

The University of Minnesota
BOARD OF REGENTS
AGRICULTURAL COMMITTEE
MINUTES

September 21, 1923.

A meeting of the Agricultural Committee was held in the President's office on Friday, September 21, 1923, at nine o'clock.

Present: Regent M. M. Williams, chairman; Regents Coffman, McConnell, Snyder, and Sundberg.

Voted to accept the following resignations:

A. K. Anderson, Instructor in Agricultural Biochemistry, effective at beginning of academic year 1923-24.

Lucy Cordiner, Assistant Professor in Agricultural Extension, effective September 1, 1923.

Ruth Dahlin, Clerk, Registrar and Librarian at the Northwest School and Station, effective October 4, 1923.

Ruetta Townsley Day, Instructor in Home Economics, effective September 26, 1923.

Leland L. DeFlon, Assistant in Forestry, effective September 1, 1923.

Girard Dikman, Assistant Parasitologist, effective June 15, 1923.

Selma Swanson Einck, Multigraph Operator in Agricultural Extension, effective August 1, 1923.

Robert D. Evans, Instructor in Agricultural Biochemistry, effective at beginning of academic year 1923-24.

Florence Fallgatter, Instructor in Home Economics, effective September 17, 1923.

Lena Holm, Clerk in Agricultural Extension, effective August 1, 1923.

Earl Jertsen, Assistant in Agricultural Biochemistry, effective at time of appointment, July 17, 1923.

Ruth M. Lindquist, Instructor in Home Economics, effective September 15, 1923.

Gwendolyn Medlam, Clerk in Agronomy and Farm Management, effective September 1, 1923.

Mildred Nemeck, Instructor in Home Economics, effective June 20, 1923.

Charles F. Rogers, Assistant in Agricultural Biochemistry, effective at beginning of academic year 1923-24.

Donna Rosen, Clerk in Plant Pathology and Botany, effective September 10, 1923.

Katherine Sherman, Clerk in Agricultural Extension, effective July 17, 1923.

W. T. Tapley, Assistant Professor in Horticulture, effective October 1, 1923.

Wilbert L. Witte, Instructor in School of Agriculture, effective July 22, 1923.

Oscar F. Cutkosky, Instructor in School of Agriculture, effective October 1, 1923.

Jasper Swedberg, Supervisor of Summer Projects with rank of Instructor, effective September 21, 1923.

Voted to approve the following appointments:

Victor Christgau as Supervisor of Summer Projects in School of Agriculture, from July 23 to September 30, 1923, at \$150 per month, Class C.

John Oscar Christianson, Instructor in School of Agriculture from October 1, 1923, to March 31, 1924, at \$200 per month, Class C.

Ralph Ward Dawson as Instructor in Entomology from October 1, 1923, to March 31, 1924, at \$900, Class C.

Fern Osbeck as Instructor in Home Economics for the year 1923-24, at \$1,900, Class B.

Elizabeth Rivers as Instructor in Home Economics for the year 1923-24, at \$1,900, Class B.

Alex B. Rolfe as Instructor in West Central School and Station from October 1, 1923, to March 31, 1924, at \$150 per month, Class C.

William Martin Sandstrom as Instructor in Agricultural Biochemistry for the year 1923-24, at \$1,800, Class B.

Louise Soby as Instructor in Home Economics for the year 1923-24, at \$1,800, Class B.

Margaret Louise Stoddard as Instructor in Home Economics for the year 1923-24, at \$1,800, Class B.

Anna Thiel as School Nurse and Instructor at the Northwest School and Station, from October 1, 1923, to March 31, 1924, at \$720, Class C.

The following as lecturers in the short course for Veterinarians July 18 and 19, 1923:

H. E. Bemis at \$35.

W. S. Corsa at \$60

Wayne Dinsmore at \$40

John Patterson at \$50

L. Van Es at \$30

Andrew Cairns as Fleischmann Fellow in Biochemistry from September 16, 1923, to June 30, 1924, at \$66.66 per month.

Selmer Dahl as Assistant in Agricultural Biochemistry for the year 1923-24 at \$600, Class BH50.

James Bishop Harrington as Assistant in Plant Breeding in

Agronomy and Farm Management from July 1 to September 30, 1923, at \$500 for the period, Class C.

Houston Letcher as Assistant in Agricultural Biochemistry for the year 1923-24, at \$600, Class BH50.

Milton M. Miller as Assistant in Agricultural Biochemistry for the year 1923-24, at \$600, Class BH50.

H. C. Moore as Assistant in Dairy Husbandry beginning September 1, 1923, at the rate of \$900 per year, Class AH50.

Cornelius Becker Philip as Assistant in Parasitology for the year 1923-24, at \$900, Class BH50.

Carl C. Zimmerman as Assistant in Agricultural Economics for the year 1923-24, at \$500, Class BH50.

Florence Armstrong as Clerk in Agricultural Extension, beginning July 18, 1923, at the rate of \$900, Class A, C6.

Marion Canfield as Multigraph Operator in Agricultural Extension, beginning August 6, 1923, at \$80 per month, Class A.

Marie Hoffman as Clerk in Plant Pathology and Botany from September 10 to September 30, 1923, at the rate of \$900 per year, Class AX, C6.

John A. Stillwell as Foreman at Cloquet beginning November 1, 1923, at the rate of \$1,080, Class A.

Sidney F. Clark as Instructor in School of Agriculture from October 1, 1923, to March 31, 1924, at \$150 per month, Class C.

Arletta Ness as Assistant in Music, West Central School and Station from October 1, 1923, to March 31, 1924, at \$70 per month, Class C.

Voted to approve the following salary adjustments:

J. Roy Haag, Instructor in Agricultural Biochemistry, from \$1,000, Class BH50, to \$1,600, Class BH80, for the year 1923-24.

Ralph M. Nelson, Instructor in Plant Pathology and Botany at \$1,000, Class AH50, to Mycologist with the rank of Instructor at \$2,000, Class AX, beginning September 1, 1923.

Walter B. Sinclair, Assistant in Agricultural Biochemistry, from \$600 to \$750, Class BH50, for the year 1923-24.

Voted to approve the following leaves of absence:

Myrtle Erickson, Bookroom Clerk in Students' Bookstore, continuation of leave to September 21, 1923, without pay, on account of illness.

Voted to approve the following trips outside of the State:

P. A. Anderson to Madison, Pewaukee and Albany, Wisconsin; Lafayette, Indiana; Buffalo, New York; and London, Ontario, August 4 to 18, 1923, to inspect flocks and purchase sheep needed for classroom use and in breeding flocks, expense not to exceed \$150 to be charged to Budget 230.

T. A. Erickson to Sioux City, Iowa, September 17 to 22, 1923, to chaperon boys' and girls' club teams to Interstate Fair and to confer with National Club leaders, expense not to exceed \$35 to be charged to Budget 205.

H. Bruce Price to Fargo, North Dakota, September 4 to 8, 1923, to secure data for research project on Business Practice of County Grain Elevators from auditing companies in Fargo, expense not to exceed \$30 to be charged to Budget 220.

Otto G. Schaefer to Waterloo, Iowa, September 22 to 29, 1923, to attend Dairy Cattle Congress to act as coach for Student Judging Team representing University of Minnesota, expense not to exceed \$50 to be charged to Budget 234.

C. G. Selvig, R. S. Dunham, and T. M. McCall to Winnipeg, Canada, to attend a Field and Horticultural Crop and Sow Thistle Control Conference September 17 to 24, 1923, expense not to exceed \$53 to be charged to Budget 800.

E. F. Ferrin to Valley Junction, Iowa, September 25 and 26, 1923, to attend auction sale of hogs, expense not to exceed \$50 to be charged to Budget 230.

Voted to approve the payment of \$25 each to Alice M. Child, Vetta Goldstein, and Marion Weller, for services rendered at the West Central School and Station during Women's Week.

