MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

July 23, 1930



The July meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Wednesday, July 23, 1930. The following members were present: President Barr, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees.

President Chase was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of June 19, 1930. On motion of Mr. Trees, the minutes were approved as printed on pages 611 to 735 above.

EXECUTIVE COMMITTEE MEETING, JULY 5, 1930

The Secretary presented for record the minutes of a meeting of the Executive Committee of July 5, 1930.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10:30 a.m. on Saturday, July 5, 1930. Mr. George A. Barr, Chairman, Mr. James W. Armstrong, and Mrs. Laura B. Evans were present, also President Kinley, President Chase, Professor Morey, Comptroller, Professor White, Supervising Architect, and Mr. Hazen S. Capron, Treasurer.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Executive Committee considered the following matters presented by the President of the University.

HART LOAN

(1) A statement concerning the loan to Mr. M. M. Hart (Minutes, July 17, 1929, page 264).

This report was received for record.

INVESTMENT OF TRUST FUNDS

(2) A recommendation from Mr. Trees for the Finance Committee, that trust-fund investments be authorized as follows:

June 30, 1930

David Kinley, President, University of Illinois My dear President Kinley:

This will acknowledge your letter of June 27. Have conferred with Mr. Fisher and it is our opinion that you should authorize the purchase of the Shivly $$_{4,000}$, $5\frac{1}{2}$ per cent mortgage due May 1, 1934. We also suggest that you buy \$5,000 units of either of the following issues to make up the balance of the Fund to be invested:

American Smelting and Refining Company

5 per cent, due 1947 Mississippi Power Company

5 per cent first mortgage, due 1951 Sierra and San Francisco Power Company

5 per cent first mortgage, due 1949

It seems to me that we are also warranted in selling the \$1,450, 41/4 per cent first Liberty Loan and the \$650 of the fourth Liberty Loan, 414 per cent, at the best market prices, investing the proceeds in some other issues comparable to the above.

Sincerely.

MERLE J. TREES

On motion of Mrs. Evans, these investments were authorized as recommended.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(3) A recommendation that Mr. Stuart John Templeton of the law firm of Wilson, McIlvaine, Hale, & Templeton, 140 South Dearborn Street, Chicago, be appointed a member of the Board of Examiners in Accountancy for three years from July 1, 1930, to succeed Mr. Herbert Pope, whose term has expired.

On motion of Mrs. Evans, this appointment was made.

COOPERATIVE INVESTIGATION OF STACK GASES

(4) A recommendation from the Dean of the College of Engineering for approval of an agreement with the Utilities Research Commission for a cooperative investigation of stack gases by the Engineering Experiment Station. This project will replace an investigation of "Prevention of Corrosion by Flue Gases," which is now being carried on in cooperation with the Commission. This new agreement is drawn for a period of two years beginning July 1, 1930, with the provision that it may be extended for additional periods, and the Commission agrees to pay the University the sum of \$15,000 a year for the expenses of this investigation, \$2,500 being payable when the contract is signed and the remainder in quarterly installments.

1930]

This agreement is of the form and character of similar agreements hitherto approved by the Board and I recommend that it be approved.

On motion of Mrs. Evans, this agreement was authorized.

COOPERATIVE INVESTIGATION OF EFFECT OF GAS ON FLUE PIPING AND CHIMNEYS EXTENDED

(5) A report that on recommendation of the Dean of the College of Engineering an agreement with the Utilities Research Commission for a cooperative investigation of the effect of combustion of gas on flue piping and chimneys has been extended for one year from July 1, 1930.

The original agreement, approved by the Board on May 23, 1928 (Minutes, page 599), expired July 1, 1930. The extension of the contract is on the same terms as the original agreement, which provides for payment of \$7500 a year, or \$1875 a quarter, for the expenses of this investigation.

On motion of Mrs. Evans, this action was confirmed.

CONTRACT FOR MILITARY UNIFORMS

(6) A report that the Comptroller has been authorized to conclude a contract with the Associated Military Stores of Chicago for uniforms for advanced course students in the R. O. T. C. at a cost of $\$_{40}$ each. The expense of these uniforms will be provided for according to the plan approved by the Board of Trustees on May 9, 1930 (Minutes, page 588).

This contract was placed with the Associated Military Stores on the basis of samples of materials submitted by them and other concerns which supply such equipment, the material submitted by the Associated Military Stores having been found to be equal to or superior to any of the others. All proposals were on the basis of $$_{40}$ for the uniform and furnishings, this amount being the commutation allowed each student.

On motion of Mrs. Evans, this action was confirmed.

At this point, Mr. Armstrong took his place with the Committee.

LABORATORY FEES IN THE URBANA DEPARTMENTS FOR 1930-31

(7) The Comptroller and the Provost submit the following schedule of laboratory and other special fees in the Urbana Departments for the year 1930-31. I recommend that the schedule be approved:

LABORATORY FEES FOR 1930-31-URBANA DEPARTMENTS

Agronomy 11\$	3 00	Athletic Coaching 16	2 00
Agronomy 13	3 00	Athletic Coaching 20	I 00
Agronomy 14	1 00	Athletic Coaching 30	1 00
Agronomy 18a	3 00	Athletic Coaching 31	I 00
Agronomy 18b	3 00	Athletic Coaching 40	I 00
Agronomy 18c	3 00	Athletic Coaching 41	1 00
Agronomy 18d	3 00	Athletic Coaching 50	3 00
Agronomy 18e	3 00	Admetic Coaching 30	3 00
	3 00	Bacteriology 5b	8 00
Agronomy 18f	U	Dacteriology 50	
Agronomy 18g	2 50	Bacteriology 6	2 50
Agronomy 18h	2 50	Bacteriology 8	7 00
Agronomy 18j	2 50	Bacteriology 20	7 50
Agronomy 18k	2 50	Bacteriology 26	8 00
Agronomy 22	2 00	Bacteriology 106	5 00
Agronomy 25	2 00		
Agronomy 28	3 00	Botany 1	2 00
	0	Botany 2a	I 50
Anatomy (see Human Anatomy)		Botany 2b	1 50
indiana) (dec indiana indiana))		Botany 3	2 00
Animal Husbandry 41	1 00	Botany 5	1 00
Animal Husbandry 41			1 00
Animal Husbandry 119	5 00	Botany 6	1 00

Botany 7	2 00	Chemistry 90a-90b (per lab. hr.	
Botany 8	1 00	per semester)	2 50
Botany 13	1 50	Chemistry 91b	3 00
Botany 15	1 00	Chemistry 97b	12 50
Botany 16	1 50	Chemistry 102a-102b (per lab. hr.	
Botany 33 (per hour)	50	per semester)	2 50
Botany 34 (per hour)	50	Chemistry 124 (per lab. hr.)	2 50
Botany 41	I 00	Chemistry 126a (per lab. hr.)	2 50
Botany 42	1 00	Chemistry 127a-127b (per lab. hr.)	2 50
Botany 43	1 50	Chemistry 134 (per lab. hr.)	2 50
Botany 44	1 50	Chemistry 152b (per lab. hr.)	2 50
Botany 45	3 00	Chemistry 186a-186b (per lab. hr.	
Botany 46	I 00	per semester)	2 50
Botany 47	I 50	Chemistry 190a-190b (per lab. hr.	
Botany 55	1 00	per semester, maximum \$12 50)	2 50
Botany 56	I 00	Civil Engineering on	
Botany 60	I 00	Civil Engineering 27	1 00
Botany 70 (per hour)	50	Civil Engineering 28	1 00
Botany 77 (per hour)	50	Civil Engineering 30	I OO
Botany 79	I 00	Civil Engineering 31	1 00
Botany 80	2 00	Civil Engineering 32	1 00
Botany 90	I 00	Civil Engineering 34	I 00 I 00
Botany 120 (per unit)	3 00	Civil Engineering 36	1 50
Botany 122 (per unit)	3 00	Civil Engineering 37 Civil Engineering 42	1 00
Botany 130 (per unit)	3 00		
Botany 170 (per unit)	3 00	Civil Engineering 55	1 50 1 25
Botany 177 (per unit)	3 00	Civil Engineering 62	1 50
Botany 180 (per unit)	2 00	Civil Engineering 71	1 00
		Civil Engineering 72	I 00
Ceramics 4	2 00	Civil Engineering 82	2 00
Ceramics 5	7 50	Civil Engineering 84	1 50
Ceramics 7	2 00	Civil Engineering 85	2 50
Ceramics 14	5 00	Civil Engineering 87	ĩ 00
Ceramics 16	5 00	Civil Engineering 88	1 00
Ceramics 18	2 00	Civil Engineering 89	1 00
Ceramics 102 (per lab. hr.)	2 50	Civil Engineering 90	1 50
	0	Civil Engineering 95	1 50
Chemistry 1	8 00	Civil Engineering 96	1 50
Chemistry 2	5 00		-
Chemistry 3	6 00	Dairy Husbandry 1	3 00
Chemistry 4	8 00	Dairy Husbandry 4	3 00
Chemistry 5	10 00	Dairy Husbandry 5	3 00
Chemistry 6	8 00	Dairy Husbandry 7	3 00
Chemistry 10	10 00	Dairy Husbandry 8	2 00
Chemistry 16a	5 00 8 00	Dairy Husbandry 10 Dairy Husbandry 12	4 00 3 00
Chemistry 22		Dairy Husbandry 14	2.00
Chemistry 24 Chemistry 27	12 50 12 50	Dairy Husbandry 22	2 00
Chemistry 28b	12 50	Dairy Husbandry 24b	2 00
Chemistry 32	10 00		2 00
Chemistry 33	12 50	Electrical Engineering 2	1 50
Chemistry 34a	12 50	Electrical Engineering 5	1 50
Chemistry 37b	12 50	Electrical Engineering 51	I 50
Chemistry 38a	15 00	Electrical Engineering 52	I 50
Chemistry 41	7 50	Electrical Engineering 58	1 50
Chemistry 43b	7.50	Electrical Engineering 61	1 50
Chemistry 50a		Electrical Engineering 62	1 50
Chemistry 51b	10 00	Electrical Engineering 75	2 50
Chemistry 60a		Electrical Engineering 76	2 50
Chemistry 61a-61b (per semester)		Electrical Engineering 85	2 50
Chemistry 74b	6 00	Electrical Engineering 86	250
Chemistry 80a	6 25	English (see Public Speaking)	
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Entomology 1	1 50	Horticulture 1a	1 50
Entomology 2	2 00	Horticulture 1b	50
Entomology 3	1 50	Horticulture 2	1 00
Entomology 6	1 50	Horticulture 3	2 00
Entomology 7a	2 00	Horticulture 5	2 50
Entomology 7b	2 00	Horticulture 7	3 50
Entomology 8a.	1 50	Horticulture 8a.	2 00
Entomology 8b	1 50	Horticulture 8b.	2 00
Entomology Ica.	2 00	Horticulture 15a	2 00
Entomology 10b	2 00	Horticulture 15b	2 00
Entomology 20	4 00	Horticulture 15c	2 00 2 00
Entomology 22	5 00 I 50	Horticulture 21a Horticulture 21b	2 00
Entomology 31	150 150	Horticulture 23a	2 00
Entomology 32a	1 50	Horticulture 23b	2 00
Entomology 102	1 50	Horticulture 24a	50
Entomology 107	2 00	Horticulture 24b	50
Entomology 108	1 50	Horticulture 25a	2 00
Entomology 109	1 50	Horticulture 25b	2 00
Entomology 110	1 50	Horticulture 26a	2 00
		Horticulture 26b	2 00
Farm Mechanics 1	250	Horticulture 27a	2 00
Farm Mechanics 3	2 00	Horticulture 27b	2 00
Farm Mechanics 20	1 50	Horticulture 30	2 00
Farm Mechanics 21	2 00	Horticulture 32a	2 50
Farm Mechanics 28	2 50	Horticulture 32b	2 50
Farm Mechanics 51	8 001	Horticulture 33	2 00
Franch ar	60	Horticulture 34	2 00
French 25	50	Horticulture 49	2 00
General Engineering Drawing 1	1 50	Horticulture 51	3 50
General Engineering Drawing 2.	1 00	Horticulture 53	I 50
General Engineering Drawing 4	1 50	Human Anatomy 1	£ 00
General Engineering Drawing 6.	1 50	Human Anatomy 2	5 00 5 00
		11uman 101atomy 2	3 00
Geology 1	I 00	Journalism 5	2 00
Geology 3	1 00	Journalism 6	2 00
Geology 15	I 00	Journalism ga	I 00
Geology 20	2 00	Journalism 13	I 00
Geology 22	I 00 I 00	Journalism 14	I 00
Geology 43	1 00		
Geology 47	1 50	Law courses for students of col-	
Geology 48	2 50	leges other than Law (per hr.)	1 00
Geology 49	2 50		
	-	Mechanical Engineering 23	I 50
Home Economics 1	5 50	Mechanical Engineering 31	1 00
Home Economics 5	4 00	Mechanical Engineering 61	3 00
Home Economics 6	5 50	Mechanical Engineering 62	1 50
Home Economics 7	3 00	Mechanical Engineering 64 Mechanical Engineering 65	4 50
Home Economics 11	1 00	Mechanical Engineering 85	4 50 4 00
Home Economics 14	16 00	Mechanical Engineering 87	4 00
Home Economics 33	3 00	Mechanical Engineering 88	4 00
Home Economics 35	5 00 10 00	Mechanical Engineering 89	4 00
Home Economics 41			
Home Economics 43a	300 300	Mining Engineering 9	2 50
Home Economics 430	4 00	Mining Engineering 10	2 00
Home Economics 50	1 00	Mining Engineering 13	2 50
Home Economics 51	3 00	Mining Engineering 18	4 50
Home Economics 55	10 00	Mining Engineering 61	1 00
Home Economics 102	10 00	Mining Engineering 62	1 00

¹To be charged unless instructor certifies student is not using materials in his testing work.

BOARD OF TRUSTEES

Mining Engineering 64 Mining Engineering 69	4 50 7 50	Physiology 4 Physiology 6 Physiology 7	3 50 3 50 3 50
Music (for each course in applied		Physiology 9.	3 50
music numbers 42a to 95b in-		Physiology 102	3 50
clusive) taken by students not		Physiology 102	
enrolled in School of Music	A.F. 00	Physiology 103	3 50
enrolled in School of Music	15 00	Daviah ala arra a	
		Psychology 3	1 00
Physical Education for Women		Psychology 4	1 00
(any course, charge once only		Dublic Constructor	
per person) (per semester)	1 50	Public Speaking 11	5 00
Distance of			
Physics 3a	3 00	Railway Engineering 62	3 00
Physics 3b.	3 00		
Physics 8a.	3 00	Spanish 25	50
Physics 8b.	300		-
Physics 15	1 50	T. & A. M. 15	1 50
Physics 17a	2 00	T. & A. M. 16	1 00
Physics 17b.	2 00	T. & A. M. 63	2 50
Physics 22a	2 00	T & A M 64	1 50
Physics 22b	2 00	T. & A. M. 64	1 30
Physics 31a.	3 00	7 1	
Physics 31b.	3 00	Zoology 1	3 25
Physics 33	2 00	Zoology 2	4 5°
Physics 36	2 00	Zoology 3	4 00
Physics 44a	4 50	Zoology 4	3 25
Physics 44b	3 00	Zoology 6	4 00
Physics 46a	3 00	Zoology 9 (per cr. hr.)	1 00
Physics 46b	3 00	Zoology 10	2 00
Physics 50	3 00	Zoology 11 (per cr. hr.)	I 00
Physics 51	3 00	Zoology 16	1 00
Physics 52	3 00	Zoology 17	3 25
Physics 53	3 00	Zoology 18 (per cr. hr.)	I 00
Physics 97	3 00	Zoology 22	4 00
Physics 98	3 00	Zoology 23 (per cr. hr.)	1 00
		Zoology 63	4 00
Physiology 2	3 50	Zoology 66	4 00

On motion of Mrs. Evans, this schedule of fees was adopted.

SURVEY OF MAPLE AVENUE

(8) A report of the status of affairs concerning the survey of Pennsylvania (Maple) Avenue, in Urbana.

This report was received for record.

SALARY OF DEAN LEONARD

(9) A recommendation that the salary of the Dean of Women, Miss Leonard, be made \$6500 a year, beginning September 1, 1930.

On motion of Mr. Armstrong, this recommendation was adopted.

TERM OF PRESIDENT CHASE BEGUN

President Kinley reported that he had made arrangements (with the approval of the President of the Board) to transfer to Dr. Harry Woodburn Chase at 11 o'clock a.m. on Saturday, July 5, 1930, the keys of his office as a token of the transfer of the duties and responsibilities of the office of President of the University.

The keys were transferred as arranged.

On motion of Mr. Armstrong, this transfer was made a matter of record, and Dr. Chase was officially declared to be President of the University as of this day and hour.

USE OF PRESIDENT'S HOUSE AND FURNISHINGS

Mr. Barr requested the Executive Committee to make a record of the fact that the understanding as to the leasing of the President's House to Dr. Kinley is as follows:

In consideration of the fact that Dr. and Mrs. Kinley are to leave certain articles of furniture and furnishings in the President's House for the use of Dr. and Mrs. Chase during the coming year, it is agreed that Dr. and Mrs. Kinley, on their return, and on the completion of the new President's house, are to have the use of furniture and furnishings belonging to the University and now in the house, and that these be considered part of the leased property.

On motion of Mr. Armstrong, this interpretation was adopted.

DEGREES IN MEDICINE

The Secretary of the Board presented for record a list of graduates of the College of Medicine, on whom the degree of M.D. has been conferred according to rule, from January 1, to July 1, 1930. Conferred January 2 1020

	Conjerrea J.	anuary 3, 1930
Sidney James MacLeod		
(Confe <mark>rred</mark> Ja	inuary 31, 1930
Willard Edwin Kramer	•	
	Conferred.	April 1, 1930
Edwin Waldamar Edahl	5	
	Confe rred	June 9, 1930
ROY PRESTON GARRETT, B.S.	-	Benjamin Seid, B.S.
JOHN ARCHIBALD MATHIS, B.		DENJAMIN GEIE, D.S.
	Conferred .	June 15, 1930
FELIX WALTER SOKOLOWSKI		
	Conferred	June 19, 1930
Edward Joseph McNulty		u ne 19, 1950
,	Conferred	June 24, 1930
RAYMOND G BAYLES	conjerica .	MARTHA LOUISE DEDRICK, B.S.
	~ • •	
	Conferred.	June 30, 1930
ALEXANDER LANFORD FREEM	IAN	FRANK JOSEPH LAVIERI, B.S.
	Conferred	July 1, 1930
IRVING RICHARD ABRAMS, B.		SALMON ARTHUR KOFF
MELVIN LOUIS AFREMOW, B.		LOUIS FRANCIS KOMPARE
MARSHALL WELLS ALCORN, 1		IKBAL KRISHNA, A.B., B.S.
DWIGHT WILSON ANDERSON,	B.S.	RALPH HESS KUNSTADTER, B.S.
WILLIAM EUGENE ANDERSON	, B.S.	Aaron Learner, B.S.
LAWRENCE GRANT BALDING,		LOUIS LEO LEVITT, B.S.
JOHN GOLDFREED BELLOWS,		IRVING DARIA LITWACK, B.S.
CLARENCE EDWARD BENSEM	а, B.S.	NAOMI THERESE LUCIUS, B.S.
EARL ELMER BLANCK, B.S.	~	GEORGE CLETUS MCGINNIS
CLAY STEPHEN BOSWELL, B.		Allan F McLaughlin, B.S.
MARSHALL OVID BOUDRY, B.	э.	Isadore Mallin, M.S.

1 IARSHALL UV D BOUDRY, B.S. Levi Martin Browning CARL EDWARD CLARK, B.S. JOHN HENRY CONNELL CARLOS CLINTON CRAIG, B.S. MARTIN SAUL CROFT, B.S. JAMES EUGENE PAUL DAVIA, B.S. BETTY DELSON, B.S. JOHANNA MARY DIECKMANN, A.B., A.M. Francis Emmons Drew, B.S. EMIL GUNVALD ERICKSEN PHILMOUR FINK, B.S. SIDNEY RICHARD FORKOSH, B.S. J WILSON GRAY, B.S. DANIEL HAFFRON, B.S. ARTHUR ABRAHAM HALEVY JAMES MANUEL JOHNSON, B.S. ALFRED PAUL KLOMHAUS

3., B.S. ADTER, B.S. S. B.S. аск, B.S. CIUS, B.S. GINNIS LIN, B.S. M.S. SADORE MALLIN, ALVIN LEROY MATHIS PERRY JULIUS MELNICK, B.S. GEORGE IRVING MEYER Alfred Frederick Miller, B.S. LEO FREDERICK MILLER, B.S. MAURICE MILLER, B.S. LAURENCE MOSES MOORE WALDO EVANS MURPHY JUSTIN RUSSELL NASH LOVELL ARTHUR NEAL, B.S. ROLAND CLIFFORD NELSON, B.S. John M Nowak, B.S. FREDERICK DENNIS O'DONNELL, B.S. DAN CLARK OGLE, B.S. IRWIN LOVETTE OLIVER, B.S. ELI HOLMES ORR, B.S. MEREDITH LOUIS HULT OSTROM, B.S. ROBERT LESTER PAXTON, B.S. Albert Charles Petrick, B.S. HUGH ALEXIS RASMUSSEN, B.S. ROBERT EARL REAGAN, B.S. JOSEPH CYRUS REINGOLD, B.S. BROOKS LEE ROBERSON HAROLD ALAN ROTH, B.S. CARMEN FRANCIS RUSSO, B.S. MAURICE AARON SCHILLER, B.S. JOHN WHEELER SCHORI HYMAN JOSEPH SCHORR ARTHUR LOUIS SHAFTON, B.S., A.B. HARRY SHUGER, B.S. DAVID CHARLES SIMON, B.S. CHARLES OTIS SMITH, A.B., B.S. Kenneth John Smith, B.S. ROBERT HARLIE SMITH, B.S.

