be willing to authorize the contract for this important investigation.

A number of years ago the Engineering Experiment Station undertook an investigation of house-heating equipment, and a considerable amount of work was done in connection with house-heating boilers. The results of this early investigation were published in 1909 in Bulletin No. 31. Later additional tests on steam and hot-water boilers for house heating were conducted, and some effort was made to extend the investigation to include work with warm-air furnaces. These latter investigations were far from complete, and the data secured were considered of insufficient value to justify their publication. Since that time the Station has long desired to inaugurate an extensive program of investigations in this field, but the large expense connected therewith has deterred us from undertaking any actual work.

With the reconstruction of the Mechanical Engineering Laboratory it has been possible to provide a plant for the testing of warm-air furnaces, designed under the general direction of Professor A. C. Willard, Professor of Heating and Ventilation in the Department of Mechanical Engineering. Through the efforts of Professor Willard, the National Warm Air Heating and Ventilating Association has become interested in a scientific study of the problems connected with the design, rating and performance of warm-air

furnaces and warm-air heating installations. This Association is a commercial organization representing all or practically all of the manufacturers of warm-air furnaces in this country. It is a large and powerful organization, which up to the present time has been more interested in the commercial problems connected with the business than with the scientific problems involved. At our invitation a committee of this Association recently visited the University and witnessed a test of a warm-air furnace in the furnace testing plant which I have already mentioned. As a result of this visit and of the interest of the committee in the possibilities for scientific study of warm-air furnaces, the committee recommended to the Association that the contract here presented be approved, with the understanding that the Association will spend not to exceed \$8,000.00 for the initial period of one year. This recommendation was unanimously approved at the convention of the Association held in Milwaukee on June 12, 1918. If the proposed contract meets the approval of the Board of Trustees, the formal agreement can be entered into between the University and the Association.

There is almost no existing scientific data available in this important field of heating. It seems to me, therefore, that this cooperative agreement is a most important one and that the results secured may have a far-reaching effect in shaping the design and in increasing our knowledge of the installation and operation of such apparatus. From the size of the fund which the Association is willing to furnish the University, this is the most important cooperative investigation which the Engineering Experiment Station has ever undertaken.

Trusting that you may approve this contract, I am,

Very cordially yours,

C. R. RICHARDS

ARTICLES OF AGREEMENT

ARTICLES OF AGREEMENT between the National Warm Air Heating and Ventilating Association and the Board of Trustees of the University of Illinois for cooperative investigation of Warm Air Furnaces and Furnace Heating Systems, by the Engineering Experiment Station of the University of Illinois, under the following terms and conditions:

I. This agreement is executed for a period of one year beginning October 1, 1918, with the understanding that it may be extended for additional similar periods under the same or such other terms as may be mutually agreed upon.

II. The Engineering Experiment Station will supervise and direct all testing work and the computation of all results obtained; it will furnish the furnace testing plant now installed in the Mechanical Engineering Laboratory, together with all testing instruments necessary in the investigation. Should important changes in or additions to the present testing plant become necessary, it is agreed that the cost thereof shall be charged against the fund provided by the National Warm Air Heating and Ventilating Association for the general investigation as hereinafter provided.

III. An advisory committee of the National Warm Air Heating and Ventilating Association shall be appointed to consult with the Officers of the Engineering Experiment Station concerning the conduct of the investigation and the general testing program to be undertaken. When a general program of tests has been agreed upon, the conduct of the tests shall be entirely under the control of the Engineering Experiment Station, which is necessarily responsible for the results secured.

IV. All of the original test data and the computations and results of the investigation are to be the property of the Engineering Experiment Station and they are to be kept on file at the University of Illinois. Furthermore, it is understood and agreed that the Engineering Experiment Station shall have the exclusive right to publish the results of the tests and investigations conducted under this agreement, and no publicity to any of the tests shall be given prior to the publication of the results by the Engineering Experiment Station.

V. The advisory committee or other authorized representative of the National Warm Air Heating and Ventilating Association shall at all times have access to the data secured and the computed results, and one copy thereof shall be furnished the Secretary of the National Warm Air Heating and Ventilating Association, subject, however, to the conditions named in Article IV. The Engineering Experiment Station will submit a semi-annual report on the work in progress, in addition to the data and results, to the National Warm Air Heating and Ventilating Association.

VI. Not less than two full-time testing assistants and one half-time assistant will be needed to conduct the investigation herein contemplated. The salaries of these assistants and of any other later found necessary are to be paid from the funds provided by the National Warm Air Heating and Ventilating Association. These assistants are to be considered members of the staff of the Engineering Experiment Station during their connection therewith.

VII. All furnaces tested are to be furnished and erected at the testing plant without expense to the Engineering Experiment Station. All expenses connected with the preparation of the furnaces for testing and any other expense connected with these tests, not otherwise provided for, shall be paid from the funds furnished by the National Warm Air Heating and Ventilating Association.

VIII. On or before October 1, 1918, the National Warm Air Heating and Ventilating Association will pay to the Board of Trustees of the University of Illinois an initial sum of two thousand dollars (\$2000.00) and thereafter it shall maintain in this special fund for furnace testing a balance of not less than five hundred dollars (\$500.00) to be administered by the Comptroller of the University and paid out by him on vouchers approved by the Director of the Engineering Experiment Station. It is further agreed that the total amount of the fund expended by the National Warm Air Heating and Ventilating Association shall not exceed eight thousand dollars (\$8000.00) for the first year of this agreement. At the termination of this agreement or at any time on the request of the Association, the Comptroller

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shall render an accounting to the National Warm Air Heating and Ventilating Association and he shall return to the Association any unexpended balance which may remain in this fund at the termination of this agreement.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS, BY

Witnesses

Comptroller

*Secretary, National Warm Air Heating
and Ventilating Association*

On motion of Mr. Blair, the President of the University was authorized to approve this contract.

RULES, C. P. A. EXAMINATIONS

(4) An amendment of rules governing the conduct of the examinations for Certified Public Accountants.

June 17, 1918

Dr. Edmund J. James, President

DEAR MR. PRESIDENT:

The University Committee on Accountancy has voted to recommend to you the amendment of two of the rules adopted by the Board of Trustees to govern the conduct of the C. P. A. examinations. These two rules, Nos. 24 and 28, read at present as follows:

24. The examination shall take place as often as may be deemed necessary in the judgment of the University Committee, but not less frequently than once each year. The annual examination shall be held on the fourth Tuesday in May.

28. Examinations shall be written in books supplied by the University to the Board of Examiners as provided for by action of the Board of Trustees in December 1901 (describing the books to be used in all University examinations.)

The Committee recommends that the second sentence of Rule 24 be amended to read:

The annual examination shall be held on the *third* Tuesday in May.

The object of this change is to get these examinations out of the way a little farther in advance of the Commencement rush and also to avoid recurring conflicts with Memorial Day.

The Committee recommends the following new wording for Rule 28:

28. Examinations shall be written on paper supplied by the University.

It has been found that the regular examination books referred to in Rule 28 are far from suitable for most parts of the C. P. A. examination, for which ruled paper and large analysis sheets should be supplied.

Sincerely yours,

C. M. McCONN

Secretary of the Committee

On motion of Mr. Hoit, these amendments were approved.

DUPONT DE NEMOURS FELLOWSHIP IN CHEMISTRY

(5) The following correspondence:

June 3, 1918

Dr. W. A. Noyes, Professor of Chemistry, University of Illinois

DEAR SIR:

OUR FILE RW-2300-3

The E. I. DuPont de Nemours & Company has recently appropriated a sum of money to create fellowships and scholarships at leading universities and colleges for the purpose of encouraging advanced students to continue the study of chemistry. The placing of these scholarships and fellowships has been put in my hands and I take pleasure in advising you that we offer the University of Illinois a fellowship of \$750 for the scholastic year 1918-19. The only conditions we make are that the fellowship is to be known as a "DuPont Fellowship" and is to be granted by the university authorities to a graduate student whose major subject is chemistry.

As a matter of interest we would like to be advised of the name of the appointee and in addition we would like to have a report twice per annum of the progress made.

While the present offer covers one year only, it is our hope that we will be able to repeat the offer from year to year.

I will ask that you kindly advise me promptly whether the university accepts this offer under the conditions stated and if so, how the check should be made out.

Sincerely yours,

CHAS. L. REESE

Chemical Director

June 22, 1918

Dr. Charles L. Reese, Chemical Director, Wilmington, Delaware

MY DEAR SIR:

Professor Noyes has turned over to me your communication of June 3rd, offering to the University of Illinois the sum of seven hundred and fifty dollars (\$750) for the scholastic year 1918-1919 to establish a fellowship in Chemistry for that year, to be known as the DuPont Fellowship.

I am sure that the Board of Trustees at its next meeting will accept this fellowship with great pleasure and with an expression of gratitude to the Company. Professor Noyes is mistaken in regard to one matter. In establishing fellowships and prizes of this sort, the University expects the money to be in its Treasury at the time it establishes the fellowship. Our plan is to pay the fellows in ten or twelve monthly installments, more usually in ten, and the students spend the ten months in actual work in the laboratories. Would this be acceptable to you?

Faithfully yours,

EDMUND J. JAMES

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July 1, 1918

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

DEAR SIR:

Our File RW-2003-3

I am in receipt of your letter of June 22nd, in connection with the DuPont Scholarship offered to the University of Illinois, and in reply to your inquiry as to the distribution of this fund, would advise that the method you suggest will be perfectly satisfactory to us. It is our intention to forward to you, within the next few days, our check for \$750.00 and it is perfectly agreeable to us to have you dispose of it in the manner you consider most advisable.

Yours very truly,

WM. M. WHITTEN, JR.

Assistant Director

The Comptroller informs me under date of July 11th that he has received a check for \$750 from the E. I. DuPont de Nemours and Company, which he has credited to a trust fund for the use of the "DuPont Fellowship" in Chemistry.

On motion of Mrs. Evans this gift was accepted with an expression of cordial thanks for the generosity which inspires it.

EXHIBIT AT STATE FAIR

(6) A recommendation from Professor James M. White that the University prepare certain University films for exhibition at the Illinois State Fair in August of this year at a cost of about five hundred dollars. These films may be used subsequently in connection with exhibits at other places. The Illinois State Centennial Commission desires very much that the University participate in this way in a Centennial exhibit at the State Fair.

On motion of Mr. Carr, this recommendation was approved, by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Taggart, Mr. Trimble, Mr. Ward, Miss Watson; Noes, none; absent, Mr. Lowden, Mr. Trevett.

PAYROLL SCHEDULE

(7) The payroll schedule made effective July 1, 1918, in accordance with the authority given to Professor White by the Board to draw up and put into force a payroll schedule. While Professor White had the power to act, I request a formal approval of this payroll schedule by the Board.

PAYROLL RECOMMENDATIONS TO BE IN EFFECT JULY 1, 1918

	No. men July 1916	Min. rate 1916	Max. rate 1916	Average rate 1916	Present min. rate	Present max. rate	Average rate June 1918	Average per cent daily inc. since June 1916	Present hours per day	Days per month	Proposed min. rate	Proposed max. rate	Proposed aver. rate	Per cent inc. over present daily rate	Per cent inc. over 1916 daily rate
Power Plant	25	20	33	23.2	30	45	35.9	20.7	8	30	32	56	40.	10.8	35.5
Helpers	9	22 $\frac{1}{2}$	24	22.6	30	35	31.1	12.9	8	26	35	50	36.6	16.3	29.3
Truckmen	5	22 $\frac{1}{2}$	30	24.5	27	40	31.4	26.1	10	28	32	43	35.2	12.1	43.6
Janitors	56	17	23	21.7	25	32	28.7	33.3	10	27	30	35	32.7	13.9	50.7
Groundsmen	17	20	28 $\frac{1}{2}$	22.	27	32	28.1	28.6	10	26	33	37	33.	17.4	50.0
Police-Fire Dept. ..	8	21	31	23.1	28	39	32.6	25.1	8	30	37	40	37.5	8.0	28.8
Carpenters	15	32 $\frac{1}{2}$	42	39.1	40	50	48.1	11.0	8	26	50	62 $\frac{1}{2}$	54.8	9.7	23.0
Electricians	4	32	40	35.5	45	47 $\frac{1}{2}$	46.9	18.0	8	26	55	57 $\frac{1}{2}$	57 $\frac{1}{2}$	22.6	43.7
Plumbers	4	56 $\frac{1}{2}$	56 $\frac{1}{2}$	56 $\frac{1}{2}$	62 $\frac{1}{2}$	62 $\frac{1}{2}$	62 $\frac{1}{2}$	11.1	8	26	68 $\frac{1}{2}$	68 $\frac{1}{2}$	68 $\frac{1}{2}$	10.0	22.2
Painters	6	40	45	44.1	55	55	55	22.2	8	26	55	55	55		22.2

Average hourly rate excluding mechanics 35c.

Average hourly rate mechanics 57.8c.

Total average hourly rate 39.2c.

This total percentage applied to entire May payroll would be \$2403.00

NOTE:—Painters increased to 55c on April 1, which is the scale paid in town.

Power Plant, Helpers, Police-Fire Department, Carpenters, and Electricians put on an eight-hour basis since June, 1916.

Increase over pres. rate	13.5%	over 1916,	44.1%
Increase over pres. rate	13.1%	over 1916,	26.7%
Total average increase over pres. rate	13.3%	over 1916,	40.7%

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On motion of Mr. Carr, this schedule was approved, as of July 1, 1918.

SALARY BUDGET, SUPERVISING ARCHITECT'S OFFICE

(8) The salary schedule for the office of the Supervising Architect for the year beginning September 1, 1918. This list will be more or less adjustable, but as it is paid out of the lump appropriation for building operation, it will not otherwise appear in the budget proper.

<i>Name</i>	<i>Salary recommended</i>
Bevis, A. Superintendent Building Construction.....	\$ 1,716.00
Ewald, Raymond, Architectural Designer.....	2,400.00
Munson, Morris, Architectural Draftsman.....	1,500.00
Atkinson, C. E. Superintendent of Grounds.....	2,000.00
Bullard, C. W. Architectural Designer.....	1,800.00
Carothers, Cevilla, Stenographer	840.00
Haven, C. H., Foreman of steam-fitters.....	2,000.00
Henderson, T. O., Assistant Superintendent of Buildings.....	1,600.00
Lescher, F. M., Architectural Designer.....	1,560.00
Morrow, J. A., Superintendent of Buildings.....	2,400.00
Murphey, Ruthe, Clerk.....	900.00
Petry, C. A., Structural Engineer.....	2,400.00
Showers, T. J., Foreman of Carpenters.....	2,000.00
Stubbs, Sadie L., Stenographer.....	1,080.00
White, James M., Professor of Architectural Engineering and Supervising Architect	6,000.00
Total.....	\$30,196.00

On motion of Mr. Hoit, this schedule was approved, by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr Carr, Mrs. Evans, Mr. Hoit, Mr. Taggart, Mr. Trimble, Mr. Ward, Miss Watson; noes, none; absent, Mr. Lowden, Mr. Trevett.

REPORT, UNIVERSITY WOODLAND TRACT

(9) A report from the Advisory Committee on the University Woods, known as the Kerr Woods, recently purchased by the University.

June 25, 1918

DEAR MR. PRESIDENT:

Your Advisory Committee on the University Woods begs leave to report as follows:

So far as we have any knowledge the property has been protected adequately from grazing animals and similar menace; and teaming has not been allowed in it since the wood already corded on the ground when it was bought was removed by the owner. No serious trespassing seems to have been committed aside from the chopping into one hollow tree by hunters.

At the request of the Supervising Architect a few simple rules were suggested, and these have been printed on the back of the permit form now

in use,—of which a copy is appended. It is the opinion of the Committee that the minimum of formality should attend the use of the woods for observational purposes, and we have so advised the Supervising Architect. Few permit cards have been issued this year, and it is not likely that the number called for will be large because of the difficulty of reaching the woods, but the Committee believe that the collection of specimens should be entrusted only to few and responsible people and that proper permits should be exacted whenever material is taken or disturbed.

No improvements have been made, except for the installation of a Stile in place of the dilapidated gate giving entrance to the woods.

The Committee recommends that, under its direction, the large amount of brushwood which now constitutes a fire risk be removed as promptly as possible; but this should be done under proper direction, for dead standing or even fallen trees are valuable for the nesting of certain kinds of birds and the growth of fungi, mosses and other plants, and most of these, especially those that have begun to decay, ought to be preserved,—and protected against disturbance by students for the most part.

It is desirable to cut six-foot paths through the woods in various directions, and to keep them mown down through the season. People who visit the woods for pleasure and casual observation always follow paths when they can, and a labyrinthine system of paths here will do much to keep the vegetation from being trampled and broken down in aimless wandering.

We recommend that steps be taken at once for securing a large number of seeding or young shrubs for planting thickly about the borders of the woods. The selection should be made with reference to forming a thicket in which birds may nest, and from which they may derive food, especially, so far as this may be, in winter.

The woods should be enclosed by a suitable fence. The Supervising Architect has samples of adequate fencing. At some time it will prove possible to make a partly persistent pond by a small amount of excavation in one of the low places, where water now stands far into the spring. Even though not permanent, such a reservoir will permit many plants and animals not now found there to be collected, especially in spring and early summer.

As soon as the University acquired possession of the property Dr. McDougall began an ecological census of its vegetation. Thus far, more use has been made of the woods by him and his students than by any others, and certain of his classes meet there regularly when the weather permits. Except for occasional visits by instructors in the various biological departments and a field trip by a class now and then, little other use has been made of the woods this year.

As you know, the only way of reaching the woods is by means of one of the interurban lines, from which a long walk is necessary. The work done by Dr. McDougall has entailed a great deal of hardship, because of the need of carrying instruments back and forth; his classes have been able to use the woods only through meeting on Saturday,—a day relatively free; and it would have been entirely impossible for me to take my own students out

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without preventing their attendance in other classes except for the fact that one of them placed her car at our disposal.

The Committee believe that no considerable use of the woods as a field laboratory can be made until the University provides facilities for the transportation of classes to and from the woods without dependence upon the fixed schedule of the traction company and the great loss of time in walking.

We recommend that the University provide two cheap cars, fitted with long bodies with fore-and-aft seats, as carryalls. Each such car should accommodate a dozen persons. Cars of this kind, maintained ready for service by the Custodian's department, could be requisitioned with or without driver when needed, precisely as projection apparatus now is; and the small expense of the actual service could be recovered, if desired, in fees collected for the courses in which it was necessary. We believe that such a provision would result in distinctly increased efficiency in all of the branches of nature study.

Very respectfully,

WM. TRELEASE

F. SMITH

June 25, 1918

DEAR PRESIDENT JAMES:

The Advisory Committee on the University Woods believes that the twenty acres of woodland immediately adjoining what is now owned by the University ought to be saved from destruction if it can be bought at a reasonable price.

The value of what is now owned by the University will be permanently increased by maintaining the plantation in its full present size, for reduction of its area will influence injuriously, and in some respects possibly seriously, what remains. Though the tract is not large it is somewhat diversified in its flora, and the northern part, not now owned by the University, contains some elements that I have not seen in the woods bought last year, and its less hardy vegetation has suffered far less because it has not been so persistently used as a pasture. The ultimate provision of a half-pond will be possible only near the northern limits of what is now owned. If the remainder can be procured it will probably be extended north of the present boundary fence, for the lowest and wettest land lies there.

We are of the opinion that proper provision for the near future of nature study in the University dictates saving not only this but other remnants of the original vegetation of the State which lie where they may be reached for study or the collection of material, and that expenditures for this purpose will find further justification in the enhanced value of the land acquired. We feel, also, that in some form or other the State should save for the general public examples of these nature products, and that every year brings added dangers to all that remain under private ownership.

Very respectfully,

WM. TRELEASE

F. SMITH

No action was taken in this matter.

REPORT, COLLEGE OF LAW

(10) A report on the College of Law by Dean H. W. Ballantine.
To President Edmund J. James, University of Illinois

MY DEAR PRESIDENT JAMES:

At your request I beg to submit the following arguments in behalf of the College of Law to meet possible questions which might arise in view of the great reduction in our attendance. Some one might ask, Why is it worth while for the State to run a law school in war time? It is believed that a consideration of the following arguments will fully answer this question.

I. *PROSPECTS AS TO ATTENDANCE.* Prior to the war the attendance at the Law School had been declining from a high-water mark of 193 in 1909-10 to 106 in 1914; to 88 in 1915; and to 73 in 1916-17. Our gross attendance this year, counting students taking two or more law courses, totaled about 58. We lost about 21 of these during the first semester, and our enrollment in the second semester was 37. At the end of the second semester we gave examinations to about 30 students, mostly of the first-year class. The second-year class was reduced to one member.

The prospects are that we need expect no third-year students next year and need, therefore, offer no third-year courses. We have reason, however, to expect a fair attendance in the first and second year classes. About 70 students have been registered this year as pre-legals, and many others have been contemplating taking up the study of law who have not registered as pre-legals, as this is a voluntary matter. From personal inquiries made it is a conservative guess that we may expect an attendance of at least from 25 to 30 law students in the first-year class; and from 15 to 20 in the second-year class, with some additional college students taking two or more law courses. Our classes will be as large as those of many other departments.

This reduction in attendance is no greater proportionately than has occurred at other law schools, and our actual attendance is greater than at the state universities of West Virginia, Missouri, or Indiana.

II. *FACULTY IS ALREADY TEMPORARILY REDUCED.* We can carry the first and second-year work without the re-appointment of Professor Carpenter or a successor to him for next year. His salary of \$2750 will thus be saved. Professor Pomeroy will continue on leave of absence on half pay for the first semester and will return at the beginning of the second semester. Judge Harker is legal counsel and gives only part of his time to teaching. Professor Decker is acting librarian in addition to his teaching. The four full-time professors will have their time well occupied in giving the first and second-year courses. In addition we propose to offer two new non-professional courses, open to the student body generally; one of these is a one-hour course in Military Law, open to sophomores and upper classes. Another course is The Law of the Press, dealing with legal matters of importance to journalists. We have also undertaken to relieve the department of Political Science of the course in Jurisprudence during Professor Fairlie's absence. There will thus be ample teaching to keep the law faculty busy.

III. *THE BUDGET.* The budget requests for 1918-19 represent a reduction of \$1080 from the expenditures of 1917-18. The budget of 1917-18 itself represents a reduction of \$3,295 from the budget of 1916-17. If to the reduction of \$1,080 you add the \$500 request for special lectures and contingencies, which would not need to be used, we have a probable reduction of \$1580. This reduction is possible after making allowance for moderate increases in the salaries of Professors Hale, Green and Decker. These men fully deserve the moderate increases which are recommended and which will scarcely make up for the automatic decrease in salaries which has already resulted from the increased and the increasing cost of living.

