

UNIVERSITY OF MINNESOTA
BOARD OF REGENTS
MINUTES

April 13, 1951

A meeting of the Board of Regents was held in the Regents' Room, Administration Building, on Friday, April 13, 1951, at ten o'clock.

Present: Regent Quinlivan, presiding; Regents Bell, Jones, Lawson, Malkerson, Novak, Olson, Skyberg, and Wood; and Mr. Morrill.

Voted to approve the minutes of the following meeting:

Board of Regents, September 22, 1950

Voted to approve the following correction of minutes:

June 9, 1950 Academic salary adjustment list, the following to be added under the School of Home Economics:

Naurine R Higgins, Instructor and Assistant Dining Hall Manager BX \$2,970 to B \$3,200

Voted to approve the following amendments of minutes:

March 9, 1951, amendment of minutes requesting extension of appointment date for Joe L Franklin, Jr as Professor and Head Chemical Engineering at the rate of \$10,000 Term B from February 1, 1951 to April 1, 1951 to be amended further to read September 16, 1951

Voted to approve the following retirement:

William M Sandstrom Professor Agricultural Biochemistry to retire as Professor Emeritus effective March 31, 1951

Gertrude Hartman Librarian Library to retire on State Employees Retirement effective March 31, 1951

Voted to approve the following terminations of employment:

Austin Henschel Associate Professor School of Public Health Laboratory of Physiological Hygiene effective March 15, 1951

William Griffiths Lecturer School of Public Health without salary effective January 15, 1951

Hilbert Mark Lecturer School of Public Health without salary effective February 8, 1951

Ruth Koontz Instructor General Studies effective March 15, 1951

James E Fisher Instructor Mathematics and Mechanics effective March 15, 1951

Mayer Krupp Instructor Mechanical Engineering effective March 15, 1951

Douglas L Gibson Instructor School of Business Administration effective March 15, 1951

John D Helmlinger Instructor School of Business Administration effective March 15, 1951

Howard B Hovda Instructor School of Business Administration effective March 15, 1951

George W Summers Instructor School of Business Administration effective March 15, 1951

Harry Benenson Instructor General College effective March 15, 1951

Marjorie K Allen Instructor and Student Counselor Extension Classes effective March 15, 1951

Owen P Lamb Research Fellow Civil Engineering St Anthony Falls Laboratory effective June 15, 1951

Grace Blanchard Teaching Assistant Botany effective March 15, 1951

Jane K Sherman Teaching Assistant English effective March 15, 1951

Adelaide H Schwabacher Teaching Assistant Art effective March 31, 1951

William O J Moser Teaching Assistant Mathematics effective March 15, 1951

Harold A Kieffer Teaching Assistant General Studies effective March 15, 1951

Jeanne L Milton Teaching Assistant Psychology effective March 15, 1951

Irving H Roazen Teaching Assistant Psychology effective March 15, 1951

Sol Haberman Teaching Assistant Sociology effective March 15, 1951

Edward C Kottke Teaching Assistant Anatomy Extension Classes effective March 15, 1951

Wendell P Engelstad Teaching Assistant Physiological Chemistry effective March 31, 1951

John D Gehrig Teaching Assistant School of Dentistry effective March 15, 1951

Byron G Fagg Teaching Assistant College of Pharmacy effective February 28, 1951

George J Dastyck Teaching Assistant General Education effective March 15, 1951

Clarence A Mahler Teaching Assistant General Education effective April 6, 1951

Richard W Trestrail Research Assistant Agricultural Economics Experiment Station Funds effective March 15, 1951

Arthur G Wilson Research Assistant Agricultural Economics
 Experiment Station Funds effective March 22, 1951
 George R Johnson Research Assistant General Studies Graduate
 School Research Funds effective January 31, 1951
 Mortimer Cohen Research Assistant Plant Pathology and
 Botany Research Funds effective February 28, 1951
 David I Seibel Medical Fellow Obstetrics and Gynecology ef-
 fective March 31, 1951
 Paul S Blake Medical Fellow Surgery effective March 31, 1951
 Russell M Nelson Medical Fellow Surgery effective Feb-
 ruary 28, 1951
 Lars Engstrand Medical Fellow Mayo Foundation effective
 February 28, 1951
 Homer D Peabody, Jr Medical Fellow Mayo Foundation ef-
 fective February 28, 1951
 Edmund A Spriggs Medical Fellow Mayo Foundation effective
 February 28, 1951
 Wilbur D Wood Medical Fellow Mayo Foundation effective
 March 15, 1951
 Urban H Zee Medical Fellow Ophthalmology and Otolaryng-
 ology effective March 31, 1951
 William B Savchuck Non-service Fellow Physiological
 Chemistry Research Funds effective March 15, 1951
 Mary L Spalding Principal Librarian Library effective May 16,
 1951 (deceased March 29, 1951)
 Anne E Fuglie East Polk County Home Agent Agricultural
 Extension Service effective April 5, 1951
 Charles T Haley Koochiching County Agricultural Agent In-
 structor Agricultural Extension Service effective March 28, 1951
 Mary T Miller Mower County Home Agent Agricultural Ex-
 tension Service effective April 14, 1951
 Russell Miller LeSueur County Agricultural Agent Instructor
 Agricultural Extension Service effective March 28, 1951
 V Yvonne Raaen Red Lake County Home Agent Agricultural
 Extension Service effective March 16, 1951
 Milton E Seifert Clay County Club Agent Agricultural Ex-
 tension Service effective March 26, 1951
 Donna L Thorson Stearns County Home Agent Agricultural
 Extension Service effective April 12, 1951
 David H Gaines Radio Program Supervisor Radio Broadcast-
 ing effective March 19, 1951
 Glenn G Sundberg Communications Engineer Radio Broad-
 casting effective March 29, 1951
 David B Wine Student Counselor Veterans Counseling Center
 effective March 30, 1951
 William R Nes Associate Scientist Mayo Foundation effective
 April 7, 1951
 Hazel McHardy Assistant Administrative Nursing Supervisor
 University of Minnesota Hospitals effective April 9, 1951
 Bette A Bursell Clerk-Typist Comptroller effective March 15,
 1951 (transferred to miscellaneous payroll)

Helen F Cullen Office Supervisor Comptroller effective
 May 7, 1951
 Ann Hetzel Clerk Comptroller effective April 26, 1951
 Lois Kompelien Senior Clerk Comptroller effective April 10,
 1951
 Beverly J Lyons Clerk-Typist Comptroller effective March 29,
 1951
 Mary J Munson Clerk Comptroller effective March 15, 1951
 (transferred to miscellaneous payroll)
 Elaine Swanson Clerk Comptroller effective February 21, 1951
 Eleanor B Friday Clerk-Typist Dean of Students Student
 Counseling Bureau effective April 10, 1951
 Neal C Jenson Psychometrist Dean of Students Student Coun-
 seling Bureau effective March 22, 1951
 Evelyn R Kranz Secretary Dean of Students Coordinator of
 Students Religious Activities effective April 2, 1951
 Delores Personius Clerk-Typist Dean of Students Speech and
 Hearing Clinic effective March 13, 1951
 Norma B Preece Clerk-Typist Dean of Students Speech and
 Hearing Clinic effective March 31, 1951 (transferred to miscel-
 laneous payroll)
 Beverley J Rice Clerk-Typist Dean of Students Student Activi-
 ties Bureau effective February 2, 1951
 May H Zinberg Senior Clerk Dean of Students Student Coun-
 seling Bureau effective March 15, 1951 (transferred to miscellaneous
 payroll)
 Marilyn H Adams Principal Clerk Admissions and Records
 effective March 22, 1951
 June K Bringgold Senior Clerk Admissions and Records ef-
 fective March 9, 1951
 Barbara D Scharber Clerk Admissions and Records effective
 March 15, 1951
 Beverly S Wething Senior Clerk Admissions and Records ef-
 fective March 27, 1951
 Richard A Nelson Personnel Assistant Office of Civil Service
 Personnel effective April 2, 1951
 Maxine J Brown Clerk-Typist Alumni Relations effective
 March 22, 1951
 Phyllis A Griffin Clerk-Typist Alumni Relations effective
 February 23, 1951
 Helen E Litman Clerk-Typist Alumni Relations effective
 March 6, 1951
 Peter F Gerger Truck Driver General Storehouse effective
 March 21, 1951
 John P Ritz Stores Clerk General Storehouse effective Feb-
 ruary 15, 1951
 Elizabeth Hotchkiss Clerk Library effective March 5, 1951
 Michelle J Hulburt Clerk Library effective February 28, 1951
 Clinton Lockert Senior Clerk Library effective March 16, 1951
 Rose Peco Clerk Library effective March 6, 1951