SAM SOLOMON, JR., B.S. PERCY ALFRED STALEY ALEXANDER LOUIS STEARNS, B.S. CARROLL W STUART, B.S., D.D.S. FRED LOUIS STUTTLE, B.S. SAMUEL SCHWIED, B.S. ARTHUR ALFRED TAIT, A.B., B.S. WALTER WILLIAM TOBIN, B.S. KENNETH HOUSTON VINNEDGE ANNETTE CLARKE WASHBURNE, Ph.B., B.S. GEORGE SEYMOUR WEISS, B.S. NORMAN ARNOLD WIEN, B.S. HENRY H WOLF, B.S. GEORGE FREDERICK WOLLGAST MARSHALL E. YONAN, B.S.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary of the Board presented also for record the following list of appointments made by President Kinley:

Adamson, Raymond Sigfried, Assistant in Botany and Materia Medica, in the School of Pharmacy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and twenty dollars (\$120) a month. (June 23, 1930)¹

Arnold, Robert B., Assistant in Astronomy, on one-half time, for ten months beginning September 1, 1930, at a cash compensation of six hundred dollars (\$600). (July 2, 1930)

Beam, Mrs. Mary Werts, Assistant in Textiles, in the Department of Home Economics, in the College of Agriculture, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and forty dollars (\$140) a month. (June 23, 1930)

Beights, David Miers, Assistant in Accountancy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and seventy dollars (\$170) a month. (June 23, 1930) Berdahl, Clarence A., Professor of Political Science, on indefinite tenure begin-

Berdahl, Clarence A., Professor of Political Science, on indefinite tenure beginning September 1, 1930, at a cash compensation of four thousand dollars (\$4000) a year. (July 5, 1930)

year. (July 5, 1930) Bruch, Gerston, Assistant in Botany and Materia Medica, in the School of Pharmacy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and twenty dollars (\$120) a month. (June 23, 1930) Conner, H. A., Assistant in Chemistry, on one-half time, for ten months begin-

Conner, H. A., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (June 23, 1930)

Crudim, Myrtle Barbara, Assistant in Medicine, in the College of Medicine, for one year beginning September 1, 1930, without salary. (July 3, 1930)

Dickinson, Burrus S., Instructor in Journalism, for ten months beginning September 1, 1930, at a cash compensation at the rate of two hundred and ten dollars (\$210) a month. (June 27, 1930)

Dyson, Agnes, Stenographer and Clerk in the Department of Chemistry, for one month beginning August 1, 1930, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (July 3, 1930)

Fahlstrom, Florence Ann, Nurse in Pediatrics, in the College of Medicine, for four months beginning June 11, 1930, at a cash compensation at the rate of one hundred and fifty dollars (\$150) a month. (June 23, 1930)

Griffith, Esther, to give instruction in Chemistry in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred and twenty-five dollars (\$125) for the session. (June 25, 1930)

Gullette, Cameron Charles, Associate in the teaching of Romance Languages, for one year beginning September 1, 1930, at a cash compensation at the rate of two hundred and twenty-five dollars (\$225) a month. (June 27, 1930)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Henderson, Robert, to give instruction in English in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of two hundred and fifty dollars (\$250) for the session. (June 25, 1930)

Henry, William F., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 27, 1930)

a month. (June 27, 1930) Hess, T. Melville, Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 27, 1930)

Huesing, Margaret M., Assistant in Botany, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 30, 1930) Johnston, Mrs. Nell C. B., Assistant Professor of Education, for one year

Johnston, Mrs. Nell C. B., Assistant Professor of Education, for one year beginning September 1, 1930, at a cash compensation of three thousand dollars (\$3000). (July 5, 1930)

(\$3000). (July 5, 1930) Kendall, Willmoore, Jr., Assistant in Romance Languages, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and fifty dollars (\$150) a month. (June 27, 1930)

Kries, Elden L., Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 23, 1930)

(\$70) a month. (June 23, 1930) Larimore, Theodore Russell, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 23, 1930) Lohmann, Karl B., Professor of Landscape Architecture, in the College of Agri-

Lohmann, Karl B., Professor of Landscape Architecture, in the College of Agriculture, for one year beginning September 1, 1930, at a cash compensation of four thousand five hundred dollars ($\$_{4500}$). (June 28, 1930)

Mach, George Robert, Instructor in Business Organization and Operation, in the College of Commerce, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and eighty dollars (\$180) a month. (June 23, 1930)

Munro, H. E., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month (this supersedes his previous appointment). (June 23, 1930)

Niswonger, Clifford Rollin, Assistant in Accountancy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and forty dollars (\$140) a month. (June 23, 1930) Peirce, D. D., to give instruction in Chemistry in the Summer Session of 1930,

Peirce, D. D., to give instruction in Chemistry in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred and twenty-five dollars (\$125) for the session. (June 25, 1930) Rasmussen, Hugh Alexis, Resident in Internal Medicine, in the College of Medi-

Rasmussen, Hugh Alexis, Resident in Internal Medicine, in the College of Medicine, for one year beginning July 1, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 27, 1930)

dollars (\$50) a month. (June 27, 1930) Rassweiler, Merrill Paul, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 27, 1930)

Robertson, Pauline W., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (June 27, 1930) Sage, Mrs. Margaret Pearson, Instructor in Voice, in the School of Music, for

Sage, Mrs. Margaret Pearson, Instructor in Voice, in the School of Music, for five months beginning September 1, 1930, at a cash compensation at the rate of one hundred and eighty dollars (\$180) a month. (June 23, 1930)

Sarkissian, Arshag Ohan, Assistant in History, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 23, 1930)

a month. (June 23, 1930) Searle, N. E., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (June 27, 1930)

month. (June 27, 1930)
Sisson, W. A., Special Research Assistant in Chemistry, on one-half time, beginning June 1, 1930, and continuing until further notice, but not later than May 31, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (June 23, 1930)

Smith, Florence D., Assistant in Botany, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 1, 1930) Stout, William Harry, Assistant in Accountancy, in the College of Commerce,

on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 27, 1930) Templeman, William D., Assistant Professor of English, for one year beginning

September 1, 1930, at a cash compensation at the rate of two hundred eight dollars and thirty-three cents (\$208.33) a month. (June 26, 1930) Van Deventer, William C., Assistant in Zoology, on one-half time, for ten months

beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60)

a month. (July 1, 1930) Watson, Tully Franklin, Assistant in Physics, in the College of Engineering, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 27, 1930)

Waytz, Max, Assistant in Pharmacy, in the School of Pharmacy, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and twenty dollars (\$120) a month. (July 3, 1930) Weissberg, Samuel George, Assistant in Physics, in the College of Engineering,

on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 23, 1930) Young, Robert Thompson, Jr., Assistant in Physics, in the College of Engineer-

ing, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (June 23, 1930)

The Executive Committee adjourned.

H. E. CUNNINGHAM Clerk

George A. Barr LAURA B. EVANS JAMES W. ARMSTRONG

Committee

These minutes were received for record.

MATTERS PRESENTED BY PRESIDENT CHASE

The Board considered the following matters presented by the President of the University.

CHANGES IN THE BUDGET

(1) A report that pursuant to the authority given the President of the University, the following changes and adjustments in the budget for 1930-31 have been authorized, effective September 1, 1930:

1. Karl B. Lohmann, at present Associate Professor of Landscape Architecture at \$4250 to be Professor of Landscape Architecture at \$4500.

2. Dr. Clarence A. Berdahl, at present Associate Professor of Political Science at \$3600 to be Professor at \$4000.

3. An increase in the salary of Mr. Frederick S. Siebert, Associate in Journalism, from \$2500 to \$2800.

4. An additional provision for another teacher on one-half time for ten months at \$700 in the Budget of the University High School.

5. An increase in the allowance for temporary employees in the Expense and Equipment budget of the College of Law from \$1000 to \$1750.

6. An assignment of \$600 to the Department of Classics for the salary of a half time research assistant. (This assignment is for 1930-31 only and is to provide assistance to Professor W. A. Oldfather in important research work.)

7. The promotion in rank of Mr. F. G. Straub, Special Research Associate in Chemical Engineering, to be Special Research Assistant Professor of Chemical Engineering at a salary of \$4,000 a year (until further notice). 8. An increase in the salary of Professor G. L. Clark, of the Department of

Chemistry, from \$5500 to \$7000, beginning September 1, 1930.

On motion of Mrs. Evans, these changes were approved.

1930]

MATTERS PRESENTED BY DR. KINLEY

On request of President Chase, Dr. Kinley presented the following items of unfinished business which had been referred to him.

ROSELAWN CEMETERY

(A) At the request of President Chase I am submitting a report on negotiations concerning the purchase of certain portions of Roselawn Cemetery.

In the absence of our legal counsel, I employed Mr. Walter B. Riley, of Champaign, to represent us in this matter. After some discussion, on the advice of our attorney, I addressed the following letter to Mr. T. J. Paisley:

> Champaign, Illinois June 24, 1930

Mr. T. J. Paisley, Champaign, Illinois

In re: Roselawn Cemetery

DEAR SIR:

The Board of Trustees of the University of Illinois have at last decided to accept delivery of the deed for the unsold lots of Roselawn Cemetery now held in escrow by Trevett-Mattis Banking Company, and to pay therefor the sum of \$20,800.00, upon the following conditions:

Ist: Quit claim deeds be procured from Ada M. Paisley and husband and Bessie R. Wolf and husband, conveying all interest that they may have in the tract of land known as Roselawn Cemetery to the Board of Trustees of the University of Illinois.

2nd. An affidavit from Grace Howe Paisley stating that she was the Secretary of the Champaign Securities Company at the time of its dissolution, and at the time of the execution and delivery of the warranty deed from the Champaign Securities Company to Thomas J. Paisley of all unsold lots in the tract of land platted under the name of New Mount Hope Cemetery, and that Thomas J. Paisley, Grace Howe Paisley, Ada M. Paisley, and Bessie R. Wolf were the sole and only stockholders of said Champaign Securities Company at any time whatsoever.

3rd. That at the time of the delivery of the above mentioned deeds to the Board of Trustees of the University of Illinois, the Board of Trustees of the University of Illinois be furnished with duly certified copy or copies of a resolution to be adopted by both the members and the Board of Directors of Roselawn Cemetery Association at meetings specially called for that purpose, in and by which resolutions the members and the Board of Directors specifically relinquish to the Board of Trustees of the University of Illinois any and all care, control, or right of management that they may have in, to, or over any portion of Roselawn Cemetery in Champaign County, Illinois, not heretofore sold for burial purposes, and including in said resolution the release from the care, control, and management of said Roselawn Cemetery Association any lots heretofore sold for burial purposes which may hereafter be conveyed by the owners thereof to the Board of Trustees of the University of Illinois.

In connection with this transaction it has been suggested that the Board of Trustees of the University of Illinois either assume the conduct of the Roselawn Cemetery Association for the purpose of keeping the records thereof, and providing for opening of graves, and so forth, on lots now sold for burial purposes, or in lieu of that that the Board of Trustees find a man or designate a man who will take over such duties.

The Board of Trustees of the University of Illinois cannot under any circumstances assume such responsibility or liability and if the transfer of the above mentioned property to the Board of Trustees of the University of Illinois is contingent upon any such arrangement, the deal will have to fall through.

Anything in this letter contained referring to New Mount Hope Cemetery is understood to apply to the tract of land now known as Roselawn Cemetery.

> Respectfully, DAVID KINLEY

To this Mr. Paisley replied:

Champaign Illinois June 25, 1930

Board of Trustees of the University of Illinois c/o David Kinley, President of the University of Illinois and Executive Agent of the Board of Trustees thereof Urbana, Illinois

In re: Roselawn Cemetery

GENTLEMEN:

The undersigned, Thomas J. Paisley and Grace Howe Paisley accept your proposition for the purchase of lots in Roselawn Cemetery as outlined in your letter of June 24, 1930, as follows:

First: The undersigned will procure the Quit Claim Deed or deeds from Ada M. Paisley, Bessie R. Wolf, and her husband as outlined in said letter.

Second: The undersigned will furnish the affidavit of Grace Howe Paisley as requested in your letter.

Third: The undersigned will as soon as possible call meetings of the members and Board of Directors of Roselawn Cemetery Association and will then present and move the adoption of resolutions at said meetings as requested in your letter and will use their earnest influence to cause the said resolutions to be passed and adopted by the members and Board of Directors of said Corporation, the said resolutions to be in members and Board of Directors of Carlos such form as shall be approved by your attorney. Yours truly,

THOMAS J. PAISLEY GRACE HOWE PAISLEY

I may say that I sent a copy of my letter to the President of the Board, having told him of it in conversation, and it met with his approval.

On June 28, our attorney, Mr. Riley, informed me that the Board of Trustees of the Roselawn Cemetery Association, on June 27, adopted the resolution asked for, as follows:

RESOLUTION ADOPTED BY BOARD OF TRUSTEES OF ROSELAWN CEMETERY ASSOCIATION

BE IT AND IT IS HEREBY RESOLVED, That ROSELAWN CEMETERY ASSOCIATION release and relinquish, and it hereby does release and relinquish, unto the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, any and all right said ROSELAWN CEMETERY ASSOCIATION may have in or to the care, control and management of, in or to any portion of the tract of land known as ROSELAWN CEMETERY in Champaign County, Illinois, save and except only as to such portions of said tract of land as may have heretofore been sold for burial purposes and that said BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS be and it is hereby released from the care, control, and management of such excepted portions of said tract, provided, however, that nothing herein contained shall be taken or construed as releasing or waiving the right of ingress and egress, on the part of the owners, their family and friends, of such lots as have heretofore been sold for burial purposes, to such lots as have heretofore been sold for burial purposes, nor shall anything herein contained be taken or construed as a restriction of the right of burial upon any of the lots heretofore sold for burial purposes. BE IT AND IT IS HEREBY FURTHER RESOLVED, That the release and

relinquishment of the right of care, control and management so granted in the foregoing resolution to the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS shall extend to and be effective as to such lots in said Roselawn Cemetery heretofore sold for burial purposes as hereafter may be sold and conveyed by the rerespective owners thereof to the said BOARD OF TRUSTEES OF THE UNI-VERSITY OF ILLINOIS

BE IT FURTHER RESOLVED, That this resolution shall be effective only and upon the adoption of a similar resolution by the members of ROSELAWN CEM-ETERY ASSOCIATION at a meeting thereof to be called for that purpose.

It remained for the Members of the Association to adopt a similar resolution. I have received from our attorney the resolution adopted by vote of 50-46, according to his statement, by members of the Roselawn Cemetery Association, July 18, 1930.

RESOLUTION ADOPTED AT MEETING OF MEMBERS OF ROSELAWN CEMETERY ASSOCIATION

ON JULY 18, 1930 BE IT AND IT IS HEREBY RESOLVED, That ROSELAWN CEMETERY ASSOCIATION release and relinquish, and it hereby does release and relinquish, unto the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, any and all right said ROSELAWN CEMETERY ASSOCIATION may have in or to the care, control and management of, in or to any portion of the tract of land known as ROSELAWN CEMETERY in Champaign County, Illinois, save and except only as to such portions of said tract of land as may have heretofore been sold for burial purposes and that said Board of Trustees of the University of Illinois be and it is hereby released from the care, control, and management of such excepted portions of said tract, provided, however, that nothing herein contained shall be taken or construed as releasing or waiving the right of ingress and egress, on the part of the owners, their family and friends, of such lots as have heretofore been sold for burial purposes, to such lots as have heretofore been sold for burial anything herein contained be taken or construed as a restriction of the right of burial

upon any of said lots heretofore sold for burial purposes. BE IT AND IT IS HEREBY FURTHER RESOLVED, That the release and relinquishment of the right of care, control and management so granted in the foregoing resolution to the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS shall extend to and be effective as to such lots in said Roselawn Cemetery heretofore sold for burial purposes as hereafter may be sold and conveyed by the respective owners thereof to the said BOARD OF TRUSTEES OF THE UNI-VERSITY OF ILLINOIS.

BE IT FURTHER RESOLVED that this resolution is not to be construed as giving the University of Illinois any right to construct any building on any part of said real estate at any time in the future.

Accompanying these resolutions is the following letter from our attorney:

Champaign, Illinois July 19, 1930

Dr. David Kinley, President's Office, University of Illinois DEAR SIR:

I am pleased to be able to inform you that at the meeting of the members of Roselawn Cemetery Association held last night, the resolution asked for by us in connection with the Roselawn Cemetery deal was adopted by the members of said Association by a vote of 50 to 46.

Association by a vote of 50 to 46. I am herewith handing you a copy of the resolution adopted by the Board of Trustees, of the Roselawn Cemetery Association, and also a copy of the resolution adopted by the members of Roselawn Cemetery Association. The Secretary of the Association has executed and has in her possession proper certificates concerning these resolutions, which will be turned over to the Board of Trustees of the University of Illinois when the deal is consummated, together with a certain instrument as to ownership of stock in the Champaign Securities Company.

The Paisleys have now done all that we have asked of them except to procure deeds from Bessie R. Wolf and husband and Ada M. Paisley. Mrs. T. J. Paisley informed me this morning that these deeds will be forthcoming very shortly, and when she receives the deeds I can see no reason why the deal cannot be closed, and the deed held in escrow by Trevett-Mattis Banking Company lifted and filed for record, thus placing the title in the Board of Trustees of the University of Illinois.

placing the title in the Board of Trustees of the University of Illinois. I have explained to Mrs. Paisley that she will have to bear the expense of recording the quit claim deed from Mrs. Wolf and Miss Paisley, and also the expense of recording the affidavit relative to ownership of stock on the part of Ada M. Paisley and Bessie R. Wolf.

I am turning over to Mr. C. E. Keller, attorney, who has offices in the same suite with me, all of the files in connection with this deal, together with a copy of this letter, for the reason that I am leaving town on the afternoon of the 22nd instant, and I cannot see that this deal can be closed before that time. I have acquainted Mr. Keller with the facts in the case, and he can do all that I could do in closing the deal for the University. I trust this arrangement will be satisfactory to you. I call your attention particularly to the last paragraph of the resolution adopted by the members at their meeting on July 18th, wherein it says "Be it further resolved that this resolution is not to be construed as giving to the University of Illinois any right to construct any building on any part of said real estate at any time in the future.

In my opinion, and I might say in the opinion of Mr. Mulliken, that portion of the resolution means nothing, as the Roselawn Cemetery Association exists for no other purpose in the world than that of caring for the endowed lots in Roselawn Cemetery Association, and they cannot give to the Board of Trustees of the University of Illinois any right to build in Roselawn Cemetery, neither can said Association by its resolution deny to the Board of Trustees of the University of Illinois the right to build if such right exists.

Yours truly,

WALTER B. RILEY

I call your attention to the last paragraph of the resolution of the members of the Cemetery Association to the effect that the resolution is not to be construed as giving the University the right to construct any building on any part of said real estate at any time in the future. I call your attention further to the comments of our attorney on this matter.

I further call your attention to the fact that the failure of the members of the Association to adopt a resolution identical with that adopted by their Board of Trustees probably invalidates the latter; for the last paragraph of the resolution of their Board of Trustees reads: "BE IT FURTHER RESOLVED, That this resolution shall be effective only and upon the adoption of a similar resolution by the members of ROSELAWN CEMETERY ASSOCIATION, etc." The resolution adopted by the Association differs from that of the Trustees by the insertion of the paragraph providing that their action "is not to be construed as giving the University of Illinois any right to construct any building on any part of said real estate at any time in the future."

If your Board were to conclude the purchase of the property without taking notice of this paragraph expressing the action of the Association, which *in their opinion* would limit your action in the matter of erecting a building, members of the Association and probably others would regard it as being not in good faith. Therefore I am not able to recommend to you the conclusion of the negotiations looking toward the purchase of this property, nor have I seen my way clear to advise President Chase to that effect.

On motion of Mr. Armstrong, the following resolution was adopted:

RESOLVED, that the Board of Trustees of the University of Illinois concurs in the President's recommendation that the Board should not conclude the purchase of the Paisley property in Roselawn Cemetery with any limitations or restrictions as to its use not incompatible with the purposes of the rest of the cemetery.

SALE OF AGRICULTURAL PRODUCTS BY THE EXPERIMENT STATION

(B) I am making this report at the request of President Chase. The inquiry which has resulted in the report began some months ago on the basis of questions raised by a citizen and a letter of complaint received from the Champaign Chamber of Commerce. I gave the Board the substance of this inquiry and the complaint at a previous meeting in an informal way and asked that the matter be not at that time put in the record.

The substance of the inquiry and the complaint was that the agricultural business, so-called, carried on as a result of the research work of the experiment station, was increasing unduly and encroaching on the legitimate business of local business men. I first made an inquiry through the Dean and heads of the departments of the College of Agriculture and submitted the results of that inquiry to the individual who asked for information. I secured also certain data with reference to the complaint of the Champaign Chamber of Commerce. The facts showed in my opinion that there was no sufficient ground for complaint. However, in order to avoid any appearance of evading the issue I called together the members of the General Agricultural Advisory Committee on June 28, 1930. I laid the matter before them with such facts as were at hand and asked them to investigate and make a report to submit to you at this meeting. The Committee undertook to do this and appointed a sub-committee to do the work. I submit herewith the report of this sub-committee. This includes certain statistical information prepared by the Comptroller of the University setting forth the general facts relating to this whole matter. It seems to me that there is no sufficient ground of complaint. I ask that you make this statement and the report of the sub-committee a part of your record.

REPORT OF THE AGRICULTURAL ADVISORY COMMITTEE TO THE PRESIDENT OF THE UNIVERSITY OF ILLINOIS CONCERNING THE POLICY FOLLOWED BY THE COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION IN DISPOSING OF FARM PRODUCTS

July, 1930

After investigating the situation with respect to the sales of agricultural products by the College of Agriculture and the Agricultural Experiment Station of the University of Illinois your committee makes the following report.

It is the opinion of the members of your committee that the research activities of the Agricultural Experiment Station, although extensive and numerous, by no means meet the persistent demands made by the people of the state in the way of solving the farmers' economic problems. In many cases the material used in research projects is utilized for class room instruction, thereby conserving and utilizing fully the resources of the institution. The discontinuance of present research projects would constitute a retrenchment that would be to the disadvantage of the state as a whole and to the local community in particular.