In most of our sister law schools, like Chicago, Northwestern, Minnesota, Wisconsin, a salary standard of \$5,000 per year has now been established. At Wisconsin they have four men on that basis. Professor Vernier's salary at Stanford has now been raised to \$5,000, and he receives \$500 additional for teaching in their summer quarter. At Cornell the salary of Professor McCaskill has recently been raised to \$5,000. We surely ought to put men like Professors Hale and Green on a \$4,000 basis and raise Professor Decker to \$3750.

IV. *LEGAL RESEARCH AND CONTRIBUTIONS.* If there were no students at all in the law school, the maintenance of a good corps of legal investigators and writers would be well justified. One of the important functions of law teachers is to train lawyers who will be useful socially, as well as successful professionally. But law teachers are now being looked to for constructive work of the highest order. Courts and legislatures do not originate. They merely give form to what is worked out by others. It is the professor who can devote time to critical investigation and publication who is moulding the law of the future. It would indeed be a misfortune if the power of teachers of law to engage in research were to be curtailed at the very time when it is most needed and most available.

The importance of research along scientific lines is fully recognized; but this war has shown that agriculture, engineering, literature, science, and civilization itself, are not possible without law and order. No subject is, therefore, more vital and more worthy of study than the law. It is peculiarly a state function. The whole economic field, the relations of labor and capital, of producer and consumer, present a new province for law and order. The trained lawyer will be called upon to formulate into legal principles the demands of economic and industrial justice. Internal peace will only be possible by legal adjustments between the conflicting forces of labor and capital.

The various members of the law faculty are making valuable contributions to legal science. The establishment of the Illinois Law Bulletin is an important event in the legal history of this State. It is the first publication to undertake the scientific study and improvement of the local law of this State.

Professor Hale has contributed a valuable article on "The Account-Books of a Party to the Action as Evidence in His Own Favor," and has done invaluable and patient work as Editor-in-Chief of the Law Bulletin. During the past year Professor Hale has been president of the Illinois Society of Criminal Law and Criminology, and made an address as president of the society, which will become the basis of definite proposals of legislation to be laid before the next session of our legislature. He is preparing a book on "Evidence and Trial Practise", which should prove of great value to the lawyers of the State.

Professor Green contributed an article on "The Child Labor Law and the Constitution", which forecast correctly the recent decision of the United States Supreme Court on this law, (April, 1917). He has also published in the past year an article called "The Stockholm Conference and Joint Indemnity" in *Forward*; and an original article in the form of a review of Mr. Frankfurter's brief in the Oregon Minimum Wage Cases, in the *Illinois Law Review*. He wrote Chapter III and appendix of the last report of the Illinois Pension Commission, which chapter relates to pension legislation in Illinois. He is now preparing for the next report of the Pension Commission a chapter which will treat of judicial decision and legal questions connected with State pensions. He is also getting up a collection of authorities on the development and present status in Illinois of the law of domestic relations.

Professor Carpenter has contributed articles to the *Columbia Law Review* (Nov. 1917) on "Court Decisions and the Common Law," and to the *Harvard Law Review* (May, 1918) on "Jurisdiction over debts for purpose of administration, garnishment and taxation."

Professor Decker has contributed an article in two installments, entitled "The Case of the Sealed Instrument in Illinois", to the *Illinois Law Bulletin*. This article formulates and discusses for the first time the law of sealed instruments in this State from the critical and legislative point of view, which may lead to putting this antiquated branch of law on a rational basis.

Judge Harker has been busily engaged in completing his annotated edition of the *Illinois Revised Statutes*, which he hopes to complete by this fall, and which will be more useful than any other one law book to the legal profession of the State.

Professor Pomeroy has contributed an article to the *Bulletin* on "The Specific Performance of Contracts in Illinois". He is at present on leave of absence, finishing up the new seven volume edition of his father's monumental work on *Equity Jurisprudence*, to which he is himself contributing over 1,000 pages. This work is regarded as perhaps the greatest legal treatise produced by an American legal writer.

The writer of this report has contributed three articles to the *Bulletin*, one on the "Need of Pleading Reform in Illinois;" another entitled, "A Chart of Illinois Defensive Pleading;" and another on "Technicalities in Criminal Procedure." He has also written an article for the *California Law Review* on "Constitutional Limitations on the War Power," and has contributed an article to the *Harvard Law Review* on "Title by Adverse Pos-

session," which will appear next fall. The Law Bulletin extends the influence of the law faculty and furnishes a connecting link between the College of Law, the practising lawyer, and the legislator, whereby each keeps in better touch with the other.

V. *IMPORTANCE OF THE COLLEGE OF LAW AT THIS TIME.*

Especially at this time it is important to keep the law school in good working order for the sake of those who have entered military service. Some of them will soon be returning more or less disabled. No vocation will be found more suitable for many of these disabled soldiers than the legal profession. The law requires far less manual dexterity than engineering, agriculture, or medicine; and even before the war is over the law schools will be called upon to take care of our returning soldiers.

Shortly after the war closes, it is obvious that the law schools will all receive a very large increase in attendance, composed partly of their previous students who had not yet completed their law course; and in part of those who have entered but who postponed their law study and entered military service instead.

The law schools are thus storing up a reserve of attendance which will come upon them as a flood after the war. No one in subsequent life will have a greater influence in moulding public opinion and in guiding the affairs of the state than the law students. Law schools should, therefore, keep going with a view to these demands even if they are cut down to only a few students.

Among recognized law schools the University of Montana is the only one of which I have heard which proposes to discontinue its sessions next year. If the standard law schools should discontinue operations, this would play directly into the hands of the inferior commercialized night law schools, which already are preparing a majority, perhaps three-fourths, of the lawyers of this State.

It is submitted that the University of Illinois should have the courage and foresight to keep its facilities intact and to utilize its splendid equipment during the war, both for the sake of law students and for the constructive and critical study of the local law of this State. Next year is a legislative year and a constitutional convention also seems likely. Important demands will doubtless be made upon the law school faculty outside of their regular duties, if they have any time to spare.

It is submitted that the Law School is rendering substantial service to the State, both inside and outside the University; that it is an important liberalizing and constructive influence, and that through the law school the University has its greatest opportunity to contribute to the reform and betterment of our legal institutions, which are crying for public spirited and expert attention.

Respectfully submitted,

H. W. BALLANTINE

Dean of the College of Law

This report was received for record.

LEAVE OF ABSENCE FOR MR. E. W. BAILEY

(11) A request from Professor E. W. Bailey for leave of absence without salary from September 1, 1918, to September 1, 1919, for the purpose of graduate work, with the understanding that the three years of his incumbency as assistant professor up to the present time will stand to his credit in case he asks for the sabbatical privilege at a later date.

On motion of Mr. Blair, the President of the University was authorized to grant this request.

FOUR-YEAR MILITARY CURRICULUM

(12) A report from a committee consisting of Professor F. H. Newell, Chairman, and Messrs. Babcock, Weston, Shaw, Talbot, Forbes, and Major McCaskey, appointed February 22, 1918, to consider the curriculum of a four year military course. This committee presented a report to the University Senate on March 11. On June 3, the Senate approved the report in general and directed the committee to complete the proposed curricula. The following report is submitted by the committee:

Elements of Proposed Military Curriculum

1. This is based on the theory that a general technological collegiate course is to be followed during four academic years of eight months each in which daily drill and physical training is to be had with continuous enforcement of such military discipline as is consistent with the pursuit of the academic and technological studies.

2. At least 9 weeks of the summer months between the first and second, second and third, and third and fourth years are to be spent in a suitable military camp provided by the United States. At that time and in progressive order during successive seasons, practise is to be had under military and civilian instructors in ordinary civil and in military surveying and in map making, in infantry, artillery, and cavalry tactics including riding, in drill regulations, in target practise, in swimming, in sea-coast artillery, in practise marches, and in problems and practical field work.

3. The first year studies are to be essentially those of the ordinary college freshman course, namely:—mathematics, including algebra, trigonometry and analytical geometry; with English language, including rhetoric and themes; elements of drafting and descriptive geometry; chemistry, inorganic and qualitative analysis. Physical training and military drill to be had daily, but alternating in character of work done—emphasis being placed on set up drill for a half hour each day, preferably before breakfast or luncheon.

4. After the first collegiate year comes the summer military camp as described above followed by a short furlough of two or three weeks. During the summer plane surveying (C. E. 31), also map reading and military sketching (C. E. 38) are taken up, with full field work and some theoretical instruction.

5. During the second academic year mathematics is to be continued through differential and integral calculus; physics, both lectures and laboratory work replaces the chemistry of the freshman year; French or Spanish as a language; surveying, both plane and military sketching, Military drill and physical training are to be maintained.

6. Between the second and third collegiate years the summer military camp is to be continued, progressively taking up the practice of the first summer and with more specialized lines of work in infantry, cavalry, and artillery tactics, in the theory of air craft, in military law, accounting or other subjects in which the student desires to concentrate.

7. For the third year mathematics to be continued through integral calculus and applied mechanics with the theory and practise in steam and gas engines, motors, etc. Language continued in French or Spanish, elements of geology, astronomy or other branches of "Natural Philosophy," also ordnance and gunnery; military and international law.

8. The third summer military camp continues the drill and field work. Special squads are to be detailed under military direction for studies in management at arsenals, railway, steel or munition shops or quartermasters' depots, or to receive practical instruction in transportation problems under suitable experts.

9. The fourth year is to be given largely to specialized subjects such as electrical engineering, military structures, bridges, cranes, derricks, water supply and sanitation, taught chiefly by university instructors; also army accounting and contracts; ordnance and gunnery, field and permanent fortification, strategy, and military law, taught by army officers. Choice of these special subjects to be made by each student subject to the approval of the military authorities detailed to the university by the Department of War.

PROPOSED MILITARY CURRICULUM

<i>First Semester</i>		<i>First Year</i>		<i>Second Semester</i>	
	hrs.				hrs.
Chem—Inorganic	4	Chem—Qualitative Anal			4
Elem. of Drafting	4	Des. Geometry			4
Algebra	3	Analytic Geometry			5
Trigonometry	2	Rhetoric & Themes			3
Rhetoric & Themes	3	Gymnasium			1
Phys. Tr.—Gymnasium	1	Military Drill			$\frac{1}{2}$
Military Drill	$\frac{1}{2}$	Military Theory			$\frac{1}{2}$
Engineering lecture	0	Engineering Lecture			—
Military Theory	$\frac{1}{2}$				—
Total	18	Total			18
Summer military camp with infantry drill, plane surveying, map making, military sketching, etc.					
<i>Second Year</i>					
French	4	French			4
Math. Dif. Calculus	5	Math. 9—Integ. Calculus			3
M. E. Laboratory	3	M. E. Laboratory			3
Phys. 1a—Lectures	3	Phys. 1b—Lecture			2
Phys. 3a—Laboratory	2	Phys. 3b—Laboratory			2
Mil. 3a—Drill	$\frac{1}{2}$	T & AM 20—Mechanics			3
Mil. 3a—Mil. Theory	$\frac{1}{2}$	Mil. 4a—Drill			$\frac{1}{2}$
	—	Mil. 4b—Theory			$\frac{1}{2}$
Total	18	Total			18
Summer military camp with infantry, artillery and cavalry practise, military accounting, etc.					

<i>Third Year</i>			
French or Spanish	3	French or Spanish	3
Integ. Calculus	2	Roads & Pavements	3
Steam Engineering	3	Mech. of Machinery	5
Machine Work	3	Machine Work	2
Resistance of Materials	5	Astronomy	3
Military duties	2	Military duties	2
Total.....	18	Total.....	18
Summer camp, continued drill and specialized work in squad details to shops and depots.			
<i>Fourth Year</i>			
Direct Current Apparatus	3	Alternating Current Apar.	3
Direct Current Laboratory	1	Alt. Current Laboratory	1
Gas Power Eng. or		Ordnance and Gunnery	3
Principles of Aviation, or		Mil. & International Law.....	3
Principles of Management	3	Prin. of Aeronautics, or	
Structures	5	Engineering Design, or	
Water Sup. & Sanitation	3	Power Laboratory	2
Army accounts and Contracts	3	Art of War	3
Total.....	18	Total.....	18

As the Government may regulate this whole matter in another way, it does not call for action at the present time.

No action was taken in this matter.

HOUSEHOLD SCIENCE CHANGED TO HOME ECONOMICS

(13) A recommendation of the University Senate that the name of the Department of Household Science be changed to Home Economics.

On motion of Mr. Blair, this recommendation was approved.

CONDITIONAL ADMISSION OF STUDENTS

(14) A recommendation from the University Senate.

June 27, 1918

Dr. Edmund J. James, President

DEAR MR. PRESIDENT:

At the Senate meeting of June 3, 1918, it was voted, on the recommendation of the Committee on Educational Policy, to make the following recommendation to the Board of Trustees:

That any student who has graduated from an accredited school, whose high-school course includes fifteen units, six of which are made up from our List A, but whose high-school credits do not completely correspond to our educational requirements concerning lists B and C, be regarded as eligible for admission to the University on trial for one semester on the special recommendation of his high-school principal, with the provision that he shall be dropped automatically at the end of the first semester if he fails to pass in more than two-thirds of his work and that if his grades in more than one-fourth of his work are below C he may be dropped on the recommendation of his college faculty. Such a student during his trial period shall not be

permitted to take part in any public exhibition, serve on the staff of any student publication, or hold or become a candidate for any undergraduate office.

Sincerely yours,

C. M. McCONN

Clerk of the Senate

On motion of Mrs. Evans, this recommendation was approved.

SUMMER READING ABOLISHED

(15) A recommendation of the University Senate that the requirement of summer reading in the College of Engineering be abolished.

On motion of Mrs. Evans this recommendation was approved.

COMMITTEE ON STUDENTS' USE OF ENGLISH

(16) A recommendation of the University Senate concerning a Committee on Students' English.

June 27, 1918

Dr. Edmund J. James, President

DEAR MR. PRESIDENT:

The University Senate at its meeting of June 3, 1918, voted to make the following recommendations:

(1) That the Senate provide for a committee on students' English to be appointed by the Council of Administration. This committee shall consist of five or more members and its chief function shall be the maintenance of uniformity in the tests to be applied to unsatisfactory English.

(2) This committee shall have the services of a paid secretary, to be nominated by the Committee, whose duty it shall be to manage all the routine connected with the work of this committee, and to supervise the special instruction which may be necessary.

(3) At the beginning of each semester the secretary of the committee shall issue notices to all instructors, explaining the object of the committee and the manner in which the standard in the use of English is to be enforced.

(4) At a stated time in each semester instructors, excepting those in English composition, shall be asked to make reports, on blanks provided for the purpose, on all students whose use of English, whether oral or written, is unsatisfactory. Each report shall be accompanied by the evidence on which it is based. Provision may also be made for reporting at other than the stated time.

(5) The committee shall examine the evidence of the student's deficiency, and if, in its opinion the student is in need of further instruction, he shall be placed in the care of the secretary.

(6) The secretary shall determine the kind of instruction suited to each particular case. He may prescribe work to the students individually or he may organize special classes which the students shall attend until their English is satisfactory. No credit is to be given for this additional work. The work in English set by the Committee shall be a requirement for graduation in all the colleges and schools of the University.

(7) The Committee shall file at each college office a list of all students whose English is unsatisfactory.

(8) The secretary shall have the right to ask any instructor for samples of the written work of any student about whom he may desire information. He shall have access to term papers, note-books, examination-books, or any other material of the sort.

Sincerely yours,

C. M. McCONN

Clerk of the Senate

On motion of Mr. Trimble, this matter was referred to the President of the University with power to act.

BOND FOR MILITARY SUPPLIES

(17) A letter from the Comptroller.

July 2, 1918

President Edmund J. James, University of Illinois

MY DEAR PRESIDENT JAMES:

On account of the contemplated issue by the War Department of 1265 Russian rifles to the University, it will be necessary for us to take out the bond for a larger amount than now carried with the government. The minimum amount of a bond necessary to cover equipment now on hand together with the new consignment of rifles is \$62,500. If however, the amount of rifles or other equipment should be increased it would be desirable to have the authority to take out a bond sufficient to cover such a change.

I am therefore inclosing a draft of a resolution which I recommended be passed by the Board of Trustees at its next meeting giving me authority to take out a bond in an amount not more than \$100,000 or so much thereof as may be necessary.

Cordially yours,

LLOYD MOREY

RESOLUTION

Resolved: That Lloyd Morey, Acting Comptroller of the University of Illinois, be authorized to execute a bond to the United States of America in an amount not more than \$100,000 or so much thereof as may be necessary, with the American Surety Company of New York as surety, covering the return to the War Department of military stores and supplies already issued or subsequently issued to the University for use in military instruction.

On motion of Mr. Ward, this resolution was adopted, by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Taggart, Mr. Trimble, Mr. Ward, Miss Watson; noes, none; absent, Mr. Lowden, Mr. Trevett.

RELATION OF THE UNIVERSITY TO THE SMITH-HUGHES ACT

(18) The State Board of Vocational Education has requested the University to undertake certain teacher training in Home Economics, Trades and Industries, and Agriculture. This involves a very heavy expenditure, amount-

ing to about \$40,000 for the coming year, as proposed in the schedule presented by Doctor Charters, Director of the School of Education, Dean Davenport, and Miss Bevier. Of this \$40,000, which it is proposed to spend on this work of teacher-training in these three departments, \$20,000 will be refunded to the University under the Smith-Hughes Act after the close of the fiscal year, that is, after July 1, 1919. A portion of this expenditure is already included in our budget of last year and will be reported in our budget for the coming year, so that the net expense of this undertaking to the University, which is herewith submitted, deducting from the expense the refund which the University would be entitled to obtain from the State Board of Vocational Education, and deducting the amount already in our budget, would be from ten to twelve thousand dollars.

I had supposed when this schedule was prepared that the State Board of Vocational Education would ask the Legislature for an appropriation equal to the federal appropriation to the State under the Smith-Hughes Act, and that with this fund, half from the Federal Government and half from the State, the Board would proceed to defray the expenses of this teacher-training in the different institutions of the State, which might undertake it, so that doing this work would not involve on the part of the University any permanent outlay at its expense.

The reason we should have to meet this expense during the present year is that inasmuch as the Smith-Hughes Act was not ready for adoption until after the adjournment of the last Legislature no appropriation was made to match the Federal appropriation and, consequently, the institutions that could comply squeezed out a certain amount of money to meet this situation of carrying the work in teacher-training for one year.

The executive secretary of the Board of Vocational Education, Honorable Francis G. Blair, State Superintendent of Public Instruction, informs me that I am mistaken in regard to this matter and that no matter how much money the Legislature appropriates for the Smith-Hughes work, the Board will make appropriations to the different institutions for carrying on the teacher-training work only on a fifty-fifty basis. This makes an entirely new situation, and it means that if the Board is to carry on this work permanently, it would have to keep increasing its appropriations to match the Federal appropriations. I am not inclined to think that this would be a safe undertaking—in fact, I think it would be a very unsafe one. I think, however, it would be safe for the Board to give the President of the University authority to approve these proposed schedules for the coming year and make a frank and honest attempt to provide at the University for the teacher-training contemplated by the Smith-Hughes Act, making it a part of our School of Education.

I have not inserted this amount of \$40,000 in the budget, which I shall propose to you later in the day, because I think we can carry it without difficulty in our University balance up to the time the Federal Government makes the refund, which does not come in until after the first of next July.

On motion of Mr. Trimble, the work in Agriculture and Home Economics was approved.

On motion of Mr. Carr, the matter of the work in Teacher Training in Trades and Industries was referred to the President of the University with power to act.

ASSIGNMENT OF PROFESSOR NOLAN TO SMITH-HUGHES WORK

(19) A request from the Secretary of the Board of Vocational Education, Honorable Francis G. Blair, Superintendent of Public Instruction of the State of Illinois, that the University permit Professor A. W. Nolan to continue for the academic year beginning September 1, 1918, in the same relation to the University and the Board of Vocational Education as he has occupied during the latter part of the past year. Mr. Nolan has been engaged in the work of Supervisor of Agriculture for the State Board of Vocational Education and Professor of Agricultural Education in the College of Agriculture. The University has paid him a salary of \$3,600 a year, one half of which has been refunded by the State Board of Vocational Education under the provisions of the Smith-Hughes Act. The University permits him to do the work as Supervisor of Agriculture which may be assigned to him by the State Board of Vocational Education, and he gives the courses in Agricultural Education which are outlined in the University schedule.

On motion of Mr. Blair, this arrangement was authorized.

REPORT OF JUNIOR EXTENSION WORK

(20) Communications from Dean Eugene Davenport and Mr. James H. Greene in the Office of Junior Extension.

June 27, 1918

President Edmund J. James, University of Illinois

MY DEAR MR. PRESIDENT:

Since the passing of the war emergency appropriations, our Mr. Greene, State Leader in Boys' and Girls' Club work has been in charge of this work for the federal Government upon a somewhat larger scale than heretofore, so much larger as to involve the employment of a number of people. While these assistants are all employed by the federal Government and paid by them from their funds, yet under the conditions they have a semi-attachment to the University, their work being administered here much the same as is that of the emergency county advisers by Professor Handschin's office.

While these positions are in no sense University positions, my feeling is that no such employment should be made here without the knowledge of the President's office. I therefore asked Mr. Greene to make a list of these positions, and the list is inclosed. We feel that while the federal Government is responsible for this employment, yet we endeavor to keep these salaries such as to fairly well correspond with those of University positions so that no great discrepancy shall arise among those who are even in a secondary way connected with the University.

Very truly yours,

E. DAVENPORT

[July 17,

June 26, 1918

Dean Fred H. Rankin, 100 Agriculture Building

MY DEAR DEAN RANKIN:

The following people have been appointed on federal funds to serve in the Office of Junior Extension for the fiscal year beginning July 1, 1918:

<i>Name</i>	<i>Salary</i>	<i>Travel</i>
Anna E. Sager, Assistant State Leader (To March 1, 1919)	932	700
Harriet M. Phillips, Assistant State Leader (From August 1, Part Time)	550	500
Evelyn Buchan, Assistant State Leader	1200	400
Pauline M. Beshoar, Assistant State Leader	780	
Leta I. Rusk, Assistant State Leader	720	

Miss Sager is a graduate of the University of Illinois, Department of Household Science, of the Class of 1917, with an A. B. Degree.