Voted to approve a co-operative agreement between the University of Minnesota and the Forester of the United States Department of Agriculture, Forest Service, as follows, and to authorize the proper officers of the Board to execute the same:

CO-OPERATIVE AGREEMENT
BETWEEN
THE UNIVERSITY OF MINNESOTA AND THE FORESTER OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, FOREST SERVICE

THIS AGREEMENT, this 21st day of September, 1923, by and between the Board of Regents of the University of Minnesota, a corporation organized and existing under the laws of the State of Minnesota, party of the first part; and the Forester of the United States Department of Agriculture, Forest Service, party of the second part, witnesseth:

WHEREAS, it is proposed that the parties hereto shall cooperate in the maintenance of a forest experiment station, to be known as the "Lake States Forest Experiment Station," for the purpose of investigating various problems bearing on the growth,

management, and protection of forests and forest lands in the Lake States; also in the maintenance of the Cloquet Forest Experiment Station for the purpose of investigating various problems bearing on the growth, management, and protection of forests and forest lands in the State of Minnesota;

NOW, THEREFORE, in consideration of the premises and of the mutual advantages hereinafter provided for and of the respective services to be rendered and expenses to be borne in connection therewith, the parties hereto do mutually agree as follows:

That the party of the first part shall:

1. Provide, without cost to the Forest Service and place wholly at the disposal of the Forest Service, adequate and suitable office and laboratory space for quartering the employees of the United States Department of Agriculture assigned to said station, the amount and location of such space to be definitely agreed upon as occasion demands by the parties hereto;

2. Keep the said office and laboratory quarters in good repair and pay for any improvement of a permanent character that may be mutually agreed upon;

3. Furnish without cost to the Forest Service, heat, light, water, gas, power, and janitor service required for the satisfactory operation of the Station;

4. Make the Cloquet Forest Experiment Station available for experimental and demonstrational use by the Lake States Forest Experiment Station under conditions mutually agreed upon as hereinafter provided, and whenever practicable, assist in the establishment and maintenance of investigations and demonstrations thereon that are undertaken by the Lake States Forest Experiment Station. Also furnish a suitable site on the Cloquet Forest Station area for use as a forest nursery if needed.

The party of the second part shall:

1. Supply technical and office equipment and supplies, except such as it may be convenient for the party of the first part to furnish;

2. Be responsible for securing all material used for experimental purposes;

3. Present from time to time such lectures and instruction on forestry as the party of the first part may request, provided such lectures will not interfere unduly with the work of the Station.

It is mutually agreed:

1. That the Lake States Forest Experiment Station's laboratory apparatus may be used by students and the University faculty for investigative work of an advanced character, provided that such use of the apparatus does not interfere with the routine work of the Lake States Forest Experiment Station;

2. That all policies and plans of each party to this agreement, in so far as these policies and plans do not interfere with the policies and plans of the other party, will be exclusively under

the control of such party except that the investigations, demonstrations and direction of the Cloquet Forest Experiment Station shall be in accordance with the following section of the agreement. The party of the first part shall be represented on a committee which will advise the Forester on matters of policy and the character of the work as a whole carried on by the Lake States Forest Experiment Station. So far as practicable, both parties will work in close co-operation in planning and executing investigations independently undertaken involving actual or possible use of land for forest growth;

3. That the Forest Service will select, with the concurrence of the University of Minnesota, a man who shall function both as Director of the Lake States Forest Experiment Station of the Federal Government and the Cloquet Forest Experiment Station of the University of Minnesota. The Director so chosen will be definitely placed in charge of all forest research conducted by the Federal Government and of all forest research conducted by the University at the Cloquet Forest Experiment Station, which is included in the program of forest investigations mutually approved by the University and the Forest Service. All investigation and demonstration projects conducted by either the regular State or Federal investigative staff at the Cloquet Forest Experiment Station shall be mutually agreed upon by both parties annually in advance. This does not apply to other work which students and members of the University may desire to do at Cloquet from time to time which is not a part of the investigative program for the Stations, but it is agreed by the University that no work will be carried on at Cloquet outside the program which would interfere unduly with the program projects;

4. That all members of the Lake States Forest Experiment Station organization, while on the property of the University, will be subject to the same regulations that apply to the members of the faculty, in so far as such regulations are not in conflict with those of the United States Department of Agriculture;

5. (a) That each party to this agreement shall have the sole right to the first publication of results of investigations, experiments, demonstrations, and research under its exclusive control, provided that exception to this may be permitted upon the consent of both parties concerned.

(b) That the first publication of the results of co-operative experiments, research, investigations, and demonstrations shall be arranged in each instance by mutual consent of both parties;

6. That all equipment, materials, office furniture, and supplies, provided at any time by either of the parties hereto, shall remain the property of and be subject to disposal by the respective parties furnishing the same.

This agreement shall continue in force until cancelled by mutual consent, or until the expiration of one year from the date when notice of desire to cancel the agreement shall have been given by either party to the other.

IN WITNESS WHEREOF, the parties hereto have executed this agreement the day and year first above written.

THE BOARD OF REGENTS OF
THE UNIVERSITY OF MINNESOTA

By _____
President.

ATTEST:

Secretary.

FORESTER OF THE UNITED STATES
DEPARTMENT OF AGRICULTURE,
FOREST SERVICE.

Voted to approve the establishment of the same rates for board and room at the Central School of Agriculture that exist at the West Central School of Agriculture and the Northwest School of Agriculture, namely, \$4 a week for board and \$16 per term for room.

Voted that the salary of the manager and the assistant manager of the Agricultural Dining Hall be charged against the Division of Home Economics and that no part of the salary of any member of the staff of the Division of Home Economics be charged against the budget of the Agricultural Dining Hall.

Voted to abolish the Agricultural Engineering group established by the Board of Regents on January 24, 1919.

Voted that the Animal Industry group of the Department of Agriculture be abolished and that the head of the Animal Husbandry Division approve all purchases of beef cattle, horses, sheep, and swine; that the head of the Dairy Division approve all purchases of dairy cattle, and that the head of the Veterinary Division approve all action relative to disease control in the herds and flocks of the Department of Agriculture.

The recommendation of the Minnesota State Poultry Breeders' Association was reported to the Board by the President, considered and placed on file.

Voted to recommend the acceptance of bids for the construction of the Hospital building and the alterations and addition to the Administration building at the West Central School of Agriculture, the total cost including the architect's and engineer's fees not to exceed \$43,471.

Voted that the allotment for the Home Economics building at Morris for 1924-25 be reduced from \$16,000 to \$13,000, the \$3,000 to be added for the year 1923-24 to the allotment for the new Hospital and the remodeling of the Administration building, and \$1,600 to be added to this allotment from Reserve and \$871 from Budget 810.

Voted to accept an additional scholarship of \$100 for the Minneapolis Journal Dairy Calf Club scholarships by adding the Brown Swiss breed to the four breeds of cattle enumerated in the action of the Board of Regents on February 6, 1923.

Voted to approve the contract between the University of Minnesota and Toney Tronson, Anoka County, regarding the experimental peat field, and the agreements between the University of Minnesota and Mrs. Carrie Swanson, and A. G. Anderson regarding the use of drainage ditches adjoining the peat experimental field in Anoka County, and to authorize the proper officers of the Board to execute these agreements.

Voted to adjourn.

A. J. LOBB, Secretary

The University of Minnesota**BOARD OF REGENTS****MINUTES**

September 21, 1923

A meeting of the Board of Regents was held in the President's office on Friday, September 21, 1923, at ten o'clock.

Present: Regent Snyder, presiding; Regents Butler, Coffman, McConnell, Mayo, Partridge, Preus, Sundberg, and Williams, M. M.

Voted to approve the minutes of the Agricultural Committee of July 17, 1923, and the minutes of the Board of Regents of July 17, 1923.

Voted to approve the report of the Agricultural Committee of September 21, 1923.

Voted to approve the following budget amendments:

- Item X-5, Section VI, to read \$1,620.
- Item L-15, Section VI, from EH to C classification.
- Item D-7, Section VII, from AH50 to BH50 classification.
- Item M-19, Section VII, footnote to read July 1 to September 15 at \$750 rate; September 16 to July 1, 1924, at \$1,000 rate.
- Item T-14, Section IV, to read Student Help, Class CH \$600.

Voted to approve the following budget corrections:

- Item A-4, Section IV, to read Assistant Professor.
- Item A-5, Section IV, to read Associate Professor.
- Item 8, Section IX, to read \$2,700.

Voted to approve the following correction of minutes:

- May 23, 1923, appointment to read Frederick J. Kelly.

Voted to approve the following amendments of minutes:

June 19, 1923, omit Leslie Miller, Jessie Ravitch, and Ruth Gullette from list of reappointments in Science, Literature, and the Arts.

June 19, 1923, omit name of Mabel Willson from list of reappointments of Assistants in Agriculture.

June 19, 1923, appointments on Geological Survey to terminate September 15, 1923.

June 19, 1923, appointment of Lawrence Richdori to read: At the rate of \$700 from July 1 to August 31 plus maintenance at the University Hospital, and at the rate of \$1,000 per year from September 1 to June 30, 1924.