The policy of the College of Agriculture and Agricultural Experiment Station has been to keep the production and sale of farm products at the smallest volume consistent with teaching facilities required for the student body and the pressing needs for the solution of problems vital to Illinois agriculture. The facts and figures taken from the records of the University indicate that such a policy has been followed during recent years. Fluctuations in prices of individual commodities cause fluctuations in value of sales of those commodities when the volume of sales remains constant. Furthermore, to meet some specific urgent problem, a large increase may be shown in the sale of a particular commodity for one year. Such was the case in 1928-29 when the scabby barley problem was so acute. Special cattle feeding experiments were conducted to help solve the problem. As a result the sales of cattle more than doubled in one year but the Agricultural Experiment Station of the University of Illinois received much favorable comment both within and without the state, on account of its research in this field. Sales of cattle for 1929-30 were again normal. Sales of poultry and poultry products have increased greatly in the last four or five years and are accounted for by the growth of the poultry division from a rather neglected part of the College and Experiment Station to one more nearly comparable to the position poultry holds in the work of other mid-west institutions and its economic importance in the state. We find no undue increase in the total volume of activities nor in any one line or lines. Where increases have been made, we find them justified. (See Exhibit A.)

The lack of facts and information with respect to the total volume of farm products handled in the Champaign-Urbana communities precludes an authoritative statement as to the extent of competition between the University and any line of business in these commodities caused by the sale of by-products of the College of Agriculture and Agricultural Experiment Station. The information available indicates that the sales by the University are a very small fraction of total sales of any farm product in the communities. The fact that sales of farm products by the University are not tending to increase in volume would indicate that conscious effort is being exercised to keep troublesome competition to the minimum.

Grain, potatoes, and meat animals are now disposed of at wholesale and not on the Champaign-Urbana retail market. Meats, poultry and eggs, dairy products, flowers, vegetables, fruits, cider and vinegar are sold locally either to local dealers at wholesale or at retail through the salesroom in the Agricultural Building, the greenhouse, or the retail milk routes. (See Exhibits B and C.) The sale of meats at wholesale through commission houses is impracticable because of the necessity of dissecting the carcasses for scientific analyses, and cutting into retail cuts in class room work.

Poultry and eggs could be sold at wholesale through commission houses only at a financial sacrifice because of the irregular supply of eggs and the necessity of slaughtering a large fraction of the poultry in connection with studies by the Animal Pathology Division of the inheritance of bacillary white diarrhea. (See Exhibit C.)

The quantity of butter produced by the University is too small and too variable to make it practical to sell it wholesale. It is also obvious that for purposes of teaching and research the problem cannot be adequately solved without placing the product into a retail package and following the result to its conclusion.

Since an important function of a milk distributing plant is the retail delivery of milk, the teaching and research would be seriously curtailed if the retail feature in such volume as to be on a practical scale were not made an important part of this work.

The general wholesale market would be a very unsatisfactory outlet for the flowers produced by the University because of the small quantities of the various varieties, the great variation in the kinds and amounts to be disposed of because the amount needed in class room work fluctuates greatly, and because some of the varieties of cut flowers needed in connection with the class room and research work will not stand shipping. (See Exhibit E.)

Many kinds of vegetables produced by the University are not usually produced in large enough quantities to sell at wholesale through commission houses except at a financial sacrifice. Certain kinds of vegetables are produced in large enough quantities at certain seasons to make possible shipments to a central market but at a sacrifice. Without doubt the volume of sales of vegetables by the University is insignificant compared to the volume of vegetables shipped into the local communities from central wholesale markets. The competition in vegetables is not between the local producer and the University but between local producers and products shipped in from central wholesale markets. (See Exhibit F.)

The fact that the 2915 bushels of apples sold in 1928-29 by the University consisted of some 1700 varieties and the 247 cases of cherries consisted of 42 varieties and the 272 cases of plums consisted of 22 varieties indicates that the plantings of fruits are made up of such a large number of varieties as to make their disposal at wholesale difficult and in some cases economically impossible. (See Exhibit G.)

The miscellaneous character of the fruit produced, together with its perishable nature calls for local consumption of a considerable part or financial loss to the state. Furthermore, it is sometimes necessary to let the fruit ripen to such an extent that it would be unfit for packing and shipping to a wholesale narket. The students need to know not only varietal characteristics but their good and bad points from the marketing standpoint, how to prepare and handle for local markets, as well as the necessity of a standardized grade of produce in package for both wholesale and retail markets.

Cider and vinegar are produced by the University in sufficient quantities to sell at wholesale on a central market but at a financial sacrifice to the state. The most efficient use of labor and filtering equipment makes it necessary to filter, fill, and dispose of both cider and vinegar in relatively small quantities.

We find that the College of Agriculture and the Agricultural Experiment Station have maintained a consistent policy throughout. The products sold are by-products of necessary teaching and research work. The sales of farm products have tended toward uniformity in quantity over a period of years. Exceptional increases have arisen from special demands made upon them to solve urgent agricultural problems. When the problem is solved the sales decrease accordingly. Their activities as to the sale of farm products are an open book. Those who contemplate entering business in the local communities may take these facts into account. Prices and conditions of sales have been such as to disturb competitive conditions as little as possible. Records of sales by the University indicate that increased competition in the business of selling farm products must have come about because of a greater number of establishments entering the local field and not because of greater volume of sales by the University.

Undoubtedly the local communities have profited largely by the presence of so large an institution in their midst, while in some minor particulars, some individuals or groups might be at a slight disadvantage. These minor disadvantages are apparent to all contemplating entering such business if they investigate. The sales by the University do not change materially from year to year, and any disadvantages are far outweighed by other advantages to these communities.

F. I. MANN N. W. Hepburn O. W. Hoit W. S. PERRINE

EXHIBIT A

INCOME FROM SALES	SOF	AG	RIC	CULI	TUF	2AL	PR) D C	UCT	`S		
Departments and Items	I	021-2	2	IÇ	22-2	3	I	23-2	4	I	24-2	5
Agronomy Grain Urbana Fields Grain Other Fields	. 6	576 651 227	73	6	810 663	79 84 63)	6	588 674 263	95	10	677 003 681	92
Animal Husbandry Cattle ¹		138			474			203		•	104	
Horses Meat.	- 3	130			884 281	46	4	911 084	70	3	179 660	97
Poultry and Eggs Sheep ¹	. 2	175 703	95	5	496 269	52	- 4	319 812	23	3	222 523	ōś
Swine ¹		153 301			341 747			331 736			620 310	
Milk and Cattle ² Creamery Products	. 114		32	123	923 894	36	144	257 028	28	134	055 337	52
Horticulture Flowers	(131	187 275		(128	817 430		(152	285 878	• •	(138		
Vegetables Urbana Fields Fruits Urbana Fields ³	. 3	112 152	12	4	984 658	5 I	6	884 719	50	13	272 299 965	18
Fruits Ölney Fields		540		Ī	853 926	47	4	321 804	75		281 819	60
Total	\$176	257	89	\$190	966	65	\$235	090	12	\$225	204	62

EXHIBIT A (Continued)

INCOME FROM SALES OF AGRICULTURAL PRODUCTS Department and Items 1025-26 1026-27 1027-28 1028-20 1020-20

Agronomy		23-2	.0		20-2	1	4,	27-2		13	20-2	y	49	129-3	U
Grain Urbana Fields	¢ ,	676	77	\$ 4	786	60	\$ 5	016		\$ 3	812	78	\$ 4	042	07
Grain Other Fields		223			520			538			597			361	
Grani Other Fields			98)		307			555			410			403	
Animal Husbandry	(099	907	(10	307	•••	(10	222	,	()	410	•//	(9	403	347
Cattle ¹	6	621	81	10	074	16	15	302	46	34	446	85	15	869	42
Horses		313			144			339			390			791	
Meat		797			991			004			284			525	
Poultry and Eggs		540			876			639			282			208	
Sheep ¹		810			876			936			807			255	
Swine ¹		160			961			031			817			210	
			ić)		925			253			028			859	
Dairy		• •						• •				• •			
Milk and Cattle ²		946			717			129					I	949	64
Creamery Products					912			34I			187		116	494	29
	(132	225	76)	(121	629	64)	(128	470	83)	(129	584	22)	(118	443	93)
Horticulture															
Flowers		415			047			261			608			558	
Vegetables Urbana Fields.		433			467			832			554			326	
Vegetables Cook County		238			284			832			596			755	
Fruits Urbana Fields ³		908		9	031		12	650			761		6	785	
Fruits Olney Fields		298	95		439	76		136	25	1	252	65		405	47
	(30	295	83)	(23	270	32)	(27	713	33)	(31	773	36)	(31	831	47)
Total	\$211	665	73	\$195	132	11	\$217	993	26	\$236	796	45	\$2 0 6	538	71
									L	loyd I	More	у, Са	mpire	ller.	

Including meat from slaughtered animals. Milk from University herds sold to Dairy Creamery and there resold is not included. Includes cider and vinegar.

EXHIBIT B SALES OF AGRICULTURAL PRODUCTS SALES OF GRAIN, HAY, AND POTATOES DURING 1928-29

		Bu.	Av.	Price			
Wheat		1304	\$1	04	\$13	59	40
Oats		3239 14		32	10		
Barley		481		54	2	59	61
Corn		7516		59	44	44	87
Soybeans		403	1	70	6	84	22
Potatoes		508		44	2	25	17
		25		80		20	00
		5 1/2	3	90		21	50
Chicken feed		182		30		55	42
		55 tons		00	2	75	00
		9½ tons	\$5	15		49	00
		31 tons	9	51	2	94	90
Timothy hay		15 ½ ton	s 6	15		95	81
		25 tons		00	-		00
	· · · · · · · · · · · · · · · · · · ·	6 tons	3	66		22	
	• • • • • • • • • • • • • • • • • • • •	3's ton				89	
Straw		Stack				5	00
Straw	• • • • • • • • • • • • • • • • • • • •	I ton				7	00
Range of prices					\$9 0	55	80
NUMBE OF PRICES	Wheat	from t 12 to	. \$ 1	~~			
	Oats			75			
	Barley		-	64			
	Corn.			00			
	Potatoes			70			
	Soybeans.			00			
	ooyocana			V 0			

EXHIBIT C SALES OF MEAT, MEAT ANIMALS, POULTRY, AND POULTRY PRODUCTS

(I)	P u	rchased	a jrom	Ulher	Distinsions	

Date	Purchased from	Material	Cost	Purpose Used for
July, Aug.	Swine		\$119 07	
Sept., 1928	Pathology	Cattle, chickens	405 44	Surplus Material Project 1205
Sept., 1920	Sheep	Lambs	183 35	An. Husb. 24, An. Husb. 36
	Genetics	Chickens	78 70	Surplus Material
Oct., 1928	Beef cattle	Cattle, calves	424 52	An. Husb. 24, An. Husb. 36
	Swine	Hogs	168 96	An. Husb. 24, An. Husb. 36
	Nutrition	Chickens	23 04	Surplus Material
	Genetics	Chickens	57 72	Surplus Material
	Pathology	Chickens	448 12 622 40 493 76 48 60	Project 1205
Nov., 1928	Beef Cattle	Cattle	622 40	Project 1057
	Pathology	Chickens, hogs	493 76	Project 1205, surplus material
	Poultry	Chickens	48 60	Surplus material
D	Sheep	Sheep	50 52	An. Husb. 24, An. Husb. 36
Dec., 1928	Beef Cattle	Cattle, calves	361 00	An. Husb. 36
Ten and Rob serve	Pathology	Chickens	356 04	Project 1205
Jan., and Feb., 1929	Swine Deef Contrib	Hogs		An. Husb. 10
	Beef Cattle	Cattle, calves	221 63	Color studies
	Sheep Beef Cattle	Lambs	141 48	Projects 322. 323
	Poultry	Cattle Chickens	250 28	Project 1057 Surplus material
	Pathology	Chickens	275 43 298 84	Project 1205
	Swine	Hogs	205 95	An. Husb. 10
March, 1929	Sheep	Lambs	39 15	An. Husb. 10
Match, 1929	Swine	Hogs	128 09	An. Husb. 10
	Beef Cattle	Cattle	106 00	Project 1057
	Poultry	Chickens	20 40	Surplus material
	Pathology	Chickens	265 92	Project 1205
	Dairy Dept.	Cattle	81 48	An. Husb. 10
April, 1929	Pathology	Chickens	112 10	Project 1205
	Poultry	Chickens	214 80	Surplus material
	Swine	Hoga	322 35	Project 1069, students judging
				contest
	Sheep	Sheep	145 40	An. Husb. 10, students judg-
				ing contest
May, 1929	Beef Cattle	Cattle	326 88	An. Husb. 10
	Swine	Hogs	419 45	Project 1069
	Dairy Dept.	Cattle	211 00	An. Husb. 10
	Poultry	Chickens	65 05	Surplus material
	Pathology	Chickens		Project 1205
T	Sheep	Lambs	13 60	Surplus material
June, 1929	Poultry	Chickens	112 50	Project 1205
	Swine Pathology	Hogs Hogs	403 93 90 00	Project 1069 Surplus material
July, Aug., Sept.,	Swine	Hogs	241 30	Project 1069
Oct., 1929	Sheep	Lambs	53 76	An. Husb. 24, An. Husb. 36
0000, 1929	Dairy Dept.	Beef	54 00	Surplus material
	Swine	Hogs	206 61	Project 1054, An. Husb. 24,
				An. Husb. 36
	(2) Pure	hased from Outside		
Aug. 6, 1928	Swift and Co.	Steer ribs and feet		Projects 1058, 243
	o nite und o tr	Steer ribs	. <u>.</u>	
Aug. 13, 1928	Swift and Co.	and shanks	223 36	Projects 1058, 243
Oct. 11, 1928	Nelson-Picard Co.	Pork	60 08	An. Husb. 24, An. Husb. 36
Dec. 5, 1928	Cudahy Packing Co.	Beef	280 74	An. Husb. 24, An. Husb. 36
Jan. 4, 1929	Swift and Co.	Beef ribs	310 08	Projects 1067, 1068
Feb. 20, 1929	Swift Canadian Co.	Wiltshires	47 88	An. Husb. 10
Feb. 28, 1929	Cudahy Packing Co.		380 82	Little International Meat
			-	Exhibit
March 4, 1929	Nelson-Picard Co.	Pork	. 890	An. Husb. 36 (Balance on ac-
A	0.16 1.0	n.(1.)		count)
April 19, 1929	Swift and Co.	Beef, lamb	327 69	
May, 1929	Palace Market	Beef	32 49	
Sept., 1929	Cudahy Packing Co.	Beet Deef lamb	274 37	An. Husb. 24, An. Husb. 36
Oct., 1929	Cudahy Packing Co.	Beet, lamb	508 46	An. Husb. 24. An. Husb. 36
		e	069 00	-

\$11 968 09

SUMMARY OF SALES

50	MARANI OF	SALLO		
JULY 1,	1928—NOVE	MBER 1, 1	929	
Division	Sales Not Made T	Percent of	Sales Made Thr	Percent of
	A mount	Total	Amount	Total
Beef Cattle		93 - 5	\$2 312 67	6.5 8.6
Sheep	6 137 44	91.4	579 50	8.6
Swine	8 241 23	82.1	1 793 79	17.9
Poultry	2 867 63	33.0	5 803 68	17.9 67 0
Genetics	162 77	54 - 4	136 42	45.6
Animal Pathology			3 003 741	
Meats			11 656 962	
(T-1-1		<u> </u>	t	32.6
Total	₽52 202 45	07.4	\$25 286 76	32.0

¹Mainly poultry. ³Minus the amounts above credited to other divisions.

EXHIBIT D SALES OF DAIRY PRODUCTS OCTOBER 25, 1928 TO OCTOBER 25, 1929

	0010	DLI	C 25	, Z	920 I	0.00	IUD	CR 25	, 1929	/	
Products	Unit	Tet	ıl Sa	1	Dat-2	l Price		clesale rice	Frate	ice to rniti Club	ies Prices not
											is whotesate
Acidophilus		6	623	00	\$		\$	20	Þ	20	
Acidophilus	Gals.		0	"	I	00		80		80	
Bulgarlac	Qts.		875			12		10		11	
Bulgarlac	Gals.		- 94			40		35		36	
Butter W	Lbs.		138					wholesa			
Butter R	Lbs.	4	074					esale pr			
Butter P	Lbs.		909	28	cream	patron	s get	butter a	it 40 03	er p	rice butterfat in
Buttermilk	Gals.		347	67				03			sour cream
Cheese C	Pkgs.	2	350			20-12 (D Z .	20-16	OZ. 2:	2-16	oz.
Cheese C	Curd. lb.		99	76		18		16		18	
Cheese N	4 oz. Pkgs		14 I	65		10		10		10	
Cheese P	Pkgs.		185	60		10		10		10	
Chocolate M	⅓ pt s .		811	42		05		035		04	
Chocolate M	Qts.		94	37		15		12		13	
Condense	Gals.	2	170	56				05 3/4 1	ь.		
Cream-18% Cream-22% Cream-32% Cream-32% Cream-32% Cream-32% Cream-32%	Gals.		599	70			1	50 Re	staurar	its	
Cream-22%	⅓ pts.	5	625	67		17		15		15	
Cream-22%	Qts.	3	304	09		65		46		53	
Cream-32%	Qts.		511	89		95		75		83	
Cream-32%	1/2 pts.	3	853	86		25		22		23	
Cream-32%	Gals.		205	35			1	76			
Cream-40%	Qts.		372	83	I	15		93	I	00	
Cream-40%	Gais.		700	56				20			
Cream-36%	Gals.		790	39			1	98			
Ice Cream	Qts.	2	521	86				40		40	50 up to 4
Vanilla	Qts.							35		35	40 more than 4
Ice Cream	Gals.		527	01	I	50-1	1	20-1-2			vanilla
					I	40-1-3	1	i 10-3 u	ip I	35 f	ruits and flavors
					I	30-3-5			I	50 f	ruits out of seasor
	_				I	25-5 u	P				
Dixies	Doz.		2 <u>1</u> 7			60		45		50	
Frappe	Gals.		e Fri		I	40	1	25	I	25	
	_		atio			95		85		85	
Polar Bars	Doz.	I	651		I	20		90		95	
Salad	Qts.		281	90	ľ	00		90		90	
Special			197								
Milk	1/2 pts.	2	715	64		05		035		04	
Milk	Qts.		826			14		I 2		13	
Milk	Gals.	8	288	67		45 onl;	yat	38		40	
						crea	атегу				
Skim milk	Gals.	3	094	88		20		_ 10	s than	15	
Charles and the	0.1.			<i>c</i> .					re than		
Starter	Gals.		704			22		17		18	
Sundries	Cale		772								
Condensing	Gals.		558					10			
Testing			171								
Chemical Sterilizer				75				17			
Packing			42	00							
Total Sales	•••••••	\$122	510	93							

EXHIBIT E SUMMARY OF SALES, 1928-29 FLORICULTURE

FLORIC	ULIUKE			
Total Sales				
Wholesale			\$3 044 08	
Retail	• • • • • • • • • • • •	• • • • • • • •	2 559 28	
				\$5 603 36
Note: This statement does not agree with the C	omntroller's	figures as		p5 003 30
it does not take into consideration charge				
end of fiscal year and the amount paid out	t in postage v	which was		
charged against the customers.				
	OWERS SO			
Carnations I. TOTAL FI	LOWERS SU	LD		
Wholesale	19 714	\$834 50		
Retail	1 018	151 50		
10001				
Total	20 732		\$986 oo	
Roses	0			
Wholesale Retail	17 802	948 38 812 12 1/2		
Retail	3 743	612 14/2		
Total	21 545		1 760 5035	
Chrysanthemums	545		• ,•• • •••	
Wholesale	2 634	178 38		
Retail	977	195 00		
Retail, assorted		79 30		
	3 611		452 68	
Note: Chrysanthemums include both large flowers	and sprays.		432 00	
Assorted includes both.	and sprayor			
Calendulas				
Wholesale	497	15 30 30 00		
Retail	204	30 00		
Total	701		45 30	
Sweet Peas	/01		45 30	
Wholesale	16 650	196 37 1/2		
Retail	3 450	152 25		
	<u> </u>			
Total	20 100		348 62 1/2	
Snapdragons Wholesale				
Retail.	436 396	35 08 79 00		
Retail				
Total	832		114 08	
Gladioli				
Wholesale	1 017	89 27		
Retail	64	16 00		
Total	1 081		105 27	
Violets			103 -7	
Wholesale	675	6 75		
Retail	2 000	60 <u>5</u> 0		
Total	2 675		67 25	
Callas Wholesale	356	68 58		
W HOICSale	350			
			68 58	
Orchids			-	
Wholesale	17	22 50		
Retail	24	12 00		
Total	41		34 50	
Daisies	4.		34 30	
Retail.	63 bunches	47 25		
D			47 25	
Pansies Retail	82 bunches	41 00		
MERGIN	or partenes	41 00	<u> </u>	
			41 00	
Greens				
Wholesale		I4 2I		
			14 21	

Plants Wholesale Retail	4 955 688	448 36 286 20		
Total	5 643		734 56	
Miscellaneous flowers				
Wholesale Retail		181 39 472 86		
Retail		472 00		
Total			654 25	
Note: Flowers sold in mixture, no record kept of va	rieties.		-34 -3	
Made-up work				
Wholesale		5 00		
Retail.		124 30		
			129 30	-
				\$1 602 26

PRICES

The variation in prices is due to variation in quality, season, and abundance of stock upon the market. Carnations

Wholesale, \$.01, .02, .03, .04, .05 each. Retail, \$1.00, 1.50, 2.00 per dozen. Roses Wholesale, \$.02, .03, .04, .05, .06, .08, .10, .15 each. Retail, \$1.00, 1.50, 2.00, 2.50, 3.00, 4.00 per dozen. Chrysanthemums Wholesale, single blooms, \$.08, .10, .25 each; sprays, \$.03, .03 ½ each. Retail, single blooms, \$.50, .75 each; sprays, \$1.50, 2.00 per dozen. Wholesale, \$.02, .03, .04, .06 each. Retail, \$1.50, 2.00 per dozen. Sweet Peas Wholesale, \$.25, .35, .37 1/2, .38 per bunch of 25. Retail, \$.75, 1.00, 1.25, 1.50 per bunch of 25. Snapáragons Wholesale, \$.04, .05, .06, .07, .10 each. Retail, \$2.00, 3.00 per dozen. Gladioli Wholesale, \$.08, .09, .15 each. Retail, \$3.00, 4.00 per dozen. Violets Wholesale, \$.25 per bunch of 25. Retail, \$.75, 1.00 per bunch of 25. Callas Wholesale, \$.12, .15, .20 each. Orchids Wholesale, \$.50, 1.50 each. Retail, \$.50 each (Cypripediums). Daisies Retail, \$.75 per bunch (15 to 18). Retail, \$,50 per bunch (12 to 15). Retail, \$,50 per bunch (12 to 15). Note: The few daisies and pansies sold at wholesale are included under miscellaneous. Wholesale, \$.01, .02, .03, .04, .06, .07, .10, .12, .15, .18, .20, .24, .25, .50, .75 each. Retail, \$.10, .15, .20, .25, .35, .50, .75, 1.00, 1.25, 1.50, 2.00 each.