Miss Phillips is in her senior year in the College of Agriculture, and is to serve half time in the office.

Miss Buchan has had three years' work at the University of Chicago, School of Commerce and Administration, has had library experience and office experience, and worked last year with boys and girls in a settlement.

Misses Beshoar and Rusk, both business college graduates, are to put in full time as stenographers.

Very truly yours,

JAMES H. GREENE

State Leader in Junior Extension

This report was received for record.

OFFER OF LOTS ON NEVADA STREET

(21) An offer from Professor C. T. Knipp to sell lots 27 and 28 on West Nevada Street, Urbana, Illinois, to the University for \$3,000 each. The lots are sixty-five by one hundred and forty-seven feet, separated from the Residence Hall for Women by a single lot—that owned by Professor Noyes.

No action was taken on this offer.

FINANCIAL REPORT, SCHOOL OF MILITARY AERONAUTICS

(22) A letter from the Comptroller concerning the cost of conducting the School of Military Aeronautics.

July 3, 1918

President Edmund J. James, University of Illinois

MY DEAR PRESIDENT JAMES:

On July second, the following telegram was received by the Commandant of the School of Military Aeronautics and passed to me for attention:

Reply T—294 training. Wire amount necessary to completely reimburse University for all expenditures School of Military Aeronautics to end of June.

KENLY

Our accounts at June 30, including both the school and the mess show standing as per the inclosed summary of finances. You will observe that an item for accrued tuition amounting to \$28,775.00 is included in this statement, an analysis of which is shown on a separate schedule inclosed.

After conference with yourself and Dean Kinley regarding the answer to the above telegram the following reply was drafted and has gone forward:

Amount necessary to completely reimburse University of Illinois for all expenditures School of Military Aeronautics to end of June is simply the amount then accrued but not vouchered for tuition of men not graduated at that date. This amount is \$28,775.

Cordially yours,

LLOYD MOREY

*SUMMARY OF FINANCES—SCHOOL OF MILITARY AERONAUTICS
JUNE 30, 1918*

I. School

Income from tuition, etc:

Received	\$114,541.98	
Vouchered against Government June 30.....	20,789.10	
Accrued tuition for men not graduated (not yet vouchered)	28,775.00	\$164,106.08

Expenditures

Actual disbursements, including salaries of academic staff, supplies, special equipment, and expense of quarters.....	144,819.78	
Liabilities on account of orders in process....	7,438.24	
Advances for reconstruction work in No. 1 Barracks, chargeable to Y. M. C. A. against rent from Jan. 1, 1918 at \$375.00 per month; balance June 30, 1918.....	6,832.89	159,090.91
Surplus June 30, 1918.....		5,015.17

II. Mess

Income:

Received	93,521.61	
Vouchered against Government June 30.....	22,797.00	116,318.61

Expenditures

Operation	92,945.06	
Equipment	10,219.97	103,165.03
Surplus June 30, 1918.....		13,153.58

Total Surplus June 30, 1918, exclusive of General University Administration, depreciation of buildings and equipment, or loss of normal income

18,168.75

ACCRUED TUITION—SCHOOL OF MILITARY AERONAUTICS

JUNE 30, 1918

<i>Squadron</i>	<i>No. of Men</i>	<i>Time and Rate</i>		<i>Total</i>
A	69	1 week at	\$10.00	\$ 690.00
B	79	2 " "	10.00	1,580.00
C	73	3 " "	10.00	2,190.00
D	76	4 " "	10.00	3,040.00
E	74	4 " "	10.00	\$2,960.00
		1 " "	5.00	370.00
				3,330.00
F	77	4 " "	10.00	3,080.00
		2 " "	5.00	770.00
				3,850.00
G	64	4 " "	10.00	2,560.00
		3 " "	5.00	960.00
				3,520.00
H	37	4 " "	10.00	1,480.00
		4 " "	5.00	740.00
				2,220.00
I	38	4 " "	10.00	1,520.00
		5 " "	5.00	950.00
				2,470.00
J	33	4 " "	10.00	1,320.00
		6 " "	5.00	990.00
				2,310.00
L	45	4 " "	10.00	1,800.00
		7 " "	5.00	1,575.00
				3,375.00
<i>Total</i>				\$28,775.00

Note—It is the custom of the University to render vouchers to the Government only after men are graduated or discharged. This statement shows the amount accrued on account of men whose work was only partially completed at June 30, 1918.

This report was received for record.

**PROFESSOR MCKENZIE DETAILED TO AMERICAN UNIVERSITY
UNION IN EUROPE**

(23) A request from the American University Union in Europe that the University give Professor Kenneth McKenzie leave of absence on one-half pay to become Director of its Italian Branch in Rome. By the action of the Board on March 12, 1918, (page 729) I was given authority to designate a member of the University staff to act as the representative of the University at the headquarters of the American University Union in Europe. Under that authority, I have appointed Professor McKenzie to undertake this work at a salary of \$2,000 for one year from September 1, 1918. The American University Union will assume the rest of the expense which may be necessary in connection with this important task.

On motion of Mr. Carr, the action of the President in this matter was approved.

ADDITION TO THE LIBRARY STACK

(24) Bids for the construction of the addition to the Library stack room.

President E. J. James

DEAR SIR:

In my letter of May 28th with reference to the cost of the addition to the library stack room, I gave you the cost of the building at \$35,000 and the cost of the book stacks at 20 cents a volume for 200,000 volumes.

We have received bids (which are not entirely comparable) as follows:

Snead & Co. on solid end stacks.....	\$46,010.00
Art Metal Co. on bracket stacks.....	36,876.25
Library bureau on bracket stacks.....	34,771.00
Paltridge on solid end stacks.....	30,217.50

Professor Windsor is investigating to see whether we can consider the low bid. There is no question that the Library Bureau stack would be satisfactory. Estimates of the completed plans of the building indicate that it may probably run \$1,000 over our estimate.

Have we been authorized to award contracts to the amount of \$70,000 to cover this building and the stacks?

Yours truly,

JAMES M. WHITE

Supervising Architect

On motion of Mr. Hoit, the Comptroller was authorized to sign contracts prepared and approved by the Supervising Architect to the amount of \$70,000 or so much thereof as may be necessary to cover the cost of the building addition to the stack, already approved by the Board (page 746), and the stacks themselves.

ALUMNI SUBSCRIPTION FOR AMERICAN UNIVERSITY UNION IN EUROPE

(25) A report of the Alumni subscriptions to the American University Union in Paris.

July 11, 1918

President E. J. James

DEAR MR. PRESIDENT:

I have this day deposited with the Comptroller a check for \$464.60 to the credit of the fund for the American University Union in Paris. This makes a total of \$1,221.10.

Mr. Henry asks whether, in view of the fact that more than \$1,000.00 has already been raised, it would not be well for him to discontinue his campaign. I have replied that I think it would be well to continue the campaign, at any rate to the extent of collecting what has been already asked for by him and that I would recommend to you that the University pay over only \$1,000.00 for the first year, as requested by the Union, holding the balance for future calls. I so recommend.

Very truly yours,

D. KINLEY

I have followed Dean Kinley's suggestion in asking Mr. Henry to proceed with collections of further subscriptions.

This report was received for record.

STUDENTS' ARMY TRAINING CORPS

(26) The following statement:

Under date of June 29, 1918, a communication came to me from the Adjutant General's Office of the War Department to the effect that military instruction will be provided, beginning with the fall term of 1918 in all institutions of collegiate grade enrolling one hundred or more able-bodied students: that the students so enrolling will constitute what will be called the "Students Army Training Corps" and that an opportunity will be offered to all students under eighteen to enlist in the Army as members of this Corps. They will be subject to the call of the President of the United States for immediate service in emergencies, but the intention is to leave the students who enlist in the Students Army Training Corps, at the colleges until they become of draft age.

This system will probably call for some adjustment with the system of the Reserve Officers' Training Corps which we now have at the University. The statement is made that the necessary uniforms, rifles, and other equipment will be supplied so far as supplies are available. The University has already entered into a contract for uniforms for its cadet brigade next year. The War Department has indicated that it will probably grant commutation for such uniforms on the basis adopted last year. Major McCaskey is of the opinion that the University should let the contract stand and apply for commutation.

This arrangement was approved.

SETTLEMENT WITH ESTATE OF CAPTAIN T. J. SMITH

(27) A letter from the Comptroller in regard to settlement with the executors of the estate of Captain Thomas J. Smith.

July 11, 1918

President Edmund J. James, University of Illinois

MY DEAR PRESIDENT JAMES:

I beg to advise you that I have paid to Edward Bailey and Minnie R. Spaulding, Executors of the Estate of Captain T. J. Smith, the sum of \$4,049.17 as final payment in full for balance due under the contract between the Board of Trustees and Captain Smith, as per the Minutes of the Board, September 8, 1914, page 139.

The previous payment made by me on this contract was made March 1, 1918. Captain Smith's death occurred April 16. There would, therefore, be due the estate payment for a period of seven months and sixteen days at the rate of \$6,450 per year, the contract providing that the annuity continue six months after the death of Captain Smith.

I have secured from the Executors a receipt for the above payment,

thereby relieving the University of its entire obligation in this respect under this contract.

Cordially yours,

This settlement was approved.

LLOYD MOREY

CONDEMNATION OF LAND IN CHICAGO

(28) A report from Judge O. A. Harker, Legal Counsel of the University, that a petition was filed in the Circuit Court of Cook County for the April term of 1918 to condemn for a building site a certain parcel of land abutting on South Wood Street in Chicago, and extending east 124 feet, more or less, to the north and south alley, between Flournoy and West Polk streets, and more particularly described as the north 10 feet of Lot 5 and the south 15 feet of Lot 6 in the resubdivision of the west half of Block 5 in the Assessors' division of the east half of the southeast quarter of Section 18, Township 39 north, of Range 14 east of the Third Principal Meridian, Cook County, Illinois.

The case was tried before Judge Jesse A. Baldwin. The judge fixed the compensation at \$2,500. If the University wishes to take the property, it must pay to the County Treasurer of Cook County for the use of the defendants in the suit the sum of \$2,500 on or before August 9, 1918. This compensation is more than double what seems to me the fair price of the property—in fact, \$1,000 would represent more nearly the exact value of this lot, lying immediately south of the property now owned by the University on South Wood street. However, if the Board does not take this property, it will probably be required to pay all the expenses incurred by the defendants, including the attorney's fees. The University under this condemnation will not obtain an absolute title. Its right is limited to the use of the property for school purposes. Should the University want to dispose of this property, it could not transfer title to this particular lot to a grantee.

On motion of Mr. Blair, this matter was referred to the Executive Committee with power to act. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Taggart, Mr. Trimble, Mr. Ward, Miss Watson; noes, none; absent, Mr. Lowden, Mr. Trevett.

STATE CENTENNIAL CELEBRATION

(29) The following statement: The State Centennial Commission has been holding various celebrations in honor of the hundredth anniversary of the admission of Illinois to the Union. The last formal function will occur on December 3, 1918, the date of the actual admission of the State by law of Congress. I suggest that the trustees invite the Centennial Commission to hold their celebration of December 3 at the University.

On motion of Miss Watson the President of the University was authorized to extend such an invitation.

THE BUDGET, 1918-19

(30) The outline of the budget for the coming year.

*SUMMARY OF EXPENDITURES AND INCOME PROPOSED FOR
THE FISCAL YEAR BEGINNING JULY 1, 1918.***I—EXPENDITURES**

	1918-19	1917-18
1. Land, buildings, equipment, reconstructions, Music and Education buildings	\$ 194,921	
2. Addition to Library book stack room and stacks....	70,000	\$ 250,000
3. Physical plant extension and building betterments, including furniture and fixtures.....	55,000	
4. Physical plant operation and maintenance.....	340,000	273,450
5. Library additions	50,000	50,000
6. Administrative offices (Board of Trustees, President, Vice President, Registrar, Business Office, Legal Counsel, Council of Administration, University Senate and Adviser to Foreign Students)...	87,000	86,510
7. General departments (Library, Dean of Men, Dean of Women, Physical Training for Men, Physical Training for Women, Military and Bands, High School Visitor, Blueprinting and Photography, Information Office, Health Officer and University Press)	180,000	160,861
8. Publications and general expenses.....	133,000	133,075
9. College of Liberal Arts and Sciences.....	525,000	525,510
10. College of Commerce and Business Administration	54,000	54,030
11. College of Engineering and Engineering Experiment Station	356,000	356,633
12. College of Agriculture and Agricultural Experiment Station	784,000	792,102
13. Chicago Departments (Medicine, Dentistry, and Pharmacy	283,000	283,006
14. College of Law	35,000	35,850
15. Graduate School	55,000	55,316
16. School of Library Science.....	10,000	9,275
17. School of Music.....	22,710	19,265
18. Summer Session	30,000	30,000
<i>Total expenditures</i>	<i>\$3,264,631</i>	<i>\$3,154,883</i>

II—INCOME

Total income	\$3,273,503
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III—BALANCE

Total income	\$3,273,503
Total expenditures	3,264,631

<i>Balance</i>	<i>\$ 8,872</i>
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I had hoped at this meeting of the Board to present in accordance with my usual custom a formal budget with names and salaries and expense items

all indicated in great detail. Owing to the very unusual condition of things during the past year, the heads of various departments have found it difficult to prepare their estimates for the coming year in time. The continued inroads on the members of our academic staff by calls to other work, either through the draft for the Federal Armies or through inducements offered to enter Federal service or other State service, or private enterprise, have made it necessary to reconstruct the budget almost every day for the past three months.

Our income for the next year is, however, practically a fixed sum, and our expenditure must fall within that amount. I have prepared, therefore, a budget based on that principle and am asking that this budget be approved in the large items, leaving the detailed readjustments to the arrangements which I may find it possible to make as the work develops. Generally speaking, the budget for the coming year is essentially the same as for the past year in its totals.

We shall be able with the balance still in our building fund to inclose the Smith Music Hall so as to protect it against the weather for an indefinite time, though we shall not be able to complete the building. The Education building will be practically completed ready for the furniture. We are proposing, however, no new building, except the Agronomy barn already approved, and the addition to the Library Stack, which has also been approved. If we should find it possible to construct the McKinley hospital during the year from the proceeds of the sale of the McKinley securities or other sources, we may add that building, or so much of it as we may construct, to the building plan.

If we should find some way of financing the enterprise, I think it would be extremely desirable to begin our hospital in Chicago on the site immediately south of our Pharmacy buildings. All these building projects may be properly classed as war work, and as absolutely necessary if we should be called upon to provide additional space in University Hall for aviators.

Generally speaking, we shall not be able to plan for the opening of new departments or the enlargement of present departments. It is necessary for us to enlarge the budget for the School of Education to its former size before Doctor Bagley left us by accepting the call to Columbia, and before Professor Johnston left us by death. We have also recommended to the Board, and this has been approved, that a Bureau of Educational Research be organized as part of the School of Education, and Doctor B. R. Buckingham has been appointed as Director of the same.

Our printing and publishing work we propose to organize in a more definite and efficient manner under the head of a University Press, of which Mr. H. E. Cunningham is proposed as Director in addition to his duties as Secretary of the Board of Trustees. For the purpose of enabling him to do this work satisfactorily, I propose to relieve him of the duties involved in being Assistant Registrar.

The most important items of new expense are really those connected with our attempt to help the State Board for Vocational Education to take advantage of the provisions of the Smith-Hughes Bill, discussed above, by

carrying for it a large part of the expense for teacher training, involving a net expense to the University of perhaps \$10,000 to \$12,000.

The most serious increase in the budget for the coming year occurs under the head of Physical Plant Operation and Maintenance and Building Betterments, for which the Supervising Architect asks the sum of \$395,000, instead of \$313,450 allowed in the last budget. This is in consequence of the rapid rise in wages in the Department of Physical Plant Operation and Extension and of the extraordinary rise in the price of coal.

The estimate of expense for the office of the Registrar is somewhat less than last year, and for the Business Office somewhat more. The total expenditure for the administrative offices, however, is estimated at the same figure as last year.

In the general departments, a slight increase is asked for the Library; a slight increase for the Military and Band Departments; and the request for Publications and General Expenses will be the same, tho there will be a considerable shifting of expenditure items.

While the total expense of the different departments is not essentially different from last year, it is proposed to make a considerable readjustment between the items in the matter of salaries. The sum total of the salary budget in each of the colleges is less than it was last year or only slightly more. We have been compelled to advance the average salary of positions under the State Civil Service. We should advance much more than we can the salaries of instructors and associates, but we shall have to make a special plea with the next Legislature to so readjust our income as to enable the University to advance the salaries very sharply or we shall lose a great many of our very best men and women.

The increase of wages and salaries in the Agricultural department has been rendered somewhat easier by the increased funds from the Federal Government. At the same time, it has been necessary to advance these salaries in order to meet the competition which the other institutions in the country have been able to make, owing to similar grants.

I recommend that the Board of Trustees approve the preliminary budget herewith submitted and authorize the President of the University to adjust the details of salaries and expenses and promotions at his discretion within the sum total of the Budget.

On motion of Mr. Carr, the summary of expenditures was approved and the President of the University was authorized to adjust the detailed expenditures within the sum total involved. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Taggart, Mr. Trimble, Mr. Ward, Miss Watson; noes, none; absent, Mr. Lowden, Mr. Trevett.

THE DETAILS OF THE BUDGET

Note:—The Budget as it appears below was approved by the President of the University on August 1, 1918.

PART I—SUMMARY*SUMMARY OF INCOME AND EXPENDITURE*

Total estimated income.....	\$3,242,345.26
Total estimated expenditure.....	3,239,793.88
<i>Balance ..</i>	<i>\$ 2,551.38</i>

ESTIMATED INCOME**I. Balance July 1, 1918**

Free balance of unappropriated income June 30, 1918, (including Agricultural balances subject to re-appropriation \$26,430.87.)\$191,656.91

II. Federal Sources

1. Endowment fund	\$ 32,450.66
2. Morrill fund	25,000.00
3. Nelson fund	25,000.00
4. Hatch fund	15,000.00
5. Adams fund	15,000.00
6. Smith-Lever fund	101,987.69 \$ 214,438.35

III. State Appropriation of Receipts from the Mill Tax

8. Salaries and Wages	1,475,000.00
9. Departmental office expenses	50,000.00
10. Traveling expenses	25,000.00
11. Operating supplies and expenses ..	62,500.00
12. School supplies	207,500.00
13. Repairs on present buildings, grounds, and equipment ..	55,000.00
14. Equipment ..	150,000.00
15. Buildings ..	250,000.00
16. Reserve and contingencies..	125,000.00 \$2,400,000.00

IV. Student Fees

17. Urbana departments (25% less than 1917-18.).....		125,000.00	
18. Chicago departments:			
Medicine	47,000.00		
Dentistry	25,000.00		
Pharmacy	10,000.00	82,000.00	207,000.00

V. Departmental Sales

19. College of Agriculture and Agricultural Experiment Station		161,700.00	
20. College of Engineering and Engineering Experiment Station		3,000.00	
21. College of Liberal Arts and Sciences		5,000.00	
22. Physical Plant		5,000.00	
23. College of Medicine (dispensary, drug room, etc.)		2,500.00	
24. College of Dentistry Infirmary, etc.		18,000.00	
25. Miscellaneous:			
Library fines and sales....	500.00		
Symphony concerts	3,500.00		
Graduate School Publications	1,000.00		
Other publications, (Alumni Record, History, Directory, etc.)	5,000.00		
Smith Farms	10,000.00		
McKinley securities	5,550.00		
Miscellaneous	1,000.00	26,550.00	221,750.00

VI. Interest on Daily Bank Balances

26. Interest	7,500.00
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GRAND TOTAL\$3,242,345.26

SUMMARY OF EXPENDITURES

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
1. Buildings	\$ 264,921.00	\$ 264,921.00
2. Reconstructions, physical plant extension, building betterments, and furniture and fixtures	55,000.00	55,000.00

3. Physical plant operation and maintenance ..	.....	340,000.00	340,000.00
4. Library additions .....	.....	50,000.00	50,000.00
5. Administrative offices.....\$	63,510.00	25,300.00	88,810.00
6. General departments	130,826.00	39,931.00	170,757.00
7. Publications and general expenses ..	.....	132,300.00	132,300.00
8. College of Liberal Arts and Sciences	421,500.00	97,575.00	519,075.00
9. College of Commerce and Business Administration	44,850.00	7,790.00	52,640.00
10. College of Engineering and Engineering Experiment Station ..	265,250.00	82,400.00	347,650.00
11. College of Agriculture and Agricultural Experiment Station ..	329,880.00	454,078.88	783,958.88
12. Colleges of Medicine and Dentistry and School of Pharmacy ..	.....	.....	*283,000.00
13. Graduate School	8,820.00	46,762.00	55,582.00
14. Other colleges and departments:			
College of Law.....	25,095.00	8,500.00	33,595.00
School of Library Science.....	8,525.00	950.00	9,475.00
School of Music.....	20,340.00	2,690.00	23,030.00
Summer Session	27,000.00	3,000.00	30,000.00
<i>Total Expenditures</i>	\$1,350,596.00*	\$1,611,197.88*	\$3,239,793.88*

I. BUILDINGS

Sundry building projects.....\$264,921.00

II. RECONSTRUCTIONS, PHYSICAL PLANT EXTENSION, BUILDING BETTERMENTS, AND FURNITURE AND FIXTURES

1. Reconstruction, physical plant extension, and building betterment....\$50,000
2. Furniture and fixtures..... 5,000

Total\$55,000

III. PHYSICAL PLANT OPERATION AND MAINTENANCE

1. Building operation\$ 80,000.00
2. Building maintenance 52,000.00
3. Police and watchmen 6,000.00
4. Office supplies 2,500.00
5. General operation 22,000.00
6. Heat, light, power 131,000.00
7. Fire protection 5,000.00

*Total sum of \$283,000 for Medicine, Dentistry, and Pharmacy not yet divided according to salaries, expense, and equipment.