July 17, 1923, appointment of H. W. Rogers to read: At \$3,500 for the period.

Voted to accept the following resignations:

Pauline Alford, Assistant in Botany, effective September 12, 1923.

E. C. Bailey, Admitting Officer, University Hospital, effective September 15, 1923.

Adolph C. Bakken, Assistant in Chemistry, effective at time of reappointment.

Lewis M. Becker, Instructor in Mathematics and Mechanics, effective August 3, 1923.

Norma Bell, Service Woman in Physiology, effective August 1, 1923.

Olaf Bergren, Technician in Pathology, effective September 1, 1923.

George N. Bestrom, Stock Clerk in Chemistry, effective September 16, 1923.

Raymond N. Bieter, Teaching Fellow in Pharmacology, effective October 1, 1923.

David R. Briggs, Assistant in Chemistry, effective at time of appointment.

Rhoda K. Carroll, Surgical Nurse in University Hospital, effective August 1, 1923.

Alexander Cowie, Instructor in English, effective July 17, 1923.

Beatrice Egan, Assistant to the Statistician in the Registrar's Office, effective September 6, 1923.

Florence K. Fargo, Engineering Clerk in Mines Experiment Station, effective September 8, 1923.

John R. Gill, Instructor in Dentistry, effective August 1, 1923.

Jean C. Gregory, Assistant Law Librarian, effective September 16, 1923.

Nell C. Halloran, Loan Desk Assistant in Library, effective September 16, 1923.

Louis S. Heilig, Instructor in School of Mines, effective July 12, 1923.

Lucile K. Heisig, Assistant in Chemistry, effective at time of reappointment.

Harold Holte, Teaching Fellow in Physics, effective August 3, 1923.

C. H. B. Hotchkiss, Instructor in Mechanical Engineering, effective August 3, 1923.

Edith E. Huntington, Secretary to Summer Session Director, effective September 29, 1923.

Raymond Johnson, Instructor in University Hospital, effective July 1, 1923.

Vivian Lienhard, Assistant in Serials, Library, effective September 16, 1923.

Clare Lucey, Service Woman in Physiology, effective September 16, 1923.

Louise McKown, Technician in Medicine, effective September 1, 1923.

Axel T. Nelson, Clerk in the Comptroller's Office, effective August 22, 1923.

Joseph W. Nilson, Instructor in Mechanical Engineering, effective July 26, 1923.

Forrest H. Orton, Professor in Dentistry, effective August 1, 1923.

Arthur P. Peterson, Instructor in Drawing and Descriptive Geometry, effective August 14, 1923.

Clayton M. Reasoner, Instructor in School of Mines, effective at beginning of academic year 1923-24.

Paul W. Rhame, Instructor in Mechanical Engineering, effective August 14, 1923.

Lora J. Richardson, Stenographer in Registrar's Office, effective August 16, 1923.

Fred S. Richardson, Resident Physician, University Hospital, effective August 1, 1923.

Julia Rindahl, Stenographer in Pediatrics, effective August 10, 1923.

Henry O. Ruud, Teaching Fellow in Ophthalmology and Otolaryngology, effective August 16, 1923.

Emma Stephenson, Assistant Reference Librarian, effective September 16, 1923.

Edward J. Sturdevant, Technician in Surgery, effective September 1, 1923.

Jennie Swanson, Stenographer in Registrar's Office, effective September 1, 1923.

Mathilda Swenson, Assistant Night Supervisor in University Hospital, effective September 8, 1923.

Harry G. Townsend, Stock Clerk in Chemistry, effective September 11, 1923.

Park L. Turrill, Assistant in Chemistry, effective beginning of academic year 1923-24.

Charles J. Vogel, Clerk in Employment Office, effective September 1, 1923.

Mae Wenkstern, Stenographer in Law School, effective September 16, 1923.

Carol Young Alwin, Assistant in Animal Biology, effective September 15, 1923.

Gyda Awes, Professional Nurse in Dentistry, effective September 1, 1923.

Harry S. Cannon, Instructor in German, effective September 16, 1923.

Georgiana Droitcour, Instructor in History, effective September 16, 1923.

Irene R. English, Assistant Professor in School of Nursing, effective September 1, 1923.

Max E. Ernst, Professor in Dentistry, effective September 16, 1923.

Bryan A. Gilkinson, Instructor in English, effective September 10, 1923.

Ora I. Hickey, Clerk in University High School, effective September 16, 1923.

Margaret E. Jones, Assistant in Nursing, effective September 1, 1923.

Allen T. Newman, Assistant Professor in Dentistry, effective October 1, 1923.

Harrie M. Solomon, Assistant in School of Nursing, effective July 1, 1923.

Merrill G. Swenson, Instructor in Dentistry, effective September 16, 1923.

Voted to approve the following reappointments:

Moses Barron as Assistant Professor in the Medical School without salary; and a change in rank from Lecturer to Assistant Professor in Physical Education for Women without change in salary, for the year 1923-24.

Henrietta M. Larson as Teaching Fellow in History for the year 1923-24, at \$600, Class EH40.

Louise A. Nixon as Teaching Fellow in History for the year 1923-24 at \$600, Class EH40.

Benjamin Junior Clawson as Assistant Professor of Pathology from September 1, 1923, to June 30, 1926, at \$4,000 per year, Class A.

Voted to approve the following appointments:

Alvin S. Cutler as Professor of Civil Engineering to give instruction in Summer Camp from August 9 to September 20, 1923, at \$500 for the period, Class C.

Darrel F. Davis as Associate Professor in the School of Business in addition to his duties as Associate Professor of Geography in the College of Science, Literature, and the Arts.

Henry Longstreet Taylor as Associate Professor in the Graduate School, without salary, beginning with the year 1923-24.

Otto S. Zelner as Associate Professor in Civil Engineering to give instruction in Summer Camp from August 9 to September 20, 1923, at \$375 for the period, Class C.

Rhodes Robertson as Assistant Professor in Architecture for the year 1923-24, at \$2,000, Class BH80.

John Gunderson Rockwell as Assistant Professor in Educational Psychology for the year 1923-24, at \$3,000 Class B.

Raymond W. Allard as Instructor in School of Mines for the year 1923-24, at \$2,100, Class B.

Mrs. Ethel Elliott Benten as Instructor in Romance Languages for the year 1923-24, at \$1,800, Class B.

Berry E. Brevik as Instructor in Civil Engineering for the year 1923-24, at \$2,000, Class B.

Jessie F. Caplin as Instructor in Textiles in General Extension Division from September 10, 1923, to June 30, 1924, at \$5 per class hour.

Lew Garrison Coit as Instructor in Business Management in the General Extension Division from September 24, 1923, to June 1, 1924, at \$160 per class per semester.

Frances K. Del Plaine as Instructor in Sub-freshman Rhetoric in the General Extension Division from September 24, 1923, to June 30, 1924, at \$175 per class per quarter.

Robert D. Evans as Instructor in Bacteriology for the year 1923-24, at \$1,000, Class BH50.

John Flodin as Instructor in Mechanical Engineering for the year 1923-24 at \$2,000, Class B.

Lennox B. Gray as Instructor in English for the year 1923-24, at \$1,800, Class B.

Ronald M. Hazen as Instructor in Mechanical Engineering for the year 1923-24, at \$1,800, Class B.

Edna F. Heidbreder as Instructor in Psychology from September 18, 1923, to March 31, 1924, at \$1,200, Class C.

Calvin Bryce Hoover as Instructor in Economics for the year 1923-24, at \$2,200, Class B.

Thomas P. Hughes as Instructor in Mechanical Engineering for the year 1923-24, at \$2,000, Class B.

Albin R. Melander as Instructor in Architecture in General Extension Division in Duluth and vicinity from September 24, 1923, to May 31, 1924, at \$160 per class per semester.

Edward R. Murphy as Instructor in Drawing and Descriptive Geometry for the year 1923-24, at \$1,800, Class B.

Lloyd J. Quaid as Instructor in Drawing and Descriptive Geometry for the year 1923-24, at \$1,800, Class BX.

Dayton A. Rogers as Instructor in Mechanical Engineering for the year 1923-24, at \$1,800, Class B.

Kurt E. Rosinger as Instructor in English in General Extension Division from September 1, 1923, to June 30, 1924, at \$1,900, Class D.

Alfred Joseph Brown Schmidt as Instructor in Accounting in the General Extension Division from September 24, 1923, to June 30, 1924, at \$180 per class per semester.

John Aaron Smith as Instructor in University High School for the year 1923-24, at \$2,200, Class B.