The prices received for flowers, sold at retail, are the same as are received by local florists. These are higher than local prices in the sense that the University flowers must be called for while the florists deliver theirs.

The prices received for flowers sold at wholesale are the same as the local florists pay for them when bought from wholesalers.

The prices vary from time to time dependent upon the quality, the season of the year and the abundance of stock upon the market. Surplus stock, for which there is no sale, is sent to the University Hospital.

III. The flowers sold both at retail and at wholesale are those not required in class work. With the increase in the number of students, the quantity of flowers available for sale has decreased. The flowers are sold direct to the public at retail prices and to the local florists at wholesale prices.

IV.

All flowers sold, except in exceptional cases, are called for by both retail and wholesale customers. Only in cases when flowers are ordered for funerals or when orders come from out of town are they delivered.

EXHIBIT F QUANTITIES OF FRESH VEGETABLES SOLD JULY 1, 1928 TO JUNE 30, 1929

Asparagus, bunches. 5 558 Muskmelon, doz. 71 Beans, Lima, Ibs. 208 Mustard, Ibs. 285 Beans, String, Ibs. 2 232 Oniona, green, bunches. 1 659 Beets, Ibs. 3 936 Parsley, bunches. 4 394 Beets, Ibs. 3 936 Parsley, bunches. 1 700 Cabbage, Ibs. 3 936 Parsley, bunches. 2 594 Carrots, Ibs. 918 Peas, Ibs. 1 344 Calery Cabbage, heads 176 Rhubarb, Ibs. 6 6990 Calery Cabbage, heads 176 Rhubarb, Ibs. 6 445 Celery Cabbage, heads 176 Rhubarb, Ibs. 2 227 Corn, green, doz. 783 Salsify, bunches. 447 Cucumbers, doz. 120 Squash, summer, doz. 131 Eggplant, doz. 120 Squash, summer, doz. 131 Bodirve, Ibs. 101 Sweet Potatoes, Ibs. 1563 Kale, Ibs. 102 Squash, summer, doz. 133	Cen	ts	Cents
Beans, Lima, Ibs. 208 Mustard, Ibs. 285 Beans, String, Ibs. 2 323 Onions, green, bunches. 1 699 Beets, bunches. 1 553 Onions, ripe, Ibs. 4 394 Beets, bunches. 1 553 Onions, ripe, Ibs. 2 594 Cabbage, Ibs. 3 936 Parsley, bunches. 1 706 Cabbage, Ibs. 2 594 Parsley, bunches. 1 706 Carrots, bunches. 6409 Parsnipe, Ibs. 2 594 Carrots, bunches. 618 Peas, Ibs. 1 548 Carrots, bs. 8 225 Peppers, doz. 1 699 Califlower, heads. 74 Radishes, bunches. 1 699 Celery, Cat. 74 Radishes, bunches. 1 699 Celery, Cabbage, heads. 176 Rhubarb, Ibs. 262 Corn, green, doz. 783 Salsify, bunches. 247 Cycumbers, doz. 283 Spinach, Ibs. 3 227 Egglant, doz. 263 Squash, summer, doz. 1 31 Endive, Ibs. 36 Squash, summer, doz. 1 31 Leduce, Ibs. 1 55 <td< td=""><td>Asparagus, bunches 5 3</td><td>58 Muskmelon, doz</td><td>71</td></td<>	Asparagus, bunches 5 3	58 Muskmelon, doz	71
Beans, String, Ibs. 2 323 Onions, green, bunches. I 699 Beets, bunches. 1 553 Onions, ripe, Ibs. 4 394 Beets, Ibs. 3 936 Parsnipe, Ibs. 2 594 Carbage, Ibs. 16 409 Parsnipe, Ibs. 2 594 Carrots, bunches. 918 Peas, Ibs. 1 348 Carrots, Ibs. 8 225 Peppers, doz. 1 6099 Califiower, heads 344 Potatoes, Ibs. 6 6990 Califiower, heads 344 Potatoes, Ibs. 6 945 Celery, Cabbage, heads 176 Rubarb, Ibs. 6 445 Celery, Cabbage, heads 176 Rubarb, Ibs. 6 445 Corn, green, doz. 283 Spinach, Ibs. 3 227 Eggplant, doz. 120 Squash, summer, doz. 133 Endive, Ibs. 36 Squash, summer, ibs. 1563 Kale, Ibs. 33 Tomatoes, Ibs. 33 272 Isquish, winter, Ibs. 33	Beans, Lima, lbs 2	08 Mustard, lbs	
Beets, bunches. I 553 Onions, ripe, Ibs. 4 394 Beets, lbs. 3 936 Parsley, bunches. I 706 Cabbage, Ibs. 16 409 Parsnipe, Ibs. I 706 Carrots, bunches. 918 Peas, Ibs. I 348 Carrots, bunches. 918 Peas, Ibs. I 349 Carrots, bls. 8 225 Peppers, doz. I 002 Cauliflower, heads 344 Potatoes, Ibs. 6 999 Celery, doz. 74 Radishes, bunches. I 148 Celery, Cabbage, heads 176 Rhubarb, Ibs. 262 Corn, green, doz. 783 Salsify, bunches. 447 Cucumbers, doz. 283 Spinach, Ibs. 3 227 Egglant, doz. 120 Squash, summer, doz. 131 Endive, Ibs. 36 Squash, winter, Ibs. 1 563 Kale, Ibs. 101 Sweet Potatoes, Ibs. 2791 Kohlrabi, bunches. 378 Swise Chard, Ibs. 133 Leeks, bunches. 323 Tomatoes, Ibs. 33 272 Lettuce, leaf, Ibs. 1755 Turnips, bunches. </td <td>Beans, String, lbs 2 3</td> <td>23 Onions, green, bunches</td> <td>t 699</td>	Beans, String, lbs 2 3	23 Onions, green, bunches	t 699
Beets, Ibs. 3 936 Parsley, bunches. 1 706 Cabbage, Ibs. 16 400 Parsnipe, Ibs. 2 594 Carrots, bunches. 918 Peas, Ibs. 1 348 Carrots, Ibs. 8 225 Peppers, doz. 1 002 Caluiflower, heads 344 Potatoes, Ibs. 6 999 Celery, doz. 74 Radishes, bunches. 1 148 Celery, Cabbage, heads. 176 Rhubarb, Ibs. 6 445 Celera, doz. 783 Salsify, bunches. 447 Cucumbers, doz. 283 Spinach, Ibs. 3 227 Cuggplant, doz. 138 Squash, summer, doz. 1 31 Endive, Ibs. 36 Squash, summer, doz. 1 31 Endive, Ibs. 101 Sweet Potatoes, Ibs. 2 791 Kohlrabi, bunches. 323 Tomatoes, Ibs. 1 33 Leeks, bunches. 324 Tomatoes, Ibs. 3 3 272 Lettuce, leaf, Ibs. 1 759 Turnips, bunches. 389	Beets, bunches	53 Onions, ripe, lbs.	4 394
Cabbage, Ibs.	Beets, lbs 3 9	36 Parsley, bunches	706
Carrots, bunches 918 Peas, lbs. 1 348 Carrots, lbs. 8 225 Peppers, doz. 1 002 Cauliflower, heads 344 Potatoes, lbs. 6 999 Celery, doz. 74 Radishes, bunches 1 148 Celery, doz. 74 Radishes, bunches 1 445 Celery, doz. 74 Radishes, bunches 6 945 Celery, doz. 783 Salsify, bunches 262 Corn, green, doz. 783 Salsify, bunches 247 Cucumbers, doz. 283 Spinach, lbs. 3 227 Egglant, doz. 101 Sweet Potatoes, lbs. 1 731 Kohlrabi, bunches 378 Swiss Chard, lbs. 1 33 Leeks, bunches 323 Tomatoes, lbs. 33 272 Lettuce, leaf, lbs. 1 759 Turnips, bunches 33 272 Lettuce, leads 6 35 Water Cress, bunches 389	Cabbage, lbs	oo Parsnips, lbs	
Carrots, lbs. 8 225 Peppers, doz. 1 002 Cauliflower, heads. 344 Potatoes, lbs. 6 999 Celery, doz. 74 Radishes, bunches. 1 148 Celery Cabbage, heads. 176 Rhubarb, lbs. 6 445 Celery, doz. 231 Rutabagas, lbs. 262 Corn, green, doz. 783 Salsify, bunches. 447 Cucumbers, doz. 283 Spinach, lbs. 3 227 Eggplant, doz. 129 Squash, summer, doz. 131 Endive, lbs. 36 Squash, summer, doz. 135 Kale, lbs. 101 Sweet Potatoes, lbs. 2791 Kohlrabi, bunches. 378 Swiss Chard, lbs. 3 272 Lettuce, leaf, lbs. 1759 Turnips, bunches. 33 272 Lettuce, head, heads. 6 35 Water Cress, bunches. 369	Carrots, bunches		1 348
Celery, doz. 74 Radishes, bunches. 1 148 Celery Cabbage, heads 176 Rhubarb, ibs. 6 445 Celeriac, ibs. 231 Rutabagas, ibs. 2 645 Corn, green, doz. 783 Salsify, bunches. 447 Cucumbers, doz. 283 Spinach, ibs. 3 227 Eggplant, doz. 129 Squash, summer, doz. 131 Endive, fbs. 36 Squash, summer, ibs. 1 563 Kale, ibs. 101 Sweet Potatoes, ibs. 2 791 Kohirabi, bunches. 323 Tomatoes, ibs. 33 272 Lettuce, leaf, ibs. 1 759 Turnips, bunches. 33 272 Lettuce, head, heads. 6 35 Water Cress, bunches. 369	Carrots, lbs 8 2		
Celery Cabbage, heads 176 Rhubarb, ibs. 6 445 Celeriac, ibs. 231 Rutabagas, ibs. 262 Corn, green, doz. 783 Salsify, bunches. 447 Cucumbers, doz. 283 Spinach, ibs. 3 227 Eggplant, doz. 120 Squash, summer, doz. 131 131 Endive, ibs. 36 Squash, summer, doz. 131 1563 Kale, ibs. 101 Sweet Potatoes, ibs. 2791 Kohirabi, bunches. 378 Swiss Chard, ibs. 133 Leeks, bunches. 373 Tomatoes, ibs. 33 272 Lettuce, leaf, ibs. 1759 Turnips, bunches. 33 272 Lettuce, leaf, ibs. 1759 Water Cress, bunches. 389 Lettuce, lead, heads. 635 Water Cress, bunches. 185	Cauliflower, heads 3	44 Potatoes, lbs	5 999
Celeriac, Ibs. 231 Rutabagas, Ibs. 262 Corn, green, doz. 783 Salsify, bunches. 447 Cucumbers, doz. 283 Spinach, Ibs. 3 227 Eggplant. doz. 129 Squash, winter, Ibs. 1 31 Endive, Ibs. 36 Squash, winter, Ibs. 1 563 Kale, Ibs. 101 Sweet Potatoes, Ibs. 2 791 Kohlrabi, bunches. 378 Swiss Chard, Ibs. 1 33 Leeks, bunches. 323 Tomatoes, Ibs. 33 272 Lettuce, leaf, Ibs. 1 759 Turnips, bunches. 389 Lettuce, head, heads. 635 Water Cress, bunches. 1 55	Celery, doz	74 Radishes, bunches	1 148
Corn, green, doz. 783 Salsify, bunches. 447 Cucumbers, doz. 283 Spinach, lbs. 3 227 Eggplant, doz. 129 Squash, summer, doz. 131 Endive, ibs. 36 Squash, summer, ibs. 1 563 Kale, lbs. 101 Sweet Potatoes, lbs. 2 791 Kohlrabi, bunches. 323 Tomatoes, lbs. 33 272 Lettuce, leaf, lbs. 1 759 Turnips, bunches. 369 Lettuce, head, neads. 635 Water Cress, bunches. 1 859	Celery Cabbage, heads 1	76 Rhubarb, lbs	5 445
Cucumbers, doz. 283 Spinach, lbs. 3 227 Eggplant, doz. 129 Squash, summer, doz. 131 Endive, lbs. 36 Squash, winter, lbs. 1 56 Kale, lbs. 101 Sweet Potatoes, lbs. 2 791 Kohirabi, bunches. 378 Swiss Chard, lbs. 1 33 Leeks, bunches. 323 Tomatoes, lbs. 3 272 Lettuce, leaf, lbs. 1 759 Turnips, bunches. 389 Lettuce, head, heads. 635 Water Cress, bunches. 1 55	Celeriac, lbs 2	31 Rutabagas, lbs	262
Eggplant, doz. 129 Squash, summer, doz. 131 Endive, fbs. 36 Squash, winter, lbs. 1563 Kale, lbs. 101 Sweet Potatoes, lbs. 2 791 Kohlrabi, bunches. 378 Swiss Chard, lbs. 133 Leeks, bunches. 323 Tomatoes, lbs. 332 3272 Lettuce, head, heads. 635 Water Cress, bunches. 389	Corn, green, doz	83 Salsify, bunches	447
Endive, ibs	Cucumbers, doz 2	83 Spinach, lbs	3 227
Kale, Ibs. 101 Sweet Potatoes, Ibs. 2 791 Kohlrabi, bunches. 378 Swiss Chard, Ibs. 133 Leeks, bunches. 323 Tomatoes, Ibs. 33 272 Lettuce, leaf, Ibs. 175 Turnips, bunches. 389 Lettuce, head, heads. 635 Water Cress, bunches. 155	Eggplant, doz I		
Kohlrabi, bunches. 378 Swiss Chard, lbs. 133 Leeks, bunches. 323 Tomatoes, lbs. 33 272 Lettuce, leaf, lbs. 1 759 Turnips, bunches. 389 Lettuce, head, heads. 635 Water Cress, bunches. 155	Endive, ibs		
Leeks, bunches. 323 Tomatoes, Ibs. 33 272 Lettuce, leaf, Ibs. 1 759 Turnips, bunches. 389 Lettuce, head, heads. 635 Water Cress, bunches. 155			2 791
Lettuce, leaf, lbs			
Lettuce, head, heads			3 272
			389
Mint, bunches 23	Lettuce, head, heads	35 Water Cress, bunches	155
	Mint, bunches	23	

RETAIL PRICES OF VEGETABLES SOLD

JULY 1, 1928 TO JUNE 30, 1929

•	<i>,</i>	
Asparagus, bunch	15-20	Muskmelon, each
Beans, Lima, lb	10	Mustard, lb
Beans, string, lb.		Onions, green, bunch 5
Beets, bunch	5	Onions, ripe, lb
Cabbage, lb		Parsnips, lb
Carrots, bunch		Peas, 1b 5-20
Carrots, lb	5	Peppers, each 1- 5
Cauliflower, each	5-20	Potatoes, lb 2
Celery, bunch		Radishes, bunch 5-10
Celery Cabbage, each	10-20	Rhubarb, field, lb 5-12
Celeriac, lb		Rhubarb, hothouse, lb 15-25
Corn, green, doz		Rutabaga, lb 5-6
Cucumbers, field, each		Salsify, bunch 15
Cucumbers, hothouse, each		Spinach, lb 10-20
Eggplant, each		Squash, summer, each
Endive, lb		Squash, winter, lb 5
Kale, 1b		Sweet Potatoes, lb 3- 6
Kohlrabi, bunch	5	Swiss Chard, lb 10
Leeks, bunch		Tomatoes, field, lb
Lettuce, leaf, lb	10-20	Tomatoes, hothouse, lb 15-30
Lettuce, head, each		Turnips, bunch 5
Mint, bunch	5	Watercress, bunch 5

EXHIBIT G

QUANTITIES OF FRUIT AND FRUIT PRODUCTS SOLD

JULY 1, 1928 TO JUNE 30, 1929

Apples, bushels. 2 9 Blackberries, cases of 24 qts. 2 Cherries, cases of 24 qts. 2 Cider, gals. 3 I Currants, cases of 24 qts. 3 Gooseberries, cases of 24 qts. 3 Genere, the 3 Gooseberries, cases of 24 qts. 3 Gooseberries, cases of 24 qts. 3 Genere, the 3 Gooseberries, cases of 24 qts. 3 Gooseberries, cases of 24 qts. 3 Genere, the 3 Gooseberries, cases of 24 qts. 3 <	Raspberries, black Raspberries, Purp Raspberries, red, Strawberries, case Vinegar, gals	4 qts 272 k, cases of 24 qts 9 ple cane, cases of 24 pts 9 cases of 24 pts 9 se of 24 qts	
Grapes, lbs It 8			

PRICES OF FRUIT AND FRUIT PRODUCTS SOLD

JULY 1, 1928 TO JUNE 30, 1929

			5	
Apples, bu\$1		00	Plums, qt	10-15
Blackberries, qt	20		Raspberries, black, qt	25-30
Cherries, qt	15		Raspberries, purple cane, pt	20
Cider, gal	60		Raspherries, red, pt	25
Currants, qt	20-	30	Strawberries, qt	15-18
Gooseberries, qt	15-		Vinegar, gal	50
Grapes, lb	o 6–	10		

On motion of Mr. Trees, this report was received for record.

BOARD OF TRUSTEES

PENNSYLVANIA AVENUE

(C) I am making this report for, and at the request of, President Chase. I suggest that the Board, through its proper officers, propose to Mr. Lyle Gallivan the selection of a referee agreeable to both sides to determine the points in controversy concerning the survey of the Gallivan property, the line of which, our people contend, extends over on our property, the expense to be divided equally between the two parties. I also recommend the adoption of Professor J. M. White's recommendation

I also recommend the adoption of Professor J. M. White's recommendation contained in his letter of July 4, 1930.

I recommend that this matter be referred to the Committee on Buildings and Grounds.

On motion of Mr. Fisher, this matter was referred to the Committee on Buildings and Grounds for consideration and report.

The Board resumed its consideration of matters presented by President Chase.

ADDITIONAL APPOINTMENTS TO THE CLINICAL STAFF IN THE COLLEGE OF MEDICINE

(2) The Dean of the College of Medicine recommends the following additional appointments to the non-salaried clinical faculty for the year 1930-31.

Dr. Paul L. Schroeder, Associate Professor and Head of the Department of Social Hygiene, Criminology, and Medical Jurisprudence.

Dr. Rachelle S. Yarros, Professor of Social Hygiene.

Dr. George L. Mohr, Associate in Criminology.

These appointments are for one year from September 1, 1930. I recommend approval.

On motion of Dr. Noble, these appointments were approved.

CONTINUATION OF DEAN T. A. CLARK IN ACTIVE SERVICE

(3) In order to preserve continuity in the administration of student affairs at this time of transition in the general University administration, I recommend that Dean Thomas Arkle Clark be continued in active service as Dean of Men and Professor of Rhetoric, for one year from September 1, 1930, at his present salary of \$8,000.

On motion of Mrs. Grigsby, this recommendation was adopted.

LEAVE OF ABSENCE FOR DR. SIMEON BERMAN

(4) The Dean of the College of Medicine reports that Dr. Simeon Berman, Associate in Pediatrics, is in London ill with Malta fever, that his convalescence may be indefinite and therefore he cannot be certain of being back for the first semester of 1930-31. In view of this situation I recommend that Dr. Berman be given a leave of absence without pay from September 1, 1930, to February 1, 1931.

On motion of Mr. Armstrong, this leave was granted.

C. P. A. CERTIFICATES

(5) The Committee on Accountancy recommends that the following candidates, who are certified by the Board of Examiners in Accountancy as having passed the May, 1930, examination, be awarded C. P. A. certificates. I concur in this recommendation.

EARLE DICKINSON ATWATER VICTOR ORLANDO BERGQUIST MARTIN LEE BLACK, JR. CLARENCE BAILEY COX ARTHUR CLARENCE DROEGEMUELLER HOMER LLOYD DRULEY ROBERT GILMAN ELY RUSSELL JOHN FOX WALTER F. FRESE SYDNEY GORDON GLAYSHER MORTON F. HASLACHER CHARLES GEORGE KAISER CHARLES FAUL KRIES JAMES P. LINNEN GAZE ELMER LUKAS KENNETH EVERETT MILLER FORREST GLENN PADDOCK JAMES GLADSTONE PHILLIPS SAMUEL A SAKOLSKY RALPH HUGH SCHUETTE LESTER CHARLES SIMONS LEE JAMES SKONER KENNETH LEE SMITH BERNARD M VAUGHAN HERMAN WENDORF ARTHUR R WEINSTEIN CLINTON EDWARD WINKLER ARTHUR W ZIMMERMAN RUSSELL ARTHUR ZIMMERMAN On motion of Dr. Noble, these certificates were awarded.

APPROPRIATION FOR EQUIPMENT IN BURSAR'S AND REGISTRAR'S OFFICES

(6) A recommendation from the Comptroller that an appropriation of \$1,080 be made from the Reserve and Contingent Fund for the purchase of dictating equipment to be installed in the Registrar's Office and in the Bursar's division of the Business Office.

I recommend approval.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

APPROPRIATION TO THE DEPARTMENT OF HORTICULTURE

(7) A request from the Head of the Department of Horticulture and the Acting Dean of the College of Agriculture, concurred in by the Comptroller, that the sum of \$2000 be appropriated to the Department of Horticulture from the excess receipts over the estimated receipts of that Department as of July 1, 1930, for the following purposes:

For the purchase of equipment, \$1000.
For the purchase of cans for this season's pack of vegetables, \$1000, this

2. For the purchase of cans for this season's pack of vegetables, 1000, this amount being in excess of the amount allowed for this purpose in the budget of that division for the coming year.

I recommend approval.