8. Telephones ..	3,500.00
9. Tools and equipment ..	4,000.00
10. Freight handling ..	7,000.00
11. Water station ..	4,000.00
12. Grounds ..	23,000.00

\$340,000.00

IV. LIBRARY ADDITIONS

Library additions ..	\$50,000.00
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V. ADMINISTRATIVE OFFICES

	Salaries	Expense and Equipment	Total
1. Board of Trustees			
Quarterly audit ..		\$ 1,000	\$ 1,000
Other expense ..		6,000	6,000
2. Office of the President.....	21,140	5,000	26,140
3. Office of the Vice President.....	1,000	500	1,500
4. Office of the Registrar.....	15,820	5,000	20,820
5. Business Office ..	24,800	6,500	31,300
6. Legal Counsel ..		500	500
7. Council of Administration.....		500	500
8. University Senate ..		100	100
9. Adviser to Foreign Students ..	750	200	950
<i>Total, administrative offices ..</i>	<i>\$63,510</i>	<i>\$25,300</i>	<i>\$88,810</i>

VI. GENERAL DEPARTMENTS

	Salaries	Expense and Equipment	Total
1. Library ..	\$67,860	\$ 9,165	\$77,025
2. Dean of Men ..	10,090	6,175	16,265
3. Dean of Women ..	4,200	500	4,700
4. Physical Training for Men ..	14,100	2,600	16,700
5. Physical Training for Women ..	8,100	600	8,700
6. Military ..	11,406	5,591	16,997
7. High School Visitor ..	6,770	4,600	11,370
8. Blueprinting and Photography* ..	3,000	1,000	4,000
9. Information Office† ..	900	1,000	1,900
10. Health Service‡ ..	**	7,700	7,700
11. University Press# ..	4,400	1,000	5,400
<i>Total, general departments.....</i>	<i>\$130,826</i>	<i>\$39,931</i>	<i>\$170,757</i>

*The expense items for labor, general supplies, and expense, estimated at \$4,685, involved in the work of the Photographic Laboratory will be covered by credits to the department and are not included in the budget total.

†An additional sum of \$2660 required by the Information Office for expense and equipment will be provided from the receipts of the Stenographic Bureau and is not included in the budget total.

‡Salaries included under Expense and Equipment.

#Salaries and expense estimated at \$35,000 to be paid from charges to other departments and therefore not included in Budget totals.

VII. PUBLICATIONS AND GENERAL EXPENSES**1. Publications**

Printing and mailing catalogs, etc.,	\$15,000
<i>Semi-Centennial Alumni Record</i>	4,000
<i>Alumni Quarterly</i>	1,000
Students Handbook	300
Life of J. M. Gregory	2,000
Statistical Studies in the History of the University.....	3,000

Total, publications \$ 25,300

2. General Expenses

Lectures	2,000
Incidentals and emergency fund.....	80,000
Concerts	5,000
Convocations, etc.,	1,500
Refunds to students	6,000
Towel system, Gymnasium	1,500
Semicentennial celebration	5,000
Operation of Smith farms	6,000

Total, general expenses..... \$107,000

Total, publications and general expenses..... \$132,300

VIII. COLLEGE OF LIBERAL ARTS AND SCIENCES

	<i>Expense and</i>	
	<i>Salaries</i>	<i>Equipment Total</i>
1. Office of the Dean	\$ 8,700	\$ 1,200 \$ 9,900
2. Art and Design	7,500	700 8,200
3. Astronomy ..	5,400	800 6,200
4. Bacteriology	3,700	4,500 8,200
5. Botany	20,860	5,800 26,660
6. Chemistry	72,850	51,000 123,850
7. Classics	13,850	450 14,300
8. Education	27,120	11,500 38,620
9. English	63,100	1,800 64,900
10. Entomology	8,800	1,150 9,950
11. Geology	15,500	2,800 18,300
12. German	18,650	200 18,850
13. History	25,450	300 25,750
14. Mathematics	33,450	700 34,150
15. Philosophy	8,000	100 8,100
16. Physiology	5,200	1,500 6,700
17. Political Science	13,200	175 13,375
18. Psychology	5,500	900 6,400
19. Romance Languages	27,100	400 27,500
20. Sociology	6,700	200 6,900

21. Zoology	28,370	4,900	33,270
22. Museums	2,500	6,500	9,000

Total, College of Liberal Arts and Sciences. \$421,500 \$97,575 \$519,075

IX. COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

1. Salaries \$44,850

2. Equipment

a. Office and class-room equipment.....	\$ 450
b. Fixed library charges	1,200
c. Library equipment	3,000

Total, Equipment 4,650

3. Expense

a. Lectures	600
b. Traveling expense (including \$350 for Com- munity Adviser)	700
c. Printing, postage, and office supplies.....	600
d. Extra clerical help	250
e. Student assistance	300
f. Stenographic help	600
g. General	90

Total, Expense 3,140

*Total, College of Commerce and Business Ad-
ministration* \$52,640

X. COLLEGE OF ENGINEERING, ENGINEERING EXPERIMENT STATION, AND CO-OPERATIVE COAL MINING INVESTIGATIONS

	Salaries	Expense and Equipment	Total
College of Engineering	\$239,220	\$ 55,000	\$294,220
Engineering Experiment Station.....	23,430	25,000	48,430
Cooperative Coal Mining Investigations.....	2,600	2,400	5,000

Total \$265,250 \$ 82,400 \$347,650

Tentative Apportionment of Expense

Department	College	Station	Total
Administration*	\$ 15,000	\$ 16,000	\$ 31,000
Architecture	3,500	.....	3,500
Ceramic Engineering	5,000	1,000	6,000
Civil Engineering	2,000	500	2,500
Electrical Engineering	4,000	1,000	5,000
General Engineering Drawing	1,000	.....	1,000

*Including expenses for administration and for general betterments and emergencies; and, in the Station, the salaries of Research Graduate Assistants, printing and distribution of bulletins, and emergencies.

Mechanical Engineering	11,000	1,500	12,500
Mining Engineering	2,000	500	2,500
Municipal and Sanitary Engineering and Theoretical and Applied Mechanics.....	4,500	3,000	7,500
Physics	5,000	500	5,500
Railway Engineering	2,000	1,000	3,000
<i>Total</i>	\$ 55,000	\$ 25,000	\$ 80,000
Cooperative Coal Mining Investigations.....	.....	\$ 2,400	\$ 2,400
<i>Grand Total</i>	\$ 55,000	\$ 27,400	\$ 82,400

XI. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION

A. Income

1. State College Funds

Income \$227,115

2. State Station Funds

a. Live stock investigations.....\$31,000
b. Crop investigations 18,500
c. Soil investigations 96,000
d. Horticulture investigations 21,000
e. Dairy investigations 21,000
f. Floriculture investigations 8,000

Total, State Station funds \$195,500

Total, income from State funds..... \$422,615

3. U. S. College Funds

a. Interest on endowment ($\frac{1}{2}$).....\$16,225.32
b. Morrill fund, 1890 ($\frac{1}{2}$)..... 12,500.00
c. Nelson fund ($\frac{1}{2}$)..... 12,500.00

Total, U. S. College funds..... \$ 41,225.32

4. U. S. Station Funds

a. Hatch fund\$15,000.00
b. Adams fund 15,000.00

Total, Income from Federal Funds.. \$ 30,000.00

5. U. S. Smith-Lever Fund

Income \$101,987.69

Total, Income from Federal funds... \$173,213.01

*Total, income of College and Station
from State and Federal funds...* \$595,828.01

6. Departmental Sales**a. College**

(1) Agronomy ..	\$ 1,500
(2) Animal Husbandry ..	22,000
(3) Dairy Husbandry ..	64,000
(4) Home Economics ..	200
(5) Horticulture ..	6,000
(6) Cafeteria ..	21,000

Total Sales, College \$114,700

b. Station

(1) Agronomy ..	\$20,000
(2) Animal Husbandry ..	13,000
(3) Dairy Husbandry ..	12,000
(4) Horticulture ..	2,000

Total Sales, Station \$ 47,000

Total Sales, College and Station..... \$161,700

7. Cash Balances

Balances \$ 26,430.87

Total income, College and Station..... \$783,958.88

B. Expenditures

(Exclusive of Balances and Receipts from Sales)

1. Administration and General**a. College funds**

Salaries and maintenance.....\$11,825.32

b. Hatch fund

Salaries and maintenance..... 5,000.00

c. Adams fund

Salaries and maintenance 1,700.00

Total, administration and general..... \$18,525.32

2. Agricultural College Extension**a. College funds**

Salaries and maintenance \$20,000.00

3. Agronomy**a. College funds**

Salaries and maintenance (general).....\$38,300

Farm Mechanics 15,000

Total from College funds..... \$53,300.00

b. State Station funds	
Crop investigations	\$18,500
Soil investigations	96,000
<hr/>	
<i>Total from State Station funds.....</i>	\$114,500.00
c. Hatch fund	
Salaries and maintenance	\$ 4,000
<hr/>	
<i>Total, agronomy</i>	\$171,800.00
 4. Animal Husbandry	
a. College funds	
Salaries and maintenance.....	\$68,190
b. State Station funds	
Live Stock investigations	26,700
c. Adams fund	
Nutrition and breeding.....	8,300
<hr/>	
<i>Total, animal husbandry</i>	\$103,190.00
 5. Dairy Husbandry	
a. College funds	
Salaries and maintenance (general).....	\$30,725
b. State Station funds	
Dairy investigations	21,000
c. Hatch fund	
Salaries and maintenance	6,000
<hr/>	
<i>Total, dairy husbandry</i>	\$ 57,725.00
 6. Farm Organization and Management	
a. College funds	
Salaries and maintenance.....	\$ 1,500
b. State Station funds	
4,500	
<hr/>	
<i>Total, farm organization and management....</i>	\$ 6,000.00
 7. Home Economics	
a. College funds	
Salaries and maintenance	\$26,000.00
 8. Horticulture	
a. College funds	
Salaries and maintenance (gen- eral)	\$56,600.00

b. State Station funds		
Horticultural investigations	\$21,000.00	
Floricultural investigations	8,000.00	
<hr/>		
<i>Total from State Station funds ..</i>		\$29,000.00
c. Adams fund		
Plant breeding	5,000.00	
<hr/>		
<i>Total, horticulture</i>		\$90,600.00
 9. U. S. Smith-Lever Extension Service		
a. General Administration (including printing and distribution of publications)		
	\$12,987.69	
b. County Agents		
Salaries and maintenance	48,000.00	
c. Home Economics		
Salaries and maintenance.....	18,500.00	
d. Departmental Advisers		
	22,500.00	
<hr/>		
<i>Total, U. S. Smith-Lever</i>		\$101,987.69
<hr/>		
10. Income from sales and cash balances*-----		\$188,130.87
<hr/>		
<i>Total expenditures, College and Station.....</i>		\$783,958.88
 XII. COLLEGES OF MEDICINE AND DENTISTRY AND SCHOOL OF PHARMACY		
Salaries and expense		\$283,000
 XIII. GRADUATE SCHOOL		
1. Salaries		
Administration and research.....	\$ 6,600	
Assistants (C. S.)	2,220	
<hr/>		
<i>Total, salaries</i>		\$8,820.00
2. Scholarships and fellowships		25,000.00
3. Expense and equipment		
A. Publications		
1. <i>University Studies</i> (Miscellaneous, Social Science, Language and Literature, Biological Monographs), printing, proof-reading, etc.....		
	\$ 5,500	
2. Special monographs		
	1,200	

*Detailed apportionment to be made later.

3. <i>Journal of English and Germanic Philology</i>	1,800	
4. General publications	1,050	\$ 9,550

B. Research

1. Emergency, equipment, assistance, materials, service, etc. ..	\$ 7,287	
2. Illinois Historical Survey.....	4,000	\$11,287

C. Incidental and miscellaneous

1. Postage, office supplies, office traveling expenses	500	
2. Clerical help	425	925

Total expense and equipment..... \$21,762

*Total, Graduate School** \$55,582

XIV. OTHER COLLEGES AND DEPARTMENTS

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
1. College of Law	\$25,095	\$ 8,500	\$33,595
2. School of Library Science	8,525	950	9,475
3. School of Music	20,340	2,690	23,030
4. Summer Session	27,000	3,000	30,000
<i>Totals</i> ..	\$80,960	\$15,140	\$96,100

PART II. SALARY BUDGET

Unless otherwise noted, all appointments and salaries date from September 1, 1918. Indef.=on indefinite tenure; C. S.=Civil Service.

OFFICE OF THE PRESIDENT

Edmund J. James, President (March 13, 1917—March 11, 1919).....	\$12,000
Anna V. Whitson, Executive Secretary (C. S.).....	1,700
Louis J. Heath, Private Secretary to the President (Exempt).....	2,400
Albert R. Lee, Clerk (C. S.).....	1,440
Catherine A. Bard, University Secretary (C. S.).....	1,200
_____, University Secretary (C. S.).....	900
Assistance ..	1,500

Total, Office of the President.....\$21,140

OFFICE OF THE VICE PRESIDENT

David Kinley†, Vice President (1 yr.), Dean of the Graduate School (1 yr.), and Professor of Economics (Indef.).....	\$ 1,000
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*Including reappropriations of \$1712.

†Total salary \$7,000; Balance (\$6,000) under Graduate School.

OFFICE OF THE REGISTRAR**Administration**

Charles M. McConn, Registrar (C. S.).....\$ 4,000

Division of Admissions

Ira M. Smith, Examiner (C. S.).....\$ 2,500

George P. Tuttle, Examiner (C. S.)..... 2,200

Nettie M. Roberts, Stenographer (C. S.)..... 660

Florence A. Marmion, Stenographer (C. S.)..... 660

Division of Records and Reports

Levi A. Boice, Recorder (C. S.)..... 1,900

Tabitha J. Broadhurst, Assistant Recorder (C. S.)..... 1,080

Florence Blackburn, Assistant Recorder (C. S.)..... 840

General Assistants

_____, Stenographer (C. S.) 600

Marcia Hatton, Filing Clerk (C. S.)..... 780

Julia A. Oliver, Clerk (C. S.)..... 600

Total, Office of the Registrar.....\$15,820

BUSINESS OFFICE**Comptroller's Office**

Lloyd Morey, Comptroller and Instructor in Accountancy, (1 yr.).....\$3,000

Maude Stipp, Secretary to the Comptroller (C. S.)..... 1,100

_____, Stenographer (C. S.) 900

_____, Messenger and Filing Clerk (Student)..... 500

Auditor's Office

Maurice Zeigler, Auditor (C. S.) 1,500

_____, Assistant Auditor (C. S.)..... 1,200

Franc A. Durfey, Bookkeeper and Stenographer (C. S.)..... 1,020

Leanna R. Klopp, Bookkeeper (C. S.)..... 900

_____, Inventory Clerk (Student)..... 500

Mary E. Geip, Warrant Clerk (C. S.)..... 780

Florence G. Koch, Bookkeeper (C. S.)..... 720

Purchasing Agent's Office

_____, Purchasing Agent (C. S.).....\$ 1,800

Carl F. Miller, Assistant Purchasing Agent for Laboratories (C. S.).. 1,440

Warren M. Tullock, Assistant Purchasing Agent (C. S.)..... 1,400

_____, Chief Clerk (C. S.)..... 780

Irene L. Love, Order Clerk (C. S.)..... 900

Theodore Wellman, Order Bookkeeper (C. S.)..... 720

Marguerite Markland, Stenographer (C. S.)..... 720

Alice Matheny, Order Stenographer (C. S.)..... 660

_____, Traffic Clerk (C. S.)..... 720

Bursar's Office

Frank H. Beach, Bursar (C. S.)	1,500
Mary E. Stephens, Assistant Cashier (C. S.)	900
Ruth Brooke, Payroll Clerk (C. S.)	780
_____, Stenographer (C. S.)	660

Total, Business Office\$24,800

OFFICE OF THE LEGAL COUNSEL

Oliver A. Harker*, Professor of Law (Indef.) and Legal Counsel.....	
(1 yr.)	

OFFICE OF THE ADVISER TO FOREIGN STUDENTS

Arthur R. Seymour†, Associate in Romance Languages and Adviser to Foreign Students (1 yr.)	\$ 750
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THE LIBRARY**Administration**

Phineas L. Windsor, Director of the Library and Library School, (1 yr.)	\$ 4,000
_____, General Assistant (C. S.)	900
Clara A. Ricketts, General Assistant (C. S.)	900
_____, General Assistant (C. S.) (10 mos.)	650
_____, General Assistant	900
_____, Secretary (C. S.)	1,000
Edith M. Dyer, Stenographer (C. S.)	660
Beulah O. Mills, Stenographer (C. S.)	660

Total\$ 9,670

Order Department

F. K. W. Drury, Lecturer in Library School and Assistant Librarian, (1 yr.)	\$ 2,500
_____, Order Assistant (C. S.)	900
Katherine Doyle, Order Assistant (C. S.)	780
Clara M. Barnes, Order Assistant (C. S.)	780
Beulah B. Smith, Stenographer (C. S.)	900
_____, Stenographer (C. S.)	720

Total ..\$ 6,580

Gifts and Exchanges

Miles O. Price, Exchange Assistant (C. S.)	\$ 1,200
James B. Childs, Student Assistant, two-thirds time at \$40 per mo. (12 mo.)	480
_____, Student Assistant	780

Total ..\$ 2,460

*Salary, \$5,000, under College of Law.

†Total salary, \$2,750; balance (\$2,000) under Romance Languages.

Periodicals and Mail

Aurella Knapp, Assistant (C. S.).....	\$ 1,200
Esther Colvin, Clerk (Student)	720
Raymond W. Douglass, Clerk, (Student; ½ time 12 mo.).....	360
Robert Fulton, Clerk (Student ½ time, 12 mo.).....	360
<i>Total</i>	\$ 2,640

Catalog Department

Adah Patton, Lecturer in Library School and Catalog Librarian, (1 yr.)	\$ 1,800
Jane A. Craig, Catalog Reviser (C. S.).....	1,200
Ethel Bond, Instructor in Library School and Catalog Reviser, (1 yr.) Salary under Library School	
Lillie Cilley, Cataloger (C. S.).....	900
Amanda Flattery, Cataloger (C. S.).....	960
Nelle U. Branch, Cataloger (C. S.).....	960
_____, Cataloger (C. S.)	960
Nelle Signor, Cataloger (C. S.)	960
Sallie Vaught, Cataloger (C. S.)	900
Frances G. Klank, Cataloger (C. S.).....	900
Mary G. Barnes, Cataloger (C. S.)	900
Imogene Wintermute, Cataloger (C. S.).....	900
Cena L. Sprague, Cataloger (C. S.).....	900
Cleo Lichtenberger, Cataloger (C. S.).....	900
Katherine McGraw, Cataloger (C. S.).....	900
Sarita Robinson, Cataloger, Student (1 yr.).....	780
Mary G. Burwash, Cataloger (C. S.).....	900
_____, Cataloger (C. S.)	780
Mary L. Blackwell, Clerk (C. S.)	780
Floy Kern, Typist and in charge of multigraphing (C. S.).....	780
Josephine Lindholm, Clerk (Student ¾ time; 1 yr.).....	540
Nora Johanning, Clerk (C. S.).....	600
_____, Clerk	400
James Allen, Clerk, (Student; ½ time, 10 mos.).....	275
Margaret A. Cline, Clerk, (Student, ½ time, 10 mos.).....	275
<i>Total</i>	\$20,140

Loan Department

Emma R. Jutton, Lecturer in Library School and Loan Librarian, (12 mos.)	\$ 1,500
Elizabeth Bryan, Loan Assistant (C. S.)	1,000
Stella B. Galpin, Loan Assistant (C. S.).....	1,000
Susan B. Howard, Loan Assistant (C. S.).....	1,000
Vera K. Gher, Loan Assistant (C. S.).....	900
_____, Shelf Assistant, (Student ¾ time).....	510
_____, Shelf Assistant (Student ½ time)	330

Charles G. Birdsall, Shelf Assistant (Student, $\frac{1}{3}$ time).....	220
_____, Clerk, (Student, $\frac{1}{2}$ time).....	330
<i>Total</i> ..	\$ 7,120

Binding Department

Josie B. Houchens, Lecturer in Library School and Binding Librarian (C. S.)	\$ 1,400
Julia McGaughey, Clerk (Student, 1 yr.).....	720
_____, Clerk, (Student)	600
<i>Total</i> ..	\$ 2,720

Reference Department

Margaret Hutchins, Lecturer in Library School and Reference As- sistant, (12 mos.)	\$ 1,400
Alice S. Johnson, Lecturer in Library School and Reference As- sistant, (12 mos.)	1,400
Margaret Williams, Lecturer in Library School and Reference As- sistant, (12 mos.)	1,100
Anna M. Boyd, Instructor in Library School and Reference Assist- ant, (12 mos.)	1,200
<i>Total</i> ..	\$ 5,100

Departmental Libraries

Dorothy Cuthbert, Library Assistant in Classics, (Student).....	\$ 780
_____, Lecturer in Library School and Library Assistant in Modern Languages	1,000
_____, Lecturer in Library School and Library Assistant in History and Political Science	1,100
Hazel Y. Shaw, Library Assistant in Economics and Sociology (C.S.)	1,100
Nellie R. Roberts, Library Assistant in English (C. S.).....	1,100
Wilma L. Shelton, Library Assistant in Philosophy, Psychology and Education (C. S.)	1,000
_____, Library Assistant in Agriculture.....	1,400
Charles E. Janvrin, Library Assistant in Natural History ($\frac{1}{2}$ time; C. S.)	700
Marion Sparks, Library Assistant in Chemistry (C. S.).....	1,000
Marie Hedrick, Library Assistant in Mathematics and in General Library (C. S.)	900
Helene Doty, Assistant in Lincoln Hall Libraries (Student, $\frac{3}{4}$ time, 10 mos.)	450
Hilda J. Alseth, Assistant in Engineering Library (C. S.).....	900
<i>Total, Departmental Libraries</i>	\$11,430
<i>Total, Library</i>	\$67,860

OFFICE OF THE DEAN OF MEN

Thomas Arkle Clark*, Dean of Men (1 yr.) and Professor of Rhetoric (Indef.)	\$ 5,500
Arthur Ray Warnock, Assistant Dean of Men (12 mos.).....	2,250
————, Clerk (C. S.)	720
————, Clerk (Student, 12 mos.).....	600
Sue M. Fair, Stenographer (Exempt, 12 mos.).....	1,020
<i>Total, Office of the Dean of Men.....</i>	<i>\$10,090</i>

OFFICE OF THE DEAN OF WOMEN

Ruby E. C. Mason, Dean of Women (1 yr.).....	\$ 3,000
Ada Martin, Secretary (exempt; 12 mos.).....	1,200
<i>Total, Office of the Dean of Women.....</i>	<i>\$ 4,200</i>

DEPARTMENT OF PHYSICAL TRAINING FOR MEN

George A. Huff, Director (1 yr.).....	\$ 5,000
Harry Gill, Associate in Track Athletics (1 yr.).....	1,800
Ralph R. Jones, Associate in Basketball (1 yr.).....	900
Robert C. Zuppke, Associate in Football (1 yr.).....	1,000
Arthur J. Schuettner, Associate in Physical Training and Director of the Mens Gymnasium (12 mos.).....	1,800
Edward J. Manley, Manager of Intramural Athletics and Instructor in Swimming (1 yr.)	1,500
————, Assistant in Physical Training.....	1,500
David M. Bullock, Assistant in Athletic Training (10 mos.).....	600
<i>Total ..</i>	<i>\$14,100</i>

DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN

Louise Freer, Director (1 yr.)	\$ 1,700
Verna Brooks, Instructor (10 mos.).....	1,400
Anna Lue Hughitt, Instructor (10 mos.)	1,400
Caroline Ruth Morris, Assistant (10 mos.).....	1,100
Nellie Eileen Bussell, Instructor (10 mos.).....	1,200
————, Assistant (10 mos.)	600
Ruth Hoover, Student assistant (10 mos.).....	200
Elizabeth Goodrich, Caretaker of Womens Gymnasium (9 mos. from Sept. 18, 1918)	500
<i>Total, Physical Training for Women.....</i>	<i>\$ 8,100</i>

*Total Salary \$6,000; balance (500) charged to Department of English.