Henry N. Stephens as Instructor in Chemistry for the year 1923-24, at \$2,000, Class B.

William J. Tannewitz as Instructor in English for the year 1923-24, at \$1,800, Class B.

Walter R. Warne as Instructor in Mathematics and Mechanics for the year 1923-24, at \$1,800, Class B.

Ludwig Joseph Weber as Instructor in Metallography for the year 1923-24, at \$1,800, Class B.

Florence Van Deren Whipple, continuation of appointment as Instructor and Acting Director of Department of Preventive Medicine and Public Health from September 16 to 30, 1923, at the rate of \$200 per month.

George M. Constans as Physician in Students' Health Service for the year 1923-24, at \$900, Class BH50.

Reuben A. Johnson as Physician in the Students' Health Service for the year 1923-24, at \$1,080, Class BH50.

Leo Dewey Anderson as Assistant in Psychology in the Mechanical Abilities Project of the National Research Council for five months, beginning September 15, 1923, at the rate of \$200 per month, Class C.

Elbert L. Chaney as Assistant in Chemistry for the year 1923-24, at \$750, Class BH50.

Frank J. Duffy as Instructor in English in Extension Division from September 24, 1923, to June 15, 1924, at \$160 per class per semester.

William K. Foster as Instructor in Swimming from September 24, 1923, to June 1, 1924, in the General Extension Division at \$100 per one hour class per semester.

Faith Thompson as Instructor in History for the year 1923-24, at \$1,200, Class BH66.

Joseph A. Wise as Instructor in Civil Engineering for the year 1923-24, at \$1,800, Class BX.

Albert Lindel as Assistant in University High School for the year 1923-24, at \$550, Class BH30.

Wendell O. Rogers as Assistant in English for the year 1923-24, at \$600, Class EH40.

Herman H. Jensen, continuation of appointment as Teaching Fellow in Pharmacology from October 1, 1923, to March 31, 1924, at \$750 for the period, Class C.

H. Marjorie Crawford as Assistant in Chemistry for the year 1923-24, at \$750, Class BH50.

Lester J. Eck as Assistant in Chemistry for the year 1923-24, at \$650, Class BH50.

Hertha R. Freche as Assistant in Chemistry for the year 1923-24, at \$750, Class BH50.

F. Anton Gray as Assistant in Chemistry for the year 1923-24, at \$650, Class BH50.

Marion Irwin as Assistant in Animal Biology for the year 1923-24, at \$1,000, Class BH66.

Katherine Matson as Assistant in University High School for the year 1923-24, at \$600, Class BH33.

Leone Berge Nunan as Assistant in English for the year 1923-24, at \$800, Class B.

Ada Marie Olson as Surgical Nurse in University Hospital with rank of Assistant, beginning August 15, 1923, at \$100 per month with maintenance, Class A.

Harold S. Rock as Assistant in Economics for the year 1923-24, at \$500, Class EH33.

J. Russell Winslow as Assistant in Chemistry for the year 1923-24, at \$750, Class BH50.

Raymond Leslie Gregory as Teaching Fellow in Pharmacology, beginning October 1, 1923, at \$900 per year, Class A.

Marne Lauritsen as Teaching Fellow in Psychology for the year 1923-24, at \$600, Class EH40.

Harold Oliver McCumber as Teaching Fellow in History for the year 1923-24, at \$600, Class EH40.

Thorvald B. Madsen as Teaching Fellow in History for the year 1923-24, at \$600, Class EH40.

Stanley Hazard Perry as Teaching Fellow in History for the year 1923-24, at \$600, Class EH40.

Mrs. Alice Tyler as Teaching Fellow in History for the year 1923-24, at \$300, Class EH20.

Olaf J. Anderson as Watchman in the Department of Buildings and Grounds, beginning September 1, 1923, at \$100 per month, Class A.

Louise Marie Boerlage as Cataloger in the Library, beginning September 16, 1923, at \$65 per month, Class D.

Catherine Clayton as Clerk in Music for the year 1923-24, at \$1,000, Class B.

Stanley S. Chun as Service Man in Physiology from August 1 to August 31, 1923, at the rate of \$780 per year, and as Technician in Surgery, beginning September 1, 1923, at \$100 per month, Class A.

Durant Churchill, Jr., as Stock Clerk in Chemistry, beginning September 16, 1923, at \$70 per month, Class A.

A. Catherine Corson as Technician in Medicine from October 1, 1923, to June 30, 1924, at \$40 per month, Class CH50.

Ruth E. Cranston as Assistant at Loan Desk in the Library, beginning September 19, 1923, at \$1,000 per year, Class A.

Mabel H. Drought as Stenographer in Physics, beginning September 16, 1923, at \$855 for the period, Class D, C5.

Hazel Evans as Assistant Reference Librarian, beginning September 16, 1923, at the rate of \$1,800 per year, Class A.

Agnes Colman Ewell as Service Woman in Physiology, beginning September 1, 1923, at \$65 per month, Class A.

Shattuck Hartwell as Admitting Officer in University Hospital, beginning September 16, 1923, at \$50 per month, Class AH25.

Maisie Hennessey as Obstetrical Nurse in University Hospital, from August 1 to September 15, 1923, at \$80 per month with maintenance, Class A.

Amanda Hilmom as Assistant Night Supervisor in University Hospital, beginning August 16, 1923, at \$80 per month with maintenance, Class A.

Jennie Alice Hulse as Reviser in Library, beginning September 4, 1923, at the rate of \$1,700, Class A.

Lucia Gibbs Keenan as Record Clerk in the Registrar's office, August 1, 1923, at \$900, Class A, C6.

Dorothy Knapp as Assistant in Periodical Department in Library, beginning September 17, 1923, at \$900, Class A.

Marjorie Knowlton as Service Woman in Physiology, beginning September 16, 1923, at the rate of \$780 per year, Class A.

Phyllis M. Kraus as Stenographer in Registrar's Office, beginning September 7, 1923, at the rate of \$900 per year, Class A, C6.

E. R. Lindgren as Technician in Pathology, beginning August 27, 1923, at \$100 per month, Class A.

Russell J. Moe as Stock Clerk in Chemistry, beginning September 16, 1923, at \$80 per month, Class A.

Frank V. Moulton as Clerk in the Employment Office, beginning September 1, 1923, at \$1,020, Class AH75.

Mrs. Signe Nilson as Professional Nurse in Dentistry, beginning September 15, 1923, at \$80 per month, Class D.

Jewell O'Connor as Stenographer in the Registrar's Office, beginning August 16, 1923, at the rate of \$900 per year, Class A, C6.

Selma Amanda Olson as Nurse at the University Farm in the Health Service from October 1, 1923, to March 31, 1924, at \$80 per month, Class C.

Katherin Pickett as Stockroom Keeper in Dentistry, beginning August 1, 1923, at \$1,080 per year, Class A.

Helen Mar Ranson as Cataloger in the Library, beginning September 1, 1923, at \$70 per month, Class D.

Kathryn J. Roberts as Assistant at Loan Desk in Library, beginning September 18, 1923, at \$1,000, Class A.

Mary Roberts, continuation of appointment as Social Service Worker from September 16 to October 15, 1923, at the rate of \$115 per month.

Ione H. E. Sandberg as Stenographer in Pediatrics, beginning August 30, 1923, at \$960, Class A, C6.

Frances E. Titzell as Stenographer in News Service, beginning September 1, 1923, at \$960 per year, Class A, C5.

Leona Wall as Stenographer in Office of the Registrar, beginning September 4, 1923, at \$900 per year, Class A, C6.

Alton N. Wilson as Stockroom Clerk in Chemistry, beginning September 16, 1923, at \$70 per month, Class A.

Elizabeth Hankins as Assistant Registration Clerk in Dentistry, beginning September 20, 1923, at \$65 per month, Class D.

Wallace S. Hughes as Office Boy in General Extension Division from September 18, 1923, to May 31, 1924, at \$20 per month, Class CH.

Ruth Larson as Stationery Clerk in the General Storehouse, beginning October 1, 1923, at \$780 per year, Class A, C7.

Anna Gertrude Voss as Stenographer in College of Education, beginning September 24, 1923, at \$960 per year, Class A, C6.

Rav Ferguson Elliott as Football Coach from September 15 to November 24, 1923, at \$1,000 for the period.

Russell Gates as Teaching Fellow in Radiology, beginning July 1, 1923, at \$600 per year, Class A.

Voted to approve the following promotions and transfers:

Isabel Brody from Payroll Typist in Comptroller's Office at \$840, Class A, C6, to Assistant Payroll Clerk at \$960, Class A, C4, effective August 1, 1923.