On motion of Mr. Simpson, this appropriation was made as recommended, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

CONTRACT WITH HINNERS ORGAN COMPANY FOR PURCHASE OF ORGAN FOR SCHOOL OF MUSIC

(8) The Comptroller submits the following quotations on a two-manual practice organ for the School of Music. These quotations (except the first) are based on uniform specifications:

PROPOSALS ON TWO-MANUAL PRACTICE ORGAN

Wicks Pipe Organ Company, Highland, Illinois\$1		
Hinners Organ Company, Pekin, Illinois I	440	00
The Reuter Organ Company, Lawrence, Kansas 2	049	00
La Marche Brothers, Chicago, Illinois	150	00
Lewis & Hitchcock, Washington, D. C 2	450	00
All are not prices and include delivery and installation		

All are net prices and include delivery and installation. The figure quoted by the Wicks Pipe Organ Company, while low, is based upon the company's specifications instead of those furnished by the University. The latter call for electropneumatic action, considered by the organ builders to be the most satisfactory, while the Wicks specifications provide for a direct electric action.

Satisfactory, while the Wicks specifications provide for a direct electric action. In view of these facts the Director of the School of Music and the Comptroller recommend that the bid of the Hinners Organ Company, which is the next lowest and which is based exactly on the University's specifications, be accepted. I concur in this recommendation and recommend further that the Comptroller be authorized to conclude a contract with the Hinners Organ Company at a price of \$1440 delivered and installed (except for wiring and sheet metal connection for the blower, estimated to cost about \$50). Provision for the purchase and installation of this instrument was made in the special appropriation of \$3700 to the School of Music for 1930-31.

On motion of Mrs. Grigsby, the purchase of the Hinners organ was authorized as recommended.

Quotation is based on their specifications instead of on uniform specifications submitted by University.

CONTRACT WITH ILLINOIS TERMINAL COMPANY FOR CAR DEMURRAGE CHARGES

(9) I report that I have authorized the Comptroller to execute as a minor contract an agreement with the Illinois Terminal Company which enables the University to secure credit for freight cars which can be unloaded in less than the required time as a partial offset for those which cannot be unloaded within the required time and on which demurrage is charged. This agreement replaces a similar contract with the Illinois Traction System, of which the Illinois Terminal Company is the corporate successor.

On motion of Dr. Noble, this action was confirmed.

PURCHASE OF DIPLOMAS FOR THE YEAR 1930-31

(10) The Comptroller recommends the purchase of the diplomas which will be required during the year 1930-31 from the W. M. Welch Manufacturing Company in Chicago at a price of \$3,327.70 for 3,110 diplomas. Quotations were secured by the Purchasing Agent on uniform specifications from various manufacturers for diplomas engraved on parchment, with the Welch Company submitting the low figure. Provision for the purchase of these diplomas has been made in the budget of the Registrar's Office.

I recommend approval of this purchase.

On motion of Mr. Armstrong, this purchase was approved.

AGREEMENT WITH CROP PROTECTION INSTITUTE FOR INVESTI-GATION OF OIL-SULPHUR COMBINATIONS AS INSECTICIDES AND FUNGICIDES

(11) At the meeting on May 9, 1930 (Minutes, page 584), the Board authorized the execution of an agreement with the Crop Protection Institute (headquarters at Durham, New Hampshire) for a cooperative investigation by the Agricultural Experiment Station to determine the effects of certain oil-sulphur combinations as insecticides and fungicides. Subsequently, the Dean of the College of Agriculture and the Head of the Department of Horticulture requested that this agreement be canceled because of the failure of the Company to furnish the funds for this work. This contract was canceled at the meeting of the Board on June 19, 1930.

It appears now that the Institute wishes the agreement for this investigation to go forward. In fact, the Institute has already sent the University the first payment of 1,000 under the terms of this agreement. The Dean requests that this contract be restored and I concur.

On motion of Mr. Simpson, this contract was restored.

INVESTIGATION OF BOILER FURNACE REFRACTORIES

(12) On April 12, 1928 (Minutes, page 582), the Board approved an agreement with the Special Research Commission on Boiler Furnace Refractories of the American Society of Mechanical Engineers for a cooperative investigation of boiler furnace refractories by the Engineering Experiment Station. This agreement expired in November, 1929. On request of the Chairman of the Committee, the Assistant Dean of the College of Engineering recommends that this agreement be renewed now for the period of July 1 to December 1, 1930, in order to continue this investigation. The Committee agrees to contribute the sum of \$2380 for that period for the additional expenses of this investigation.

I have authorized the renewal of this agreement.

On motion of Mr. Armstrong, this action was confirmed.

AGREEMENT WITH THE INSTITUTE OF AMERICAN MEAT PACKERS FOR INVESTIGATION OF BACTERIA IN CANNED MEAT PRODUCTS

(13) On September 18, 1929 (Minutes, page 358), the Board approved an agreement with the Institute of American Meat Packers for a cooperative investigation of the bacteriology of canned meats by the Department of Bacteriology. This agreement will expire on September 15, 1930, and the Institute will have paid \$4,860 for the expenses of this investigation up to that date.

The Institute requests that this investigation be continued during the year 1930-31 and has agreed to finance the work in the same way as in the past year. The Institute expects to furnish up to \$3,000 more for the expenses of this work.

On request of the Head of the Department of Bacteriology, I have authorized the extension of this agreement for one year from September 15, 1930.

On motion of Mr. Fisher, this action was confirmed.

TERMINATION OF AGREEMENT WITH CHILEAN NITRATE OF SODA COMPANY FOR INVESTIGATION OF EFFECTS OF NITRATE OF SODA ON SOILS AND CROPS

(14) On June 11, 1929 (Minutes, page 248), the Board authorized approval of an agreement with the Chilean Nitrate of Soda Educational Bureau of New York City for a cooperative investigation of the effects of applications of nitrate of soda on soil and the crop growth under various conditions. This agreement was drawn for one year from September, 1929, with the expectation that it would be renewed, and the Company has already paid the sum of \$1,500 to cover the first year's expenses of this investigation.

The Dean of the College of Agriculture reports that the Bureau has requested the Agricultural Experiment Station to discontinue whatever plans have been made beyond the present year and has requested that the unexpended balance of \$1,317.22remaining in the funds advanced by them be refunded.

On recommendation of the Dean, I recommend that this investigation be dis-continued and that the balance indicated be returned to the Chilean Nitrate of Soda Educational Bureau of New York City in accordance with its request.

On motion of Dr. Noble, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

PAVING OF STREETS IN URBANA

(15) The City Attorney and Corporation Counsel of Urbana reports that the County Court of Champaign County has confirmed the Mathews Avenue, Romine Street, and University Avenue pavement projects. These proposed improvements conform to the plans submitted to the Board of Trustees on May 9, 1930 (Minutes, pages 582 and 583), at which time the Board voted to cooperate in these projects. The Supervising Architect reports that the special assessments against the Uni-

versity for street pavements in Urbana will be as follows: Testing and

			1	Harch 13, 1930
University Avenue (57 foot pavement)	\$9	561		\$13 854
Romine Street (37 foot pavement)	7	031	05	
Mathews Avenue (33 foot pavement)	27	285	88	27 670
Mathews Avenue—former assessment against Illi-				
nois Power and Light Corporation for the				
block between Oregon and California Streets,				
now transferred to the University		375	04	
	-			

Total Assessments for Urbana pavements

\$44 253 02 \$41 524 Inasmuch as these amounts differ from the estimates used in the official action of the Board accepting these assessments (Minutes, May 9, 1930, page 582), I recommend that this report be received for record and that the above assessments be accepted.

On motion of Dr. Noble, these revised assessments were accepted.

INSURANCE ON BUILDINGS UNDER CONSTRUCTION

(16) On March 11, 1930 (Minutes, page 542), the Board authorized the placing of fire and tornado insurance on the Chemistry Building Annex, during the period of construction, with the Fidelity-Phoenix Fire Insurance Company, through the Hayes-Atkinson Agency and the Burt-Rovelstad Company, at the rate of \$.38 per \$100. On April 9, 1930 (Minutes, page 566), a report was made that the company was unwilling to write the insurance at the rate quoted by the local representatives, and a recommendation was made that the insurance be placed with the next low bidder, Boggs & Cogdall, representing the Hartford Fire Insurance Company or the Phoenix Company of Hartford, at a net cost of \$.3888 per \$100. This agency shortly thereafter withdrew its proposal and declined to accept the business. All of these representatives are local agencies.

The Comptroller and the Supervising Architect now present a new schedule of proposals received on insurance for the Chemistry Annex, Woman's Gymnasium, and the Medical and Dental Laboratories. The low bidder on the Chemistry Annex and the Woman's Gymnasium is the firm of McKey & Poague of Chicago, with a quotation of \$.42 per \$100 per year, and the low bidder on the Medical and Dental Laboratories is Moore, Case, Lyman, & Hubbard of Chicago, with a quotation of \$.18 per \$100 per year. They recommend that the proposal of these two firms be accepted. All insurance is to cover fire and tornado risks and is to be in the automatic builders risk form with 100% coinsurance.

I concur in these recommendations.

On motion of Mr. Trees, the officers of the University were authorized to place this insurance as recommended.

CONTRACT FOR LABORATORY EQUIPMENT FOR CHEMISTRY ANNEX

(17) The Supervising Architect submits the following schedule of bids opened on July 18, 1930, for the laboratory equipment for the Chemistry Annex building:

CHEMISTRY ANNEX LABORATORY EQUIPMENT BID SCHEDULE

- A—If lead-coated copper-bearing steel is substituted for asbestos lumber specified, deduct.
- B—Add or deduct if chemical stoneware is substituted for alberene stone for sinks except in Lecture Room 113.

	-	А		В
Bidders	Base Bids	Deduct	Add	Deduct
 Walrus Mfg. Co., De- catur, Ill Kewaunee Mfg. Co., Ke- 	\$48 712 00	\$5 750 00		
waunee, Wis	48 156 80	698 65	\$2 056 90 (Knight)	
3. Sheldon & Co., Muske- gon, Mich	48 828 55	200 00		\$ 40 00 If used on
4. Welch Mfg. Co., Chi- cago, Ill	51 024 85	70 ⁹ 00		student tables
5. Monroe Benbrook & Co.,		738 00		
Chicago, Ill 6. Kimball Co., Chicago,	59 376 00			
Ill	59 997 4 ²	341 00		200 00
Ill	64 917 15	560 00		875 00
Iowa	65 000 00	2 250 00		530 00
Co., Long Island City, N. Y July 18, 1930	\$73 400 00 (Steel)			

The low bidder is the Kewaunee Manufacturing Company of Kewaunee, Wisconsin, but the alternate bid of the Walrus Manufacturing Company of Decatur provides for a so much larger deduction if lead-coated copper-bearing steel ducts are used in the desks for down draft hoods in place of asbestos lumber, that if advantage 1930]

is taken of this deduction the Walrus Company's bid is low. The Head of the Department of Chemistry believes that this substitution can be accepted to advantage.

The Supervising Architect therefore recommends that the contract be awarded to the Walrus Manufacturing Company of Decatur at their bid of \$48,712.00, less the deduction of \$5,750, making a net bid of \$42,962, the University to reserve the option of substituting, without change in price, chemical stoneware sinks for the alberene sinks which were specified.

I recommend approval.

On motion of Mrs. Evans, this contract was awarded to the Walrus Manufacturing Company as recommended.

CONTRACT FOR VENTILATION IN WOMAN'S GYMNASIUM

(19) At the meeting of the Board on June 10, 1930, a schedule of bids was submitted for the ventilating of the Woman's Gymnasium. All of these bids were rejected because the bids for the general contract were so high that the building could not be constructed within the appropriation. Consequently, the plans were modified and revised bids received. Since modified plans involved very little change in the ventilating, no revised bids were taken on this installation. However, some revisions have been made in this work to reduce the expense and the Supervising Architect recommends that the contract for this work be awarded to Harry Derrough of Champaign, who was the low bidder, on the basis of a deduction of \$1,160 from his original bid of \$4,940, making a net bid of \$3,780.

I recommend approval.

On motion of Mr. Trees, this contract was awarded to Harry Derrough as recommended.

BOILER HOUSE ADDITION

(19) The following report from the Supervising Architect of work done on the remodeling of the Boiler House under the general authorization given by the Board of Trustees on June 19, 1930 (Minutes, page 704):

 (1) The Alphons Custodis Chimney Construction Company (who built the

(1) The Alphons Custodis Chimney Construction Company (who built the present stack) bid \$2,440 on the changes necessary in cutting two new openings at a higher level and bricking up the old one. The order has been placed with them because, under the circumstances, they will continue to be responsible for the stability of the stack.

(2) In the raising of the two boilers, it is necessary for the Babcock & Wilcox Company, who manufactured the present boilers, to furnish the necessary supporting and housing equipment for the greater height of the boilers. This has been carefully detailed; their proposal is \$4,409.00, and the order has been placed with them.

(3) The additional steel for the building reconstruction has been ordered from the Mississippi Valley Structural Steel Company of Decatur. This firm can give quick delivery on material which has to be specially detailed to fit in with the present steel frame of the building. The amount of this order is \$3,644.00.

The following are bids which have been received on the setting of the two boilers:
National Power Construction Co., Chicago $\dots $ $\$7 260 \infty$
0. H. Warwick Co., Chicago
Geo. Allen & Co., Chicago
The Supervising Architect recommends that the contract be awarded the O. H.
Warwick Company, low bidder, on the basis of their bid of \$6,520.00.

The following bids have been received on stokers (the new type of forced draft stokers):

Johnson & Jennings Co., Cleveland
Two Stowe stokers\$ 9 660 00
Illinois Stoker Co., Alton
Two stokers 11 000 00
Babcock & Wilcox Co., Chicago
Two stokers 11 471 00

The Supervising Architect recommends that the contract be awarded to Babcock & Wilcox Company on the basis of their bid of \$11,471.00, because of the higher quality of their equipment and because there is an advantage in having this firm, which manufactured the present boilers, do the work to centralize the responsibility for the results. The recommendation was concurred in by Professors Leutwiler, Polson, and Kratz of the Department of Mechanical Engineering, letters from all of whom were submitted with the recommendation.

It will also be necessary to purchase fans at an estimated cost of \$2,500.00, and to erect a new stack at an estimated cost of \$12,000.00. Bids on the fans and stack will be submitted later. The Supervising Architect requests action on these by the Executive Committee when the bids are in.

In connection with these proposals the Comptroller submits a request for authority to purchase 290 boiler tubes from Joseph T. Ryerson and Sons at a price of \$1,616.63. Quotations on this material were secured from the Purchasing Agent and the Ryerson Company is one of two low bidders. Provision for this purchase is made in the State Appropriation for the Boiler House.

I concur in the recommendations with reference to the award of the contracts, and recommend that the purchase of the boiler tubes be authorized, and submit the report of the other work for record.

On motion of Mr. Fisher, the contract for setting the boilers was awarded to the lowest bidders, the O. H. Warwick Co., as recommended.

On motion of Dr. Noble, the contract for stokers was awarded to the Babcock & Wilcox Co., the highest bidders, as recommended.

On motion of Mr. Armstrong, the purchase of boiler tubes was authorized as recommended. Mr. Fisher requested to be recorded as not voting on this motion.

AWARD OF CONTRACT FOR SANITARY AND STORM SEWER LINES

(20) The Supervising Architect submits the following bids, received on July 22, on the sanitary and storm water sewers for the Woman's Gymnasium and a storm sewer line to be connected with the new 39 inch Wright Street sewer:

DRAINAGE LINES

WRIGHT STREET EXTENSION AND WOMAN'S GYMNASIUM BID SCHEDULE

Sanitary Line "A".
 Sanitary Line "B".
 Storm line marked "C" using 24 in. reinforced concrete pipe as specified.
 Storm line marked "C" but using 24 in. non-reinforced concrete pipe.
 Storm line marked "C" but using 24 in. No. 2 double-strength hub and socket sewer tile.
 Storm line marked "D" complete as shown.

(0) Otoma muc manaced	1 0010	pieve do i					
Bidders 1. Christensen Bros	(1)	(2)	(3)	(4)	(5)	(6)	٦
1. Christensen Bros	420 84	706 05	3 588 88	3 172 64	3 046 80		1
2. Johnson Bros	No bid						
TT I BOOM			(3)	(4)	(5)		36-30
 Johnson Bros Kent & Co 	355 00	503 00	2 835 00	2 448 00	2 545 00	4 490 00	Con
4. L. Linderman	151 50	517 05					Con.
 Wm. O'Brien 	No bid						
6. Frank Somers	587 50	773 40	4 051 60	3 712 80	3 519 20	4 729 60	J
		(2)-	- 537 95				
			-2448 00				
		(6)-	-4490 00				
			7475 05				
II			7475 95				

He recommends:

1. That the contract for the sanitary sewer for the Woman's Gymnasium be awarded to Mr. L. Linderman, the low bidder, but that the higher one of his two bids, which is \$537.95, be accepted, because the location of that line is more favorable than the cheaper one, and the difference in the cost is not great.

2. That the contract for storm drains, starting at Iowa and Lincoln Avenues in Urbana and extending up to where a branch can be taken for the Woman's Gymnasium, be awarded to Kent & Company on the basis of their bid of \$2448. This is for 24" concrete tile.

1930]

3. That the contract for a 36'' extension of a drain from the Wright Street sewer, west along Armory, reduced to a 30'' drain at Sixth Street, and extended south to Gregory Drive—this tile to be of reinforced concrete—be awarded to Kent & Company on the basis of their low bid of \$4490.

The total of these contracts will amount to \$7,475.95. Funds for this work are available in the Physical Plant Extension Appropriation.

I recommend award of these contracts as indicated in each case.

On motion of Mr. Simpson, the contract for the sanitary sewer was awarded to Mr. Linderman, on the basis of his bid of \$537.95, as recommended.

On motion of Mrs. Grigsby, the contract for storm drains for the Woman's Gymnasium was awarded to Kent & Co., the lowest bidder, as recommended.

On motion of Mr. Trees, the contract for storm drains connecting with the Wright Street system was awarded to Kent & Co., the lowest bidder, as recommended.

CHARGES AGAINST ILLINOIS UNION FOR STEAM AND ELECTRICAL INSTALLATIONS

(21) Certain changes have been made for the Illinois Union in the steam returns and electrical conduits between the Campus and the Union Building at a total cost of \$2,678.02. The Board of Directors of the Illinois Union request permission to reimburse the University for this work on a deferred-payment plan to begin September 1, 1931, and to be spread over a period of four years, payments to be made monthly, and to be prorated to the heat, light, and power bills submitted by the University for these services.

The Supervising Architect and the Comptroller recommend approval, and I concur.

On motion of Dr. Noble, this recommendation was approved.

PAYMENT OF PATENT ATTORNEY FEES

(22) The Supervising Architect submits statements from Brown, Jackson, Boettcher, & Dienner, patent attorneys for fees and services in connection with certain patent cases as follows:

Dana Burks, Jr., Case 1-Chemical Treatment of Water	\$309 00
Dana Burks, Jr., Case 2-Means and Method of Freezing a Clear	
Block of Ice	285 20
Paine, Brown, and Tykociner-Cable Testing Invention	50 00
Buswell & Boruff, Case 1-Cellulose Digestion	15 00
Disbursements	4 11
Babbitt & Schlenz, Case I—Sludge Digestion	32 00
Total	\$695 31

These statements are submitted to the Board for approval. Provision has been made in the budget for 1930-31 for the payment of such expenses.

On motion of Mr. Fisher, this payment was authorized.

PURCHASE OF SHELVING MATERIAL FOR LIBRARY

(23) The Supervising Architect requests authority to place an order with the Paltridge Metal Equipment Company for bases and shelving, to be used in connection with some old shelving material left over when the Library was moved to the new building, for the construction of newspaper shelving in the south basement of the Library Building, at a price of \$4,943.80, f.o.b. trucks at the building. The cost of this material will be charged to the Physical Plant Extension Appropriation.

I recommend that this purchase be authorized.

On motion of Dr. Noble, this purchase was authorized.

CONTRACT FOR CATTLE FEEDING PLANT AND AGRONOMY SEED HOUSE

(24) The Supervising Architect reports that on July 18, 1930, bids were received on the general contract and equipment for the addition to the Cattle Feeding Plant, with Mrs. Laura B. Evans of the Board present at the opening of these bids. The low bidder on the general contract was the Keystone Construction Company of Kansas City with a bid of \$43,750; the low bidder on the equipment was the Webster Manufacturing Company of Bloomington, Illinois, with a bid of \$20,976. These bids exceed the available balance (\$54,606.30) in the appropriation of \$115,000 made by the last General Assembly for additions to the Cattle Feeding Plant and the Agronomy Seed House.

The general contract bid includes rebuilding two of the present silos, estimated by the contractor to cost \$4,780, which may be charged against the Physical Plant appropriations for maintenance. One of the items in the equipment schedule, a grain dryer estimated to cost \$3,343, may be purchased out of the special equipment fund of the College of Agriculture. The electric wiring, estimated to cost \$1,270, can be done by the Physical Plant Division after the completion of the general contract. The bid also provides for a credit of \$245 on roofing. By taking this credit and eliminating the cost of the rebuilding of the two silos, the electric wiring, and the grain dryer from the bids the net contract price can be reduced to \$53,866, which is within the balance available for this work.

The Supervising Architect recommends that this plan be followed and that the contract for the general work be awarded to the Keystone Construction Company of Kansas City, low bidder, on their base bid of \$4,3,750, with the deductions indicated; and that the equipment contract be awarded to the Webster Manufacturing Company of Bloomington, Illinois, on the basis of their bid of \$20,976.

I recommend approval.

On motion of Mr. Trees, these contracts were awarded as recommended, and the plan of procedure proposed by the Supervising Architect was approved.

ROYALTIES ON PHOSPHORUS TEST SOLUTION

(25) On December 12, 1929 (Minutes, page 464), the Board voted to enter into an agreement with the Urbana Laboratories giving them the exclusive right to manufacture and sell a solution known as the "Field Test for Available Phosphorus in Soils," under the trade name of "Hi-Lo-Fosfate." The University has applied for a patent on this solution. Under the terms of this contract a royalty of ten cents a quart is to be paid the University on all sales of this product by this Company. At the meeting of the Board on February 5, 1930 (Minutes, page 512), a report was made of the receipt of \$10.94 in royalties up to December 31, 1929. The Comptroller now reports the receipt of \$42.05 in royalties for the first quarter and \$32.39 for the second quarter of 1930, making a total of \$85.38 received to June 30, 1930.

This report was received for record.