MILITARY DEPARTMENT

E. W. McCaskey, Commandant of Cadets (12 mos.).....	\$ 576
A. A. Harding*, Director of the Bands, and Assistant Professor of Music (1 yr.)	1,500
12 Assistants in Military Science at \$100 per year each.....	1,200
Scholarships for 114 Cadet Officers and 65 in Band; total 197 at \$30 each ..	5,370
-----, Armorer	840
-----, Administrative Assistant (C. S.).....	1,200
-----, Stenographer (C. S.)	720
<i>Total, Military Department.....</i>	<i>\$11,406</i>

OFFICE OF THE HIGH SCHOOL VISITOR

H. A. Hollister, Professor of Education (Indef.) and High School Visitor (12 mos.)	\$ 3,500
J. O. Marberry, Assistant High School Visitor (1 yr.).....	2,250
Winifred Amos, Secretary (C. S.).....	1,020
<i>Total, Office of the High School Visitor.....</i>	<i>\$ 6,770</i>

BLUEPRINTING AND PHOTOGRAPHY

Arthur G. Eldredge, Director of the Photographic Laboratory and Instructor (1 yr.)	\$ 3,000
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INFORMATION OFFICE AND STENOGRAPHIC BUREAU

H. E. Cunningham, Director†.....	
Anna L. Neuber, Stenographer (C. S.).....	\$ 900
-----, Stenographer (C. S.)	600‡
<i>Total not chargeable to other departments.....</i>	<i>\$ 900</i>

UNIVERSITY PRESS

H. E. Cunningham, Director of the University Press and of the Information Office, and Secretary of the Board of Trustees (1 yr.; Federal) ..	\$3,500
Beatrice Owens, University Secretary (C. S.).....	1,020**
Coramae Quandt, University Secretary (C. S.).....	900
<i>Total not chargeable to other departments.....</i>	<i>\$ 4,400</i>

*Total salary \$2,600; receives \$1,100 as Assistant Professor of Music under School of Music.

†Salary \$3,500, under University Press.

‡Not included in the Budget total; this and additional expenses of the Information Office, estimated at \$2,000, will be met from the receipts of the Stenographic Bureau and are not included in the Budget total.

**Salary and wages to be paid from charges to other departments and therefore not included in Budget total.

Wages

(The following scale of wages, in effect on August 1, 1918, is not included in the Budget total, as all sums expended are balanced by the amounts paid by the several departments of the University for the work done. It is estimated that the total expenditure will be about \$35,000 for the year.)

Composing Room

	Weekly rate
C. S. Pease, Foreman (C. S.).....	\$ 27.50
_____, Monotype Operator (C. S.).....	35.00
T. N. Garver, Compositor (C. S.).....	21.50
P. S. Wascher, Compositor (C. S.).....	20.00

Press Room

O. V. Pease, Foreman (C. S.).....	21.50
V. R. Richards, Feeder (C. S.).....	12.00
_____, Feeder (C. S.)	12.00

Bindery

Agnes Gerbing, Bindery Assistant (C. S.).....	10.00
Zola Empson, Bindery Assistant (C. S.).....	9.60

CHEMISTRY MANUFACTURES

Carl S. Marvel*, Assistant.....	1,400
Hubert W. Moor*, Assistant	1,200

Total\$ 2,600

COLLEGE OF LIBERAL ARTS AND SCIENCES**Office of the Dean**

Kendric C. Babcock, Dean of the College of Liberal Arts and Sciences (Indef.)	\$ 5,500
Robert E. Cushman, Associate in Political Science and Assistant Dean (1 yr.).....	200
Agnes McGurty, Secretary to the Dean (C. S.).....	1,200
Mabel F. Griffith, Record Clerk (C. S.).....	900
Evelyn Hill, Stenographer (C. S.)	900

Total\$ 8,700

Art and Design

Edward J. Lake, Assistant Professor (Indef.).....	\$ 2,700
Charles E. Bradbury, Associate (1 yr., from Sept. 1, 1918).....	1,700
Mary M. Wetmore, Instructor (10 mos.).....	1,500
Gideon R. Forbes, Instructor (10 mos.).....	1,600

Total\$ 7,500

*Salary and expenses paid from \$5,000 circulating fund provided by income from sales—not included in Budget total.

Astronomy

Joel Stebbins, Professor (Indef.)	\$ 4,000
Elmer Dershem, Instructor (10 mos.).....	1,400
<i>Total</i>	\$ 5,400

Bacteriology

Fred Wilbur Tanner, Associate (2 yrs. from Sept. 1, 1918).....	\$ 1,800
Ruth Scoville Funk, Assistant (10 mos.).....	600
_____, Assistant	500
Arthur Lee Moody, Lab. Helper (10 mos.; C. S.).....	800
<i>Total</i>	\$ 3,700

Botany

William Trelease, Professor (Indef.).....	\$ 5,000
Charles F. Hottes, Professor (Indef.).....	3,000
Frank L. Stevens, Professor (Indef.)	4,000
Walter B. McDougall, Assistant Professor (1 yr. from Sept. 1, 1918)....	1,800
Stella M. Hague, Instructor (10 mos.).....	1,200
Mary E. Renich, Assistant (½ time; 10 mos.).....	600
_____, Assistant (½ time; 10 mos.).....	600
Edwin R. Spencer, Assistant (½ time; 10 mos.).....	600
Alfred C. Voegelé, Assistant (½ time; 10 mo.).....	500
James Godkin, Assistant (½ time; 10 mo.).....	500
Cynthia E. Spencer, Assistant (½ time; 10 mos.).....	500
Helen A. McGinnis, Assistant (½ time, 10 mos.).....	500
_____, Assistant (½ time; 10 mos.).....	500
Dorothy J. Casheen, Graduate Assistant (¼ time; 10 mo.).....	300
Robert Fieg, Laboratory Helper (C. S.).....	660
_____, Stenographer	600
<i>Total</i>	\$20,860

Chemistry

William A. Noyes, Professor and Director (Indef.).....	\$ 5,500
Samuel W. Parr*, Professor of Applied Chemistry (½ time; Indef.)....	2,250
Edward Bartow, Professor (On leave for Military Service).....	
Wilson F. Monfort, Acting Professor of Sanitary Chemistry (¾ time)	
(1 yr.)	1,200
Richard C. Tolman, Professor (Indef.).....	3,250
David F. McFarland, Associate Professor of Applied Chemistry	
(Indef.)	2,800
George McP. Smith, Assistant Professor (3 yrs. from Sept. 1, 1918)....	2,500
Roger Adams, Assistant Professor (3 yrs. from Sept. 1, 1916).....	480
B. Smith Hopkins, Assistant Professor (1 yr. from Sept. 1, 1918).....	2,500
Howard B. Lewis, Assistant Professor (1 yr. from Sept. 1, 1918).....	2,400
George D. Beal, Assistant Professor (1 yr. from Sept. 1, 1918).....	2,200

*Total salary \$4,500; balance (\$2,250) under Engineering Experiment Station.

_____, Assistant Professor (1 yr.).....	2,200
Oliver Kamm, Assistant Professor (1 yr. from Sept. 1, 1918).....	2,100
_____, Associate (1 yr. from Sept. 1, 1918).....	1,700
Duane T. Englis, Instructor (10 mos.)	1,500
Rosalie Parr, Instructor (10 mos.).....	1,200
J. Gerhard Dietrichson, Instructor (10 mos.).....	1,600
Silas A. Braley, Instructor (10 mos.).....	1,800
Ruth Okey, Instructor (10 mos.).....	1,200
Ralph E. Rindfusz, Instructor (10 mos.).....	1,600
William D. Hatfield, Instructor ($\frac{2}{3}$ time; 10 mos.).....	1,200
_____, Instructor (10 mos.)	1,500
_____, Instructor (10 mos.).....	1,400
_____, Instructor (10 mos.).....	1,300
_____, Instructor (10 mos.)	1,200
George H. Coleman, Research Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
_____, Research Assistant (Water Chemistry) part-time; 10 mos. ..	300
_____, Research Assistant (Water Chemistry) part-time; 10 mos. ..	300
Allen E. Stearn, Assistant ($\frac{1}{2}$ time, 10 mos.).....	600
John A. Gunton, Assistant ($\frac{1}{2}$ time; 10 mos.).....	500
J. Freemont Corbett, Assistant ($\frac{1}{2}$ time; 10 mos.).....	500
Olive B. Johnson, Assistant ($\frac{1}{2}$ time; 10 mos.).....	500
Walter A. Lawrence, Assistant ($\frac{1}{2}$ time; 10 mos.).....	500
Mason J. Bradley, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
Susan E. Hosford, Assistant, ($\frac{1}{2}$ time; 10 mos.).....	500
Herbert E. French, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
Russell S. Bracewell, Assistant ($\frac{1}{2}$ time, 10 mos.).....	600
Ruth Merling, Assistant, ($\frac{1}{2}$ time, 10 mos.).....	600
Sargent G. Powell, Assistant, ($\frac{1}{2}$ time 10 mos.).....	600
Rosslene Arnold, Assistant, ($\frac{1}{2}$ time 10 mos.).....	600
_____, Assistant, ($\frac{1}{2}$ time 10 mos.).....	500
_____, Assistant ($\frac{1}{2}$ time; 10 mos.).....	500
_____, Assistant ($\frac{1}{2}$ time; 10 mos.).....	500
_____, Assistant	500
_____, Assistant	500
Otis A. Barnes, Graduate Assistant ($\frac{1}{2}$ time; 10 mos.).....	350
William A. Van Winkle, Graduate Assistant ($\frac{1}{2}$ time 10 mos.).....	350
Melta M. Shaus, Graduate Assistant ($\frac{1}{2}$ time, 10 mos.).....	300
Theresa M. Renner, Graduate Assistant ($\frac{1}{2}$ time, 10 mos.).....	300
Doris V. E. Bockius, Graduate Assistant ($\frac{1}{2}$ time, 10 mos.).....	350
Charles W. Colver, Graduate Assistant ($\frac{1}{2}$ time, 10 mos.).....	350
Volda E. Smith, Graduate Assistant ($\frac{1}{2}$ time, 10 mos.).....	300
Florence N. Schott, Graduate Assistant ($\frac{1}{2}$ time, 10 mos.).....	300
Edward A. Jude, Graduate Assistant ($\frac{1}{2}$ time, 10 mos.).....	300
Olive Richards, Graduate Assistant ($\frac{1}{4}$ time, 10 mos.).....	300
James H. Braucht, Graduate Assistant ($\frac{1}{4}$ time, 10 mos.).....	300
L. C. Peterson, Student Assistant (10 mos.).....	100

—————, Student Assistant ($\frac{1}{2}$ time; 10 mos.).....	500
—————, Student Assistant (10 mos.).....	100
—————, Student Assistant (10 mos.).....	100
—————, Student Assistant (10 mos.).....	100
—————, Student Assistant (10 mos.).....	100
—————, Student Assistant (10 mos.).....	100
—————, Student Assistant (10 mos.).....	100
Melborn R. Griggsby, Student Assistant ($\frac{1}{2}$ time, 10 mos.).....	500
Mayme L. Smith, Stenographer (C. S.).....	\$ 960
Emma J. Nyberg, Stenographer (C. S.).....	660
C. C. Crawford, Storekeeper (C. S.).....	1,080
Thomas Peel, Laboratory Helper (C. S.).....	1,020
Forrest Mock, Assistant Storekeeper (C. S.).....	960
O. J. Utterback, Laboratory Helper (C. S.).....	840
O. C. McMillan, Assistant Storekeeper (C. S.).....	960
A. D. Ater, Laboratory Helper (C. S.).....	780
C. E. Dalton, Laboratory Helper (C. S.).....	960
—————, Laboratory Helper (C. S.).....	720
Paul Williamson, Mechanician (C. S., 12 mos.).....	1,000
—————, Laboratory Helper (C. S.).....	480

Total\$72,850

Classics

Herbert J. Barton, Professor (Indef.) and Chairman (1 yr.).....	\$ 3,500
Charles M. Moss, Professor, <i>Emeritus</i>	1,900
William A. Oldfather, Professor (Indef.).....	3,000
Arthur S. Pease, Professor (Indef.) and Curator of the Museum of Classical Archeology (1 yr.)	3,000
Howard V. Canter*, Associate Professor (Indef.).....	1,350
James C. Austin, Assistant (10 mos.).....	1,100

Total\$13,850

Education

Werrett W. Charters, Dean of the College of Education (1 yr.) and Professor of Education (Indef.).....	5,000
Burdett R. Buckingham, Professor and Director of the Bureau of Educational Research (Indef.).....	4,500
Horace A. Hollister†, Professor (Indef.) and High School Visitor (1 yr.)	4,500
—————, Professor (Indef.)	4,500
—————, Professor	3,500
John A. Stevenson, Assistant Professor and Secretary (12 mos.).....	3,000
James M. O'Gorman, Lecturer (5 mos.).....	1,000

*On leave of absence on one-half salary.

†Salary, \$3,500, under Office of High-School Visitor.

_____, Lecturer (5 mos.)	1,000
_____, Assistant and Secretary of Appointments Committee (12 mos.) ..	1,500
(Mrs.) Nell C. Johnston, Assistant ($\frac{1}{2}$ time, 10 mos.)	500
_____, Assistant ($\frac{1}{2}$ time; 10 mos.)	500
_____, Assistant ($\frac{1}{2}$ time; 10 mos.)	500
Donna B. Merchant, Stenographer (C. S.)	900
Ida Luther, Stenographer (C. S.)	720

Total\$27,120

English

Stuart P. Sherman, Professor, (Indef.) and Chairman (1 yr.)	5,500
Daniel K. Dodge, Professor, (Indef.)	3,250
Thomas A. Clark*, Professor (Indef.) and Dean of Men (1 yr.)	500
Ernest Bernbaum, Professor, (Indef.)	3,750
Homer E. Woodbridge, Visiting Professor (1 yr.)	2,000
Harry G. Paul, Associate Professor (Indef.)	3,000
Edward C. Baldwin, Assistant Professor (Indef.)	2,300
Franklin W. Scott, Assistant Professor (Indef.) and Secretary (1 yr.; part time)	1,500
Harry S. V. Jones, Assistant Professor (Indef.)	2,400
Jacob Zeitlin, Assistant Professor (3 yrs. from Sept. 1, 1916)	2,200
Harry F. Harrington, Assistant Professor, (1 yr. from Sept. 1, 1918.)	2,200
Charles H. Woolbert, Assistant Professor of Public Speaking, (3 yrs. from Sept. 1, 1918)	2,700
Clarence V. Boyer, Associate (1 yr. from Sept. 1, 1918)	1,800
Herbert L. Creek, Associate (1 yr. from Sept. 1, 1918)	2,000
Harry T. Baker, Associate (1 yr. from Sept. 1, 1918)	1,500
Lew R. Sarett, Associate (1 yr. from Sept. 1, 1918)	2,000
Gertrude Schoepperle, Associate (1 yr. from Sept. 1, 1918)	1,500
Martha J. Kyle, Instructor (10 mos.)	1,500
Clarissa Rinaker, Instructor (10 mos.)	1,400
Mervin J. Curl, Instructor (10 mos.)	1,500
Easley S. Jones, Instructor (10 mos.)	1,400
Robert C. Whitford, Instructor (10 mos.)	1,400
_____, Instructor (10 mos.)	1,200
Allene Gregory, Instructor (10 mos.)	1,500
_____, Instructor (10 mos.)	1,200
William B. Jones, Assistant (10 mos.)	1,200
Elmo S. Watson, Assistant (10 mos.)	1,500
Ruth Kelso, Assistant (10 mos.)	1,200
Clyde B. Beck, Assistant (10 mos.)	1,000
Beatrice V. Copley, Assistant (10 mos.)	1,100
_____, Assistant ($\frac{1}{2}$ time, 10 mos.)	500
Chester C. Harbison, Assistant (10 mos.)	1,300
_____, Assistant (10 mos.)	1,100

*Total salary \$6,000; balance (\$5,500) as Dean of Men.

_____, Assistant ($\frac{1}{2}$ time, 10 mos.).....	600
Marjorie Walker, Assistant (10 mos.).....	1,000
_____, Assistant ($\frac{1}{2}$ time; 10 mos.).....	500
Frances Garwood, Stenographer (C. S.).....	900

Total\$63,100

Entomology

Stephen A. Forbes, Professor (Indef.).....	1,000
Alexander D. MacGillivray, Professor (Indef.).....	3,000
Justus W. Folsom, Assistant Professor (Indef.).....	2,600
Robert D. Glasgow, Instructor (10 mos.).....	1,600
_____, Assistant (10 mos.)	600

Total\$ 8,800

Geology

Eliot Blackwelder, Professor (Indef.).....	\$ 4,200
William S. Bayley, Professor (Indef.).....	3,000
Thomas E. Savage, Associate Professor (Indef.).....	2,700
Charles W. Tomlinson, Associate (2 yrs. from Sept. 1, 1917).....	2,000
Alyda C. Hansen, Assistant (10 mos.).....	1,200
Carl von Schlichten, Assistant ($\frac{1}{2}$ time, 10 mos.).....	500
Ralph D. Reed, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
Gertrude O'Brien, Stenographer (C. S.).....	900
_____, Lab. Helper (10 mos.).....	400

Total\$15,500

German

Julius Goebel, Professor (1 yr.).....	\$ 3,750
Otto E. Lessing, Professor (Indef.).....	3,500
George T. Flom, Associate Professor (Indef.).....	3,000
Neil C. Brooks, Assistant Professor (Indef.) and Curator of the Museum of European Culture (1 yr.).....	2,700
Leonard Bloomfield, Assistant Professor (3 yrs. from Sept. 1, 1916)....	2,200
Charles A. Williams, Associate (1 yr. from Sept. 1, 1918).....	1,800
Armin H. Koller, Instructor (10 mos.).....	1,700

Total\$18,650

History

Evarts B. Greene, Professor (Indef.).....	\$ 5,000
Clarence W. Alvord, Professor ($\frac{1}{2}$ time, Indef.).....	1,750
Laurence M. Larson, Professor (Indef.).....	3,700
Albert H. Lybyer, Professor (Indef.).....	3,000
Albert T. Olmstead, Professor (Indef.).....	3,000
William S. Robertson, Associate Professor (Indef.).....	2,800
Arthur C. Cole, Assistant Professor (1 yr. from Sept. 1, 1918).....	2,000
Paul V. B. Jones, Associate (2 yrs. from Sept. 1, 1918).....	2,000

Joseph W. Swayne, Instructor (10 mos.).....	1,200
Byrne F. Goodman, Assistant (part time, 10 mos.).....	600
Ezra E. Bauer, Secretary (½ time, 10 mos.).....	400
<i>Total</i>	\$25,450

Mathematics

Edgar J. Townsend, Professor (Indef.)	\$ 4,500
George A. Miller, Professor (Indef.).....	3,750
James B. Shaw, Professor (Indef.).....	3,000
Robert D. Carmichael, Associate Professor (Indef.).....	3,000
Arnold Emch, Assistant Professor (3 yrs. from Sept. 1, 1916).....	2,500
Arthur R. Crathorne, Assistant Professor (3 yrs., from Sept. 1, 1916)	2,200
Gustaf E. Wahlin, Assistant Professor (1 yr. from Sept. 1, 1918).....	2,000
Aubrey J. Kempner, Assistant Professor (1 yr. from Sept. 1, 1918).....	2,000
Ernest B. Lytle, Associate (2 yrs. from Sept. 1, 1918).....	2,000
Henry Blumberg, Associate, (1 yr.).....	1,900
Edward W. Chittenden, Associate, (1 yr. from Sept. 1, 1918).....	1,600
J. E. McAtee, Instructor (10 mos.).....	1,500
Richard F. Borden, Instructor (10 mos.).....	1,200
L. L. Steimley, Assistant (½ time, 10 mos.).....	600
Roscoe Woods, Assistant (½ time, 10 mos.).....	600
Joseph B. Rosenbach, Assistant (½ time, 10 mos.).....	500
C. H. Richardson, Assistant (½ time, 10 mos.).....	600
<i>Total</i>	\$33,450

Philosophy

Arthur H. Daniels, Professor (Indef.).....	\$ 4,000
Boyd H. Bode, Professor (Indef.).....	3,500
Axel Brett, Assistant (½ time, 10 mos.).....	500
<i>Total</i>	\$ 8,000

Physiology

William E. Burge, Assistant Professor (1 yr. from Sept. 1, 1918).....	\$ 2,800
Alma J. Neill, Assistant (10 mos.).....	1,100
Richard I. Sigler, Assistant (10 mos.).....	1,300
<i>Total</i>	\$ 5,200

Political Science

James W. Garner, Professor (Indef.).....	\$ 4,500
John A. Fairlie, Professor (Indef.).....	3,500
John M. Mathews, Associate Professor (Indef.).....	2,700
Robert E. Cushman, Associate (1 yr. from 9-1-18).....	2,000
—————, Assistant (½ time, 10 mos.).....	500
<i>Total</i>	\$13,200

Psychology

Madison Bentley*, Professor (Indef.).....	
Christian A. Ruckmich, Assistant Professor (1 yr.).....	\$ 2,400
Carl Rahn, Associate (1 yr. from Sept. 1, 1918).....	1,800
M. A. Meyers, Assistant (½ time, 10 mos.).....	600
Coleman R. Griffith, Assistant (½ time, 10 mos.).....	600
Hilda L. Kohl, Student Assistant.....	100
Total	\$ 5,500

Romance Languages

Kenneth McKenzie†, Professor (Indef.) and Head of the Department (1 yr.)	\$ 2,000
Thomas E. Oliver, Professor (Indef.).....	3,000
John D. Fitz-Gerald, Professor (Indef.) Chairman (1 yr.).....	3,000
David H. Carnahan, Professor (Indef.).....	3,000
Olin H. Moore, Assistant Professor (1 yr., from Sept. 1, 1918).....	2,100
Arthur R. Seymour‡, Associate (2 yrs. from Sept. 1, 1917) and Ad- viser to Foreign Students (1 yr.).....	2,000
Homero Seris, Associate (1 yr. from Sept. 1, 1918).....	1,600
John Van Horne, Instructor (10 mos.).....	1,600
John R. Shulters, Assistant Instructor (10 mos.).....	1,200
Charles S. Carry, Assistant (10 mos.).....	1,300
Rafael A. Soto, Assistant (10 mos.).....	1,200
Manuel Lopez, Assistant (10 mos.).....	1,200
Jane C. Watson, Assistant (10 mos.).....	1,000
Pedro Bach y Rita, Assistant (10 mos.).....	1,100
Mildred Dimmick, Assistant (10 mos.).....	1,200
Eliza Curtis, Assistant (½ time, 10 mos.).....	600
Total	\$27,100

Sociology

Edward C. Hayes, Professor (Indef.).....	\$ 3,500
James G. Stevens, Associate (1 yr. from Sept. 1, 1918).....	1,700
Edward B. Reuter, Assistant (10 mos.).....	1,500
Total	\$ 6,700

Zoology

Henry B. Ward, Professor (Indef.).....	\$ 5,000
Frank Smith, Professor (Indef.)	3,250
John S. Kingsley, Professor (Indef.).....	3,500
Charles Zeleny, Professor (Indef.).....	3,000
Victor E. Shelford, Assistant Professor (1 yr.).....	2,300
Harley J. Van Cleave, Associate, (2 yrs. from Sept. 1, 1918).....	1,900
E. C. Faust, Instructor (10 mos.).....	1,400

*On leave for military service.