Florence Smith Junior Librarian Library effective February 23, 1951

Ruth W Self Secretary Museum of Natural History effective March 31, 1951 (transferred to miscellaneous payroll)

Virginia F Kingston Secretary Bureau of Veterans Affairs effective February 28, 1951

Elizabeth A Holm Senior Clerk-Typist Insurance and Retirement effective April 3, 1951

Ann R Overn Senior Secretary Administration College of Science Literature and the Arts effective March 12, 1951

Alexander M Hayday Assistant Gardener Botany effective April 3, 1951

D Milton Kvanbeck Senior Laboratory Machinist Physics effective March 5, 1951

Thelma Guffan Secretary Sociology effective March 1, 1951

Elinor R Bowles Clerk-Stenographer Aeronautical Engineering effective March 16, 1951

Doris Kirch Clerk-Typist Mechanical Engineering effective January 22, 1951

Mary C Masologites Clerk-Typist School of Chemistry effective March 6, 1951

Marilyn F Erickson Clerk-Typist Admissions and Records Department of Agriculture effective February 26, 1951

Diane E N Murray Clerk-Typist Admissions and Records Department of Agriculture effective March 15, 1951

Bette A Anderson Clerk-Typist College of Agriculture Forestry Home Economics and Veterinary Medicine effective March 7, 1951

Alice J Anderson Clerk-Stenographer Agronomy and Plant Genetics effective March 30, 1951

Howard G Olson Laborer Dairy Husbandry effective February 28, 1951

Audrey E Pearson Clerk-Typist School of Home Economics effective March 2, 1951

Nettie L Woodford Clerk-Typist Agricultural Extension Service effective March 30, 1951

Jeannette M Peterson Senior Secretary School of Agriculture effective May 15, 1951

Edgar S Anderson Farm Laborer Southeast Experiment Station effective January 8, 1951

John A Firtko Senior Laboratory Attendant Anatomy effective March 8, 1951

Carole R Johnson Clerk-Stenographer Anatomy effective April 11, 1951

Louise C Rybak Clerk-Stenographer Pharmacology effective February 28, 1951

Rose Marie Daehn Dental Clinic Attendant School of Dentistry effective March 30, 1951

Eloise H Knox Dental Clinic Attendant School of Dentistry effective January 22, 1951 (deceased)

Arlene R Mack Clerk-Stenographer Law School effective February 28, 1951

Joel M Polk Senior Laboratory Animal Attendant Physiological Chemistry Graduate School Research Funds effective February 16, 1951 (transferred to miscellaneous payroll)

Ruth J Nelson Clerk-Typist School of Business Administration effective February 28, 1951

June Palmer Senior Clerk-Typist School of Business Administration effective March 31, 1951 (transferred to miscellaneous payroll)

Willard R Everett Junior Librarian Library Duluth Branch effective March 2, 1951

Jeanne H Webster Clerk-Stenographer Social Studies Duluth Branch effective April 2, 1951

Carol R Mohr Telephone Operator Physical Education and Athletics for Men effective April 6, 1951

Eleanor M Barnes Senior Clerk-Typist Administration Extension Division effective March 5, 1951

Marilyn L Kaufman Clerk-Typist Extension Classes effective April 13, 1951

Rita P Hughes Laboratory Technologist Medicine Research Funds effective February 15, 1951

Lucia B Mandil Laboratory Technician Anatomy Research Funds effective March 31, 1951 (transferred to miscellaneous payroll)

Seth Anderson Building Caretaker Physical Plant effective March 16, 1951 (transferred to miscellaneous payroll)

Ida F Hauser Food Service Worker Centennial Hall effective April 21, 1951 (deceased March 16, 1951)

Arlene Hagen Clerk-Stenographer Coffman Memorial Union effective March 20, 1951

Elizabeth Kolstad Clerk-Stenographer Coffman Memorial Union effective March 19, 1951

June C King Clerk-Typist Students Health Service effective February 16, 1951

Marilyn Nathanson Clerk Professional Colleges Bookstore effective March 2, 1951

Jean O Engel Clerk Nicholson Hall Bookstore effective April 16, 1951

Eleen B LaTulippe Clerk-Typist University Press effective March 8, 1951

Geraldine J Bauman Clerk-Typist Mimeograph and Bulletins effective March 22, 1951

Vernon R Witthans Electronics Mechanic Surgery Research Funds effective March 29, 1951

Marion D Johnson Clerk-Typist School of Nursing Research Funds effective April 18, 1951

Lloyd C Gambol Principal Laboratory Attendant Surgery Research Funds effective April 2, 1951

Margaret M Johnson Laboratory Technologist Physiology Research Funds effective March 13, 1951

Richard C Kirby Junior Scientist Radiology and Physical

Medicine Research Funds effective March 15, 1951 (transferred to miscellaneous payroll)

Barbara Feilzer General Staff Nurse University of Minnesota Hospitals effective April 3, 1951

Virginia Kolb Operating Room Nurse University of Minnesota Hospitals effective April 4, 1951

Robert Mickelsen Hospital Orderly University of Minnesota Hospitals effective March 7, 1951

Adeline Moran General Staff Nurse University of Minnesota Hospitals effective April 6, 1951

Margaret Oslund Operating Room Nurse University of Minnesota Hospitals effective April 3, 1951

Jannie B Pendleton Custodial Worker University of Minnesota Hospitals effective March 15, 1951

Faith Rosenbloom X-ray Technician University of Minnesota Hospitals effective March 14, 1951

Ruth Simon Assistant Head Hospital Nurse University of Minnesota Hospitals effective April 2, 1951

Marian L Trapp Junior Scientist University of Minnesota Hospitals effective March 20, 1951

Helen Tsuchiya Senior Secretary University of Minnesota Hospitals effective April 23, 1951

Eugene Welter Hospital Orderly University of Minnesota Hospitals effective March 22, 1951

Kerry D Ryan recipient of a Josephine L Merriam Scholarship effective March 1, 1951

Voted to approve the following appointments:

Ralph G Ross as Professor General Studies beginning September 16, 1951 at the rate of \$7,000 Term B

Donald W Bates as Assistant Professor Extension Agricultural Engineer Agricultural Extension Service June 16, 1951 to June 30, 1953 at the rate of \$5,040 Term A

Franz Halberg continuation of appointment as Assistant Professor Physiology for the spring quarter of 1950-51 at \$907 Term CH72 (\$3,780 B rate)

Isabel M McLaughlin as Assistant Professor Library Instruction for the spring quarter of 1950-51 at \$420 Term CH33 (\$3,780 B rate)

William O Caster as Assistant Professor Physiological Chemistry Research Funds March 1 to June 30, 1951 at the rate of \$5,500 Term AT

Vernon L Baldwin as Research Associate Dairy Husbandry Research Funds February 16 to May 15, 1951 at \$1,260 Term CT (\$5,040 A rate)

Kenneth G Anderson continuation of appointment as Lecturer Aeronautical Engineering for the spring quarter of 1950-51 at \$383 Term CHT25 (\$4,590 B rate)

Bernard M Leadon continuation of appointment as Lecturer Aeronautical Engineering for the spring quarter of 1950-51 at \$1,388 Term CHT75 (\$5,550 B rate)

Frank D Werner continuation of appointment as Lecturer Aeronautical Engineering for the spring quarter of 1950-51 at \$383 Term CHT25 (\$4,590 B rate)