Ruth Gullette from Scholar in Psychology at \$25 per month, Class CH20, to Teaching Fellow at \$600, Class EH40, for the year 1923-24.

Addie Haserick from Typist and Clerk in Purchasing Department at \$1,080, Class A, C4, to Clerk in Purchasing Department at \$1,200, Class A, C3, effective September 1, 1923.

Mabel Jackson from Stationery Clerk in Storehouse at \$720, Class A, C7, to Typist in Comptroller's Office, at \$840 per year, Class A, C6, effective August 1, 1923.

Esther Jorstad from Obstetrical Nurse in University Hospital at \$80 per month, Class A, to Assistant Superintendent of Nurses with rank of Instructor at \$85 per month from August 1 to November 1, 1923, Class C.

Leslie Miller from Student Helper in Geology at \$150, Class EH15, to Scholar at \$225, Class EH20, effective at beginning of academic year 1923-24.

Jessie Ravitch from Student Helper in Sociology at \$225, Class EH20, to Scholar at same salary, Class EH20, effective at beginning of academic year 1923-24.

Josephine G. Rowles from Stenographer in Botany at \$700, Class E, C6, to Transcript Clerk in Registrar's Office, at \$1,020, Class A, C5, effective August 16, 1923.

Gertrude Hartman from Assistant at Loan Desk in the Library at \$1,000, Class A, to Assistant Law Librarian at \$1,080, Class A, effective September 16, 1923.

Mertle Lundeen from Stenographer at \$960, Class A, C6, in the College of Education to Clerk at \$1,080, C4, effective September 16, 1923.

Ardell Melin from Stenographer at \$960, Class A, C6, in the College of Education to Stenographer at \$1,020, C5, effective September 16, 1923.

June Nicholson from Stenographer at \$960, Class A, C5, in the College of Education to Stenographer at \$960, C6, effective September 16, 1923.

Harry E. Orr from Plumber Foreman at 80 cents per hour in Department of Buildings and Grounds, to Plumber Foreman at \$2,000 per year, effective September 1, 1923, Class A.

Leah Zoe Ridgeway from Assistant Registration Clerk in Dentistry at \$650, Class D, to Nurses' Assistant at \$800, Class D, effective September 15, 1923.

Voted to approve the following salary adjustments:

R. G. Allison, Radiographer in University Hospital, from \$2,400 to \$1,800, effective July 1, 1923.

Mrs. Genevieve Boughner, Assistant in Journalism at \$510, Class CH50, to Assistant at \$540, Class BH50, for the year 1923-24.

John O. Cederberg from Instructor in Drawing and Descriptive Geometry at \$2,000, Class B, to \$1,000, Class BH50, for the year 1923-24.

Claude M. Cleveland, Teaching Fellow in Obstetrics and Gynecology, from \$500, Class D, to \$250, Class D, with maintenance at the University Hospital, effective September 10, 1923.

George R. Dunn from Instructor in Surgery without salary to \$50 per month from August 1, 1923, to January 31, 1924, Class CH.

Edward C. Gager, Instructor in Medicine, Class BH, without salary, to Class EH10, at \$150 for the year 1923-24.

S. B. Harding, Professor of History in General Extension Division at \$3,500, Class D, to \$4,500, Class D; \$3,000 to be paid by General Extension Division and \$1,500 by the History Department.

C. E. Herman, Assistant Professor in University Hospital, from Class BH36 to Class AH36, effective July 1, 1923.

Fred C. Lang, Assistant Professor in Civil Engineering, from \$1,000, Class BH33, to \$2,500, Class BH80, for the year 1923-24.

Walter R. Myers, Assistant Professor in School of Business, from \$2,400 to \$2,700, beginning with the year 1923-24, Class B.

Ella Nelson, Assistant Budget Clerk in Comptroller's Office, from \$900 to \$960, Class A, C5, effective August 1, 1923.

Henry Odland, Instructor in Medicine, without salary, Class BH, to \$150 for the year 1923-24, Class EH10.

Everett K. Rowles, Teaching Fellow in Anatomy at \$675, Class B, to \$900 for the year 1923-24.

Samuel B. Solhaug, Instructor in Obstetrics and Gynecology, without salary, Class AH, to \$225 for the year 1923-24, Class EH10.

Dale D. Turnacliff, Instructor in Medicine, without salary, Class BH, to \$150 for the year 1923-24, Class EH10.

Esther E. Taylor, Stenographer in News Service at \$540, Class AH50, to \$960, Class A, from July 1 to August 31, 1923.

Roscoe C. Webb, Instructor in Surgery at \$600, Class AH10, to Instructor in Surgery without salary, effective August 1, 1923.

C. R. Stauffer, Professor of Geology, from \$4,000 to \$4,500 per year, beginning with the year 1923-24.

J. Anna Norris, Professor of Physical Education for Women, from \$3,600 to \$4,000, beginning with the year 1923-24.

Houghton Holliday, Assistant Professor in Dentistry, from \$2,000, Class AH5, to \$2,800, Class AH7, beginning September 16, 1923.

Lester C. McCarthy, Instructor in Dentistry, from \$300, Class BH2, to \$600, Class BH4, for the year 1923-24.

Earl A. Nelson, Instructor in Dentistry, from \$450, Class BH3, to \$900, Class BH6, for the year 1923-24.

Carl W. Waldron, Assistant Professor in Dentistry, from \$1,250, Class BH5, to \$1,500, Class BH6, for the year 1923-24.

C. E. Larson, Technician in Dentistry, from \$1,250, Class D, to \$1,500, Class D, beginning with the year 1923-24.

Voted to approve the following leaves of absence:

Marion Evenson, Chief Clerk to the Assistant Dean for the Senior College, leave without pay, for two weeks, beginning July 30, 1923.

Evelyn Harwood, Stenographer in Department of Architecture, from July 16 to 22, 1923, inclusive, without pay.

Marion L. Vannier, Superintendent of Nurses, University Hospital, from September 1 to October 31, 1923, without salary.

Marshall Hertig, Instructor in Animal Biology, change in salary from \$1,900, Class B, to \$400, Class C, from September 16 to November 30, 1923; leave of absence from December 1, 1923, to January 31, 1925, without salary, for work with the China Medical Board; and reappointed Instructor in Animal Biology for the year 1924-25 at \$1,900, Class B.

George A. Maney, Assistant Professor of Civil Engineering, leave of absence for the year 1923-24, without prejudice to a sabbatical leave, to take charge of construction work in Texas.

Voted to approve the following trips outside of the State:

M. E. Haggerty to New York City, Cambridge, Massachusetts, and other points east August 1 to 20, 1923, to interview candidates for positions, expenses not to exceed \$250 to be charged to Budget 400.

Alfred Owre to Cleveland, Ohio, September 7 to 12, 1923, to attend meeting of the Dental Faculties Association of American Universities, expenses not to exceed \$115 to be charged to Budget 371.

F. J. Wulling to Asheville, North Carolina, September 3 to 9, 1923, to attend the meeting of the American Conference of Pharmaceutical Faculties, expenses not to exceed \$150 to be charged to Budget 390.

L. J. Seymour to Chicago, Illinois, September 17 to 21, 1923, to convention of International Lyceum Association to select talent for the season 1924-25, expenses not to exceed \$75 to be charged to Budget 459.

Voted to approve the following adjustments in the Summer School budget:

Resignations—

I. L. Conners, Instructor in Plant Pathology, first term, effective at time of appointment.

Joseph Valasek, Assistant Professor of Physics, second term, effective at time of appointment.

Arturo Torres-Rioseco, Instructor in Romance Languages, second term, effective at time of appointment.

Elizabeth Muenzinger, Lecturer in Sociology, second term, effective at time of appointment.

Elmer W. Johnson, Instructor in Mathematics and Mechanics, second term, effective at time of appointment.

Edla Anderson, Instructor in Home Economics, second term, effective at time of appointment.

Alpha Peterson, Instructor in Home Economics, second term, effective at time of appointment.

Anne Benton, Instructor in Bacteriology, second term, effective at time of appointment.

G. H. Montillon, Assistant Professor of Chemistry, second term, effective at time of appointment.

Carl F. Otto, Instructor in Dentistry, second term, effective at time of appointment.

Lewis W. Thom, Instructor in Dentistry, second term, effective at time of appointment.

Reuben A. Ulvestad, Instructor in Dentistry, second term, effective at time of appointment.

Lynn E. Stockwell, Instructor in Education, second term, effective at time of appointment.