†Detailed as representative of the University to the American University Union in Europe.

‡Salary as Adviser, \$750.

Joseph Krafka, Research Assistant (12 mos., from July 1, 1918).....	720
Ezra C. Harrah, Research Assistant (12 mos. from July 1, 1918).....	1,000
Lester C. Ver Nooy, Assistant (½ time, 10 mos.).....	600
Florence Hague, Assistant (½ time; 10 mos.).....	600
Lloyd D. Dickey, Assistant (½ time, 10 mos.).....	500
George B. Claycomb, Graduate Assistant (10 mos.).....	350
Lenna B. Woods, Graduate Assistant (10 mos.).....	300
Anna Collins, Graduate Assistant (10 mos.).....	300
_____, Graduate Assistant (10 mos.).....	300
Katherine H. Paul, Scientific Artist (10 mos.).....	1,300
Robert Schmidt, Technician and Store Keeper, (12 mos. from July 1, 1918)	1,200
_____, Vivarium Attendant	250
_____, Stenographer (C. S.)	600
Total	\$28,370

Museum of Natural History

Frank C. Baker, Curator (1 yr. from Sept. 1, 1918).....	\$ 2,500
Total, College of Liberal Arts and Sciences.....	\$421,500

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Office of the Dean

N. A. Weston, Acting Dean (1 yr.) and Assistant Professor of Economics (Indef.)	\$ 3,500
Marie A. Gordon, Clerk and Stenographer (C. S.).....	900
Total	\$ 4,400

Business Organization and Operation

_____, Associate Professor of Business Organization and Operation	\$ 3,500
H. T. Scovill, Assistant Professor of Accountancy (3 yrs. from Sept. 1, 1917)	3,000
_____, Associate in Business English and Salesmanship (1 yr.)	2,250
A. C. Littleton, Instructor in Accountancy (10 mos.).....	1,800
Charles Le Deuc, Instructor in Accountancy (10 mos.).....	1,800
W. E. Britton, Instructor in Business Law (10 mos.).....	1,800
Lloyd Morey*, Comptroller and Instructor in Accountancy (1 yr.).....	
H. H. Bailey, Assistant in Accountancy (½ time).....	600
_____, Assistant in Accountancy (½ time).....	600
Total	\$15,350

Economics

David Kinley†, Vice-President, Dean of the Graduate School (1 yr.) and Professor of Economics (Indef.).....	
M. H. Robinson, Professor of Industry and Transportation (Indef.).....	\$3,500

*Salary \$3,000, under Business Office.

†Salary (\$7,000) under Office of Vice-President and Dean of the Graduate School.

E. L. Bogart*, Professor of Economics.....	1,750
N. A. Weston†, Acting Dean (1 yr.) and Assistant Professor of Economics (Indef.)	
C. M. Thompson, Associate Professor of Economics (2 yrs. from Sept. 1, 1917)	3,000
Simon Litman, Assistant Professor of Economics (Indef.).....	2,750
....., Instructor in Economics (1 yr.).....	2,250
Gordon Watkins, Instructor in Economics (10 mos.).....	1,500
M. H. Hunter, Instructor in Economics (10 mos.).....	1,600
....., Instructor in Economics (10 mos.).....	1,800
....., Assistant in Economics (10 mos.).....	1,200
W. W. Jennings, Assistant in Economics (10 mos.).....	1,000
....., Assistant in Economics (10 mos.).....	1,000
....., Assistant in Economics (½ time, 10 mos.).....	500
Total	\$21,850

Transportation

E. R. Dewsnap‡, Professor of Railway Administration (Indef.).....	
G. B. McMillen, Instructor in Railway Administration (10 mos.).....	1,500
Total	\$ 1,500

Office of Community Adviser

R. E. Hieronymous#, Community Adviser (1 yr.).....	\$ 1,750
Total	\$ 1,750
Total, College of Commerce and Business Administration.....	\$44,850

COLLEGE OF ENGINEERING**Office of the Dean**

Charles R. Richards, Dean of the College of Engineering and Director of the Engineering Experiment Station (Indef.).....	\$ 6,000
Harvey H. Jordan**, Assistant Dean of the College of Engineering (1 yr.) and Assistant Professor of General Engineering Drawing (3 yrs. from Sept. 1, 1918).....	200
L. Mae Manspeaker, Secretary to the Dean (12 mos. Exempt).....	1,400
Sara M. Slater, Record Clerk (C. S.).....	900
Genevieve Klank, Stenographer (C. S.).....	780
Jessie M. Beaver, Stenographer (C. S.).....	660
Helen D. Small, Stenographer (C. S.).....	660
Elsie L. Baechtold, Librarian in the Engineering Library (C. S.).....	1,200
Total	\$11,800

*On leave of absence on half salary.

†Salary \$3,500, under Office of Dean.

‡On leave for war service without salary.

#Total salary \$3,500; balance (\$1750) under Agricultural College Extension.

**Total salary \$2,400; balance (\$2,200) under General Engineering Drawing.

Architecture

Loring H. Provine, Professor of Architectural Engineering (Indef.)..	\$ 3,500
Acting Head of the Department (1 yr.).....	500
Nathan C. Ricker†, Professor, Emeritus.....	2,150
James M. White‡, Professor of Architectural Engineering (Indef.) and Supervising Architect (1 yr.).....	
Newton A. Wells, Professor of Architectural Decoration (Indef.).....	2,800
Nathaniel C. Curtis, Associate Professor of Architectural Design (1 yr.)	3,000
Charles R. Clark, Assistant Professor of Architectural Construc- tion (3 yrs. from Sept. 1, 1918).....	2,400
Robert T. Jones, Associate in Architecture (2 yrs. from Sept. 1, 1918) ..	2,200
Donald M. Allison, Associate in Architectural Design (1 yr.).....	2,400
Cyrus E. Palmer, Associate in Architectural Engineering (2 yrs. from Sept. 1, 1918)	1,900
_____, Associate in Architectural Design.....	2,000
William S. Wolfe, Instructor in Architectural Engineering (10 mos.)....	1,800
William F. McCaughey, Jr., Instructor in Architectural Design (10 mos.) ..	1,500
_____, Instructor in Free-Hand Drawing (10 mos.).....	1,800
_____, Instructor in Architectural Design (10 mos.).....	1,800
_____, Instructor in Architectural Design (10 mos.).....	1,500
Winifred Fehrenkamp, Librarian in the Ricker Library of Architec- ture (12 mos.)	1,300
_____, Clerk (C. S.)	600
<i>Total</i> ..	\$33,150

Ceramic Engineering

Edward W. Washburn, Professor of Ceramic Chemistry and Head of the Department of Ceramic Engineering (Indef.).....	5,000
Cullen W. Parmelee, Professor (Indef.).....	3,500
Ralph K. Hursh, Assistant Professor (3 yrs. from Sept. 1, 1916).....	2,500
_____, Instructor (10 mos.)	1,600
Earl E. Libman, Assistant (10 mos.).....	1,000
Joseph Johnson, Laboratory Assistant and Potter (12 mos.).....	1,400
Arthur W. Wright, Laboratory Attendant (C. S.).....	840
Bertha M. Grierson, Clerk and Librarian (C. S.).....	720
<i>Total</i> ..	\$16,560

Civil Engineering

Frederick H. Newell, Professor of Civil Engineering and Head of the Department (Indef.).....	\$ 5,000
Ira O. Baker, Professor (Indef.).....	4,000

†Retiring allowance.

‡Salary (\$6,000) under Office of the Supervising Architect.

Charles A. Ellis, Professor of Structural Engineering (Indef.).....	3,200
James E. Smith, Assistant Professor (3 yrs. from Sept. 1, 1916).....	2,200
———, Assistant Professor of Civil Engineering (3 yrs. from Sept. 1, 1918) and Assistant to the Director of the Engineering Experiment Station (1 yr.)	1,500
Neal B. Garver, Associate (1 yr. from Sept. 1, 1918).....	2,000
Carrol C. Wiley, Associate (2 yrs. from Sept. 1, 1918).....	2,000
William H. Rayner, Associate (2 yrs. from Sept. 1, 1918).....	2,000
———, Instructor in Structural Engineering (10 mos.).....	1,200
Benjamin L. Bowling, Assistant in Highway Laboratory (12 mos.).....	1,200
Louis A. Lietz, Clerk (C. S.).....	720
Total	\$25,020

Electrical Engineering

Ellery B. Paine, Professor of Electrical Engineering (Indef.).....	\$ 3,500
Acting Head of the Department (1 yr.).....	500
Morgan Brooks, Professor (Indef.).....	3,000
Edward H. Waldo, Assistant Professor of Electrical Design (Indef.)	2,400
Philip S. Biegler, Assistant Professor (3 yrs. from Sept. 1, 1918).....	2,500
Ira W. Fisk, Assistant Professor (3 yrs. from Sept. 1, 1918).....	2,400
Leonard V. James, Associate (2 yrs. from Sept. 1, 1918).....	2,000
Abner R. Knight, Associate (2 yrs. from Sept. 1, 1918).....	2,000
Ernest A. Reid, Instructor (10 mos.).....	1,600
Walter S. Goodspeed, Mechanician (C. S.).....	1,300
Rachel Entorf, Clerk (C. S.).....	780
Total	\$21,980

General Engineering Drawing

Harvey H. Jordan*, Assistant Professor of General Engineering Drawing (3 yrs. from Sept. 1, 1918) and Assistant Dean of the College of Engineering (1 yr.).....	\$ 2,200
Francis M. Porter, Associate (1 yr. from Sept. 1, 1918).....	1,800
Randolph P. Hoelscher, Instructor (10 mos.).....	1,500
William J. Bingen, Instructor (10 mos.).....	1,200
Charles L. Ellis, Instructor (10 mos.).....	1,200
James Earl Robertson, Instructor (10 mos.).....	1,400
———, Instructor (10 mos.).....	1,200
Maurice L. Cornelius, Student Assistant (Half-time; 10 mos.).....	300
Total	\$10,800

*Total salary \$2,400; balance (\$200) as Assistant Dean.

Mechanical Engineering

Charles R. Richards*, Acting Professor of Mechanical Engineering and Head of the Department	
George A. Goodenough, Professor of Thermodynamics (Indef.).....	4,000
Oscar A. Leutwiler, Professor of Machine Design (Indef.).....	3,700
Arthur C. Willard, Professor of Heating and Ventilation (Indef.)....	3,500
Gustav H. Radebaugh, Associate in Machine Shop Practise and Management (2 yrs. from Sept. 1, 1918) Acting Director of the Shop Laboratories (1 yr.)	2,200
Harry F. Godeke, Associate in Steam Engineering (1 yr. from Sept. 1, 1918).....	2,000
Arthur C. Harper, Associate in Machine Design (1 yr. from Sept. 1, 1918)..	2,000
Edgar MacNaughton, Associate (1 yr.).....	1,800
Earl D. Hay, Associate in Machine Design (2 yrs. from Sept. 1, 1918)	2,000
William H. Severns, Instructor (10 mos.).....	1,500
John Grennan, Instructor in Foundry Practise and Management (12 mos.)	1,800
B. Rupert Hall, Instructor in Pattern-Shop Practise and Management (10 mos.).....	1,500
H. Halouk Fikret, Instructor (10 mos.).....	1,600
———, Assistant to the Director of the Shop Laboratories and Instructor in Shop Management (12 mos.).....	2,000
Francis A. Hobart, Instructor in Machine Shop Practise and Management (12 mos.).....	1,800
Edgar T. Lanham, Instructor in Forge Shop Practise (10 mos.).....	1,500
J. Harvey Hogue, Instructor in Foundry Practise (10 mos.).....	1,500
James M. Duncan, Assistant in Pattern-Making (10 mos.).....	1,300
Peter J. Rebman, Assistant in Forge Work (10 mos.).....	1,300
John A. Frisk, Assistant in Mechanical Engineering and Mechanician in the Mechanical Engineering Laboratory.....	1,200
William E. Alley, Assistant in Mechanical Engineering and Mechanician in the Mechanical Engineering Laboratory.....	1,500
William T. Pope, Assistant and Mechanician in the Shop Laboratories (12 mos.)	1,500
Wm. C. Deem, Assistant Mechanician in the Shop Laboratories (C. S.)	660
Thomas C. Byland, Tool-Room Attendant in the Pattern Shop (C. S.)	840
———, Tool-Room Attendant in the Mechanical Engineering Laboratory (C. S.)	720
James M. Dunseth, Tool-Room Attendant in the Machine Shop (C. S.)	660
Margaret L. Hayes, Clerk (C. S.).....	900
<i>Total</i> ..	\$ 44,980

*Salary (\$6,000) under Office of the Dean.

Mining Engineering

Harry H. Stoek, Professor of Mining Engineering and Head of the Department (Indef.)	\$ 5,000
Clinton M. Young*, Assistant Professor of Mining Research (1 yr. from July 1, 1918)	
Ray W. Arms, Instructor (10 mos.)	1,600
Herman J. Vanderbeek, Mechanician (C. S.)	1,100
Florence A. Nyberg, Clerk (C. S.)	900
Total	\$ 8,600

Municipal and Sanitary Engineering and Theoretical and Applied Mechanics

Arthur N. Talbot, Professor of Municipal and Sanitary Engineering; in Charge of Theoretical and Applied Mechanics (Indef.)	\$ 5,500
Melvin L. Enger, Professor of Mechanics and Hydraulics (Indef.)	3,000
Fred B. Seely, Assistant Professor of Theoretical and Applied Mechanics (3 yrs. from September 1, 1918)	2,500
Virgil R. Fleming, Assistant Professor of Applied Mechanics (3 yrs. from Sept. 1, 1918)	2,200
George P. Boomsliter, Associate in Theoretical and Applied Mechanics (2 yrs. from Sept. 1, 1918)	2,100
Newton E. Ensign, Associate in Theoretical and Applied Mechanics (2 yrs. from Sept. 1, 1918)	2,100
William J. Putnam, Instructor in Theoretical and Applied Mechanics (10 mos.)	1,800
Harald M. Westergaard, Instructor in Theoretical and Applied Mechanics (10 mos.)	1,800
Frank E. Richart, Instructor in Theoretical and Applied Mechanics (10 mos.)	1,600
Robert Pergande, Mechanician (C. S.)	1,320
Ruth J. White, Clerk (C. S.)	600
Total	\$24,520

Physics

Albert P. Carman, Professor of Physics and Head of the Department (Indef.) ..	\$ 5,000
Charles T. Knipp, Professor of Experimental Electricity (Indef.)	3,200
Floyd R. Watson, Professor of Experimental Physics (Indef.)	3,200
Jakob Kunz, Associate Professor of Mathematical Physics (Indef.)	3,000
William F. Schulz, Assistant Professor (Indef.)	2,400
Elmer H. Williams, Assistant Professor of Experimental Physics (3 yrs. from Sept. 1, 1918)	2,200
William W. Merryman, Assistant (10 mos.)	1,200
Sebastian Karrer, Instructor (10 mos.)	1,500

*Salary (\$2,600) under Coal Mining Investigations.

Charles F. Hill, Assistant (10 mos.).....	1,200
Carl E. Pike, Assistant (10 mos.).....	1,200
Bird R. Stephenson, Assistant (10 mos.).....	1,200
Eleanor F. Seiler, Assistant (Part-Time; 10 mos.).....	700
———, Assistant (Part-Time; 10 mos.).....	600
———, Assistant (Part-Time; 10 mos.).....	600
James B. Hays, Assistant and Mechanician and Instrument-Maker (12 mos.)	1,650
Ernest Stormont, Helper to the Mechanician (C. S.).....	840
Henry T. Wyninger, Storekeeper (C. S.).....	900
Della M. Rogers, Clerk (C. S.).....	840
<i>Total</i>	\$31,430

Railway Engineering.

Edward C. Schmidt*, Professor of Railway Engineering and Head of the Department (Indef.).....	
John M. Snodgrass, Associate Professor of Railway Mechanical Engineering (Indef.) and Acting Head of the Department of Rail- way Engineering (1 yr.).....	3,000
———, Assistant Professor of Railway Electrical Engineering (3 yrs. from Sept. 1, 1918).....	2,800
———, Assistant Professor of Railway Civil Engineering (3 yrs., from Sept. 1, 1918).....	2,800
———, Mechanician (C. S.)	1,000
Bertha G. States, Clerk (C. S.).....	780
<i>Total</i>	\$10,380

Engineering Experiment Station

Charles R. Richards†, Dean of the College of Engineering and Direc- tor of the Engineering Experiment Station (Indef.).....	
———, Assistant to the Director (1 yr.).....	2,000
Herbert F. Moore, Research Professor of Engineering Materials (Indef.)	3,200
Samuel W. Parr‡, Professor of Applied Chemistry (Indef.).....	2,250
Willis A. Slater, Research Assistant Professor of Applied Mechanics (3 yrs. from Sept. 1, 1918).....	2,200
Alonzo P. Kratz, Research Assistant Professor of Mechanical Engi- neering (3 yrs. from Sept. 1, 1918).....	2,200
Harrison F. Gonnerman, Research Assistant Professor of Theoreti- cal and Applied Mechanics (3 yrs. from Sept. 1, 1918).....	2,400
Harold H. Dunn, Research Associate in Railway Engineering (2 yrs. from Sept. 1, 1918).....	2,100
———, Research Assistant in Electrical Engineering (12 mos.).....	1,800

*On leave of absence for military service.

†Salary (\$6,000) under Office of the Dean.

‡Total salary \$4,500; balance (\$2,250) under Department of Chemistry of the College of Liberal Arts and Sciences.

_____, Research Assistant in Mechanical Engineering (12 mos.)	1,800
Elmer F. Heater, Draftsman (12 mos.)	1,200
Mary L. Shay, Editorial Assistant (C. S.)	900
Sadie A. Jones, Stenographer (C. S.)	780
Winfield Davis, Mailing Clerk (C. S.)	600

Total\$23,430

Coal Mining Investigations

Clinton M. Young, Assistant Professor of Mining Research (1 yr. from July 1, 1918)	2,600
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Total\$26,030

Total, College of Engineering and Engineering Experiment Station\$265,250

COLLEGE OF AGRICULTURE

Administration—General

Eugene Davenport, Dean of the College of Agriculture (1 yr.)	
Professor of Thremmatology (Indef.) Director of the Experiment Station (1 yr.) Director of Agricultural Extension Service (1 yr.)	\$ 6,000
Anna C. Glover, Secretary, Station (1 yr.; Federal)	1,800
Florence E. Smith, Chief Editorial Assistant, Station (1 yr. from Sept. 1, 1918)	1,320
Winona C. Hyland, Secretary to Dean and Director (1 yr. from Sept. 1, 1918) College and Station	1,320
_____, Clerk (C. S.)	1,080
Ruth Swedenborg, University Stenographer (Federal)	900

Total\$12,420

Smith-Lever Administration

Walter F. Handschin*, Vice-Director of Extension Service, (3 yrs. from Sept. 1, 1918—on part time)	2,800
George N. Coffey, State Leader of County Advisers (3 yrs. from Sept. 1, 1918)	3,200
James D. Bilsborrow, Assistant State Leader of Extension Service (3 yrs. from Sept. 1, 1918)	3,000
Harold C. M. Case**, Asst. State Leader of Extension Service (2 yrs. from Sept. 1 1918—1½ time)	1,200
Charles A. Atwood, Assistant State Leader of Extension Service (2 yrs. from Sept. 1, 1918)	2,100
Daphne H. MacNeill, Secretary in the Dept. of Extension Service (1 yr.)	1,200
Blanche Lewis, Stenographer (1 yr.)	840
Irene Barnard, Stenographer (1 yr.)	840

*Total salary, \$4,000. See also Farm Org. and Man.