GIFTS TO THE UNIVERSITY

(26) The following report of gifts received and accepted since the last report was made to the Board:

1. From the Standard Brands Incorporated of New York a renewal of the \$3,500 grant made by the Fleischmann Yeast Company in 1929, known as the Fleischmann Research Fund, (Minutes, April 10, 1929, page 161) for research work on the effect of yeast on the digestive tract. One-half payment of \$1,750 for this fund for 1930-31 has been received and deposited with the Comptroller. 2. From Mr. Robert F. Carr, the sum of \$900 for research work on allergy

 From Mr. Robert F. Carr, the sum of \$900 for research work on allergy (asthma, hay fever, etc.) in the College of Medicine, this being the second payment on his gift of \$1,800 for this work. (Minutes, February 20, 1930, page 530, and May 9, 1930, page 584.)
 From the Chicago Bridge and Iron Works, specimens of structural steel,

3. From the Chicago Bridge and Iron Works, specimens of structural steel, for use in the cooperative investigations of Biaxial Stresses and of Riveted Connections toward which the Company has also advanced \$1,700 for each investigation (Minutes, March and April, 1928, pp. 565 and 582).

This report was received for record.

or 1929-30:				
REGISTRAR'S REPORT OF FEES ASSESSED				
SECOND SEMESTER,				
URBANA DEPARTM	ENTS			
	Gross	Re	fund	Net Total
Matriculation Fees.	\$ 3880	00 \$	60 0	0 \$ 3 820 00
Incidental Fees	-			-
Resident.	185 162	50 3	725 0	0 181 437 50
Non-Resident	48 831	25	768 7	5 48 062 50
Thesis Work in Absentia	100			100 00
Tuition Fees	1 110		105 0	
Visitor's Fees	318			318 75
Late Registration Fees	1 190		340 0	
Change Fees.	1 272		10	
Special Examination Fees	1 760		25 0	
Special Fee in English	55			55 00
Transcript of Credits Fee	358			358 00
Diploma Fees	18 370	00		18 370 00
Total, General Fees, Urbana	\$262 407	50 \$5	024 7	5 \$257 382 75
Laborations Ford				
Laboratory Fees Agronomy	263	~	20	0 261 00
Anatomy	795		20 0	
Athletic Coaching.	520		11 0	
Bacteriology	755		31 7	
Botany	688		22 7	
Ceramic Engineering.	115		11 0	
Chemistry	19 494		046 3	8 18 448 12
Civil Engineering	625	ŝo	95	o 616 00
Dairy Husbandry	153	00	10 5	0 142 50
Electrical Engineering	606	50		606 50
Entomology	229		90	
Farm Mechanics	206		16 O	
General Engineering Drawing	563		30 2	
Geology	334		19 0	
Home Economics	1 421		61 0	
Horticulture	351		11 0	
Journalism	230		4 9	
Law	51		65	
Mechanical Engineering	1 384		17 0	
Mining Engineering		50	10	
Music.	4 375		200 0	
Physical Education (Women)	2 257		87 0	
Physics	1 988		40 5	
Physiology	843		42 0	
Psychology Public Speaking	62 145		15	
Spanish	145			0 10 50
T. & A. Mechanics.	537		37 0	
Zoology	1 631		51 7	
Total Laboratory Fees, Urbana	\$ 40 576		806 8	
Total Fees, Urbana Departments	\$302 984	25 \$6	5 831 6	64 \$296 152 61

REGISTRAR'S REPORT OF FEES

(27) The following report from the Registrar of fees assessed for the second semester of 1929-30:

Pharmacy Total Net Cross Refined Gross Refined Net	5 1000 5 5000 5000 1257 5411 88 735 37 5124 54 50 73 50 26 73 1350 500 5000 5124 54 55 57 54 60 50 55 1350 500 5000 5124 54 55 54 55		\$27 932 75 \$461 88 \$10 017 37 \$124 54 \$28 461 50 \$461 13 \$ 66 411 62 \$1 047 55 \$ 65 364 07 \$4 105 50 \$132 81 \$ 3 922 50 \$ 565 50 \$ 9 816 00 \$210 25 \$ 17 314 00 \$ 408 56 \$ 16 905 44 \$4 105 50 \$513 81 \$ 3 922 50 \$ 565 50 \$ 9 816 00 \$210 25 \$ 17 314 00 \$ 54 105 56 \$ 16 905 44 \$54 105 50 \$513 81 \$ 5 392 50 \$ 50 \$ 9 816 00 \$510 25 \$ 17 314 00 \$ 54 105 56 \$ 16 905 44 \$54 105 50 \$ 513 80 \$ 73 \$ 65 10 \$ 79 \$ 816 70 \$ 87 73 \$ 83 7 72 \$ 52 \$ 16 705 \$ 81 260 \$ 15 \$ 82 260 \$ 51 \$ 597 54	¹ Does not include deposits, breakage fees, and locker fees. During the academic year a total of \$17,357,53 has been assessed on account of these items. The total refunds on these items has been \$4,559,32. The year figures are given rather than the semester figures because several of these items are assessed the first semester and
CHICAGO DEPARTMENTS ¹ Medicine Gross Refund Gross Refund	5 10 5 50 50 2657575 541188 873537 512454 54 310 500 5000 87000 512454 54	7 00 1 00 990 00 370 00	\$27 932 75 \$461 88 \$10 017 37 \$124 54 \$ 4 105 50 \$132 81 \$ 3 392 50 \$ 65 50 \$32 038 25 \$594 69 \$13 409 87 \$190 04	ocker fees. During the academic year a total of β . Agures are given rather than the semester figures
	Matriculation Fees.	A tauget pu of creating rees	Total General Fees, Chicago. Laboratory Fees. Total Fees, United Departments. Total Fees, Unitersity	¹ Does not include deposits, breakage fees, and lo refunds on these items has been \$4,559.32. The year fi

refunds on these m refunded in June.

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(28) The following quarterly report of the Comptroller to the Board as of June 30, 1930.

TO THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

I transmit herewith the Quarterly Report required of me covering the financial transactions of the University for the quarter ended June 30, 1930. The Report includes the following statements: Schedule A. Statement of the Reserve and Contingent Fund, or working balance

of general income, for the quarter.

Schedule A1. Statement of Budget Income for the year 1929-30.

Schedule B. Realization of Income for Operation. This statement shows the estimated income for all purposes other than for new buildings provided for by Special State Appropriations, for the current fiscal year, and the amount realized from each source to June 30. The amount shown as realized from State Appropriations is onehalf of the appropriation for the current biennium for operation, maintenance, and equipment. The amount realized from Student Fees is the net amount after allowing for all rebates. The amount realized from Sales is the total sales irrespective of whether collection has been made in cash.

Schedule C. Summary of Receipts and Disbursements. This statement shows the amount of cash receipts from all sources for the current fiscal year to June 30, deposited with the Treasurer of the University, also the amount appropriated to the University by the State for the current fiscal year. It shows also the disbursements from funds in the hands of the University Treasurer and from State Appropriations and the unexpended (not unencumbered) balance in each fund as at June 30. Schedule D is a summary of the appropriations made by the Board of Trustees

for the current fiscal year, the expenditures from these appropriations, the outstanding encumbrances in the form of orders and contracts, and the free balances on June 30. Included with appropriations under the heading "Total Credits" are reappropriations of balances from the previous year and sales credited to departments.

Schedule E shows operation of storerooms and service departments. Costs of materials and labor are first charged to these revolving accounts, and later are charged to appropriation accounts when the service has been completed, the revolving accounts being credited. Balances are represented by stock on hand or work in process, and have been verified by actual inventories during June, 1930. Schedule F is a summary of all trust endowments held by the University, and

Schedule G is a summary of the operations of all expendable trust funds.

Schedule H is a balance sheet showing all assets for which the Board of Trus-tees is responsible and all commitments and obligations of those assets.

Appendix I is a summary of the operations of the Residence Halls for the year.

Appendix II is a report of the Memorial Stadium Fund, of which the Board of Trustees is custodian.

The figures contained in this Report are cumulative for the fiscal year and, therefore, represent the financial operations of the University for the fiscal year ended June 30, 1930, and the financial condition of the University at that date. They will be presented in complete form in the Annual Report of the Comptroller to be published at a later date.

This report is subject to audit by the accounting firm employed by the Board for that purpose. The certificate of audit will be furnished as soon as the audit is complete.

Respectfully submitted,

LLOYD MOREY Comptroller

Schedule A			
STATEMENT OF RESERVE AND CO	ONTINGEN	T FUND	
FOR THE QUARTER ENDED	JUNE 30, 1	930	
Balance forward March 31, 1930		\$190 118 39	
Lapsed 1928-29 Balances (previously carried forward to cover encumbrances but not used) Lapsed 1929-30 Special Equipment Appropriations	\$ 233 63		
Ågriculture		•	4 0
Education	14 151 46	14 385 09	\$204 503 48
Deduct: Appropriations made by Board of Trustees April 9-10, 1930			
Patent Expenses (page 558) Death Benefits		1 500 00	
C. E. Chadsey (page 558) Mary L. Blackwell (page 558)	3 000 00	3 630 00	
Bacteriology Expense (page 578)		2 300 00	
June 3, 1930 Legal Counsel Expense (page 594) School of Music Expense (page 597)		100 00 200 00	
June 10, 1930 Land (Roselawn Cemetery) (page 607)		23 000 00	30 730 00
Unappropriated Balance before closing books June 30, 1930 Add:			173 773 48
Surplus of Actual Incomes over Estimates State Board for Vocational Education Student Fees McKinley Endowment	319 85 19 087 73 1 300 14		
Miscellaneous Sources.		47 925 38	
Surplus in Stores Inventories		5 665 73	
Lapsed Appropriation Balances		211 073 18	264 664 29
_			438 437 77
Less: Reserved for 1930-31 Special Appropriations (see Sch. H)		183 340 00	
Reserved for Petty Cash Funds (see Sch. H)		29 400 00	212 740 00
Unappropriated Balance of Income June 30, 1930 (to Sch. H)			\$225 697 77

SCHEDULE A1 STATEMENT OF BUDGET INCOME FOR THE YEAR ENDED JUNE 30, 1930

JUNE 30, 19	30	
Balances July 1, 1020 Reserve for Orders and Contracts Outstanding Balances Reappropriated or Carried Forward	\$679 2 111 7	34 92 76 68
Reserve for Petty Cash Funds Unappropriated Agricultural Income Unappropriated General Income (including General		24 12
Petty Cash Funds)	352 0	86 21 \$1 161 821 93
Income From State Appropriations For Operation		
Salaries and Wages\$3 514 980 58		
Travel		
Office Expense 150 000 00 Operation		
Repairs 160 000 00	767 000 00	
Improvements 130 000 00 \$4 For Buildings	/05 000 00	
Agricultural Buildings 55 515 56		
Chemistry Annex		
tories		
Woman's Gymnasium 19 562 42	194 723 73	
For Special Purposes		
Agricultural Experiment Sta- tion, Cook County	10 000 00 4 969 7	23 73
From United States Grants		
Land Grant of 1862 (Interest on Endowment) Morrill Act of 1890	32 450 66 25 000 00	
Nelson Act of 1907	25 000 00	
Hatch Act of 1881 Adams Act of 1906	15 000 00	
Smith-Lever Acts of 1914 and 1928	239 624 34 60 000 00	
Purnell Act of 1925 Capper-Ketchum Act of 1928	27 595 97	
Smith-Hughes Act of 1917		990 31 987 73
From Student Fees (Net) ¹ From Department Sales and Miscellaneous	6/9 6	167 73
Agriculture Others	255 245 59 140 019 75 395 2	265 34
From McKinley Endowment.		700 14
From Adjustment of Book Balances to Actual In- ventories of Storerooms		565 73
Total Income		6 712 432 98
Total Available Resources		7 874 254 91
Charges to Income Disbursements from Appropriations (See Sch. D)	7 100 1	47 68
Reserve for Orders and Contracts Outstanding (See		
Sch. D)	109 4	<u>154 07 7 209 601 75</u> 664 653 16
Deduct:		
Balances Subject to Reappropriation (See Sch. D) Reserve for 1930-31 Special Appropriations		554 I2 340 00
Reserve for Petty Cash Funds	30 0	600 00 413 494 12
Unappropriated Balance of Income June 30, 1030 (Sch. H)		
Unappropriated Agricultural Income		461 27
Unappropriated General Income	225 0	<u>597 77</u> <u>251 159 04</u>

¹After allowing for \$30,451.02 refunds.

Excess of Income

SCHEDULE B REALIZATION OF INCOME FOR OPERATIONS YEAR ENDED JUNE 30, 1930

Budget Estimate Realized to Date Closed to uted Income) From Mill Tax. \$1 984 980 58 \$1 984 980 58 \$1 984 980 58 From General Revenue 2 780 019 42 2 780 019 42 2 780 019 42 Total, State. (4 765 000 00) (4 765 000 00) Form U. S. Treasurer Smith-Lever Fund. 239 624 34 239 624 34 Capper-Ketcham Fund. 27 595 97 Hatch-Adams Funds. 30 000 00 30 0000 00 60 000 00 From State Treasurer 50 000 00 50 000 00 50 000 00 From State Board for Vocational Education 16 000 00 16 319 85 \$ 319 85 319 85 Student Fees 455 670 97) (455 990 82 1) (510 85) 530 85 Credited to Departments 13 325 81 13 325 81 13 325 81 13 323 81 13 323 85 81 13 323 85 81 13 Credited to General Income 120 680 00 127 217 66 27 217 66 27 217 66 27 217 66 Credited to Estimated Agricultural Sales 120 750 00 127 217 66 27 217 66 27 217 66 27 217 66 27 217 66 Credited to Estimated Income from Creamery Surplus 14 320	-			-				Over		
Estimate to Date ated Income) From Mill Tax ited Tincome) From Mill Tax ited Tincome) From General Revenue 2 780 019 42 780 019 42 780 019 42 Total, State (4 765 000 00) (4 765 000 00) Federal Funds 2 780 019 42 2780 019 42 Form U. S. Treasurer 230 624 34 230 624 34 Capper-Ketcham Fund 27 595 97 27 595 97 Hatch-Adams Funds 2 450 66 32 450 66 Morrill-Nelson Funds 50 000 00 50 000 00 Form State Board for Vocational Education (Smith-Hughes) 16 000 00 16 000 00 879 087 73 19 087 319 85 <		Bu	dvet		Reali	zed				
From Mill Tar. \$1 984 980 58 \$1 984 980 58 \$1 984 980 58 From General Revenue 2 780 019 42 2 780 019 42 2 780 019 42 Total, State. (4 765 000 00) (4 765 000 00) From U. S. Treasurer 239 624 34 239 624 34 Smith-Lever Fund. 239 624 34 239 624 34 Capper-Ketcham Funds. 20 000 00 60 000 00 Purnell Fund. 30 000 00 50 000 00 From State Treasurer 60 000 00 50 000 00 Interest on Endowment Fund. 32 450 66 32 450 66 Morrill-Nelson Funds. 50 000 00 50 000 00 From State Beard for Vocational Education 16 000 0 16 319 85 319 85 Student Fees 860 000 00 879 087 73 19 087 73 Sales 120 680 00 126 982 13 6 302 13 ³ Credited to Departments 120 680 00 126 982 13 6 302 13 ³ Credited to General Income 120 750 00 13 325 81 13 32 831.33 23 28 81.3 Credited to General Income 120 750 00 13 186 66 15 563 34 ⁴ Credited to General Income 100 000 00 14 320 00 <t< td=""><td>State Funds</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	State Funds									
From General Revenue 2 780 019 42 2 780 019 42 2 780 019 42 Total, State. (4 765 000 00) (4 765 000 00) Federal Funds (4 765 000 00) (4 765 000 00) From U. S. Treasurer 30 624 34 239 624 34 Capper-Ketcham Fund. 27 595 97 47 595 97 Hatch-Adams Funds. 30 000 00 30 000 00 Purnell Fund. 60 000 00 60 000 00 From State Treasurer 32 450 66 32 450 66 Morrill-Nelson Funds. 50 000 00 50 000 00 From State Board for Vocational Education 16 000 00 16 319 85 \$ 319 85 Student Fees 860 000 879 087 73 19 087 73 50 302 131 Soles Credited to Departments 120 680 00 126 982 13 6 302 13 ³ Other Departments 120 680 00 126 982 13 6 302 13 ³ Credited to General Income 120 750 00 13 136 61 16 503 34 ⁴ Credited to General Income 120 750 00 13 13 00 00 13 92 81 13 325 811. ⁴ Credited to General Income 14 320 00 14 320 00 14 320 00 Total, Sales, etc. 54		084	980	٢8	\$1 084	080	٢8			
Total, State	From General Revenue	780	010	42						
Federal Funds 239 624 34 239 624 34 Capper-Ketcham Fund. 27 595 97 27 595 97 Hatch-Adams Funds. 30 000 00 000 000 000 Purnell Fund. 32 450 66 32 450 66 Morrill-Nelson Funds. 32 450 66 32 450 66 Morrill-Nelson Funds. 32 450 66 32 450 66 Morrill-Nelson Funds. 50 000 00 50 000 00 From State Board for Vocational Education 16 000 16 319 85 319 85 Student Fees 850 970 987 73 19 877 73 19 877 313 325 8113 3325 8113 3325 8113 325 813 325 813 325 813 325 813 325 813	Total State	765	000	<u>60</u>)						
From U. S. Treasurer 239 624 34 239 624 34 Smith-Lever Fund. 27 595 97 37 595 97 Hatch-Adams Funds. 30 000 00 30 000 00 Purnell Fund. 50 000 00 50 000 00 From State Treasurer 32 450 66 32 450 66 Interest on Endowment Fund. 32 450 66 50 000 00 From State Board for Vocational Education 16 000 00 16 319 85 \$ 319 85 Student Fees 850 000 870 087 73 19 087 73 Sales Credited to Departments 120 680 00 126 982 13 6 302 13 ² Other Departments 120 680 00 126 982 13 6 302 13 ² 13 325 81 1.3 Credited to General Income 120 750 00 113 186 61 16 50 34 ⁴ 120 000 00 127 217 66 27 217 66 Credited to General Income 100 000 00 127 217 66 27 217 66 27 217 66 27 217 66 McKinley Endowment. 5 400 00 6 305 032 26) (30 282 26) 30 28 26) 30 28 26)		1-5		,	(4 /-5		,			
Capper-Ketcham Fund. 17 595 07 17 595 07 Hatch-Adams Funds. 30 000 00 30 000 00 Purnell Fund. 50 000 00 60 000 00 From State Treasurer 32 450 66 32 450 66 Morrill-Nelson Funds. 32 450 66 32 450 66 Morrill-Nelson Funds. 50 000 00 50 000 00 From State Board for Vocational Education 16 000 00 16 319 85 \$ 319 85 Sudent Fees 850 000 879 087 73 19 087 73 19 087 73 Sales Credited to Departments 120 680 00 126 982 13 6 302 13 ⁴ Other Departments 120 680 00 126 982 13 6 302 13 ⁴ Credited to General Income 120 750 00 13 325 81 13 325 81. ¹³ 325 81. ¹³ Credited to General Income 100 000 00 127 217 66 27 217 66 Credited to General Income 14 320 00 14 320 00 14 320 00 Total, Sales, etc. 5 400 00 6 700 14 1 300 14										
Capper-Ketcham Fund. 17 595 07 17 595 07 Hatch-Adams Funds. 30 000 00 30 000 00 Purnell Fund. 50 000 00 60 000 00 From State Treasurer 32 450 66 32 450 66 Morrill-Nelson Funds. 32 450 66 32 450 66 Morrill-Nelson Funds. 50 000 00 50 000 00 From State Board for Vocational Education 16 000 00 16 319 85 \$ 319 85 Sudent Fees 850 000 879 087 73 19 087 73 19 087 73 Sales Credited to Departments 120 680 00 126 982 13 6 302 13 ⁴ Other Departments 120 680 00 126 982 13 6 302 13 ⁴ Credited to General Income 120 750 00 13 325 81 13 325 81. ¹³ 325 81. ¹³ Credited to General Income 100 000 00 127 217 66 27 217 66 Credited to General Income 14 320 00 14 320 00 14 320 00 Total, Sales, etc. 5 400 00 6 700 14 1 300 14	Smith-Lever Fund	230	624	34	230	624	34			
Hatch-Adams Funds. 30 000 00 30 000 00 Purnell Fund. 60 000 00 60 000 00 From State Treasurer 32 450 66 32 450 66 Morrill-Nelson Funds. 50 000 00 50 000 00 From State Board for Vocational Education 16 000 00 16 319 85 \$ 319 85 Total, Federal. (455 670 97) 455 90 82 (319 85) Sudent Fees 860 000 00 879 087 73 19 087 73 Credited to Departments 120 680 00 126 982 13 6 302 13 ⁴ Credited to Estimated Agricultural Sales. 129 750 00 113 186 66 16 563 34 ⁴ Credited to General Income 129 750 00 13 22 260 (30 282 26) Total, Sales, etc. (36 750 00) 14 320 00 MacKinley Endowment. 5400 00 6700 14 1 300 14	Capper-Ketcham Fund									
Purnell Fund. 60 000 00 60 000 00 From State Tressurer 32 450 66 32 450 66 Morrill-Nelson Funds. 32 450 66 32 450 66 Morrill-Nelson Funds. 50 000 00 50 000 00 From State Board for Vocational Education 16 000 00 16 319 85 \$ 319 85 (Smith-Hughes). 16 000 00 16 310 85 \$ 319 85 Student Fees 860 000 00 879 087 73 19 087 73 Sales Credited to Departments 120 680 00 126 982 13 6 302 13 ³ Other Departments 129 750 00 13 325 81 13 325 81.3 22 81.3 Credited to General Income 100 000 00 127 217 66 27 217 66 Credited to General Income 14 320 00 14 320 00 Total, Sales, etc. 5 400 00 67 050 14 1 300 14	Hatch-Adams Funds									
Interest on Endowment Fund. 32 450 66 32 450 66 Morrill-Nelson Funds. 50 000 00 50 000 00 From State Board for Vocational Education 16 000 00 16 319 85 \$ 319 85 Student Fees 16 000 00 879 087 73 19 087 73 Sales 120 680 00 126 982 13 6 302 13 ³ Credited to Departments 120 680 00 126 982 13 6 302 13 ³ Credited to Estimated Agricultural Sales. 129 750 00 113 186 66 15 63 34 ⁴ Credited to General Income 100 000 00 127 217 66 27 217 66 Credited to General Income 14 320 00 14 320 00 14 320 00 McKinley Endowment. 5 400 00 6 700 14 1 300 14		60	000	00	60	000	00			
Morrill-Nelson Funds	From State Treasurer									
Morrill-Nelson Funds		32	450	66	32	450	66			
(Smith-Hughes)	Morrill-Nelson Funds	50	000	00						
Total, Federal	From State Board for Vocational Education	-			-					
Student Fees 860 000 00 879 087 73 19 087 73 Sales Credited to Departments 120 680 00 126 982 13 6 302 13 ⁴ Other Departments 13 325 81 13 325 81.3 13 325 81.3 325 81.3 Credited to Estimated Agricultural Sales 120 750 00 113 186 66 16 563 34 ⁴ Credited to General Income 100 000 00 127 217 66 27 217 66 Dus Total, Sales, etc. (394 750 00) 14 320 00 McKinley Endowment. 5 400 00 6 700 14 1 300 14	(Smith-Hughes)	16	000	00	16	319	85	\$	319	85
Student Fees 860 000 00 879 087 73 19 087 73 Sales Credited to Departments 120 680 00 126 982 13 6 302 13 ⁴ Other Departments 13 325 81 13 325 81 13 325 81.1.3 Credited to Estimated Agricultural Sales 129 750 00 113 186 66 16 563 34 ⁴ Credited to General Income 100 000 00 127 217 66 27 217 66 Dus 14 320 00 14 320 00 14 320 00 McKinley Endowment. 5 400 00 6 700 14 1 300 14	Total, Federal	(455	670	97)	(455	990	82)		(319	85)
Credited to Departments 120 680 00 126 982 13 6 302 13 ³ Other Departments 13 325 81 13 325 81 ^{1,3} Credited to Estimated Agricultural Sales 120 750 00 113 186 66 16 563 34 [*] Credited to General Income 100 000 00 127 217 66 27 217 66 Credited to Satimated Income from Creamery Surplus 14 320 00 14 320 00 McKinley Endowment. 5 400 00 6 700 14 1 300 14	Student Fees	860	000	òò	879	087	73		087	73
Agriculture. 120 680 00 126 982 13 6 302 13 ³ Other Departments. 13 325 81 13 325 81.3 Credited to Estimated Agricultural Sales. 129 750 00 13 186 61 16 563 34 ⁴ Credited to General Income 100 000 00 127 217 66 27 217 66 Credited to Estimated Income from Creamery Surplus. 14 320 00 14 320 00 Total, Sales, etc. 03 04 750 00) 395 33 26) (30 282 26) McKinley Endowment. 5 400 00 6 700 14 1 300 14										
Other Departments. 13 325 81 13 325 81.3 Credited to Estimated Agricultural Sales. 129 750 00 113 186 66 16 563 34* Credited to General Income 100 000 00 127 217 66 27 217 66 Credited to Estimated Income from Creamery Surplus. 14 320 00 14 320 00 Total, Sales, etc. (364 750 00) (395 032 26) (30 282 26) McKinley Endowment. 5 400 00 6 700 14 1 300 14										
Credited to Estimated Agricultural Sales 129 750 00 113 186 66 16 563 34* Credited to General Income 100 000 127 217 66 27 217 66 Credited to Estimated Income from Creamery Surplus		120	68o	00	126	982	13	6	302	131
Credited to General Income 100 000 00 127 217 66 27 217 66 Credited to Estimated Income from Creamery Surplus 14 320 00 14 320 00 14 320 00 Total, Sales, etc	Other Departments									
Credited to Estimated Income from Creamery Surplus. 14 320 00 14 320 00 Total, Sales, etc. (364 750 00) (395 032 26) McKinley Endowment. 5 400 00 6 700 14 1 300 14		129	750	00	113	186	66	16	563	34*
plus 14 320 00 14 320 00 14 320 00 14 320 00 14 320 00 14 320 00 14 320 00 14 12 00 14 12 00 14 12 00 14 12 00 14 13 14 14	Credited to General Income	100	000	00	127	217	66	27	217	66
Total, Sales, etc	Credited to Estimated Income from Creamery Sur-									
McKinley Endowment									-	
Grand Total\$6 450 820 97 \$6 501 810 95 \$50 989 98	McKinley Endowment	- 5	400	00	6	700	14	I	300	14
	Grand Total\$6	450	820	97	\$6 501	810	95	\$50	989	98