H. M. Wynne, Instructor in Obstetrics, second term, effective at time of appointment.

Donald N. Ferguson, Assistant Professor of Music, second term, effective at time of appointment for all salary except fees.

Appointments—

Herbert W. Krieger as Instructor in Americanization second term at \$131.25, for half time.

Leroy A. Calkins as Assistant Professor of Obstetrics for the second term at \$50 in addition to his regular duties in Medical School.

John A. Cederstrom as Instructor in Animal Biology for second term at \$225.

Louis A. Fried as Reader in Animal Biology, second term, at \$12.

Charles F. Lindsley as Instructor in English for second term at \$137.50, for half time.

Davis Edwards as Instructor in English for second term at \$150 for half time.

Iwao Fukushima as Assistant in Physics for second term at \$75.

E. J. Meili as Reader in Sociology for second term at \$12.

Charles Boehnlein as Instructor in Mathematics and Mechanics for second term at \$208.30 for five-sixths time.

C. A. Herrick as Assistant Professor of Mathematics and Mechanics for second term at \$286.45 for five-sixths time.

Hugh B. Wilcox as Assistant Professor of Mathematics and Mechanics for second term at \$250 for five-sixths time.

R. F. Schuck as Instructor in Drawing and Descriptive Geometry for second term at \$137.50 for half time.

Robert G. Green as Assistant Professor of Bacteriology for second term at \$337.50.

A. L. Thomas as Instructor in Dentistry for second term at \$100.

J. O. Baker as Instructor in Dentistry for second term at \$110.

R. P. Dressel as Instructor in Dentistry for second term at \$100.

E. A. Nelson as Instructor in Dentistry for second term at \$125.

Merrill G. Swenson as Instructor in Dentistry for second term at \$125.

Amos S. Wells as Professor of Dentistry for second term at \$200.

Mrs. Hazel Martin as Instructor in Art Education for second term at \$80 for part time.

Walter J. Saupe as Assistant in Education for second term at \$80.

John Bohan as Assistant in Educational Psychology for second term at \$80.

Godfrey W. Anderson as Desk Assistant in Law Library, second term, \$25.

Salmer Knutson as Desk Assistant in Law Library, second term, \$25.

Jay Wellmerling as Desk Assistant in Law Library, second term, at \$25.

R. L. Kane as Reader in Political Science for the second term at \$10 for part time.

Irene Quamme as Accompanist in Physical Education for Women for second term at \$7.50.

C. H. Glenske, as Assistant in Physical Education for Men for second term at \$24.15.

Salary Adjustments—

Dorothy Strong, Assistant in Greek for first term, from \$62.40 to \$75; \$2.08 of which is to be paid from fees.

Gertrude Reeves, Instructor in Music, first term, from \$292 to \$325.

J. W. Gullickson, Assistant in Pathology for second term, from \$50 to \$15.

Blanche Zellmer, Cafeteria Manager and Instructor, from \$133.32 to \$180 on account of additional class, first term.

Voted to approve the following appointment notwithstanding the expressed policy of the Board of Regents in regard to the employment of more than one member of a family:

Katherine Sutherland, sister of Kenneth Sutherland, Physician in the Health Service, as Typist in the Library, beginning September 4, 1923, at \$840, Class A. C6.

The following resolution was offered by Regent Preus, seconded by Regent Partridge and adopted by unanimous vote:

"Resolved, That pursuant to authority of Chapter 400, Laws of Minnesota, 1921, there be issued and sold to the State of Minnesota certificates of indebtedness of the University of Minnesota in a sum of not to exceed Five Hundred Sixty Thousand Dollars (\$560,000.00), consisting of two certificates, certificate No. 191 for Three Hundred Thirty-six Thousand Dollars (\$336,000.00), and certificate No. 192 for Two Hundred Twenty-four Thousand Dollars (\$224,000.00), bearing interest at the rate of 4½ per cent per annum payable semi-annually on August first and February first, the principal of the certificate No. 191 for Three Hundred Thirty-six Thousand Dollars (\$336,000.00), to mature August 1, 1929, and the principal of the certificate No. 192 for Two Hundred Twenty-four Thousand Dollars (\$224,000.00), to mature February 1, 1930, both principal and interest payable at the office of the State Treasurer of Minnesota.

"Resolved further, That said certificates be signed by the President and the Secretary of the Board of Regents of the University of Minnesota, under its corporate seal, and be registered and countersigned by the State Auditor and that certificate numbered 191 shall be issued and dated October 1, 1923, and that certificate numbered 192 shall be issued and dated January 1, 1924, and said certificates shall be substantially in the following form:

No. 191 UNITED STATES OF AMERICA \$336,000.00
 STATE OF MINNESOTA
 CERTIFICATE OF INDEBTEDNESS
 OF THE UNIVERSITY OF MINNESOTA

"This is to certify that the University of Minnesota for value received is indebted and, upon the surrender of this certificate, promises to pay to the State of Minnesota the sum of Three Hundred Thirty-six Thousand Dollars (\$336,000.00), in lawful money of the United States on the first day of August A. D. 1929, with interest thereon from date until paid at the rate of 4½ per cent per annum, payable semi-annually on the first day of February and August in each year from taxes levied or to be levied upon all taxable property within the State of Minnesota, with principal and interest being payable at the office of the Treasurer of said State, in the city of St. Paul, Minnesota. This certificate is issued under and pursuant to Chapter 400 of the Laws of Minnesota, 1921, approved April 20, 1921, and entitled:

'An act relating to the University of Minnesota providing for the erection and equipment of buildings in accordance with a comprehensive building plan, and as incidental thereto granting authority to contract for the removal of the railroad tracks of the Northern Pacific Railway Company now laid and operated through the campus, and to convey a railroad right of way through another part of the campus as part consideration for such removal, and to acquire certain lands by purchase, exchange or condemnation, and authorizing the

levy of taxes to provide funds therefor and the issuance of certificates of indebtedness for such purposes, and the payment thereof from the proceeds of the tax levies, and repealing Chapter 289, Laws 1919 relating to the same subject.'

"All funds to be collected from the tax levies, as by said chapter authorized and made, are hereby irrevocably pledged to the punctual payment of the principal and interest hereof.

"It is hereby certified, recited and declared, that all acts, conditions and things required to exist, happen and be performed precedent to and in the issuance of this certificate, have existed, happened and been performed in due time, form and manner as required by law; and that the amount of this certificate, together with all other indebtedness of said University of Minnesota, does not exceed any limit prescribed by the constitution or statutes of said State.

"In Witness Whereof, the University of Minnesota, being duly authorized thereto by said act, has caused this certificate to be signed by the President and the Secretary of its Board of Regents, and sealed with its corporate seal, and to be registered and countersigned by the Auditor of the State of Minnesota, as of the first day of October, 1923.

UNIVERSITY OF MINNESOTA

By
President, Board of Regents.

Attest
Secretary, Board of Regents.

"This certificate is issued in compliance with the act referred to therein and has been duly registered in this office.

.....
Auditor, State of Minnesota.

No. 192 UNITED STATES OF AMERICA \$224,000.00
STATE OF MINNESOTA
CERTIFICATE OF INDEBTEDNESS
OF THE UNIVERSITY OF MINNESOTA

"This is to certify that the University of Minnesota for value received is indebted and, upon the surrender of this certificate, promises to pay to the State of Minnesota the sum of Two Hundred Twenty-four Thousand Dollars (\$224,000.00), in lawful money of the United States on the first day of February A. D. 1930, with interest thereon from date until paid at the rate of 4½ per cent per annum, payable semi-annually on the first day of February and August in each year from taxes levied or to be levied upon all taxable property within the State of Minnesota, with principal and interest being payable at the office of the Treasurer of said State, in the city of St. Paul, Minnesota. This

certificate is issued under and pursuant to Chapter 400 of the Laws of Minnesota, 1921, approved April 20, 1921, and entitled:

'An act relating to the University of Minnesota providing for the erection and equipment of buildings in accordance with a comprehensive building plan, and as incidental thereto granting authority to contract for the removal of the railroad tracks of the Northern Pacific Railway Company now laid and operated through the campus, and to convey a railroad right of way through another part of the campus as part consideration for such removal, and to acquire certain lands by purchase, exchange or condemnation, and authorizing the levy of taxes to provide funds therefor and the issuance of certificates of indebtedness for such purposes, and the payment thereof from the proceeds of the tax levies, and repealing Chapter 289 Laws 1919 relating to the same subject.'