**Total salary, \$2,400. See also Farm Org. and Man.

Elizabeth Dryer, Stenographer (part time, 1 yr.).....	600
Irene Condit, Stenographer (1 yr.).....	780
_____, Secretary	960
<i>Total</i>	\$17,520

Agricultural College Extension

Fred H. Rankin, Superintendent of Agricultural College Extension (Indef.) and Assistant to the Dean (1 yr.).....	\$ 3,500
Robert E. Hieronymus*, Community Adviser (3 yrs. from Sept. 1, 1918)	1,750
Albert W. Jamison, Assistant Superintendent Agricultural College Extension (3 yrs. from Sept. 1, 1918).....	2,500
Aretas W. Nolan†, Assistant Professor Agricultural College Extension (Indef.)	2,400
James H. Greene, State Leader in Junior Extension (2 yrs. from Sept. 1, 1918)	2,100
Joseph H. Checkley, Associate in Agricultural College Extension and Student Adviser (2 yrs. from Sept. 1, 1918).....	1,800
Mrs. Alice V. Hamilton, Student Record Keeper (C. S.).....	1,200
_____, Stenographer (C. S.; part time).....	360
_____, Stenographer (C. S.)	780
<i>Total</i>	\$16,390

Agronomy

Cyril G. Hopkins, Professor of Agronomy, Chief in Agronomy and Chemistry (Indef.) Vice-Director of Station (1 yr.).....	5,500
Jeremiah G. Mosier, Professor of Soil Physics, College and Chief in Soil Physics, Station, (Indef.)	4,000
Louie H. Smith, Professor of Plant Breeding, College and Chief in Plant Breeding, Station (Indef.).....	3,500
Robert Stewart, Professor of Soil Fertility, College, and Chief in Soil Fertility, Station (3 yrs., from Sept. 1, 1918).....	3,500
William L. Burlison, Professor of Crop Production, College, and Chief in Crop Production, Station (3 yrs., from Sept. 1, 1918).....	3,500
J. E. Readheimer, Professor of Soils in Extension (Salary begins when he reports for duty)	3,600
Albert L. Whiting, Associate Professor of Soil Biology, College and Associate Chief in Soil Biology, Station (3 yrs. from Sept. 1, 1918)	3,000
_____, Assistant Professor of Farm Crops, Extension.....	3,000
Ernest Van Alstine‡, Assistant Chief in Charge of Soils Laboratory, (Sta.) (1 yr., from Sept. 1, 1918.).....	

*Total salary, \$3,500; balance (\$1,750) paid by College of Commerce.

†One-half salary paid by Smith-Hughes.

‡Salary, \$2,500; on leave of absence without salary.

Axel F. Gustafson†, Assistant Professor of Soil Physics, College and Assistant Chief in Soil Physics, Station, (1 yr., from Sept. 1, 1918) ..	2,400
Frank A. Wyatt, Assistant Professor of Soil Fertility, College, Assistant Chief in Soil Fertility, Station (3 yrs., from Sept. 1, 1918) ..	2,400
Frederick C. Bauer‡, Assistant Professor of Soil Fertility, College and Assistant Chief in Soil Fertility, Station, (1 yr., from Sept. 1, 1918) ..	2,400
Henry C. Wheeler, Associate in Soil Physics, Station (2 yrs., from Sept. 1, 1918) ..	2,400
Ward H. Sachs, Associate in Soil Analysis, Station (2 yrs., from Sept. 1, 1918) ..	2,400
—————, Associate in Soil Analysis, Station.....	1,000
Frank William Garrett, Associate in Soil Fertility, Station, (2 yrs., from Sept. 1, 1918).....	2,100
D. L. Reid, First Assistant in Soil Physics, Station (12 mos.).....	1,500
Forrest A. Fisher, Associate in Soil Physics, Station (2 yrs., from Sept. 1, 1918) ..	2,100
Frederick M. W. Wascher, Associate in Soil Physics, Station (2 yrs. from Sept. 1, 1918).....	2,100
Raymond S. Smith, Associate in Soil Physics, College and Station, (Salary begins when he reports for duty).....	1,800
John E. Whitchurch, Associate, Soil Fertility, Station (2 yrs., from Sept. 1, 1918) ..	2,000
Wilber R. Leighty, Associate in Soil Analysis (2 yrs., from Sept. 1, 1918) ..	1,800
Orland I. Ellis, Associate in Soil Physics, Station (2 yrs., from Sept. 1, 1918.) ..	1,800
Harrison F. T. Fahrnkopf, Associate in Soil Fertility, Station (2 yrs., from Sept. 1, 1918.).....	1,800
Harry C. Gilkerson, Associate in Soil Fertility, College and Station (2 yrs., from Sept. 1, 1918.).....	1,800
Howard J. Snider, Associate in Soil Fertility, College and Station (2 yrs., from Sept. 1, 1918.).....	1,800
M. I. Wolkoff, First Assistant in Soil Fertility, Station.....	1,500
Hiram F. Tuttle, Instructor in Soil Physics, College and First Assistant in Soil Physics, Station (1 yr., from Sept. 1, 1918.).....	1,600
Edward F. Torgerson, Instructor in Soil Physics, College and First Assistant in Soil Physics, Station (1 yr., from Sept. 1, 1918.).....	1,600
Everett E. Glick, Assistant in Soil Fertility Station (1 yr., from Sept. 1, 1918.) ..	1,200
J. Leonard St. John, Assistant in Soil Analysis, Station (1 yr., from Sept. 1, 1918.) ..	1,200
Willem Rudolfs, Assistant in Soil Analysis, Station (1 yr., from Sept. 1, 1918.) ..	1,200

†Salary, \$2,400; on leave of absence without salary,

John Pieper, Assistant in Crop Production, College and Station (1 yr., from Sept. 1, 1918.)	1,200
George H. Dungan, Assistant in Crop Production, College and Station (1 yr., from Sept. 1, 1918.)	1,200
Robert W. Stark, First Assistant in Crop Production, Station (1 yr., from Sept. 1, 1918.)	1,500
Francis H. Kelley, Assistant in Soil Fertility, Station (1 yr., from Sept. 1, 1918.)	1,200
Herbert S. Hinrichs, Assistant in Soil Physics (1 yr., from Sept. 1, 1918.)	1,100
Sybil Nagle, Stenographer (C. S.)	900
Mrs. Marie L. Hopper, Stenographer (C. S.)	780
Alice Reed, Artist and Photographer (12 mos.)	780
Nellie Boucher, Computer (Federal)	840
W. A. McIntire, Record Clerk (C. S.)	600
<i>Total, Agronomy</i>	<u>\$90,800</u>

Division of Farm Mechanics

Earl A. White, Associate Professor of Farm Mechanics (3 yrs., from Sept. 1, 1918.)	2,800
_____, Associate in Farm Mechanics	1,800
Marvin E. Jahr, Associate in Farm Mechanics (2 yrs., from Sept. 1, 1918.)	2,100
<i>Total, Farm Mechanics</i>	<u>\$ 6,700</u>

Animal Husbandry

Herbert Windsor Mumford, Professor of Animal Husbandry, College and Chief in Animal Husbandry, Station (Indef.)	\$ 5,500
Harry S. Grindley, Professor of Animal Nutrition, Chief in Animal Nutrition (Indef.)	4,000
Walter C. Coffey, Professor of Sheep Husbandry, Chief in Sheep Husbandry, Station (2 yrs., from Sept. 1, 1918)	4,000
James L. Edmonds, Professor of Horse Husbandry, College, and Chief in Horse Husbandry, Station (3 yrs., from Sept. 1, 1918.)	3,500
Henry P. Rusk, Professor of Cattle Husbandry, College, and Chief in Cattle Husbandry, Station (3 yrs., from Sept. 1, 1918.)	3,500
Mrs. Donald McIntosh, retiring allowance	825
John A. Detlefsen, Associate Professor of Genetics, College and Associate Chief in Genetics, Station (3 yrs., from Sept. 1, 1918.)	3,000
Harold H. Mitchell, Assistant Professor of Animal Nutrition College and Assistant Chief in Animal Nutrition, Station (3 yrs., from Sept. 1, 1918.)	2,700
Daniel O. Barto*, Associate in Animal Husbandry, College (2 yrs., from Sept. 1, 1918.)	2,400

*One-half salary paid from Smith-Lever funds.

William H. Smith**, Associate in Animal Husbandry, College and Station (2 yrs., from Sept. 1, 1918.).....	2,400
Gilbert Gusler, Associate in Animal Husbandry (10 mos.).....	2,100
Roy H. Wilcox, Associate in Animal Husbandry, College and Associate in Animal Husbandry, Station (2 yrs., from Sept. 1, 1918.)....	2,100
Sleeter Bull, Associate in Animal Nutrition, College and Station (2 yrs., from Sept. 1, 1918.).....	2,000
Elmer Roberts, Associate in Genetics, College and Station (2 yrs., from Sept. 1, 1918.)	1,800
James W. Whisenand, Associate in Animal Husbandry, College and Station (2 yrs., from Sept. 1, 1918.).....	1,800
Earl K. Augustus, Associate in Animal Husbandry, College and Station (2 yrs., from Sept. 1, 1918.).....	1,800
Mary H. Keith, Assistant in Animal Nutrition, Station (1 yr., from Sept. 1, 1918.).....	1,300
John B. Rice, Instructor in Animal Husbandry, College, and First Assistant in Animal Nutrition, Station (1 yr., from Sept. 1, 1918.)	1,400
Henry C. Eckstein, Instructor in Animal Nutrition, College, and First Assistant in Animal Nutrition, Station (1 yr.).....	1,400
Worth A. Allison, Assistant Animal Husbandry, College and Station (1 yr., from Sept. 1, 1918.).....	1,200
Mary C. Stapp, Assistant in Animal Nutrition, Station (1 yr., from Sept. 1, 1918.)	900
_____, Secretary (C. S.).....	1,200
Jessie R. Beadles, Department Clerk (C. S.).....	1,020
Mabel Halliday, University Secretary (C. S.).....	960
_____, Secretary (C. S.).....	900
Hazel L. Rock, Stenographer (C. S.).....	900
Fay Cuerdon, Stenographer (C. S.).....	900
Bess Riggs, Stenographer (C. S.).....	840
Ruby Williams, Stenographer (C. S.).....	900
Adele McNeill, Stenographer (C. S.).....	720
Total	\$57,965

Dairy Husbandry

Harry A. Harding, Professor of Dairy Bacteriology, College, and Chief in Dairy Bacteriology, Station (Indef.).....	\$ 5,000
Wilbur J. Fraser, Professor of Dairy Farming, College (Indef.).....	3,500
Nelson W. Hepburn, Associate Professor of Dairy Manufactures, College, and Associate Chief in Dairy Manufactures, Station (3 yrs. from Sept. 1, 1918.).....	3,200
Martin J. Prucha, Associate Professor of Dairy Bacteriology, College and Associate Chief in Dairy Bacteriology, Station (3 yrs. from Sept. 1, 1918.)	3,000

**Paid from Smith-Lever funds.

Walter L. Gaines, Associate Professor of Milk Production, College and Associate Chief in Milk Production, Station (3 yrs., from Sept. 1, 1918.).....	3,000
Harrison A. Ruehe, Assistant Professor of Dairy Manufactures, College, Assistant Chief in Dairy Manufactures, Station (3 yrs., from Sept. 1, 1918.).....	2,500
Frank A. Pearson, Associate in Dairy Husbandry, Station (2 yrs., from Sept. 1, 1918.).....	2,100
Oliver R. Overman, Associate in Dairy Chemistry, College and Associate in Dairy Chemistry, Station (2 yrs., from Sept. 1, 1918.)....	2,100
James D. Brew, Associate in Dairy Bacteriology, Station, (2 yrs., from Sept. 1, 1918, $\frac{2}{3}$ time.).....	1,300
William W. Yapp, Associate in Dairy Husbandry, College (2 yrs., from Sept. 1, 1918.).....	2,000
Ernest M. Clark*, Associate in Dairy Production, Extension (2 yrs., from Sept. 1, 1918.).....	1,800
————, Associate in Dairy Husbandry, Station.....	1,800
Leighton J. True, Instructor in Dairy Manufactures, College and First Assistant in Dairy Manufactures, Station (1 yr., from Sept. 1, 1918.) ..	1,600
Chris S. Rhode*, Instructor in Dairy Husbandry, College and Extension (1 yr., from Sept. 1, 1918.).....	1,400
————, Instructor in Dairy Manufactures, College Extension....	1,800
————, First assistant in Dairy Husbandry, Station.....	1,800
Harry A. Ross, Assistant in Dairy Economics, Station (1 yr., from Sept. 1, 1918.) ..	1,200
Mason H. Campbell, Assistant in Dairy Husbandry, College and Station (1 yr., from Sept. 1, 1918.).....	1,200
Josie C. Jones, University Secretary (Federal).....	1,020
————, Bookkeeper (C. S.).....	900
Alice Probst, Typist (C. S.).....	840
Lulu Meyers, Clerk (C. S.) ..	840
Flossie O. Pieper, Typist, (C. S.).....	780
————, Clerk (C. S.) ..	660
Elizabeth Harris, Clerk (C. S.).....	780
Virla Blacker, Stenographer (C. S.).....	720
Hazel Mills, Stenographer (C. S.).....	720
Alice Blumle, Clerk (C. S.).....	720
Total	\$48,280

Farm Organization and Management

Walter F. Handschint†, Professor of Farm Organization and Management, College and Chief in Farm Organization and Management, Station (part time, 3 yrs., from Sept. 1, 1918.).....	1,200
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*Part paid from Smith-Lever funds.

†Total salary, \$4,000; balance (\$2,800) under Smith-Lever Administration.

Harold C. M. Case†, Associate in Farm Organization and Management (part time, 2 yrs., from Sept. 1, 1918.).....	1,200
James B. Andrews, Associate in Farm Organization and Management, College and Station (2 yrs., from Sept. 1, 1918.).....	1,800
Elinor Traxler, Assistant in Farm Organization and Management, Station (1 yr., from July 1, 1918.).....	900
<i>Total</i> ..	\$ 5,100

Home Economics

Isabel Bevier*, Professor of Home Economics and Director of courses in Home Economics (Indef.) Vice-Director of Extension Work in Home Economics (1 yr.).....	4,000
Mamie Bunch**, State Leader in Home Economics Demonstration, in charge of Home Economics Extension (3 yrs., from Sept. 1, 1918.) ..	2,800
Emma L. Wardell, Associate in Home Economics (2 yrs., from Sept. 1, 1918.) ..	1,800
Leona Hope, Associate in Home Economics (2 yrs., from Sept. 1, 1918.) ...	2,000
Florence Harrison, Follow-up Critic Teacher in Home Economics, Rank of Associate (2 yrs., from Sept. 1, 1918.).....	2,000
Lorinda Perry, Associate in Home Economics, (2 yrs., from Sept. 1, 1918.) ..	1,800
Juliet L. Bane***, Assistant State Leader in Home Economics Demonstration Extension (1 yr.) ..	2,000
_____, Associate in Home Economics, Director of Lunch Room	1,600
Cora E. Gray, Associate in Home Economics, (2 yrs., from Sept. 1, 1918.) ..	1,700
Georgia E. Fleming, Associate in Textiles (2 yrs., from Sept. 1, 1918.) ..	1,600
Olive B. Percival***, Associate in Home Economics Demonstration Extension (2 yrs., from Sept. 1, 1918.).....	1,600
Viola J. Anderson, Associate in Home Economics (2 yrs. from Sept. 1, 1918.) ..	1,600
Naomi Newburn***, Assistant State Leader in Home Economics Demonstration (2 yrs., from Sept. 1, 1918.).....	1,600
Florence H. Churton, Associate in Home Economics (2 yrs., from Sept. 1, 1918.) ..	1,600
Sarah A. Sutherland, Instructor in Home Economics (1 yr., from Sept. 1, 1918.) ..	1,600
Eda Jacobsen, Assistant in Home Economics.....	1,200
_____***, Instructor in Home Economics Demonstration Extension ..	1,500

†Total salary, \$2,400; balance (\$1,200) under Smith-Lever Administration.

*\$1,000 of salary charged to Smith-Lever.

**\$1800 of salary charged to Smith-Lever.

***Total salary charged to Smith-Lever.

Mabel Wilkerson***, Instructor in Home Economics Demonstration (1 yr., from Sept. 1, 1918.).....	1,400
(Mrs.) Josephine K. Allison, Instructor in Home Economics (1 yr., from Sept. 1, 1918.)	1,200
-----*, Assistant in Home Economics Demonstration Extension ..	1,200
Mary Pack*, Assistant in Home Economics Demonstration Extension ..	1,000
Gertrude L. Swift, Lunch Room Assistant (9 mos., from Sept. 12, 1918.) ..	675
(Mrs.) Ethel C. Yuncker, Laboratory Assistant (part time, 10 mos.)....	350
-----, Laboratory Assistant (part time, 9 mos., from Sept. 15, 1918.)	315
Bessie E. Packard, Office Assistant (C. S.).....	1,200
-----, Stenographer (C. S.).....	780
Total	\$42,100

Horticulture

Joseph C. Blair, Professor of Horticulture, College and Chief in Horticulture, Station	\$ 5,500
John W. Lloyd, Professor of Olericulture, College and Chief in Olericulture, Station (Indef.)	4,000
Charles S. Crandall, Professor of Pomology, College and Chief in Plant Breeding, Station (Indef.)	3,500
Bethel S. Pickett*, Professor of Pomology, College, and Chief in Pomology, Station (3 yrs., from Sept. 1, 1918.).....	3,500
Herman B. Dorner, Professor of Floriculture, College and Chief in Floriculture, Station (3 yrs., from Sept. 1, 1918.).....	3,500
Z. H. Mohlmann, Assistant in Floriculture, College and Station.....	1,000
Ernest W. Bailey, Assistant Professor of Pomology, College and Assistant Chief in Pomology, Station (3 yrss., from Sept. 1, 1918)....	2,700
Frederick N. Evans, Assistant Professor of Landscape Gardening, College (1 yr., from Sept. 1, 1918.).....	2,400
Harry W. Anderson, Assistant Professor of Pomology, College, Assistant Chief in Pomology, Station (1 yr., from Sept. 1, 1918).....	2,400
Philip A. Lehenbauer, Assistant Professor of Plant Physiology, College and Assistant Chief in Plant Physiology, Station (3 yrs., from Sept. 1, 1918.)	2,400
Warren A. Ruth, Associate in Pomology, College and Station, (½ time, 1 yr., from Sept. 1, 1918.)	1,300
Alfred J. Gunderson*, Associate in Horticulture, College and in Extension Station (2 yrs., from Sept. 1, 1918.).....	2,100
-----, Associate in Landscape Gardening, College.....	1,800
James Hutchinson, Associate in Floriculture, Station (2 yrs., from Sept. 1, 1918.)	1,800

*Part paid from Smith-Lever funds.

***Total salary charged to Smith-Lever funds.

William S. Brock, Associate in Pomology, College and Station (2 yrs., from Sept. 1, 1918.)	1,800
Chauncey S. Hill, Associate in Landscape Gardening, College (2 yrs., from Sept. 1, 1918.)	1,800
Arthur S. Colby, Associate in Pomology, College ($\frac{2}{3}$ time, 1 yr., from Sept. 1, 1918.)	1,300
Howard D. Brown, Instructor in Olericulture College, First Assistant in Olericulture, Station (1 yr., from Sept. 1, 1918.)	1,600
Howard R. Stanford, First Assistant in Plant Breeding, Station (1 yr., from Sept. 1, 1918.)	1,600
Jesse Sotala, Assistant in Olericulture, College ($\frac{1}{2}$ time, 12 mos.)....	500
-----, Assistant in Olericulture, College.....	1,000
Hazel Rhoades, Assistant Stenographer and Record Keeper, Floriculture (C. S.).....	960
-----, Stenographer, Landscape Extension and Olericulture (C. S.)	840
Lucy Lowe, Librarian and Stenographer (C. S.).....	780
<i>Total ..</i>	\$50,080
<i>Total, College of Agriculture</i>	\$329,880

GRADUATE SCHOOL

David Kinley*, Vice-President (1 yr.), Dean of the Graduate School (1 yr.), and Professor of Economics (Indef.).....	\$ 6,000
Augusta E. Galster, Research Assistant in the Dean's Office (10 mos., $\frac{1}{2}$ time)	600
Edna Wardall, Assistant Clerk and Stenographer (C. S.).....	1,020
Lida E. Voight, Clerk and Stenographer (C. S.).....	1,200
<i>Total, Graduate School</i>	\$ 8,820

COLLEGE OF LAW

Henry W. Ballantine, Dean of the College of Law and Professor of Law (Indef.)	\$ 5,000
Oliver A. Harker, Professor of Law (Indef.) and Legal Counsel (1 yr.) ..	5,000
Frederick Green, Professor (Indef.).....	3,750
Edward H. Decker, Professor (Indef.)	3,500
-----, Acting Librarian (1 yr.).....	250
William G. Hale, Professor (Indef.) ..	3,500
-----, Editor of Law Bulletin (1 yr.).....	250
John N. Pomeroy, Professor (1 yr.) (on leave of absence, first semester.)† ..	2,325
-----, Secretary and Stenographer (1 yr.).....	1,020
Special Lecturers	500
<i>Total ..</i>	\$25,095

*Total salary, \$7,000; balance (\$1,000) under Office of the Vice-President.

†Full salary, \$3,100.

LIBRARY SCHOOL

Phineas L. Windsor*, Director of the Library School and the Library (1 yr.)	
Frances Simpson, Assistant Professor of Library Economy (Indef.) and Assistant Director (1 yr.)	\$ 2,200
Florence R. Curtis, Assistant Professor of Library Economy (3 yrs., from Sept. 1, 1918.)	2,000
————, Instructor in Library Economy (1 yr.)	1,600
Ethel Bond, Instructor in Library Economy and Catalog Reviser (1 yr.)	1,200
Anne M. Boyd†, Instructor in Library Economy and Reference As- sistant (1 yr.)	
Edna L. Scott, Special Lecturer in Children's Literature (5 weeks)....	250
Angeline McNeil, Reviser and Assistant, (9 mos., from Sept. 15, 1918.) ..	675
Salaries of Summer Session, 1919.....	600
<i>Total</i>	\$ 8,525

SCHOOL OF MUSIC

John L. Erb, Director of the School of Music and University Organ- ist (1 yr.)	\$3,500
George F. Schwartz, Assistant Professor of Music (1 yr.)	2,400
Albert A. Harding‡, Assistant Professor of Music (1 yr.)	1,100
Henri J. van den Berg, Instructor (10 mos.)	2,000
Heber D. Nasmyth, Instructor (10 mos.)	1,800
Edson W. Morphy, Instructor (10 mos.)	1,800
Edna A. Treat, Instructor (10 mos.)	1,400
Frank T. Johnson, Instructor (10 mos.)	1,400
Mabelle G. Wright, Instructor (10 mos.)	1,200
Olga E. Leaman, Instructor (10 mos.)	1,200
————, Instructor (10 mos.)	1,700
Verna A. Manley, Stenographer (C. S.)	840
<i>Total</i>	\$20,340

OFFICE OF THE SUPERVISING ARCHITECT
(Not included in the Budget total; see page 10.)

Salaries	\$30,196
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*Salary, \$4,000, under Library.