F Hazen Dick as Lecturer School of Public Health Hospital Administration Funds for the spring quarter of 1950-51 at \$333 Term CHT13 (\$7,500 B rate)

John D Meyer as Instructor School of Forestry April 1 to June 15, 1951 at \$825 Term CT (\$3,960 A rate)

Anita S Dow as Instructor School of Home Economics and Assistant Manager Agricultural Cafeteria March 26 to June 30, 1951 at the rate of \$3,960 Term AX

Eugene Petersen as Clinical Instructor School of Dentistry March 16 to June 15, 1951 at the rate of \$297 Term BH1

Charles W McIntosh as Instructor Industrial Education March 16 to June 15, 1951 at the rate of \$900 Term BH30

Horst Merbt as Research Fellow Civil Engineering St Anthony Falls Laboratory April 1 to June 30, 1951 at \$1,275 Term CT (\$5,100 A rate)

Davitt A Felder continuation of appointment as Research Fellow Surgery Research Funds March 1 to June 30, 1951 at \$1,000 Term CHT76 (\$3,960 A rate)

Allan L Ferrin as Research Fellow Surgery Research Funds January 1 to June 30, 1951 at the rate of \$2,970 Term AHT75 (\$3,960 A rate)

Roland J Hildreth as Research Fellow Psychology Graduate School Research Funds February 16 to June 30, 1951 at \$371 Term CHT25 (\$3,960 A rate)

Mary L Rice as Teaching Assistant English February 16 to March 15, 1951 at \$224 Term C

David Schafer as Teaching Assistant English March 16 to June 15, 1951 at the rate of \$1,008 Term BH50

James D Holton as Teaching Assistant Art April 1 to June 15, 1951 at the rate of \$504 Term BH25

Donna M Kaplan as Teaching Assistant Art April 1 to June 15, 1951 at \$140 Term CH25

David Premack as Teaching Assistant Psychology for the spring quarter of 1950-51 at \$168 Term CH25

Walter L Mann continuation of appointment as Teaching Assistant Speech for the spring quarter of 1950-51 at \$336 Term CH50

Julian J Idzorek as Teaching Assistant Civil Engineering March 16 to June 15, 1951 at the rate of \$1,008 Term BH50

Harris H Bird continuation of appointment as Teaching Assistant Bacteriology and Immunology March 16 to June 15, 1951 at the rate of \$504 Term BH25

Irving A Borkon as Teaching Assistant Bacteriology and Immunology Extension Classes March 16 to June 15, 1951 at the rate of \$504 Term BH25

James F Feilzer as Teaching Assistant Bacteriology and Immunology Extension Classes for the spring quarter of 1950-51 at \$168 Term CH25

\$20,640.00, Office of Naval Research, by Dr. Ancel Keys, Laboratory of Physiological Hygiene, for investigation of obesity and its relation to fitness and the nutritional state

\$19,500.00, Office of Naval Research, by Dr. H. B. Steinbach, Zoology, for renewal of contract Nonr-24900

\$11,975.00, Office of Naval Research, by Dr. Ernst Gellhorn, Physiology for renewal of contract N6ori-161, Task Order II

\$5,979.00, Office of Naval Research, by Dr. Nelson T. Spratt, Zoology, for research on metabolic basis of differentiation and the interrelation of mechanical and chemical factors in cell behavior

To the United States Army:

\$104,743.00, Air Materiel Command, by Professor J. D. Akerman, Aeronautical Engineering, for research on application of pulse starting procedure to a flying ram-jet supersonic vehicle

\$55,877.00, Air Materiel Command, by Professor J. D. Akerman, Aeronautical Engineering, for investigation of glow discharge in actual turbulent flow

\$43,541.00, Air Materiel Command, by Professor J. D. Akerman, Aeronautical Engineering, for extension of contract AF 33(038)-10673

\$20,464.13, Ordnance Corps, by Professor R. E. Dowdell, Metallurgy, for fundamental investigation of plastic deformation and fracture of metals at high rates of loading

\$19,255.10, Air Materiel Command, by Dr. Ralph F. Berdie, Dean of Students Office, for follow-up evaluation of battery of psychological tests

\$16,510.00, Ordnance Corps, by Dr. W. E. Parham, Organic Chemistry, for research on effect of chemical structure of organic compounds on their physical properties

\$15,927.00, Chicago Ordnance District, by Professor J. D. Akerman, Aeronautical Engineering, for research on ram-jet diffuser Reynolds Number Correlation

\$14,988.22, Air Materiel Command, by Dr. Berry Campbell, Anatomy, for biological research

\$13,638.00, Chemical Corps, by Dr. E. C. Stakman, Plant Pathology and Botany, for continuation of contract No. W-18-064-CM-231

\$12,000.00, Chemical Corps, by Dr. A. G. Richards, Entomology and Economic Zoology, for continuation of research on structure and permeability of insect cuticle

\$10,000.00, Quartermaster Food and Container Institute, by Dr. W. F. Geddes, Agricultural Biochemistry, for studies on factors influencing the storage life of various types and grades of wheat flours

\$5,093.00, Army Medical Department, by Drs. Dennis W. Watson and W. J. Cromartie, Bacteriology and Immunology, for continuation of research on immune mechanisms in typhoid fever

Ovidio J Mira as Teaching Assistant Bacteriology and Immunology March 16 to June 15, 1951 at the rate of \$504 Term BHX25

George W Hinshaw as Teaching Assistant Law School February 1 to June 15, 1951 at the rate of \$672 Term BH33

Jorgen S Thompson as Teaching Assistant General Education April 9 to June 15, 1951 at the rate of \$1,008 Term BH50

Judith P Bieber as Teaching Assistant Physical Education and Athletics April 1 to June 15, 1951 at the rate of \$504 Term BH25

John S White as Teaching Assistant School of Business Administration March 16 to June 15, 1951 at the rate of \$672 Term BH33

Howard Ellinwood as Teaching Assistant General College March 16 to June 15, 1951 at the rate of \$504 Term BHT25

Lewis J Downing as Research Assistant Agricultural Economics and Experiment Station Funds March 16 to June 30, 1951 at the rate of \$1,344 Term AH50

Mary R Bonwell as Research Assistant Rural Sociology Experiment Station Funds February 16 to June 15, 1951 at \$448 Term CHT50

Ruth S Cragg as Research Assistant Rural Sociology Experiment Station Funds March 1 to June 15, 1951 at \$392 Term CHT50

Arthur J Meuwissen continuation of appointment as Research Assistant Bureau of Educational Research for the spring quarter of 1950-51 at \$336 Term CH50

Forrest L Erlandson continuation of appointment as Research Assistant Bureau of Institutional Research Graduate School Research Funds for the spring quarter of 1950-51 at \$224 Term CH33

Som N Nayyar as Research Assistant Physiological Chemistry Graduate School Research Funds March 1 to June 30, 1951 at the rate of \$1,344 Term AH50

Sophie Oleksa as Research Assistant Physics Research Funds March 16 to May 31, 1951 at \$325 Term CHT58

Velv W Greene as Research Assistant Dairy Husbandry Research Funds March 1 to June 30, 1951 at the rate of \$1,344 Term AHT50

John F Tuite as Research Assistant Plant Pathology and Botany Research Funds March 1 to June 30, 1951 at the rate of \$1,344 Term AHT50

Lyman C Miles as Administrative Fellow Audio-Visual Education Service March 16 to June 15, 1951 at the rate of \$1,008 Term BH50

Murray G Atnikov as Medical Fellow Surgery March 12 to June 30, 1951 at the rate of \$1,500 Term A

Lois A Day continuation of appointment as Medical Fellow Surgery April 1 to June 30, 1951 at the rate of \$1,500 Term A

Clayton H Klakeg as Medical Fellow Medicine Mayo Foundation for three years beginning March 1, 1951 at the rate of \$1,110 Term A

Erkki A Leppo as Medical Fellow Pediatrics Mayo Foundation for three years beginning February 1, 1951 at the rate of \$1,110 Term A