"All funds to be collected from the tax levies, as by said chapter authorized and made, are hereby irrevocably pledged to the punctual payment of the principal and interest hereof.

"It is hereby certified, recited and declared that all acts, conditions and things required to exist, happen and be performed precedent to and in the issuance of this certificate, have existed, happened and been performed in due time, form and manner as required by law; and that the amount of this certificate, together with all other indebtedness of said University of Minnesota, does not exceed any limit prescribed by the constitution or statutes of said State.

"In Witness Whereof, the University of Minnesota, being duly authorized thereto by said act, has caused this certificate to be signed by the President and the Secretary of its Board of Regents, and sealed with its corporate seal, and to be registered and countersigned by the Auditor of the State of Minnesota, as of the first day of January, 1924.

UNIVERSITY OF MINNESOTA

By
President, Board of Regents.

Attest
Secretary, Board of Regents.

"This certificate is issued in compliance with the act referred to therein and has been duly registered in this office.

.....
Auditor, State of Minnesota.

"Resolved further, That the President and the Secretary of this Board be and they are hereby authorized and empowered to make ready and execute said certificates in substantially said form and to deliver the same to the State of Minnesota, and receive the proceeds therefor.

"Resolved further, That in order to secure the prompt payment of the interest and the principal of the certificates hereby

authorized as the same shall become due and payable, there is hereby set aside and reserved from the tax of Five Hundred Sixty Thousand Dollars (\$560,000.00), to be levied by the Auditor of the State of Minnesota for the year 1928, pursuant to said act, the sum of Five Hundred Sixty Thousand Dollars (\$560,000.00), and in addition thereto there is hereby set aside and reserved from the taxes levied or to be levied by the Auditor of the State of Minnesota for the year 1923 to 1928 inclusive, pursuant to said act, such sums of money as may be necessary to pay the semi-annual interest on said certificates at the rate of 4½ per cent per annum, and the sums herein are set aside as reserve and hereby pledged to the payment of interest and principal on the certificates of indebtedness hereby authorized.

"Resolved further, That certified copies of this resolution be forwarded by the Secretary of this Board to the State Board of Control and the State Auditor for the purpose and to the intent that the reservations and pledges of taxes herein and hereby made, be made fully effective and that the taxes so reserved may be used for no other purpose than for the payment of the principal and interest on said certificates of indebtedness."

The President reported regarding the proposed Child Guidance Demonstration Clinic of the Commonwealth Fund.

Voted to approve the plan of co-operation between the University of Minnesota and the Child Guidance Demonstration Clinic in accordance with the plan outlined by the President.

Voted to accept with thanks from R. G. Allison a fellowship of \$600 in Roentgenology in the University Hospital for the year 1923-24.

Voted that a diploma be issued to W. E. Judson as a graduate of the Medical School as of the date of May 25, 1907.

Voted that the fees of special students in clinical branches in the Graduate School be the same as the fees for special students in the Medical School, that is, \$60 per quarter.

Voted to approve the list of candidates for degrees for the Summer Session of 1923.

Voted to reconsider the action of the Board of Regents of September 8, 1922, relative to the Engineers' Co-operative Bookstore.

Voted to refer the question of bookstores on the University campus to the President of the Board, the

President of the University, Regent McConnell, and the Comptroller.

A report of the Educational Committee of the Minnesota State Dental Association was received, considered, and placed on file.

The President of the Board reported the results of the auction of old buildings located on property acquired by exchange with the Great Northern Railway Company, known as the Chute property.

Voted to approve the sale of the buildings in accordance with the report of the auctioneer.

Voted to exempt K. H. Chang from the payment of tuition and other fees for the first quarter of the year 1923-24.

Voted that an adjustment of \$170 be granted Josiah H. Chase on the purchase price of \$1625 for the house located on Fifteenth avenue purchased at auction by Mr. Chase in August, 1922, because of the closing of University Avenue by the University for the purpose of constructing a heating tunnel to the new Storehouse and Shops building, thus delaying for approximately two months the removal of the house; this adjustment being in addition to the adjustment already obtained by Mr. Chase from the Northern Pacific Railway Company.

Voted to approve the conveyance of an easement to the Northern Pacific Railway Company for a 24-inch reinforced concrete pipe culvert across University property between the Mines Experiment Station building and the Mississippi river, in accordance with the blue-print and plan filed supplement to the minutes, page 352. The culvert is to be constructed at the expense of the Northern Pacific Railway Company and the University to be permitted to connect with the culvert without expense to the University, and the proper officers of the Board are authorized to execute the conveyance of this easement.

Voted to approve the establishment of a students' loan fund in accordance with the terms of the resolution of the University of Minnesota Law School

Alumni Association, filed supplement to the minutes, page 353.

Voted to approve an extra of \$550 to the Madsen Construction Company because of excavation of rock for the footings for the new Storehouse and Shops building, in accordance with the recommendation of the State Architect and the Consulting Architect of the University.

Voted to approve the proposed agreement between The W. S. Tyler Company and the University of Minnesota, as follows:

TECHNICAL INVESTIGATORS
AGREEMENT BETWEEN THE W. S. TYLER COMPANY
AND THE UNIVERSITY OF MINNESOTA

PREAMBLE

The W. S. Tyler Company and the University of Minnesota desire to make investigations and disseminate information with the view to prevent undue waste of resources, increasing efficiency in the utilization of mineral substances and otherwise contributing to the advance of industry, hereby agree with each other as follows:

FACILITIES AND MONEY FURNISHED BY THE
W. S. TYLER COMPANY.

(1) The W. S. Tyler Company will furnish to the Mines Experiment Station of the University of Minnesota the sum of Eighteen Hundred Dollars (\$1800) for the purpose of providing The W. S. Tyler Company technical investigators for a period of one year. This money is to be paid to the University of Minnesota on or before the 1st day of October, 1923, and is to be used only for these purposes during the above mentioned period, unless otherwise agreed. The selection of the men to receive these appointments is to rest entirely in the hands of the Director of the Mines Experiment Station, subject to the approval of the President and the Board of Regents, but The W. S. Tyler Company may recommend individuals for the positions who will be given consideration with other applicants by the Director.

(2) In addition to furnishing money for the above technical investigators, The W. S. Tyler Company agrees to set aside the sum of Thirty-five Hundred Dollars (\$3500) to be expended for material, labor, supplies, etc., which money is to be expended through the regular channels of the Mines Experiment Station. At the end of each month the University will render a statement to The W. S. Tyler Company showing the money spent during the preceding month for the general items of labor, material, supplies, and equipment and The W. S. Tyler Company agrees to immediately reimburse the University for the amount of these bills up to the sum above specified.

(3) In addition to this, The W. S. Tyler Company agrees to co-operate in every way possible in furnishing advice, suggestions, criticisms, and data on definite problems which they may have available or can obtain. It is understood that both parties must be in agreement as to the problems they undertake.

The W. S. Tyler Company further agrees not to use the name of the University of Minnesota or the Mines Experiment Station in any advertising matter except as authorized by the Board of Regents of the University of Minnesota. While this is understood, the object of this undertaking is to educate the public who would be interested in these matters; therefore, if certain discoveries are made, means will be found to give them to the public, it being understood that both parties agree as to the character of information to be made public.

FACILITIES AND MONEY FURNISHED BY THE UNIVERSITY OF MINNESOTA

(4) The University of Minnesota will maintain on its campus a Mines Experiment Station suitably equipped and devoted to experimental work. It will maintain a staff of employees suitable to superintend and direct such work, and will, through its regular channels, make all expenditures for salaries, equipment and material that it deems advisable. It will furnish free of charge, heat, light, a reasonable amount of power, suitable office and laboratory space, and the equipment which it has available in order to suitably conduct technical investigations. It will, through its regular staff of the Mines Experiment Station, lay out and supervise the work of the technical investigators and will do everything possible to see that their time is efficiently spent.

(5) From time to time reports will be prepared by these technical investigators covering the work which they have completed. Copies of these reports will be made available to The W. S. Tyler Company or their duly authorized representative who may make use of the information which they contain, but will not publish these reports as such. These reports shall be the property of the School of Mines Experiment Station of the University of Minnesota. The technical information secured may be published by the School of Mines Experiment Station of the University of Minnesota at its discretion. If it seems desirable, the publications will contain no reference to the particular organization for which the work was done, to the source of the ore or other raw materials. The manuscript will be submitted to The W. S. Tyler Company for approval before publication. Copies of these reports may be used by the technical investigators for the purpose of presenting them to educational institutions for academic recognition.