†Salary, \$1,200, under Library.

‡Total salary, \$2,600; balance (\$1,500) as Director of the Military Bands.

WILLS OF MR. AND MRS. JOSEPH CARTER

(31) The following statement: The Honorable Joseph Carter, formerly Superintendent of Schools in Champaign, also at one time a member of the Legislature and a teacher of long experience in the central portion of this State, now living at Rankin, Illinois, came to my office with his wife, Jane Carter, the other day to announce that they had made joint wills, leaving the bulk of their property to the University of Illinois in trust for a students' loan fund, and wished to know whether the Trustees would be likely to accept such a bequest. I told them that in my opinion they would do so, if it were to be found that they had the power to accept the gift. The will was drawn up by the late Mr. George W. Gere, an unusually able lawyer, and I assume, therefore, that it complies with the provisions of Illinois law.

The President of the University was authorized to accept this bequest and was requested to convey to Mr. Carter the appreciation of the Board of Trustees.

RECONSTRUCTION HOSPITAL

(32) A statement that the project for the erection of a reconstruction hospital in Chicago to be turned over to the University after the Government is through with it has not made much progress up to the present time. Another proposition is likely to be suggested, which may later be called to the attention of the Trustees, but nothing definite enough can be said at this time to serve as the basis for any action.

No action was taken in this matter.

McKINLEY HOSPITAL

(33) A letter from Professor James M. White concerning the design of the McKinley Hospital.

President E. J. James, 355 Administration Building

DEAR SIR:

I am sending you herewith the alternate design for the McKinley Hospital. It carries out the same arrangement of windows, but is Colonial in style. I believe it will be more successful than the design submitted to the Board at the former meeting.

I submitted both designs to Mr. McKinley, and while he said he liked both of them, I think he was more in favor of the Colonial treatment.

If we could build the entire building at this time, I think that the first design submitted would be very successful; but after further study I am convinced that the Colonial style is better adapted for a piecemeal construction.

Yours truly,

JAMES M. WHITE

Supervising Architect

On motion of Mr. Trimble, this design was substituted for the plan approved (page 747), and authority was given to proceed with the erection of this building as rapidly as funds may be available.

DEAN OF WOMEN

- (34) A list of candidates for the office of Dean of Women.

After discussion, this matter was referred to the Committee on Student Welfare and the President of the University, with power to act.

SETTLEMENT WITH FORMER TREASURER CAPRON

- (35) A recommendation from the Finance Committee that the sum of \$106.89 be paid to former Treasurer H. S. Capron as a refund of interest overpaid (See pages 375-378 and 650).

On motion of Mr. Trimble this refund was ordered.

APPOINTMENTS TO FILL VACANCIES

The Secretary presented for record the following list of appointments made by President James:

Allen, W. R., Traveling Fellow, beginning July 1, 1918, and continuing until further notice, without salary. (June 18, 1918*).

Alseth, Hilda, Reviser and Assistant in Library Science, for six weeks, beginning June 17, 1918, at a salary of one hundred dollars (\$100) for the session. (June 17, 1918).

Anderson, Emma W., Filing Clerk in the Curator's Office in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning March 15, 1918, and continuing until further notice, subject to the rules of the Civil Service Commission. (April 12, 1918).

Armstrong, Harry, Technician in Anatomy in the College of Medicine, at a salary of sixty dollars (\$60) a month, beginning May 17, 1918 and ending September 30, 1918. (May 27, 1918).

Ashley, B. S., Student Assistant in Pathology and Bacteriology in the College of Medicine to give twelve hours' service a week for sixteen weeks, at a compensation of fifty cents an hour. (July 1, 1918).

Baily, H. H., Assistant in Accountancy, on one-half time, at a salary of six hundred dollars (\$600) for ten months beginning September 1, 1918. (June 28, 1918).

†Baldwin, L. S., Instructor in Gunnery in U. S. School of Military Aeronautics, during the summer, at a salary of one hundred dollars (\$100) a month, beginning June 18, 1918, and continuing until further notice. (June 19, 1918).

Bard, Catharine A., University Secretary, Rank III, in the President's Office, at a salary of one hundred dollars (\$100) a month, beginning July 1, 1918, and continuing until further notice, subject to the rules of the Civil Service Commission. (July 12, 1918).

†Berdahl, C. A., Assistant in Military Drill, beginning June 17, 1918, and ending August 8, 1918, at a salary of one hundred dollars (\$100) for the period. (June 17, 1918).

*The date in parenthesis is the date on which the appointment was made by the President of the University.

†Appointment made by Vice-President Kinley.

Bittman, E. S., Assistant Purchasing Agent, at a salary of one hundred dollars (\$100) a month, beginning April 1, 1918, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding his previous appointment. (April 29, 1918).

*Blackwell, G. W., Instructor in Gunnery in the United States School of Military Aeronautics, at a salary of one hundred dollars (\$100) a month†, beginning June 13, 1918, and continuing until further notice. (June 15, 1918).

Boughton, T. H., Associate in Pathology and Bacteriology in the College of Medicine, with salary at the rate of twelve hundred dollars (\$1200) a year for the period, beginning May 16, 1918, and ending August 31, 1918. (June 21, 1918).

*Bower, Harriet, Assistant in Physical Training for Women, at a compensation of seventy-five dollars (\$75) for the Summer Session. (June 17, 1918).

*Brown, H. A., Instructor in Military Studies in the U. S. School of Military Aeronautics, at a salary of one hundred fifty dollars (\$150) a month, beginning July 1, 1918, and continuing until further notice; this appointment superseding his previous appointment. (June 24, 1918).

*Brunson, A. M., Instructor in Military Studies in the U. S. School of Military Aeronautics, at a salary of one hundred fifty dollars (\$150) a month, beginning July 1, 1918, and continuing until further notice; this appointment superseding his previous appointment. (June 24, 1918).

Buckingham, B. R., Director of the Bureau of Educational Research and Professor of Education, at a salary of forty-five hundred dollars (\$4500) a year, beginning July 8, 1918, and continuing until further notice. (July 12, 1918).

*Bussell, Nellie, Acting Director of Physical Training for Women, for the Summer Session, beginning June 17, 1918, and continuing until August 8, 1918, at a compensation of three hundred dollars (\$300) for the period. (June 17, 1918).

Chubb, R., Laboratory Helper in the Department of Chemistry at a salary of thirty-five dollars (\$35) a month, beginning March 15, 1918, and continuing until further notice. (March 28, 1918).

Cohen, Esther D., Scholar in Romance Languages for ten months, beginning September 1, 1918, with a stipendium of two hundred fifty dollars (\$250). (May 29, 1918).

Cohen, S. J., Graduate Assistant in Pharmacology, Materia Medica, and Therapeutics, in the College of Medicine, for the summer quadrimester, at a compensation of one hundred dollars (\$100) for the period. (July 6, 1918).

Cushman, A. Beulah, Assistant in Ophthalmology in the College of Medicine, without salary, for the quadrimester beginning June 1, 1918, and ending September 30, 1918. (June 17, 1918).

Danforth, W. C., Assistant Professor of Surgery in the College of Medicine, without salary, for the quadrimester beginning June 1, 1918, and ending September 30, 1918. (June 17, 1918).

*Appointment made by Vice-President Kinley.

†Reduced by \$33 a month (government pay as enlisted man) beginning June 13, 1918).

Daniels, Lois V., Scholar in Mathematics, for ten months, beginning September 1, 1918, with a stipendium of two hundred fifty dollars (\$250) for the period. (May 29, 1918).

Doocy, Helen L., Scholar in Romance Language, for ten months, beginning September 1, 1918, with a stipendium of two hundred fifty dollars (\$250) for the year. (May 29, 1918).

*Dorr, Otto, Instructor in Military Studies in the U. S. School of Military Aeronautics, at salary of one hundred twenty-five dollars (\$125) a month, beginning July 1, 1918, and continuing until further notice; this appointment superseding his previous appointment. (June 24, 1918).

Edwards, Alice L., Associate in Home Economics, for two years beginning September 1, 1918, at a salary of eighteen hundred dollars (\$1800) a year. (July 8, 1918).

Eicher, B. L., Graduate Assistant in Pharmacology, Materia Medica, and Therapeutics, in the College of Medicine, for the summer quadrimester, at a compensation of two hundred fifty dollars (\$250) for the period. (July 6, 1918).

Entorf, Rachel, Clerk in the department of Electrical Engineering at a salary of sixty dollars (\$60) a month, beginning February 1, 1918, and ending August 31, 1918, subject to the rules of the Civil Service Commission, this appointment superseding her previous appointment. (February 28, 1918).

Entorf, Rachel, Clerk in the Office of the Academic Board of the U. S. School of Military Aeronautics, on one-half time, at a salary of forty dollars (\$40) a month, beginning June 10, 1918, and continuing until further notice. (June 12, 1918).

*Fisk, I. W., Instructor in Gunnery in the U. S. School of Military Aeronautics, at a salary of one hundred fifty dollars (\$150) a month, beginning June 10, 1918, and continuing until further notice. (June 11, 1918).

*Gleason, F. E., Instructor in Military Studies in the U. S. School of Military Aeronautics, at a salary of one hundred fifty dollars (\$150) a month, beginning July 1, 1918, and continuing until further notice. (June 24, 1918).

Goldberg, Benjamin, Assistant in the Department of Medicine, without salary, for the quadrimester beginning June 1, 1918, and ending September 30, 1918. (June 24, 1918).

Gottschalk, Clara G., Assistant in Clinical Surgery in the College of Medicine, with salary at the rate of sixty dollars (\$60) a month, beginning July 15, 1918, and continuing until October 1, 1918. (July 21, 1918).

Graham, Grace H., Instructor in Public Health and Nursing at a salary of two hundred fifty dollars (\$250) for the Summer Session. (June 21, 1918).

Griffith, C. R., Assistant in Education in the Summer Session at a salary of two hundred dollars (\$200) for the period; this appointment superseding his previous appointment. (July 6, 1918).

Grimson, J. S., Instructor in Prosthetic Dentistry in the College of Dentistry, for one year beginning July 1, 1918, at a salary of nine hundred

*Appointment made by Vice-President Kinley.

dollars (\$900) a year, service to include twelve hours a week of actual teaching. (June 28, 1918).

Grosse, A., Student Assistant in Pharmacology, Materia Medica, and Therapeutics, in the College of Medicine, to give one hundred hours' service during the summer quadrimester, at a compensation of fifty dollars (\$50) for the period. (July 6, 1918).

Harwood, Hazel M., Acting Dean of Women for the Summer Session, on part-time, at a salary of fifty dollars (\$50) for the session. (June 27, 1918).

Heilig, Juanita A., Scholar in English for the academic year 1918-1919, with a stipend of two hundred fifty dollars (\$250) for the period. (July 6, 1918).

Hein, L. A. F., Instructor in Mechanical Drawing in the College of Dentistry for the year 1918-19, at a salary of three hundred dollars (\$300) for the year. (July 9, 1918).

Higgins, J. A., Technical Assistant in Physiology in the College of Medicine, at a salary of seventy-five dollars (\$75) a month, beginning July 1 and ending October 1, 1918. (June 27, 1918).

*Hopkins, E. C., Instructor in Military Studies in the U. S. School of Military Aeronautics, at a salary of one hundred twenty-five dollars (\$125) a month, beginning July 1, 1918, and continuing until further notice; this appointment superseding his previous appointment. (June 24, 1918).

Horwitz, J., Graduate Assistant in Anatomy in the College of Medicine, to give nine hours' service a week for sixteen weeks at a compensation of fifty cents an hour. (July 1, 1918).

Hruby, A. J., Assistant in the Department of Medicine, without salary, for the quadrimester beginning June 1, 1918 and ending September 30, 1918. (June 24, 1918).

Huang, H. H., Research Graduate Assistant in the Engineering Experiment Station for two years of ten months each, beginning September 1, 1918, with a stipend of five hundred dollars (\$500) a year. (June 17, 1918).

Hubbell, Irene, Typist in the Department of Anatomy of the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning March 1, 1918, and ending September 1, 1918, subject to the regulations of the State Civil Service Commission. (March 2, 1918).

Hyatt, E. G., Graduate Assistant in Pharmacology, Materia Medica, and Therapeutics in the College of Medicine, for the summer quadrimester, at a compensation of two hundred dollars (\$200) for the period. (July 6, 1918).

Jacobson, L. J., Assistant in the Department of Medicine, without salary, for the quadrimester beginning June 1, 1918, and ending September 30, 1918. (June 24, 1918).

Jelinek, J., Student Assistant in Anatomy in the College of Medicine, to give ten hours' service a week for sixteen weeks, for the summer quadrimester, at a compensation of fifty cents an hour. (July 1, 1918).

Jones, T. S., Artist in the Department of Anatomy of the College of Medicine, on one-half time, at a salary of sixty dollars (\$60) a month, beginning May 1, 1918, and ending July 31, 1918. (June 6, 1918).

*Appointment made by Vice-President Kinley.

Jones, W. B., Assistant in English, at a salary of twelve hundred dollars (\$1200) for ten months beginning September 1, 1918. (June 17, 1918).

Kalthoff, F. C., Assistant in Military Science and Tactics at a compensation of two hundred dollars (\$200) for the summer session. (June 17, 1918).

Keeton, R. W., Graduate Assistant in Pharmacology, Materia Medica, and Therapeutics, in the College of Medicine, for the summer quadrimester at a compensation of one hundred fifty dollars (\$150) for the period. (July 6, 1918).

Knight, A. R., Associate in Radio Communication for the summer session, at a compensation of two hundred fifty dollars (\$250) for the period. (June 17, 1918).

*Lamb, R. M., Instructor in Signalling in the U. S. School of Military Aeronautics, at a salary of one hundred twenty-five dollars (\$125) a month, beginning June 18, 1918, and continuing until further notice. (June 19, 1918).

*Lamkins, L. E., Chief Clerk in the Office of the Commandant of the U. S. School of Military Aeronautics, at a salary of one hundred dollars (\$100) a month, beginning June 1, 1918, and continuing until further notice; this appointment superseding his previous appointment. (June 7, 1918).

*Lincicome, A., Stenographer in the Office of the Commandant of the U. S. School of Military Aeronautics, at a salary of fifty-five dollars (\$55) a month, beginning July 9, 1918, and continuing until further notice. (July 12, 1918).

*Loder, T. R., Instructor in Gunnery in the U. S. School of Military Aeronautics, at a salary of one hundred twenty-five dollars (\$125) a month, beginning June 18, 1918, and continuing until further notice. (June 24, 1918).

Lounsbury, B. F., Assistant Professor of Operative Surgery in the College of Medicine, without salary, beginning June 1, 1918, and ending October 1, 1918. (June 6, 1918).

Love, B. F., Scholar in Physics, for the academic year 1918-19 with a stipendium of two hundred fifty dollars (\$250) for the year. (May 29, 1918).

Monfort, W. F., Acting Professor of Sanitary Chemistry, for one year, beginning July 1, 1918, on part time, at a salary of one hundred dollars (\$100) a month. (June 22, 1918).

Moody, W. B., Assistant in Operative Surgery in the College of Medicine, for the quadrimester beginning July 1, 1918, and ending September 30, 1918, without salary. (July 11, 1918).

Moore, O. H., Associate in Romance Languages at a compensation of two hundred fifty dollars (\$250) for the summer session. (June 21, 1918).

Moses, Marjorie, Typist in the Department of Pharmacology in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning May 13, 1918, and ending June 30, 1918, subject to the rules of the Civil Service Commission. (May 27, 1918).

*Appointment made by Vice-President Kinley.

Olewine, J. H., Assistant in Chemistry, at a salary of one hundred ten dollars (\$110) for the period from April 29, 1918 to June 15, 1918. (June 28, 1918).

Powell, A. R., Assistant in Chemistry, at a salary of seventy-five dollars (\$75) a month, beginning March 1 and ending June 30, 1918, this appointment superseding his previous appointment. (March 28, 1918).

Putnam, W. J., Instructor in Theoretical and Applied Mechanics at a compensation of two hundred twenty-five dollars (\$225) for the summer session. (June 7, 1918).

Quick, Nan, Chief Clerk in the Purchasing Agent's Office, at a salary of sixty dollars (\$60) a month, beginning April 1, 1918, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her previous appointment. (May 2, 1918).

Quick, Nan, Chief Clerk in the Purchasing Agent's Office at a salary of sixty-five dollars (\$65) a month, beginning April 1, 1918, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her previous appointment. (May 2, 1918).

Robertson, J. E., Instructor in General Engineering Drawing, at a salary of fourteen hundred dollars (\$1400) for ten months beginning September 1, 1918. (June 18, 1918).

Ruppenthal, A. J., Student Assistant in Anatomy in the College of Medicine, to give eight hours' service a week for sixteen weeks for the summer quadrimester, at a compensation of fifty cents an hour. (July 1, 1918).

*Seely, F. B., Assistant Professor of Theoretical and Applied Mechanics, at a compensation of three hundred dollars (\$300) for the summer session. (June 17, 1918).

Seymour, A. R., Associate in Romance Languages and Adviser to Foreign Students for the summer session, at a compensation of three hundred dollars (\$300) for the session. (June 27, 1918).

*Scrubby, C. T., Stenographer in the Office of the Commandant of the U. S. School of Military Aeronautics, at a salary of sixty-five dollars (\$65) a month, beginning June 6, 1918, and continuing until further notice. (June 7, 1918).

Schmitt, E. C., Assistant in Operative Surgery in the College of Medicine, from July 15, 1918, to September 30, 1918, without salary, (July 11, 1918).

Schroeder, P. L., Student Assistant in Pathology and Bacteriology in the College of Medicine, to give twelve hours' service a week for sixteen weeks, for the summer quadrimester, at a compensation of thirty-five cents an hour. (July 1, 1918).

Slater, E. O., Assistant in Industrial Education, for the summer session, at a compensation of three hundred dollars (\$300) for the session. (June 27, 1918).

*Smiley, C. N., Professor of Classics, at a compensation of three hundred dollars (\$300) for the summer session. (June 17, 1918).

*Appointment made by Vice-President Kinley.

*Smith, W. H., Associate in Agriculture at a compensation of three hundred fifteen dollars (\$315) for the summer session. (June 17, 1918).

Spencer, Cynthia E., Assistant in Botany at a compensation of fifty dollars (\$50) for the summer session. (June 21, 1918).

Stevenson, J., Assistant in the Department of Medicine without salary, for the quadrimester beginning June 1 and ending September 30, 1918. (June 24, 1918).

Stormont, E., Helper to the Mechanician in the Physics workshop, at a salary of seventy dollars (\$70) a month, beginning June 20, 1918, and continuing until further notice, subject to the regulations of the Civil Service Commission. (June 24, 1918).

Swedenborg, Ruth E., Stenographer in the Office of the Dean of the College of Agriculture and Director of the Experiment Station, at a salary of seventy-five dollars (\$75) a month, beginning Sept. 1, 1918, and continuing until further notice. (June 6, 1918).

*Swift, Gertrude, Assistant in Home Economics, on part time, at a compensation of seventy-five dollars (\$75) for the summer session. (June 17, 1918).

Swift, Gertrude L., Assistant in the Lunch Room in the Department of Home Economics, for nine months, beginning September 12, 1918, at a salary of seventy-five dollars (\$75) a month. (June 25, 1918).

Thomas, H. B., Assistant Professor of Orthopedics in the College of Medicine, without salary, beginning June 1, 1918, and ending October 1, 1918. (June 6, 1918).

*Thornburg, M. L., Instructor in the department of Airplanes in the U. S. School of Military Aeronautics, at a salary of one hundred twenty-five dollars (\$125) a month, (\$30 of this sum being paid by the Government) beginning June 18, 1918, and continuing until further notice. (June 19, 1918).

*Todd, Mrs. N. D., Assistant to the Commissary of the U. S. School of Military Aeronautics, at a salary of ninety dollars (\$90) a month, beginning June 1, 1918, and continuing until further notice. (June 13, 1918).

Traxler, Dorothy M., Clerk in the Department of Architecture at a salary of fifty dollars (\$50) a month, beginning May 1, 1918 and continuing until further notice; subject to the rules of the Civil Service Commission. (May 2, 1918).

Traxler, Elinor, Assistant in Farm Organization and Management, at a salary of nine hundred dollars (\$900) a year, for one year beginning July 1, 1918. (June 17, 1918).

Ulich, L. H., DuPont Fellow in Chemistry, for the academic year 1918-19, at a compensation of seven hundred fifty dollars (\$750) for the year. (June 22, 1918).

*Vial, Nathaniel, Instructor in Military Studies in the U. S. School of Military Aeronautics, at a salary of one hundred twenty-five dollars (\$125) a month, beginning July 1, 1918, and continuing until further notice; this appointment superseding his previous appointment. (June 24, 1918).

*Appointment made by Vice-President Kinley.

Voss, Elizabeth A., University Stenographer, Rank III, in the President's Office, at a salary of seventy-five dollars (\$75) a month, beginning June 1, 1918, and continuing until further notice, subject to the regulations of the Civil Service Commission. (June 24, 1918).

Wardell, Emma L., Associate in Home Economics, for two years, at a salary of eighteen hundred dollars (\$1800) a year, beginning September 1, 1918. (June 25, 1918).

Warmolts, Lambertus, Typist in the Department of Pharmacology, Materia Medica, and Therapeutics, in the College of Medicine, at a salary of forty dollars (\$40) a month, beginning June 24, 1918, and ending September 25, 1918, subject to the rules of the Civil Service Commission. (June 27, 1918).

Watson, E. S., Assistant in English for ten months beginning September 1, 1918, at a salary of fifteen hundred dollars (\$1500) for the period. (June 18, 1918).

Williams, Helen J., Scholar in Mathematics for the academic year 1918-19, at a compensation of two hundred fifty dollars (\$250) for the period. (May 29, 1918).

Woods, Lena A., Assistant in Zoology, for the summer session on one-half time, at a compensation of one hundred dollars (\$100) for the session. (June 27, 1918).

Yeager, L. E., Instructor in Military Studies in the U. S. School of Military Aeronautics, at a salary of one hundred twenty-five dollars (\$125) a month, beginning July 1, 1918, and continuing until further notice; this appointment superseding his previous appointment. (June 24, 1918).

The Board adjourned.

URBANA, ILLINOIS, November 25, 1918.

I certify that in the foregoing pages, numbered 1 to 83, inclusive, is contained the record of the transactions of the Board of Trustees of the University of Illinois at the meeting of July 17, 1918, as approved by the Board at the meeting of November 23, 1918.

Secretary of the Board of Trustees.