Robert P Stevens as Medical Fellow Medicine Mayo Foundation for three years beginning March 1, 1951 at the rate of \$1,110 Term A

David A White as Non-service Fellow Reserve Mining Tacornite Fellowship February 1 to June 15, 1951 at the rate of \$1,000 Term B

Floyd H Bellin, Jr as Goodhue County Club Agent Agricultural Extension Service April 1 to June 30, 1951 at the rate of \$3,350 (\$3,200 University \$150 County) Term AH96

Adaline H Snellman Continuation of appointment as Home Agent at Large Agricultural Extension Service March 16 to June 30, 1951 at the rate of \$4,400 Term A

Lawrence A Larson as Communications Engineer Radio Broadcasting April 1 to June 30, 1951 at the rate of \$3,480 Term AT

John F Kachmar as Associate Scientist Obstetrics and Gynecology Research Funds February 1 to June 30, 1951 at the rate of \$4,476 Term AT

Frederick J Pusch as Assistant Scientist Hormel Institute March 1 to June 30, 1951 at the rate of \$3,600 Term AT

June H Jensen as Secretary Office of the Vice President Business Administration March 1 to June 30, 1951 at the rate of \$2,028 Term A

Evelyn Yagu as Senior Clerk Comptroller February 13 to June 30, 1951 at the rate of \$2,028 Term A

Lois E Lindstrom as Clerk Dean of Students Student Activities Bureau March 5 to June 30, 1951 at the rate of \$1,680 Term A

Joan M Obernolte as Secretary Dean of Students Disciplinary Counseling February 16 to June 30, 1951 at the rate of \$2,028 Term A

Eileen K Shapiro as Clerk-Typist Dean of Students Student Activities Bureau February 19 to June 30, 1951 at the rate of \$1,680 Term A

Blanche M Baklaich as Senior Tabulating Equipment Operator Admissions and Records March 7 to June 30, 1951 at the rate of \$2,664 Term AX

Marjorie A Hutchinson as Secretary Office of Civil Service Personnel February 16 to June 30, 1951 at the rate of \$2,028 Term A

Maxine S J Brown as Clerk-Typist Alumni Relations March 1 to June 30, 1951 at the rate of \$1,680 Term A

Janet A Kampstad as Clerk-Typist Alumni Relations April 2 to June 30, 1951 at the rate of \$1,680 Term A

Homer L Brooks as Stores Clerk General Storehouse March 6 to June 30, 1951 at the rate of \$1,680 Term AT

Clarence Dubuque as Truck Driver General Storehouse March 19 to June 30, 1951 at the rate of \$2,148 Term AX

Robbin P Claybourne as Senior Clerk Library March 19 to June 30, 1951 at the rate of \$2,028 Term A

Jacqueline M Falk as Secretary Museum of Natural History April 1 to June 30, 1951 at the rate of \$2,028 Term A

Anne F Carlson as Secretary Protection and Investigation April 1 to June 30, 1951 at the rate of \$2,028 Term AT

Margaret Zaragoza as Clerk-Typist Administration College of Science Literature and the Arts March 12 to June 30, 1951 at the rate of \$1,680 Term A

Arthur L Walters as Clerk-Typist German February 14 to June 30, 1951 at the rate of \$1,680 Term A

Alvin Anderson as General Mechanic Physics February 27 to June 30, 1951 at \$900 Term CT (\$2,628 A rate)

John Simon as General Mechanic Physics February 19 to June 30, 1951 at the rate of \$2,628 Term AT

Margaret Harris as Laboratory Technologist School of Veterinary Medicine March 1 to June 30, 1951 at the rate of \$2,688 Term A

Wallace C Pryor as Laborer Dairy Husbandry Experiment Station Funds February 7 to June 30, 1951 at the rate of \$2,028 Term AT

Betty L Sandell as Dental Clinic Attendant School of Dentistry February 26 to June 30, 1951 at \$642 Term C (\$1,848 A rate)

Cynthia M Westbrooks as Laboratory Attendant School of Dentistry February 20 to June 30, 1951 at the rate of \$1,680 Term A

Wallace R Frost as Senior Laboratory Animal Attendant Physiological Chemistry Graduate School Research Funds February 13 to June 30, 1951 at \$807 Term CT (\$2,088 A rate)

Mary E Peterson as Clerk-Typist School of Business Administration March 1 to June 30, 1951 at the rate of \$1,680 Term A

Helen J Wilkinson as Clerk Library Duluth Branch March 1 to June 30, 1951 at the rate of \$1,680 Term A

Mary B Rohe as Telephone Operator Physical Education and Athletics for Men April 1 to June 30, 1951 at the rate of \$1,992 Term A

Shirley D Johnson as Senior Clerk-Typist Administration Extension Division March 6 to June 30, 1951 at the rate of \$2,028 Term A

Roberta L Perry as Clerk-Typist Audio-Visual Extension Service February 19 to June 30, 1951 at the rate of \$1,680 Term A

Katherine R Keech as Clerk Physical Plant February 16 to June 30, 1951 at the rate of \$1,680 Term A

Mary M Brennen as Clerk Physical Plant February 16 to June 30, 1951 at the rate of \$1,680 Term A

Alvin M Rausch as Senior Custodial Supervisor Physical Plant February 26 to June 30, 1951 at the rate of \$2,928 Term A

Grover Beardsley as Fireman Physical Plant February 16 to June 30, 1951 at the rate of \$2,664 Term A

Cecille M Cameron as Senior Dietitian Cafeteria Duluth Branch March 12 to June 30, 1951 at the rate of \$3,408 Term A

Gwendolyn N Schroeder as Clerk-Typist Coffman Memorial Union March 26 to June 30, 1951 at the rate of \$1,680 Term A

Margaret F Schneider as Clerk-Typist Students Health Service February 19 to June 30, 1951 at the rate of \$1,680 Term A

Dana Young as Clerk-Typist University Press March 26 to June 30, 1951 at the rate of \$1,680 Term A

Melva M Berndt as Printing Assistant Mimeograph and Bulletins February 19 to June 30, 1951 at the rate of \$2,148 Term A

Shirley E Eylar as Clerk-Typist Mimeograph and Bulletins April 1 to June 30, 1951 at the rate of \$1,680 Term A

Bruce A Poulsen as Senior Clerk Student Organizations Finance Office March 12 to June 30, 1951 at the rate of \$2,028 Term AT

Lenore E Sausser as Laboratory Technician Physics Research Funds March 5 to May 31, 1951 at \$477 Term CT (\$1,968 A rate)

Ethel M Seliga as Secretary Physiological Chemistry Research Funds March 2 to June 30, 1951 at the rate of \$2,028 Term AT

Marilyn J A Risdal as Laboratory Technologist Obstetrics and Gynecology Research Funds March 5 to June 30, 1951 at the rate of \$2,688 Term AT

Cecilia J Vogelsang as Laboratory Technician Physiology Research Funds March 7 to June 30, 1951 at \$626 Term CT (\$1,968 A rate)

Donna L Denboer as Laboratory Technologist American Cancer Society February 20 to June 30, 1951 at \$492 Term CHT50 (\$2,688 A rate)

Margaret I Horsnell continuation of appointment as Laboratory Technician Pathology Research Funds April 1 to June 30, 1951 at \$510 Term CT (\$2,040 A rate)

Jeul Eide as Student Technologist Supervisor University of Minnesota Hospitals March 5 to June 30, 1951 at the rate of \$2,868 plus laundry Term A

Marcia Elg as Clerk-Typist University of Minnesota Hospitals March 1 to June 30, 1951 at the rate of \$1,740 Term A

Ardelle Fish as Junior Scientist University of Minnesota Hospitals March 19 to June 30, 1951 at the rate of \$2,868 plus laundry Term A

Rose M Smith as Senior Dietitian Variety Heart Hospital March 1 to June 30, 1951 at the rate of \$2,640 plus maintenance Term A

Joseph A Callan and Barbara Ure as recipients of LaVerne Noyes Scholarships of \$90.35 each for the spring quarter of 1950-51 College of Medical Sciences