(6) The University of Minnesota further agrees to carry on investigations, through its Mines Experiment Station staff, and with the assistance of the technical investigators along the line

requested by The W. S. Tyler Company. It is understood, however, that absolute control and direction of the work shall rest with the Director of the Mines Experiment Station or his duly authorized agent.

(7) This agreement shall be in effect on and after the 1st day of October, 1923, and shall expire the 1st day of October, 1924. This agreement may be renewed upon mutual consent of both interested parties.

UNIVERSITY OF MINNESOTA,

.....
Secretary, Board of Regents.

THE W. S. TYLER COMPANY,

.....
Sales Manager.

Resolved, That Fred B. Snyder, President of the Board, be, and is hereby authorized and empowered to sell and assign any or all United States Registered Bonds or Registered Bonds of any description which are transferable on the books of the Treasury Department now standing, or which may hereafter stand, in the name of this University of Minnesota and to appoint one or more attorneys for that purpose. Ratifies and confirms all prior assignments made by him.

Voted to grant the remission of fees of members of the United States Bureau of Mines' staff who wish to take work in the University of Minnesota.

A resolution adopted by certain citizens protesting the establishment of switch yards of the Great Northern Railway Company near the University campus was received, considered, and placed on file.

The President of the Board reported the exchange of United States bonds for \$150,000 of State of North Dakota 5½ per cent bonds, the net effect of the exchange being an increase in the investment account of the Mayo Foundation of \$10,417.60, and an increase in income of this account of \$1,245 per year beginning July 1, 1924, and continuing at least until 1938, the date of maturity of the first United States bonds used in the exchange. Voted to ratify and approve this exchange of securities.

Voted that the group of students usually classed as "not primarily students" who are exempt under the existing rules from the payment of the incidental fees

(Minnesota Union, Shevlin Hall, Health, and Minnesota Daily,) be also exempt in the case of the penalty for late registration from the additional per diem charge of \$1 for each day's delay in registration, but charged the flat fee of \$2 for late registration, beginning with the year 1923-24.

Voted that the President of the Board represent the University at the meeting of representatives of governing boards of state universities, in Chicago in November.

Voted to approve the payment of \$30 to James Houden Nicol for expenses as representative of the University at the inauguration of the President of the American University of Beirut, Syria, June 23, 1923.

Voted to accept with thanks the gift of an additional \$150 from J. S. McLaughlin and Sons for the McLaughlin Asphalt Fund in the Engineering Experiment Station.

Voted to approve the payment of \$25 to H. W. Krieger, Instructor in Anthropology, for correspondence study course of twenty-seven lessons in Anthropology for the General Extension Division.

Voted to approve the payment of \$100 to Dora Smith, Instructor in the University High School, for four correspondence study courses of twenty lessons each in high school English literature for the General Extension Division.

Voted to approve the payment of \$100 to R. R. Barlow for four correspondence study courses in reporting and editing for the General Extension Division.

Voted to accept with thanks the gift of a clay bas-relief plaque to the Library from Mrs. J. E. Bulckley Shelland.

Voted to approve the following student loans:

Gilfillan Trust Fund

Donald W. Pollard.....	\$75.00
Luella J. Kratz.....	35.00
George E. Snoeyenbas.....	50.00
Ruth Wennerberg	75.00
R. E. Swenson.....	100.00
Dewey E. Morehead.....	100.00
Elmer J. Lillehei.....	73.00
R. C. Swenson.....	50.00
Total	\$558.00

Ludden Estate Fund

Elwyn H. Welch.....	\$73.00
L. Warner Paul.....	73.00
Wm. M. Segal	53.00
Donald W. Pollard.....	73.00
Total	\$272.00

Ludden Real Estate Fund

Viola Shields	\$35.00
H. S. Koop.....	50.00
Ralph W. Peders.....	50.00
Hugh D. Phillips.....	100.00
W. Bryant Richards.....	73.00
Total	\$308.00

Voted to approve the report of the Comptroller to the Chairman of the Salaries and Finance Committee, filed supplement to the minutes, page 354.

Voted to approve claims, list filed supplement to the minutes, page 355.

Voted to approve the following transfers:

Amount	From	To
\$5,000.00	Reserve, page 18	Budget 639, section XXII, page 136.
2,315.00	Reserve, page 18	Budget 295, section VII, page 90.
1,037.21	Reserve, page 18	Budget 151, section V, page 46.
550.00	Reserve, page 18	Budget 312, section VIII, page 92.
300.00	Reserve, page 18	Payroll item F-3, section XXI, page 135.

Amount	From	To
600.00	Reserve, page 18	Budget 822, section XXV, page 148.
1,000.00	Reserve, page 18	Budget 647, section XXII, page 136.
1,360.00	Reserve, page 18	Budget 274, section VII, page 83.
518.05	Budget 49, section I, page 21	Budget 216, section VI, page 66.
140.00	Payroll item A-30, section II, page 22	Payroll item A-30-a, same section and page.
1,300.00	Budget 1002, section III, page 27-a	Payroll item A-26, same section, page 27.
1,000.00	Budget 1006, section III, page 27-a	Budget 1001, same section and page.
62.90	Payroll item A-8, section IV, page 29	Payroll item A-12, same section and page.
1,300.00	Budget 168, section V, page 51	Budget 151, same section, page 46.
125.00	Payroll item K-15, section VI, page 68	Payroll item K-22, same section and page.
9.00	Payroll item P-5, section VI, page 73	Payroll item P-6, same section and page.
35.00	Payroll item B-29, section XXV, page 147	Payroll item B-30, same section and page.
50.00	Payroll item I-8, section VI, page 66	Payroll item I-22, same section and page.
3,000.00	Budget 230, section VI, page 71	Budget 229, same section and page.
45.16	Payroll item I-23, section VII, page 87	Payroll item I-29-a, same section and page.
900.00	Budget 304, section VIII, page 91	Payroll item B-15, same section and page.
900.00	Budget 304, section VIII, page 91	Payroll item B-16, same section and page.
87.50	Payroll item 63, section IX, page 97	Payroll item 71, same section and page.
3,000.00	Payroll item D-2, section XIV, page 105	Payroll item D-3-a, same section and page.
1,000.00	Payroll item B-8, section XVII, page 124	Payroll item B-8-a, same section and page.
300.00	Payroll item 10, section XIX, page 127	Payroll item 13, same section and page.
2,220.00	Payroll item J-1, section XX, page 132	Budget 530, same section and page.
100.00	Payroll item F-2, section XXI, page 135	Payroll item E-2, same section and page.
3,800.00	Budget 646, section XXII, page 136	Budget 648, same section and page.
15,000.00	Budget 646, section XXII, page 136	Budget 649, same section and page.

Amount	From	To
6,664.00	Budget 646, section XXII, page 136	Budget 606, same section and page.
2,400.00	Budget 745, section XXIV, page 140	Payroll item G-6, same section and page.
194.69	Budget 806, section XXV, page 145	Payroll item A-29, same section and page.
300.00	Budget 822, section XXV, page 148	Payroll item C-6, same section and page.
700.00	Budget 822, section XXV, page 148	Payroll item C-7, same section and page.
825.00	Reserve, page 18	Payroll item H-5, section II, page 26.
7,000.00	Budget 202, section VI, fund 9, page 61	Payroll item D-49, same section and fund, page 60.
2,410.82	Budget 202, section VI, fund 9, page 61	Budget 203, same section, fund and page.
800.00	Payroll item S-13, section VI, page 75	Payroll item S-15, same section and page.
75.00	Payroll item T-15, section IV, page 42	Payroll item T-17, same section and page.
1,325.00	Payroll item R-17, section VI, page 74	Payroll item R-16, same section and page.
2,235.00	Budget 245, section VI, page 74	Budget 244, same section and page.

Voted to approve the following requisitions:

Requisition 1944	\$ 393.70
Requisitions 76 to 100.....	15,165.38
Requisitions 101 to 125.....	38,818.07
Requisitions 126 to 150.....	521,493.18
Requisitions 151 to 175.....	11,212.63
Requisitions 176 to 200.....	28,281.82
Requisitions 201 to 225.....	308,930.65
Requisitions 226 to 250.....	13,638.18
Requisitions 251 to 275.....	28,509.56
Requisitions 276 to 300.....	18,478.86
Requisitions 301 to 325.....	15,076.52
Requisitions 326 to 350.....	13,402.14
Requisitions 351 to 375.....	19,508.34
Requisitions 376 to 400.....	109,528.13
Requisitions 401 to 475.....	14,585.04

Voted to adjourn.

A. J. LOBB, Secretary