*Deduct—Unrealized balance. 1No budget estimate set up. *Credited direct to revolving accounts, not closed to Unappropriated Income.

SCHEDULE C

SUMMARY OF RECEIPTS AND DISBURSEMENTS

YEAR ENDED JUNE 30, 1930 D. n

		Ba	lanci	e	Receipts											
	J		I, J)	220			Sta								ce	
			and			App	ropri	ia-		Dis	burs	e-		Jı	une 3	0
			sime	nts		ts	ons			m	ents				1930	•
Funds in Possession of University	Tre	asur	er													
General Fund	\$ '	741	516	36	\$2	102	600	71	\$2	168	054	39	\$	676	062	68
Trust Fund		117	02 I	90		339	967	60		329	448	9 0		127	540	60
Total	(858	538	26)	(2	442	568	31)	(2	497	503	29)		(803	603	28)
State Appropriations		-														
For Operation																
Salaries and Wages					3	514	98 0	58	3	312	460	58		202	520	00
Office Expense						150	000	00		150	000	00				
Travel						35	019	42			019					
Operation						485	000	00		482	884	87			115	
Repairs						160	000	00		143	693	30		16	306	70
Equipment						290	000	00			000				-	-
Improvements						130	000	00		109	845	72		20	154	28
Total, Operation					(4	765	000	00)	(4	523	903	89)		(241	096	11)
For Buildings																
1927-29																
Library Building Addition			019								019					
Lincoln Hall Addition		270	637	12						270	637	12				
Materials Testing Labo-																
ratory		185	430	05						185	430	05				
1929-30																
Agricultural Buildings							515			55	515	56				
Chemistry Annex						62	925	8o		62	925	8o				
Medical and Dental Lab-							-									
oratories							976				976					
Power Plant Addition							743			15	743	o 8				
Woman's Gymnasium						19	562	42			562					
Total, Buildings	- (,	494	o 86	95)		(194	723	73)		(688	810	68)				
For Special Purposes																
Agricultural Experiment																
Station, Cook County																
1927-29			419	30							419					
1929-30							000				203				796	
Total, State	(494	506	25)	(4	969	723	73)	(5	222	337	07)	_	(241	892	91)
Grand Total	\$1	353	044	51	\$7	412	292	04	\$7	719	840	36	\$1	045	496	10
	-	_			_	· · ·	- ` -			<u> </u>						

	Total	Disburse-	keserved for Outstanding	Balance	Balance
	Credits		L'nchmdrances	Neap proprieted	rapsea
Administration and General	\$ 452 945 27	5 413 159 17	\$ 6 683 So	5 5 694 91	5 27 407 09
Library	245 648 37	243 264 21	409 52		1 974 64
Agriculture		1	,		•
University Appropriation	1 199 528 96	810	28 581 69	32 477 04	44 451 65 ¹
U. S. Extension.	291 631 83	ŝ	412 00	5 316 75	
Liberal Arts and Sciences.	I 175 395 86	863	4 988 95	409 23	47 134 42
Engineering	722 092 55	088	10 429 95	I 428 95	22 I44 84
Graduate School	88 254 50	298	7 210 06	4 420 21	8 325 35
Medicine. Dentistry, and Pharmacy,	836 231 98	522	9 856 93	I 264 I3	38 588 68
Iournalism	20 044 00	666	743 67		I 633 54
Law	04 204 22	943	375 87		2 975 20
Library School.	28 781 86	192	157 52		137 36
Military	22 620 43	975	374 82		1 269 99
Music	65 612 52	762	28 60		841 07
Education	185 818 28	918	3 201 21		7 628 57
Summer Session 1920.	37 926 92	926	•		
Summer Session 1010.	84 000 00	2 410 71	72 55	81 516 74	
Commerce	225 062 10	210 437 81	369 97	•	I4 254 32
Physical Welfare.	129 030 10	40	1 179 44		3 101 42
Physical Plant Operation and Maintenance	682 134 00	665 849 OI			16 284 99
Sub-total	6 599 093 84	6 153 520 62	75 166 25	132 527 96	237 879 OI
Land, Buildings, and Improvements	3" 00" "0J	600 000 AG			
Special State Building Appropriations		06 000 000	-0 -0	ya you ay	
Other Appropriations	350 007 92	250 030 /0	34 20/ 02	01 070 /0	*7 CIT
Grand Total.	\$7 647 150 12	\$7 100 147 68	\$109 454 07	\$199 554 I2	\$237 994 251

Includes \$21,994.81 lapsed to offset unrealized estimated agricultural income and \$4,926.26 lapsed to Unappropriated Agricultural Income. •Overdraft.

SCHEDULE E STATEMENT OF STORES AND REVOLVING ACCOUNTS AS AT JUNE 30, 1930

	Balance July 1, 1929	Disburse- ments	Creatis from Department Requisitions and Sales	Balance June 30, 1930
Storerooms Service Departments Revolving Accounts	8113 117 54 41 780 02 5 262 48*	\$ 351 963 76 1 681 755 59 14 271 30	\$ 347 217 99 1 708 728 99 14 788 01	\$117 863 31 14 806 62 5 779 19*
Total	\$149 835 08	\$2 047 990 65	\$2 070 734 99	\$126 890 74

*Credit Balance.

SCHEDULE F SUMMARY OF TRUST ENDOWMENT FUNDS AS AT JUNE 30, 1930 Sebarate

Total	Investments and Receivables	Invest-	Cash Balances
\$139 742 66 183 872 04	\$108 991 47 167 335 03	\$30 751 19	\$16 537 01
84 556 27 80 030 71	27 427 17 73 550 00	57 129 10 6 480 71	
488 201 68	377 303 67		16 537 01 16 292 35
\$488 201 68			
	\$139 742 66 183 872 04 84 556 27 80 030 71 488 201 68	Investments and Total Total and Cecirables \$139 742 66 \$108 991 47 183 872 04 167 84 556 27 27 427 80 030 71 73 550 00 488 201 68 377 303 67	Investments Group and Invest- Total Receivables \$139 742 66 \$108 991 47 \$30 751 19 183 872 04 167 84 556 27 27 427 80 030 71 73 550 6 480 71

SCHEDULE G SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS AS AT JUNE 30, 1930

Professorial and Lectureship Endowment In-	Total Disburse- Encum- Credits ments brances									Ĵ	Free Balan une 3 1930	с е 10,
come. Student Loan Endowments Income (subject to	8 ;	966	21	\$ 7	336	18				\$	630	03
annuity)		461	51		250	00					211	51
ments Income		650		3	803	42				2	846	72
Miscellaneous Endowments Income		i 90g	o 6		795		\$	102	50		007	
Building and Improvement Funds		973		I	325	66		10	00		638	04
Research Gifts		608			994		2	405	64	33	207	67
Scholarship, Fellowship, and Prize Gifts		: 851			121					5	730	66
Other Expendable Funds	- 49	564	05	14	637	68		15	90		910	
Deposit Funds	- 90	459	18	78	464	24	_	375	00	11	619	94
Grand Total	\$375	439	79	\$280	728	55	\$2	909	04	\$91	802	20

SCHEDULE H BALANCE SHEET AS AT JUNE 30, 1930

	ASSETS			
I.	General and Building Funds			
	Cash with University Treasurer (Sch. C)		\$676 062 6	3
	Petty Cash Funds Balance in State Appropriation (Sch. C)	••	30 600 0	2
	Balance in State Appropriation (Sch. C)			
	For Operation	\$241 096 11		
	For Special Purposes		241 892 9	L .
	Stores and Service Departments (Sch. E)		126 890 7	
	Loan to McKinley Hospital (Trust Fund)		JI 063 34	
	Accounts Receivable	· •	27 947 5	ł
	Due from State Board for Vocational Education (Smith-Hughes)		16 410 8	
		••	10 319 8	\$ \$1 130 777 06
п.	Trust Funds			_
	Cash with University Treasurer (Sch. C) Notes Receivable	••	127 540 60	
	Investments	••	165 985 0	;
	Securities	242 837 29		
	Land.		289 387 29	582 912 92
TTT	Endowment Fund			<u> </u>
111.	Endowment Fund (in possession of State Audit	or)		
	from Land Grant of 1862			649 012 91
IV.	Plant and Property			, ,.
	Plant and Property (July 1, 1929)			23 641 385 91
	Total Assets	••		\$26 004 08B BO
-	LIABILITIES AND	SURPLUS		
1.	General and Building Funds			
	Appropriation Balances (Sch. D) Reserved to cover Encumbrances	fran		
	Reappropriated		\$100 008 19	
	Reserve for Petty Cash Funds	199 334 12	30 600 00	
	Reserve for Stores		122 360 64	
	Reserve for Loan to Trust Fund		11 063 34	
	Residence Hall and Hospital Balances		223 245 85	
	Unappropriated Agricultural Income		25 461 27	
	Reserve for 1930-31			
	Special Appropriations		183 340 00	
	Unappropriated Income			
	(Reserve and Contingent Fund) (Sch. A)		225 697 77	\$1 130 777 06
п.	Reserve for Trust Funds			
	Due General Funds for Repayment of Loan			
			11 063 34	
	Expendable Funds (Sch. G)		94 711 24	
	Expendable Funds (Sch. G) Non-Expendable Funds	(99		
	Expendable Funds (Sch. G) Non-Expendable Funds (Sch. F)		94 711 24	582 012 04
117	Expendable Funds (Sch. G) Non-Expendable Funds (Sch. F) Less: Loan from General Funds (above)	488 201 68 11 063 34		582 912 91
	Expendable Funds (Sch. G) Non-Expendable Funds (Sch. F) Less: Loan from General Funds (above) Reserve for Endowment Fund		94 711 24	582 912 91 649 012 91
	Expendable Funds (Sch. G) Non-Expendable Funds (Sch. F) Less: Loan from General Funds (above) Reserve for Endowment Fund Bonds and Surplus		94 711 24 477 138 34	• • •
	Expendable Funds (Sch. G) Non-Expendable Funds (Sch. F) Less: Loan from General Funds (above) Reserve for Endoument Fund Bonds and Surplus Dental Property Bonds	11 063 34	94 711 24 477 138 34 49 400 00	649 012 91
	Expendable Funds (Sch. G) Non-Expendable Funds (Sch. F) Less: Loan from General Funds (above) Reserve for Endoument Fund Bonds and Surplus Dental Property Bonds Surplus Invested in Fixed Assets	11 063 34	94 711 24 477 138 34	649 012 91 23 641 385 91
	Expendable Funds (Sch. G) Non-Expendable Funds (Sch. F) Less: Loan from General Funds (above) Reserve for Endoument Fund Bonds and Surplus Dental Property Bonds	11 063 34	94 711 24 477 138 34 49 400 00	649 012 91

Appendix I RESIDENCE HALLS SUMMARY OF OPERATIONS YEAR, 1929-30

	Woman's Residence Halls	Daven port House	Total
Summer Session Surplus	\$ 2 017 11		\$ 2017 11
September 12 to October 15, 1929	6 413 64	\$ 758 19	7 171 83
October 15 to November 15, 1929	7 072 08	1 132 19	8 204 27
November 15 to December 15, 1929	5 457 31	851 64	6 308 95
December 15 to January 15, 1930	3 627 24	530 63	4 157 87
January 15 to February 15, 1930	6 385 30	1 048 88	7 434 18
February 15 to March 15, 1930	5 488 83	956 69	6 445 52
March 15 to April 15, 1930	6 238 88	837 95	7 076 83
April 15 to May 15, 1930	6 758 43	1 176 19	7 934 62
May 15 to June 15, 1930	4 121 28	477 30	4 598 58
Total Surplus from Operations for the year 1929-30	53 580 10	7 769 66	61 349 76
Add:			
Deposits Forfeited	710 00	60 00	770 00
	\$54 290 10	\$7 829 66	\$62 119 76
Deduct:	P34 - J	<i>,,,</i>	
Extraordinary Repairs, Equipment, Remodeling and			
August 15-September 15, 1929 Expense	\$ 6 156 98	\$ 5 392 85	\$ 11 549 83
Unused 1929-30 Surplus from Operations	48 133 12	2 436 81	50 569 93
Balance forward June 15, 1929	150 960 70	12 439 77	163 400 47
Surplus as at June 15, 1930	and the second s	\$14 876 58	\$213 970 40

APPENDIX II STATEMENT OF MEMORIAL STADIUM FUND AS AT JUNE 30, 1930 Receibls and Disbursements

	Prior to July 1, 1929	Year 1929-30	Total to Date
Receipts From Subscriptions From Donations	5 071 92		\$1 676 675 20 5 071 92
From Interest From Loans	27 109 06 32 500 00	243 94 3 500 00*	
Total Receipts	1 736 779 33	1 320 79	1 738 100 12
Office Collection Expense	1 735 635 78	6 77	6 77 ¹ 1 735 635 78
Total Disbursements	\$1 735 635 78	\$ 677	\$1 735 642 55
Cash Balance			\$ 2 457 57
Balance	Sheet		
A ssets Cash Due from Pledge Installments		\$ 2 457 57	
Past Due Installments Future Installments	\$480 346 19 3 239 00	483 585 19	
Due from Athletic Association for Office Expense		6 77	
Total Assets Liabilities and Surplus			\$486 049 53
Notes Payable			29 000 00
Excess of Assets (including Unpaid Pledges) over Liabilities			\$457 049 53

*Deduction due to repayment of loan. *To be refunded by Athletic Association.

This report was received for record.

REPORT OF THE TREASURER

(29) The Treasurer of the University submits the following report, as required by the By-Laws of the Board, of the securities in his possession as at June 30, 1930, and also a report of receipts and disbursements from July 1, 1929, to June 30, 1930. The Comptroller reports that this report has been examined by him and he certifies that it is in accordance with his records. The Treasurer's report will be subject to audit by the public accounting firm retained by the Board for regular audits of accounts of the University at the time of the next regular audit, which will be within the next sixty days.

July 14, 1930

The Board of Trustees of the University of Illinois, Urbana, Illinois GENTLEMEN:

In compliance with the by-laws of the Board of Trustees of the University of Illinois, Article 6, Section 4, pertaining to the duties of the Treasurer, I am submitting herewith a detailed report of the securities in my possession as at June 30, 1930, also a report of all receipts and disbursements from July 1, 1929, to June 30, 1930.

Respectfully yours, HAZEN S. CAPRON Treasurer

1930]

-	4						001		0.		001				15	u.y _	5
	Fund		Ira O. Baker Prize Fund	William Beaumont Mem. Fund Robert F. Carr Fellowship in	Chemistry Elec. Eng. Soc. Loan Fund	English Poetry Prize Fund										McKinley Endowment-Econom-	ics of Public Utilities McKinley Hosp. Endowment
0	Date Acquired	1923	1923	Dec. 8, 1925 June 27, 1921	Oct. 13, 1928	Sept. 9, 1925 April 24, 1929 Oct. 4, 1929	Aug. 29, 1928	Aug. 29, 1928	Aug. 29, 1928	June 10, 1930 Jan. 21, 1929		Jan. 15, 1929 July 28, 1928 July 28, 1928 Sept. 14, 1928	Aug. 2, 1928 July 30, 1928 July 30, 1928 Sept. 14, 1928		Aug. Aug. Aug.	Aug. 3, 1928 Aug. 3, 1928	Ja n. 24, 1917
UNE 30, 193	A mornzed Book Value	\$2 000 00	300 00 300 00	2 000 00 10 000 00	I 350 00	493 50 99 10 590 63	14 500 00	7 500 00	5 250 00	I 508 33 4 053 02		15 035 50	15 279 12	17 977 00 10 741 36	I 010 26	IO 357 12 90 03 (103 901 47)	15 000 00
AS AT J	Purchase Rate	Gift	Gift	GIR	Gift	98 50 99 10 98 43	00 00I	00 00I	100 00	100 00 101 50	888		5888 8888 8		101 103 103	103 75 10 4 00	Gift
NTS											M M M M M	en de la compañía de La compañía de la comp	NNNN NNNN	a M N N N	<u>754</u>	M ^E M	
INVESTME	Par Value	\$2 000 00	300 00	2 000 00 13 000 00	14 595 00	500 00 100 00 600 00	14 500 00	7 500 00	5 250 00	I 508 33 4 000 00	15 000 00	15 000 00	20 000 00	10 500 00	00 000 0I		25 000 00
TRUST FUND INVESTMENTS AS AT JUNE 30, 1930	t Maturity	Nov. 1, 1950	7.16 May 1, 1937	Jan. 1, 1976 March 1, 1945	June 15, 1947	March 1, 1963 June 15, 1947 Oct. 15, 1938 (Optional) (1933)	June 16, 1934	July 7, 1932	Sept. 30, 1931	Sept. 1, 1931 June 1, 1941	July 1, 1963	Jan. 1, 1933	Jan. 1, 1960	July 1, 1944	Oct. 1, 1939 March 1, 1963		Jan. 1, 1931
	Interest Rate	9	7 X	ນນ	4 X	244 772	7	7	7	50	4 ½	S	4	¥0	5 22		9
	I Special Investments-Endownent Fund	British Columbia Pulp and Paper Co., Ltd., First Mort. Sinking Fund Bonds	Vancouver Lumber Company, Limited, First Mortgage Gold Bonds	Chicago By-Products Coke Corporation, First and Refunding Bonds Argentine Republic Bonds	U.S.A. 1st Liberty Loan Converted Bonds	west renn rower foundary, rivat wor- gage Gold Bonds, Senes "E" U.S.A. ist Liberty Loan Converted Bonds U.S.A. Fourth Liberty Loan Bond	First Mortgage on 339 acres of land in Franklin County, Illinois	First Moligage on 200 actes of land in Franklin County, Illinois	Franklin County, Illinois		Mortgage Bonds	Detroit Edison Co., First Mortgage Bonds	Kan. City Term. R.R.Co., 1st Mort, Bonds	Swift & Co., 1st Mort. Sinking Fund Bonds Term. R.R. Ass'n., of St. Louis, 1st Mort.	Bonds	Savings Account, Trevett-Mattis Banking Company, Champaign, Illinois	Booth St. Louis Cold Storage Company, First Mortgage Bonds