The following as recipients of LaVerne Scholarships of \$88.35 each for the spring quarter of 1950-51

Gordon R Antelman	Institute of Technology
Phillip G Nelson	Zoology
M Ann Reece	College of Education
Doris E Walsh	College of Education

Jean M Magney and Lillian L Pierce as recipients of LaVerne Noyes Scholarships of \$55.35 each for the spring quarter of 1950-51 College of Medical Sciences

Robert L Wortz as recipient of a LaVerne Noyes Scholarship of \$53.35 for the spring quarter of 1950-51 College of Pharmacy

Donald D Lenhart as recipient of a LaVerne Noyes Scholarship of \$48.85 for the spring quarter of 1950-51 Mechanical Engineering and School of Business Administration

Dorothy E Hagman as recipient of a LaVerne Noyes Scholarship of \$48.35 for the spring quarter of 1950-51 English

The following as recipients of LaVerne Noyes Scholarships of \$43.35 each for the spring quarter of 1950-51

Janet M Dillan	College of Education
Lloyd W Goerke	College of Science Literature and the Arts
Kathryn R Hammer	College of Pharmacy
Sharon L Hill	School of Nursing
Arild U Johansen	Agricultural Education
Mary E Kurpius	School of Nursing
Frances E Larson	College of Science Literature and the Arts
Marilyn J Lindberg	College of Education
Carol J Lindstrom	School of Public Health
Sybil E Lunn	College of Science Literature and the Arts
Marcia L Mangney	School of Home Economics
Joan A Markley	College of Education
Glenn D Mattson	College of Science Literature and the Arts
Lois L McNerney	College of Education
Paul G Moe	College of Science Literature and the Arts
Rhoda Nicholson	College of Science Literature and the Arts
Allen R Oppegard	School of Journalism
Audrey A Sanford	Zoology
Lenore Y Sliter	College of Science Literature and the Arts
Patricia J Steele	College of Education
Delores R Stephenson	College of Science Literature and the Arts
Nancy J Walsh	College of Education
Betty M Wotruba	College of Education

Marian L Eliason as recipient of a LaVerne Noyes Scholarship of \$42 for the spring quarter of 1950-51 Occupational Therapy

Shirley M Knecht as recipient of a LaVerne Noyes Scholarship of \$40 for the spring quarter of 1950-51 School of Nursing

Helen L Bakke and Muriel A Bloomdahl as recipients of LaVerne Noyes Scholarships of \$30 each for the spring quarter of 1950-51 School of Nursing

Marlys J Munson as recipient of a Caleb Dorr Special Achievement Award Scholarship of \$75 for 1950-51 College of Agriculture Forestry Home Economics and Veterinary Medicine

Theodora E Steege as recipient of a Caleb Dorr Special Achievement Award Scholarship of \$50 for 1950-51 College of Agriculture Forestry Home Economics and Veterinary Medicine

Virginia A Lee and Isabelle Roy as recipients of Minnesota Indian Youth Scholarships of \$60 each for the winter term of 1950-51 School of Agriculture

Truman A Dahl and Eugene B Hook as recipients of Sears-Roebuck and Company Agricultural Freshman Scholarships of \$100 each for 1950-51 College of Agriculture Forestry Home Economics and Veterinary Medicine

The following as recipients of Sears-Roebuck and Company Scholarships for the winter term of 1950-51 North Central School and Experiment Station

Allan Bradshaw	\$30
Jerrold Colvin	25
Paul E Grife	30
Robert E Vedaa	40

Bonnie M Anderson as recipient of a Social Service Council Scholarship of \$50 for the spring quarter of 1950-51 College of Education

Byron W Brown, Jr as recipient of a Social Service Council Scholarship of \$150 March 1 to December 31, 1951 Mathematics

Donna Danculovich as recipient of a Social Service Council Scholarship of \$75 for the spring quarter of 1950-51 Sociology

Astrid Knutson as recipient of a Social Service Council Scholarship of \$100 March 15 to August 31, 1951 College of Education

Elizabeth B Mead as recipient of a Social Service Council Scholarship of \$75 for the spring quarter of 1950-51 School of Nursing

Theodore E Steege as recipient of a Social Service Council Scholarship of \$100 for the spring quarter of 1950-51 Home Economics Education

Ramon Firnstahl as recipient of a Social Service Council Scholarship of \$100 for the spring quarter of 1950-51 College of Education

Donna M Johnstone as recipient of a University Bookstore Scholarship of \$75 for the spring quarter of 1950-51 Occupational Therapy

Reimert T Ravenholt as recipient of a University Bookstore Scholarship of \$150 for the spring quarter of 1950-51 College of Medical Sciences

Regina L Spencer as recipient of a University Bookstore Scholarship of \$150 March 15 to August 31, 1951 Occupational Therapy

Duane F Witt as recipient of a University Bookstore Scholarship of \$150 February 15 to June 30, 1951 Physical Therapy

Rezneat Darnell as recipient of a Tozer Foundation Scholarship of \$200 February 27 to June 30, 1951 Zoology

James W Davis as recipient of a Tozer Foundation Graduate Scholarship of \$200 February 15 to December 15, 1951 Political Science

Ellen Y Okagaki as recipient of a Tozer Foundation Graduate Scholarship of \$150 for the spring quarter of 1950-51 College of Education

Charles R Fisher Minnesota Alumni Scholarship recipient to receive \$50 additional for 1950-51 College of Science Literature and the Arts

Grete L Galsgaard as recipient of an Alpha Xi Delta Alumnae Association Scholarship of \$50 March 1 to August 31, 1951 Sociology

Harris R Hauge as recipient of a Lura C Hutchinson Scholarship of \$60 for the spring quarter of 1950-51 Graduate School

James D Holton as recipient of an E E Nicholson Scholarship of \$150 February 15 to June 30, 1951 Art Education

Ik-Whan In as recipient of a Julia Marshall Scholarship of \$150 February 15 to June 30, 1951 Political Science

Olympias Kokevi as recipient of a Phi Upsilon Omicron Graduate Scholarship of \$500 for 1950-51 School of Home Economics

Richard G Lareau as recipient of a Law Faculty Scholarship of \$250 March 9, 1951 Law School

Jeanette E Merrick as recipient of a National Secretaries Association Scholarship of \$150 for 1950-51 School of Business Administration

Robert W Rowe as recipient of a Dean E M Freeman Bronze Medal for Student Leadership for 1950-51 College of Agriculture Forestry Home Economics and Veterinary Medicine

Dorothy L Smith as recipient of a Faith Thompson Scholarship of \$150 March 1 to December 20, 1951 College of Education

Voted to approve the following special appointments:

Frank W Hart continuation of appointment as Lecturer Bureau of Field Studies and Surveys March 1 to May 31, 1951 at \$3,000 Term CT (69 years of age)

Wallace Steele as Lecturer and Assistant to Advisory Architect School of Architecture for the spring quarter of 1950-51 at \$900 Term CX (mother Marie E Steele Telephone Operator Physical Plant Term A)

Elizabeth Reichert as Instructor General Studies for the spring quarter of 1950-51 at \$248 Term CHX25 (husband Kurt Reichert Assistant Professor and Chief Psychiatric Social Worker University of Minnesota Hospitals Term A)

Patricia H Emerson as Secretary Sociology March 1 to June 30, 1951 at 98¢ per hour (husband Richard M Emerson student Teaching Assistant Sociology Term BH50)

Lois A Fischer as General Staff Nurse Variety Heart Hospital beginning March 21, 1951 at \$1.22 per hour (uncle Ben R Landis Photographer Photographic Laboratory Term A)

Kermit J Halverson as Senior Laboratory Attendant Anatomy beginning March 16, 1951 at \$174 per month (aunt Gina Wangness Assistant Professor German Term BP)

Jane E Jensen as Secretary School of Business Administration Industrial Relations Center beginning March 6, 1951 at \$169 per month (sister June H Jensen Secretary Office of the Vice President Business Administration Term A)

June P McCartney as Senior Clerk-Typist School of Business Administration beginning April 1, 1951 at \$175 per month (husband Kenneth H McCartney Instructor School of Business Administration Term B)

Ruth V McKee as Clerk Comptroller beginning March 16, 1951 at \$140 per month (mother Alice Harper Senior Clerk Admissions and Records Term A)

Doris M Olson as Laboratory Attendant University Gallery Graduate School Research Funds beginning February 10, 1951 at 81¢ per hour (cousin Angeline L Schultz Clerk Comptroller Term A)

Ruth E Weigel as Hospital Aide University of Minnesota Hospitals beginning February 28, 1951 at \$140 per month (brother-in-law Edwin H Wrench Jr Scientist Aeronautical Engineering Research Funds monthly rate)

Voted to approve the following promotions and transfers:

Paul E Meehl from Associate Professor Psychology at \$6,600 Term B to Associate Professor and Chairman without change in salary rate or term beginning September 16, 1951

Neal R Amundson Associate Professor Chemical Engineering at \$5,800 Term B to continue to serve as Associate Professor and Acting Head without change in salary rate or term February 1 to June 15, 1951

Skuli Rutford Associate Professor and Assistant Director Agricultural Extension Service at \$8,200 Term A to continue to serve as Associate Professor and Acting Director at the rate of \$9,000 Term A January 1 to June 30, 1951

Ralph L Kitchell from Instructor School of Veterinary Medicine at \$5,000 Term A to Associate Professor at the rate of \$6,200 Term A beginning April 1, 1951

John C Slothower Instructor Electrical Engineering at \$2,970 from Term B to Term BX for 1950-51

Bernice Erickson from Senior Statistician School of Public Health at \$3,000 Term A to Instructor at the rate of \$2,970 Term B March 16 to June 15, 1951

Arthur J Adkins from Teaching Assistant General Education at \$504 Term BH25 to Instructor at \$268 Term CH27 for the spring quarter of 1950-51

Neville P Pearson from Administrative Fellow Audio-Visual Education Service at \$1,008 Term BH50 to Instructor General Education at \$168 Term CH34 February 1 to March 15, 1951

Paul H Randolph from Teaching Assistant School of Business Administration at \$672 Term BH33 to Instructor at the rate of \$2,970 Term B March 16 to June 15, 1951

Clell B Hartley from Research Assistant Dairy Husbandry Research Funds at \$2,016 Term AHT75 to Research Fellow at the rate of \$3,168 Term AHT80 April 1 to June 30, 1951

Robert J Swan from Teaching Assistant Administration College of Science Literature and the Arts at \$1,008 Term BHT50 to Teaching Assistant at \$168 for 25% of time and Instructor General Studies at \$248 for 25% time for the spring quarter of 1950-51

Huan-Pao Kuang Research Assistant General Education Graduate School Research Funds at \$504 Term EH25 to receive \$31 for 15% additional time Bureau of Educational Research December 16, 1950 to June 30, 1951

Robert L Koller from Medical Fellow Ophthalmology and Otolaryngology at \$1,500 Term A to Medical Fellow with salary paid directly by Veterans Hospital April 1 to June 30, 1951

Lawrence Szakalun from Medical Fellow University of Minnesota Hospitals at \$750 Term AH50 to Medical Fellow with salary paid directly by Veterans Hospital February 19 to June 30, 1951

Sigurd T Dyrland from Personnel Representative Office of Civil Service Personnel at \$4,080 Term A to Employment Supervisor at the rate of \$4,200 Term A January 1 to June 30, 1951

A Stanley Ross from Personnel Representative Office of Civil Service Personnel at \$3,600 Term A to Position Classification Supervisor at the rate of \$4,332 Term A January 1 to June 30, 1951

Norma Hovden-Senior Librarian Library at \$3,600 Term A to serve as Principal Librarian at the rate of \$3,720 Term AX March 16 to June 30, 1951

John H Erickson from Senior General Mechanic Physics at \$3,408 Term A to Senior Laboratory Machinist at the rate of \$3,528 Term A March 1 to June 30, 1951

Earl S Bergerud from Hubbard County Agricultural Agent Instructor Agricultural Extension Service at \$4,200 (\$3,520 University \$680 County) Term AH84 to Isanti County Agricultural Agent Instructor at the rate of \$4,500 (\$3,520 University \$980 County) Term AH78 May 1 to June 30, 1951

Donald Hasbargen from Goodhue County Club Agent Agricultural Extension Service at \$3,500 Term A to LeSueur County Agricultural Agent Instructor at the rate of \$4,200 (\$3,520 University \$680 County) Term AH84 March 16 to June 30, 1951

George G Roadfeldt from Isanti County Agricultural Agent Assistant Professor Agricultural Extension Service at \$4,600 (\$3,520 University \$1,080 County) Term AH77 to Hennepin County Agricultural Agent Assistant Professor at the rate of \$5,100 (\$3,520 University \$1,580 County) Term AH69 March 1 to June 30, 1951

Arnold Luce Assistant Director Audio-Visual Education Service at \$4,800 Term A to serve 25% of time as Instructor General Education for the spring quarter of 1950-51

Ethel J Miller from Clerk-Typist Dean of Students Student Counseling Bureau at \$1,860 Term A to Senior Clerk-Typist Dean of Students Coordinator of Students Religious Activities at the rate of \$2,028 Term A March 26 to June 30, 1951

Joan L Lundquist Clerk Admissions and Records at \$1,680 from Term AT to Term A March 16 to June 30, 1951

Vivian G Oleyar from Clerk Admissions and Records at \$1,680 Term A to Senior Clerk at the rate of \$2,028 Term A April 1 to June 30, 1951

Jeanne A Olson from Clerk Admissions and Records at \$1,740 Term A to Senior Clerk at the rate of \$2,028 Term AT March 16 to June 30, 1951

Darleen Rahn from Clerk Admissions and Records at \$1,800 Term A to Senior Clerk at the rate of \$2,028 Term AT April 1 to June 30, 1951

Meta Statler from Senior Clerk Admissions and Records at \$2,316 Term A to Principal Clerk at the rate of \$2,568 Term A April 1 to June 30, 1951

Darcia D Willard from Clerk Admissions and Records at \$1,680 Term AT to Senior Clerk at the rate of \$2,028 Term A April 1 to June 30, 1951

Joan Dick from Clerk-Typist Office of Civil Service Personnel at \$1,680 Term AT to Senior Clerk-Typist at the rate of \$2,028 Term AT April 1 to June 30, 1951

Helen Karasawa Principal Clerk Office of Civil Service Personnel at \$2,664 Term A to serve as Personnel Assistant at the rate of \$2,928 Term AX February 5 to March 2, 1951

Dorothy Kylo from Clerk-Typist Office of Civil Service Personnel at \$1,740 Term A to Senior Clerk-Typist at the rate of \$2,028 Term A April 1 to June 30, 1951

Alma G Smith from Clerk-Typist Correspondence Study Instruction at \$1,740 Term A to Clerk-Typist Alumni Relations without change in salary rate or term March 19 to June 30, 1951

Edmund Ake from Creamery Worker Milk and Cream Department at \$2,508 Term A to Storehouse Stock Clerk Chemical Storehouse at the rate of \$2,556 Term AX February 1 to June 30, 1951

William Bunting from Laborer Cold Storage at \$2,244 Term AT to Storehouse Stock Clerk Chemical Storehouse at the rate of \$2,268 Term AX February 13 to June 30, 1951

Helen S Chapman from Clerk-Draftsman Museum of Natural History at \$1,848 Term AT to Artist at the rate of \$2,808 Term A April 1 to June 30, 1951

Dena Kolderie from Secretary Physics at \$2,388 Term A to Senior Secretary Administration College of Science Literature and the Arts at the rate of \$2,568 Term A February 27 to June 30, 1951

Jeanne B Cunningham from Clerk-Typist Music at \$1,680 Term A to Secretary at the rate of \$2,028 Term A March 1 to June 30, 1951