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	Dobt I Des Medical Schol Fund	VODU D. INCO INCOULOU SCHOOL L.			Lorado Taft Lectureahin Fund	Thrift Com, Econom, Prize Fund		E. A. Wallace Mem. Schol. Fund								Group Investment		Received in exchange for Patent Number 1,458,964, "Process of Manufacture of Coke for Metal- urcical Uses." and for 16th and	title to such inventions as had been conceived by Messrs. Parr and Layng pertaining to the coking of coal
March 1, 1922 (May 9, 1922) (May 9, 1922)	-	June ro, 1930	June 10, 1930	June ro, 1930	June 10, 1930 June 10, 1930				99 IO April 24, 1929		Jan. 15, 1929	Jan. 27. 1020			Jan. 15, 1929 April 16, 1929	Jan. 17, 1929		Dec., 1925	
940 00 2 352 00	1 300 00	(4 592 00) 2 500 00	1 000 00	200 00	1 000 00	50 00	4 500 00	5 491 67 (9 991 67)	99 10		10 310 68	15 662 48	TT 128 AB	2 012 06	II 319 14 I 016 24	IS 435 84 (78 068 65)	242 837 29	None	Illinois. All o of Public Uti ois
94 00 98 00	100 00	Gift	Gift	Gift	Gift	100 001	100 00	100 00	01 06	92 125	103 725	105 00 104 75		101 25					rersity of conomics iy of Illin
1 ¹ M	13C									12 000 00 11M		Moi Ma	N ⁰	N	6M	5M 5			ie Univ 1t of E <i>nivers</i> i
4 700 00		8	8	500 00	8	50 00	8	67	100 00	8	8	8	8	8	88	15 000 00		8	by the
200		2 500	000	500	00 000 I	ß	4 500 00	5 491 67	õ	8	10 000 00	15 000 00	11 000 00	2 000 00	00 000 II	8		50 000 00	ned
4		a	-		-	1938	Ŧ	5,		1	ž	1	:	a				50	lies ou nley E g Con N, Tre
32		49	57	53	49	933-1	33	931	1947	65	939	043	938	33	March 1, 1939 July 1, 1944	March 1, 1946			Acki Acki Arkin
I, 19		1, IÇ	1, IÇ	1, 19	1, 19	15, I	1, 1	1, 1	15.	I, 19	ι, Ι	51 1	Ĩ.	I, 19	h 1.	ेन दिन			S. C. Ba
July 1, 1932		Aug.	May 1, 1957	ſeb.	une	Oct.	May 1, 1933	Sept. 1, 1931	June	Jan. 1, 1965	April 1, 1939	June 1, 1943	Nov. 1, 1938	Jan. 1, 1933	Marc	Marc			g of l datt zen
6]		5 ½ Aug. 1, 1949	5	5 ½ Feb. 1, 1953	5 ½ June 1, 1949	4 14 Oct. 15, 1933-1938	s L	5	4 1⁄4 June 15, 1947		v v	 	s S	<u>د</u>		240 240		9	those those HA
											÷ • •	ي.			ي. م	. :	ψ.		Trevt
College of Physicians and Surgeons, First Mortgage Gold Bonds	; ; ; ; ; ;	Central Maine Power Company, First and General Mortgage, Series Company	coodyear lire Company, ritst mortgage and Collateral Trust Bonds	Lactede Gas and Light Company, First Mortgage Collateral Refunding Bonds	Fuget Sound Fower and Light Co., First and Refunding Mort, Bonds, Series A	U.S.A. Fourth Liberty Loan Bond.	First Mortgage on so acres or land in Flatt	FIRE MORGAGE (FAIL) ON 60 ACTES OF MAIN IN Champaign County, Illinois	Group Investments-Endowment Funds U. S. Gov't First Liberty Bonds Converted	Atchison, Topeka, and Santa Fe Kalifoad Company, First Mortgage Bonds	First Mortgage Bonds	Commonwealth Edison Company, First Mortgage Bonds	Des Molnes Elec. Co., First Mort. Bonds	Detroit Edison Co., First Mort. Bonds.	Company. First Mortage Bonds	West Penn Power Co., 1st Mort. Bonds.	Grand Total Investments except Land and Student Notes	Other Insestments Urbana Coke Corporation, 500 shares pre- ferred Stock (Dividends cumulative from January 1, 1920)	I hereby certify that the above is a correct listing of the securities owned by the University of Illinois. All of these securities are in my possession except those of the McKiney Endowment of Economics of Public Util- ities which are held in escrow by the Trevett.Mattis Banking Company. Date: July 11, 1930

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STATEMENT OF RECEIPTS AND DISBURSEMENTS OF THE TREASURER OF THE UNIVERSITY OF ILLINOIS, YEAR ENDING JUNE 30, 1930

Balance June 30, 1929 Receipts	•••	-		\$1	027	712	22
July	\$225	151	08				
August	40	382	88				
September,		760					
October		054					
November.		481					
December		741					
January		518					
February		799					
March	64	377	31				
April		853					
May		500					
June	142	782	28	2	44 I	404	65
=				\$ 2	460	116	87
Disbursements (As per cancelled warrants returned to the Comp-				403	409	110	07
troller)							
July	d 4 2 4	106					
August.	203	272	00				
September		786					
October	210	540	00				
November,		168					
December		330					
January	129	938	03				
February	184	348	37				
March	273	526	22				
April	252	456	61				
May	215	285	31				
June		748		2	530	303	73
-		, + -		-	_		
Balance on Hand June 30, 1930				<u>P</u>	936	813	14
RECONCILIATION WITH THE UNIVERSI	τv	TP	\mathbf{F}	101	IDR	7 P	
	11	11	140	100		211	
AS AT JUNE 30, 1930							
Treasurer's Balance							
Add:							

Accorpts not acposited	31 049 79	
	\$970 662 93	
Deduct:	+77 73	
Deposits not entered by us	7 50	
Unpaid Warrants	7 50 167 052 15	
Business Office Balance		\$803 603 28
Consisting of:		
General Fund	676 062 68	
Trust Fund	127 540 60	\$803 603 28 ¹
		·

¹As per Quarterly Report of the Comptroller, June 30, 1930, Schedule C.

On motion of Mr. Armstrong, this report was referred to the Financial Committee for consideration and report at the next meeting of the Board.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(30) The following report from the Comptroller of contracts and purchase orders executed since the last report was submitted to the Board.

COMPTROLLER'S REPORT OF CONTRACTS

JUNE 1, 1930, TO JULY 17, 1930

Cooperative research agreement executed on special authorization of the Board of Trustees in meeting of June 3, 1930, recorded in minutes on page 598:

Name Armour & Company	Amount to be received by the University \$500 00	Date June 6, 1930	Purpose For cooperative investigation to determine the possible uses of blood albumen in spray ma- teriole
			terials.

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Miscellaneous contracts executed under general regulations:

Willocomencous contractes	oncoured under Ben	oran repaidere	
Name	Amount	Dale	Item
Western Fuel Company (Low Bidder)	\$6 per net ton to Aug. 1, 1930, and \$6.35 Aug. 1, 1930 to April 30, 1931	May 27, 1930	Purchase of approximately 1500 tons of Pocohontas mine run coal by the University for Chicago Departments.
Otis Elevator Company	\$39.50 per month	July 7, 1930	Inspection and maintenance of elevators in Library, Third Unit and Materials Testing Laboratory.
Lease executed under g	eneral regulations:		

Lease executed under general regulations:

LLOYD MOREY Comptroller

PURCHASE ORDERS ISSUED IN JUNE AMOUNTING TO \$1 000 OR MORE A homeoperiation

<i>Vendor</i> Ciark Thompson Lum- ber Company	<i>Item</i> Lumber	Amount \$1504 00	Department Physical Plant Stores	Appropriation Made in Budget For Physical Plant Operation	Procedure Competitive ¹	
Scott Paper Company	Paper Towels	2035 00	Physical Plant Stores	Physical Plant Operation	Quotation ¹	
Mallinckrodt Chemi- ical Works	Chemicals	2578 71	General Chemi- cal Stores	General Chemi- cal Stores	Competitive ^s	
E. H. Sargent and Company	Chemicals	2881 01	General Chemi- cal Stores	General Chemi- cal Stores	Competitive ²	
Electric Coal Company	Coal	1200 00	Physical Plant Stores	Coal Storage	Quotation	
Moser Paper Company	Paper	2900 00	Office Supply Store	Office Supply Store	Quotation [‡]	
King and Petry	Repairs to University Hall	1633 0 0	Physical Plant	Physical Plant Building Maintenance	Quotation ⁴	
¹ Authorized by Board of Trustees, June 3, 1930. ¹ Authorized by Board of Trustees, June 10, 1930 ¹ Authorized by Board of Trustees, June 10, 1930.						

Arranged by Supervising Architect.

H. M. EDWARDS Purchasing Agent

This report was received for record.

REPORT OF ACCIDENT COMPENSATION COMMITTEE

(31) The report of the Committee on Accident Compensation for employees for six months ending June 30, 1930.

This report was received for record.

INCOME FROM SUMMER SESSION ENTERTAINMENT

(32) The Director of the Summer Session reports that a recent performance of the "Tatterman Marionettes" resulted in a profit of \$105.00 to the University. The Comptroller suggests that this amount be credited to the Summer Session Budget, and I so recommend.

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

UNUSUALLY HAZARDOUS CHARACTER OF SUMMER WORK OF PROFESSOR M. J. PRUCHA AND MR. S. L. TUCKEY

(33) Professor M. J. Prucha and Mr. S. L. Tuckey of the Department of Dairy Husbandry wish to conduct certain investigations in thermophilic bacteria in pasteurized milk in some of the Chicago plants which have bacteriological laboratories that can be used in this work. These investigations are in line with the Department's regular program of research work in dairy bacteriology. There appears to be some hazard involved in this work. At one time Professor Prucha was injured in the explosion of a sterilizer while he was conducting similar investigations. For this reason the Head of the Department of Dairy Husbandry and the Dean of the College of Agriculture recommend that this work be recognized as unusually hazardous work, and that permission be given Professor Prucha and Mr. Tuckey to engage in it. The investigations will be conducted during the summer and will probably require about two weeks' time.

I recommend approval.

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

DONATION OF OBSOLETE RAILWAY ENGINEERING EQUIPMENT TO ROSENWALD MUSEUM

(34) The Museum of Science and Industry founded by Julius Rosenwald has asked the University to donate to the Museum any apparatus, equipment, or machines which have outlived their usefulness, but which may have a historic or museum value. The Director of the Museum has asked specifically if the University would not be willing to donate the old locomotive testing plant designed by Robert Quayle for the Chicago and Northwestern Railroad in 1895 and also the sectioned front end of a Richmond compound locomotive. Both of these pieces have outlived their usefulness from a scientific and instructional point of view and are at present deteriorating under the effects of the weather. The Head of the Department of Railway Engineering and the Assistant Dean of the College feel that these two pieces might well be donated to the Museum and so recommend.

I concur in their recommendation.

On motion of Mr. Trees, this donation was authorized.

REQUEST OF MISSOURI-KANSAS PIPE LINE COMPANY FOR RIGHT OF WAY

(35) A request from the Missouri-Kansas Pipe Line Company for permission to lay an 8-inch line north across the South Farm on a line about one thousand (1000) feet east of the First Street road extended, crossing University property from its southern limits to the city limits of Champaign. The Company submits a form of agreement which, if approved, would grant a perpetual easement or right of way for their use.

On motion of Mr. Armstrong, this matter was referred to the President of the University and the Legal Counsel for consideration and report.

ATHLETIC ASSOCIATION BUDGET

Mr. Trees presented for the Finance Committee a recommendation that the budget of the Athletic Association for the year beginning July 1, 1930, be approved.

On motion of Mr. Trees, this budget was approved.

BAKER PRIZE FUND INVESTMENTS

Mr. Trees presented for the Finance Committee a recommendation that the Treasurer be authorized to deposit \$300 of Vancouver Lumber Company Limited First Mortgage $7\frac{1}{2}$ per cent gold bonds with the Continental Illinois Bank and Trust Company for the use of the Bond Holders Protective Committee under the terms of the Bond Holders Protective Agreement dated June 12, 1930. These bonds are part of the securities given by Professor Ira O. Baker to endow the Baker prizes.

On motion of Dr. Noble, this recommendation was adopted.

MCKINLEY HOSPITAL FINANCES

Mr. Trees, for the Finance Committee, made a report of progress on the consideration of the method of financing the McKinley Hospital.

INVESTMENT OF WOMAN'S RESIDENCE HALL FUNDS

Mr. Trees, for the Finance Committee, presented a recommendation that the Woman's Residence Halls Fund be not invested at present (see Minutes, June 3, 1930, page 600). On motion of Mr. Trees, this recommendation was adopted.

BUSWELL PATENTS RELEASED

Mr. Fisher presented the following report.

At the meeting of the Board of Trustees on June 19, there was referred to the Committee on Patents the matter of releasing to A. M. Buswell the United States and Canadian rights in his patents on cellulose digestion.

The Committee has investigated this matter and, in view of the undeveloped state of the invention and the fact that Dr. Buswell made the invention while working for the State Water Survey division, the Committee recommends that the Board release to Professor Buswell and his associate in this project, C. S. Boruff, the rights which they have heretofore assigned to the University upon payment to the University of the items of expense shown on the University's books as having been expended in connection with these patents and the contract with F. N. Bard for the exploitation thereof.

J. W. Armstrong W. L. Noble WALTER T. FISHER, Chairman Committee on Patents

On motion of Dr. Noble, this recommendation was approved, and the proper University officers were authorized to execute the necessary documents.

URBANA COKE CORPORATION

Mr. Fisher presented the following report.

On April 9, 1930, the Board referred to a special committee on patents the matter of releasing the Urbana Coke Corporation from any claim on the invention known as the Parr-Layng Coking Process, based on the clause providing that the corporation shall spend \$50,000 in five years in developing the process.

The committee finds that the sum mentioned has been spent within the period and recommends that the Board grant the request of the Urbana Coke Corporation.

> J. W. Armstrong W. L. Noble WALTER T. FISHER, Chairman Committee on Patents

On motion of Dr. Noble, this recommendation was concurred in.

FOREIGN PATENTS ON BURKS INVENTION

Mr. Fisher presented the following report.

President Kinley requested the Committee on Patents to ascertain whether anything should be done with reference to taking out foreign patents upon the invention of Dana Burks, Jr., on a method of freezing a clear block of ice.

On the basis of the information now in the possession of the Committee the Committee believes that there is no reason for making application for foreign patents on this invention.

J. W. Armstrong W. L. Noble WALTER T. FISHER, Chairman Committee on Patents

On motion of Dr. Noble, this recommendation was adopted.

REPORT OF THE COMMITTEE ON PATENTS

Mr. Fisher presented the following report.

The Committee on Patents recommends that the Board make a declaration that the University waive any rights which it may have in any discovery which Dr. William H. Welker may have made in the refining and concentration of anti-toxin sera which will eliminate serum sickness reactions.

J. W. Armstrong W. L. NOBLE WALTER T. FISHER, Chairman Committee on Patents

On motion of Mr. Fisher, this recommendation was adopted.

FURNISHINGS FOR PRESIDENT'S HOUSE

President Barr made a statement concerning the purchase of certain furnishings for the new President's House.

On motion of Mrs. Evans, the President of the Board was authorized to appoint a committee of three members (of which he should be one) to cooperate with President and Mrs. Chase in the purchase of furnishings for the new house. President Barr appointed the following committee: Mrs. Evans, Mr. Trees, Mr. Barr.

On motion of Dr. Noble, an appropriation of \$5000, or so much thereof as may be necessary, from the Reserve and Contingent Fund, was made for the purchase of furnishings for the new President's House. The vote was as follows: Aye, President Barr, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Grigsby.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary of the Board presented for record a list of appointments by the President of the University.

Allison, Lowell Edward, Assistant in Soil Biology, in the Department of Agronomy, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation at the rate of one hun-

one year beginning September 1, 1930, at a cash compensation at the rate of one hun-dred sixteen dollars and sixty-six cents (\$116.66) a month. (July 15, 1930)⁴ Boyd, Mrs. Ella F., Director of Social Activities for the Summer Session at the Woman's Residence Hall, for two months beginning July 1, 1930, at a cash compensa-tion at the rate of sixty-five dollars (\$65) a month, with maintenance, including living quarters, board, and personal laundry, while on duty. (July 16, 1930) Bradley, William F., Assistant in Chemistry, on one-fourth time, for ten months beginning September 4, 2020, et a cash compensation act the rate of the true dollars

beginning September 1, 1930, at a cash compensation at the rate of thirty dollars

(\$30) a month. (July 9, 1930) Dalton, C. E., Laboratory Helper in the Chemistry Department, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred and twenty-five dollars (\$125) a month. (July 16, 1930)

Deere, Mabel, Editorial Assistant in the Agricultural Experiment Station, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred and twenty-five dollars (\$125) a month. (July 14, 1930) Derr, Paul H., Assistant in Physical Education, for ten months beginning Sep-

tember 1, 1930, at a cash compensation at the rate of one hundred and sixty dollars (\$160) a month. (July 10, 1930) Ganster, William Allaman, Assistant in Architecture, for ten months beginning

September 1, 1930, at a cash compensation at the rate of one hundred and seventy dollars (\$170) a month. (July 10, 1930) Gazan, Margaret M., Stenographer in the President's Office, for one year begin-

ning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 14, 1930)

Gilmore, Sylvia Coral, Assistant in the Order Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 22, 1930) Grimm, Thelma F., Assistant in Zoology, on one-half time, for ten months be-

Grimm, Thelma F., Assistant in Zoology, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month for the first semester, and seventy dollars (\$70) a month, for the second semester. (July 9, 1930)

Gulledge, James Ratliff, Assistant in the Loan Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred and fifty dollars (\$150) a month. (July 22, 1930)

Hargis, Delilah Blanche, Cataloger in the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 14, 1930)

Harman, Harry Jones, Assistant in Architecture, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and seventy dollars (\$170) a month. (July 10, 1930)

(\$170) a month. (July 10, 1930) Henderson, Glenna A., Extension Specialist in Foods and Nutrition, in the Department of Home Economics, in the Agricultural Extension Service, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred eighty-three dollars and thirty-three cents (\$183.33) a month. (July 15, 1930) Hershberger, Merl Franklin, Assistant in Soil Biology, in the College of Agricul-

Hershberger, Merl Franklin, Assistant in Soil Biology, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 8, 1930) Heubaum, Ulrich, Special Research Assistant in Chemistry, for one year

Heubaum, Ulrich, Special Research Assistant in Chemistry, for one year beginning July 1, 1930, at a cash compensation at the rate of two hundred and twenty-five dollars (\$225) a month. (July 8, 1930)

Holloway, J. H., Special Řesearch Assistant in Chemistry, on one-half time, for five months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 22, 1930)

Holmes, Stella A., Assistant in Botany, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (60) a month. (July 23, 1930)¹

Huston, Alfred Dwight, Assistant in English, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (July 8, 1930)

Jackson, Arnold O., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 9, 1930)

Johnson, Percy Evert, Assistant in Soil Experiment Fields, in the Agriculture Experiment Station, and in Soils Extension, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 8, 1930) Kaplan, Samuel, Assistant in Obstetrics and Gynecology, in the College of Medi-

Kaplan, Samuel, Assistant in Obstetrics and Gynecology, in the College of Medicine, beginning August 1, 1930, and continuing until September 1, 1931, without salary. (July 22, 1930)

salary. (July 22, 1930) Kettelkamp, Gilbert C., Assistant in German, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 22, 1930)

Lehman, M. R., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 22, 1930)

Noggle, Wave Lynn, Assistant in the Order Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commis-

¹Appointment made by President Kinley in May, subject to receipt of evidence that candidate received degree in June. Report on degree received July 23, 1930.

sion, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 22, 1930)

Penrod, Blanche, Editorial Assistant in the Agricultural Experiment Station, for one year beginning September 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (July 14, 1930)

dred sixty-six dollars and sixty-six cents (\$166.66) a month. (July 14, 1930) Potter, Kenneth Alvin, Assistant in Soil Experiment Fields, in the Agricultural Experiment Station, for eleven months beginning October 1, 1930, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (July 8, 1930)

Potthoff, Edward F., Associate in Education, for one year beginning September 1, 1930, at a cash compensation at the rate of two hundred and seventy dollars (\$270) a month. (July 15, 1930)

a month. (July 15, 1930) Presta, Peter S., Scholar in Romance Languages for ten months beginning September 1, 1930, at a stipendium of three hundred dollars (\$300). (July 9, 1930)

Richman, Samuel Herbert, Roentgen Operator and Assistant in Radiology, in the College of Medicine, for one year beginning September 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month. (July 14, 1930)

Roche, Alphonse V., to give instruction in Romance Languages, on one-half time, in the Summer Session of 1930, beginning July 14 and ending August 9, 1930, at a cash compensation of sixty-six dollars and sixty-six cents (\$66.66) for the session. (July 24, 1930)

Rothenburger, Ruth Mae, Assistant in the Loan Department of the Library, for one year beginning September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred eight dollars and thirtythree cents (\$108.33) a month. (July 16, 1930)

Schreiber, William I., Assistant in German, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 15, 1930)

Smith, Robert Karl, Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, beginning September 1, 1930, and continuing until June 30, 1932, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 8, 1930)

Sohl, William E., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (July 9, 1930)

Stouffer, Ernest Lawrence, University Superintendent of Building Construction, in the Office of the Supervising Architect, for one year beginning September 1, 1930, at a cash compensation at the rate of three hundred and fifty dollars (\$350) a month. (July 22, 1930)

Symons, G. E., Assistant in Chemistry, on three-fourths time, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and fifteen dollars (\$115) a month. (July 16, 1930) Tarvin, Donald, Assistant in Chemistry, on one-fourth time, for ten months be-

Tarvin, Donald, Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1930, at a cash compensation at the rate of thirty-five dollars $(\$_{35})$ a month. (July 16, 1930)

Toth, Edmund Francis, Assistant in Architecture, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and ninety dollars (\$190) a month. (July 9, 1930)

Turnell, Elizabeth Jane, Assistant in English, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (July 8, 1930) Voigt, Rudolf G., Assistant in German, on one-half time, for ten months begin-

Voigt, Rudolf G., Assistant in German, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (July 15, 1930) Wiley, T. Tarson, Scholar in Civil Engineering for ten months beginning Sep-

Wiley, T. Tarson, Scholar in Civil Engineering for ten months beginning September 1, 1930, at a stipendium of three hundred dollars (\$300). (July 9, 1930)

The Board adjourned.

H. E. CUNNINGHAM Secretary

GEORGE A. BARR President