John D York from Laboratory Machinist Physics at \$1,464 (\$2,928 A rate) Term CT January 1 to June 30, 1951 to General Mechanic at \$767 Term CT (\$2,628 A rate) March 16 to June 30, 1951

Rene O Thune from Laboratory Technical Assistant School of Chemistry at \$1,848 Term AX to Storehouse Stock Clerk at the rate of \$2,268 Term A February 16 to June 30, 1951

Josephine Mayer from Clerk-Stenographer Soils at \$1,680 Term A to Senior Clerk-Typist Agricultural Extension Service at the rate of \$2,028 Term A March 16 to June 30, 1951

Harry E Peterson from Assistant Herdsman West Central School and Experiment Station at \$2,568 Term A to Swineherd at the rate of \$1,336 (\$1,352 additional from the United States Department of Agriculture) Term AX February 16 to June 30, 1951

Erwin S Schmitt from Farm Laborer Fruit Breeding Farm at \$1,908 plus house Term A to Assistant Gardener at the rate of \$1,992 plus house Term A March 1 to June 30, 1951

Margaret Giebenhain Laboratory Technologist Obstetrics and Gynecology Research Funds at \$2,688 Term AT to serve as Junior Scientist Obstetrics and Gynecology at the rate of \$2,928 Term AX March 1 to June 30, 1951

Dorothy Sundell from Clerk-Typist Administration College of Education at \$1,740 Term A to Secretary Nursery School at the rate of \$2,028 Term A March 22 to June 30, 1951

Patricia L Nelson from Secretary Music at \$2,028 Term A to Secretary Research and Parental Education without change in salary rate or term March 1 to June 30, 1951

Frances K Thompson from Senior Clerk-Typist Office of Civil Service Personnel at \$2,028 Term A to Senior Clerk-Typist College of Pharmacy without change in salary rate or term February 19 to June 30, 1951

Beverly A Johnson from Clerk-Stenographer Library at \$1,800 Term A to Secretary Library Instruction at the rate of \$2,028 Term A April 1 to June 30, 1951

Barbara J Jensen from Clerk-Typist Library Duluth Branch at \$1,740 Term AT to Clerk-Stenographer Social Studies Duluth Branch without change in salary rate or term March 19 to June 30, 1951

Helen M Brechbiel from Senior Clerk-Typist Audio-Visual Extension Service at \$2,028 Term A to Principal Clerk at the rate of \$2,568 Term A February 16 to June 30, 1951

Louise D Mitchell from Principal Clerk State Organization Service at \$2,568 Term A to Office Supervisor at the rate of \$2,808 Term A February 16 to June 30, 1951

Shirley B Chitwood from Clerk-Typist Admissions and Records at \$1,680 Term A to Clerk-Typist Physical Plant without change in salary rate or term March 12 to June 30, 1951

Waino Koski Laboratory Machinist Physical Plant at \$3,408 Term A to continue to serve as General Mechanic Foreman at the rate of \$3,600 Term AX April 1 to June 30, 1951

Edmund H Van Heel from Fireman Physical Plant at \$2,856 Term A to Operating Engineer at the rate of \$2,928 Term A February 1 to June 30, 1951

Leonard Jacobwith from Utility Man University Farm General Service and Maintenance at \$2,292 Term A to Power Farm Implementation Operator at the rate of \$2,448 Term A March 1 to June 30, 1951

Allison H Christopher from Clerk Mimeograph and Bulletins at \$1,680 Term A to Clerk-Typist without change in salary rate or term February 16 to June 30, 1951

Bonnie E Coffman from Printing Assistant Mimeograph and Bulletins at \$2,220 Term A to Clerk at the rate of \$1,800 Term A February 16 to June 30, 1951

Agnes E Hamilton from Laboratory Technologist Pediatrics Research Funds at \$2,688 Term AT to Junior Scientist at the rate of \$2,928 Term AT February 16 to June 30, 1951

Gretchen L Brown from General Staff Nurse University of Minnesota Hospitals at \$2,214 plus room lunches breakfasts and laundry Term A to Assistant Head Hospital Nurse at the rate of \$2,394 plus room lunches breakfasts and laundry Term A March 5-15, 1951 and to the rate of \$2,454 plus room lunches and breakfasts Term A March 16 to June 30, 1951

Joan M Engebretson from Operating Room Nurse University of Minnesota Hospitals at \$2,760 Term A to Head Hospital Nurse at the rate of \$2,928 Term A March 19 to June 30, 1951

Beatrice C Leonard from Custodial Worker University of Minnesota Hospitals at \$1,680 Term A to Food Service Worker without change in salary rate or term March 12 to June 30, 1951

Roalene Peterson from General Staff Nurse University of Minnesota Hospitals at \$2,736 Term A to Assistant Head Hospital Nurse at the rate of \$2,820 Term A March 12 to June 30, 1951

Marilyn G Vadheim from General Staff Nurse University of Minnesota Hospitals at \$2,580 Term A to Assistant Head Hospital Nurse at the rate of \$2,664 plus laundry Term A February 16 to June 30, 1951

Cora Aase from Assistant Cook University of Minnesota Hospitals at \$1,992 Term A to Cook Variety Heart Hospital at the rate of \$2,208 Term A March 1 to June 30, 1951

Ruth Bratt from Hospital Aide University of Minnesota Hospitals at \$1,920 Term A to Hospital Aide Variety Heart Hospital without change in salary rate or term March 12 to June 30, 1951

Lucille Cramer from Food Service Worker University of Minnesota Hospitals at \$1,980 Term A to Food Service Worker Variety Heart Hospital without change in salary rate or term March 1 to June 30, 1951

Alice Fair from Senior Clinic Nurse University of Minnesota Hospitals at \$3,288 Term A to Senior Clinic Nurse Variety Heart Hospital without change in salary rate or term March 5 to June 30, 1951

Johanne R Fremont from Operating Room Nurse University of Minnesota Hospitals at \$2,952 Term A to General Staff Nurse Variety Heart Hospital at the rate of \$2,832 Term A March 7 to June 30, 1951

Gladys Gabrik from Food Service Worker University of Minnesota Hospitals at \$1,980 Term A to Food Service Worker Variety Heart Hospital without change in salary rate or term March 1 to June 30, 1951

Sophie Hawes from Food Service Worker University of Minnesota Hospitals at \$1,980 Term A to Food Service Worker Variety Heart Hospital without change in salary rate or term March 1 to June 30, 1951

Yuki Hayashi from Assistant Head Hospital Nurse University of Minnesota Hospitals at \$2,664 plus laundry Term A to Head Hospital Nurse Variety Heart Hospital at the rate of \$2,868 plus laundry Term A March 5 to June 30, 1951

Naomi Krahn from General Staff Nurse University of Minnesota Hospitals at \$2,256 plus maintenance Term A to General Staff Nurse Variety Heart Hospital without change in salary rate or term March 5 to June 30, 1951

Edith Kunneke from General Staff Nurse University of Minnesota Hospitals at \$2,160 plus maintenance Term A to General Staff Nurse Variety Heart Hospital without change in salary rate or term March 5 to June 30, 1951

Shirley Shea from Assistant Night Nursing Supervisor University of Minnesota Hospitals at \$3,156 plus room and laundry Term A to Head Hospital Nurse Variety Heart Hospital at the rate of \$3,036 plus room and laundry Term A March 1 to June 30, 1951

Yvonne Shepard from General Staff Nurse University of Minnesota Hospitals at \$2,580 plus laundry Term A to General Staff Nurse Variety Heart Hospital without change in salary rate or term March 5 to June 30, 1951

Agnes Tussel from General Staff Nurse University of Minnesota Hospitals at \$2,220 plus room dinners lunches and laundry Term A to General Staff Nurse Variety Heart Hospital without change in salary rate or term March 1 to June 30, 1951

Voted to approve the following salary adjustments:

Ruth A Thomas Research Associate School of Public Health Research Funds from \$4,750 Term AT to the rate of \$6,400 Term AT January 1 to June 30, 1951

Philip Neville Lecturer School of Business Administration from \$3,687 Term BH75 to the rate of \$3,048 Term BH62 March 16 to June 15, 1951

Wells J Wright Lecturer School of Business Administration from \$2,421 Term BH60 to the rate of \$3,026 Term BH75 March 16 to June 15, 1951

Robert W Cranston Instructor Laboratory of Physiological Hygiene from \$600 Term AHT15 to without salary March 16 to June 30, 1951

Truman A Potter Instructor General Studies from \$2,177 Term BH67 to the rate of \$3,265 Term B March 16 to June 15, 1951

William R Hess Instructor Veterinary Medicine from \$792 Term AH20 to the rate of \$2,156 Term AH54 (\$1,210 additional from Department of Agriculture Bureau of Animal Industry) April 1 to June 30, 1951

Norman O Holte Clinical Instructor School of Dentistry from \$1,485 Term BH5 to the rate of \$1,188 Term BH4 March 16 to June 15, 1951

Constance E Carr Instructor General Education from \$1,485 Term BH50 to the rate of \$2,385 Term BH80 March 16 to June 15, 1951

Harland G Fox Research Fellow School of Business Administration Industrial Relations Center and Graduate School Research Funds at \$1,485 Term BH50 to receive \$495 for 50% additional time School of Business Administration Industrial Relations Center for the spring quarter of 1950-51

George H Zimny Teaching Assistant Psychology from \$504 Term BH25 to the rate of \$1,008 Term BH50 March 16 to June 15, 1951

Charles L Lewis Teaching Assistant General Education from \$672 Term BH33 to the rate of \$1,008 Term BH50 March 16 to June 15, 1951

Josephine Bronczyk Teaching Assistant Physical Education for Women from \$1,008 Term BH50 to the rate of \$504 Term BH25 March 16 to June 15, 1951

Edwy R Tinney Research Assistant Civil Engineering St Anthony Falls Laboratory at \$1,512 Term BHT75 to receive \$168 for 25% additional time for the spring quarter of 1950-51

Niels Rorholm Research Assistant Agricultural Economics Experiment Station Funds at \$672 Term CH33 October 1, 1950 to June 30, 1951 to receive \$261 for 33% additional time March 16 to June 30, 1951

Theodore Grahek Research Assistant Plant Pathology and Botany Experiment Station Funds at \$1,344 Term AHT50 to receive \$168 for 25% additional time April 1 to June 30, 1951

Patrick H Marrone Medical Fellow University of Minnesota Hospitals from \$500 Term AH33 to the rate of \$750 Term AH50 February 19 to June 30, 1951

Erick Rosendahl Foreman Scientific Apparatus Repair Shop from \$3,960 Term A to the rate of \$4,080 Term A January 1 to June 30, 1951

Torstein D Grinager Lake County Agricultural Agent Assistant Professor Agricultural Extension Service from \$4,230 (\$3,460 University \$770 County) Term AH82 to the rate of \$4,590 (\$3,460 University \$1,130 County) Term AH75 March 1 to June 30, 1951

Vernon Hoysler McLeod County Agricultural Agent Assistant Professor Agricultural Extension Service from \$4,890 (\$3,520 University \$1,370 County) Term AH72 to the rate of \$5,000 (\$3,520 University \$1,480 County) Term AH70 January 1 to June 30, 1951

DeLores A Johnson Norman County Home Agent Agricultural Extension Service from \$3,400 (\$3,200 University \$200 County) Term AH94 to the rate of \$3,600 (\$3,200 University \$400 County) Term AH89 January 1 to June 30, 1951

Marian O Larson McLeod County Home Agent Agricultural Extension Service from \$3,067 (\$3,400 A rate; \$3,200 University \$200 County) Term CH94 July 16, 1950 to June 30, 1951 to the rate of \$3,620 (\$3,200 University \$420 County) Term AH88 January 1 to June 30, 1951

Harold E Rosendahl Norman County Agricultural Agent Instructor Agricultural Extension Service from \$4,200 (\$3,520 University \$680 County) Term AH84 to the rate of \$4,400 (\$3,520 University \$880 County) Term AH80 January 1 to June 30, 1951

Mary A McIntyre Assistant Administrative Nursing Supervisor University of Minnesota Hospitals from \$3,240 Term A to the rate of \$3,180 plus laundry Term A June 16-30, 1951

John C Watson Supervisor of X-ray Services University of Minnesota Hospitals from \$4,152 Term A to the rate of \$4,440 Term A February 16 to June 30, 1951

LeRoy D Holm Senior General Mechanic Physics from \$1,512 Term CT (\$3,024 A rate) January 1 to June 30, 1951 to \$1,340 Term CT (\$3,216 A rate) February 1 to June 30, 1951

Louise C Rybak Clerk-Stenographer Pharmacology from \$870 Term AH50 to the rate of \$1,740 Term AT January 1 to June 30, 1951

Helen M Trainor Junior Scientist Medicine Research Funds at \$1,560 Term AHT50 to continue to receive \$780 for 50% additional time January 1 to June 30, 1951

Lorraine F Chapman General Staff Nurse University of Minnesota Hospitals from \$2,274 plus room lunches and laundry Term A to the rate of \$2,334 plus room and lunches Term A March 16 to June 30, 1951

Mary S Cosgrove Senior Dietitian University of Minnesota Hospitals from \$2,916 plus dinners lunches and laundry Term A to the rate of \$3,156 plus laundry Term A April 16 to June 30, 1951

Claire M Kelly Operating Room Nurse University of Minnesota Hospitals from \$2,640 plus room Term A to the rate of \$2,760 Term A April 1 to June 30, 1951

Jean Kennedy General Staff Nurse University of Minnesota Hospitals from \$2,400 plus room breakfasts and laundry Term A to the rate of \$2,310 plus room dinners and laundry Term A April 1 to June 30, 1951

Voted to approve the following leaves of absence :

Ancel Keys Professor and Director School of Public Health Laboratory of Physiological Hygiene sabbatical furlough for 1951-52 to study certain health problems and arrange for continuing collaboration of these problems between the University of Minnesota and other universities and research groups in England and elsewhere abroad and to write a book

Austin A Dowell Professor Agricultural Economics continuation of leave with salary April 1 to May 31, 1951 on account of illness

Walter W Heller Professor School of Business Administration continuation of half time leave without salary for the spring quarter of 1950-51 for position as special consultant to the Treasury in connection with the forthcoming tax legislation

Ernest H Henrikson Associate Professor of Speech and Assistant Director Speech and Hearing Clinic Dean of Students leave without salary April 1 to June 30, 1951 to serve as instructor in Staff College in the Federal Civil Defense Administration

George W Lundberg Clinical Associate Professor School of Dentistry leave without salary for the spring quarter of 1950-51 for health reasons

Edmund A Nightingale Associate Professor School of Business Administration continuation of one-third time leave without salary for the spring quarter of 1950-51 for special assignment of the Military Traffic Service under Dr Plowman, Washington, D C

Edward E Slettom Rice County Agricultural Agent Assistant Professor Agricultural Extension Service Sabbatical furlough April 30, 1951 to March 20, 1952 for graduate work toward a Master's degree

Richard G Bond Assistant Professor School of Public Health and Public Health Engineer Students Health Service leave with salary February 26 to March 9, 1951 to attend a radiological health training course sponsored by the United States Public Health Service at Cincinnati, Ohio

Elwin R Duncan Assistant Professor Extension Specialist Soils Agricultural Extension Service sabbatical furlough October 1, 1951 to June 15, 1952 for graduate work toward a PhD degree

William Matalamaki Assistant Professor North Central School and Experiment Station leave without salary April 1 to June 15, 1951 to complete work on Master's degree at University of Minnesota

Marvin Yarosh Instructor Mechanical Engineering on half time leave without salary for 1950-51 leave to terminate March 15, 1951

Glenn H Daniels Instructor West Central School and Experiment Station leave without salary April 28 to June 30, 1951 for graduate work at the University of Minnesota

Rollin M Dennistoun Instructor West Central School and Experiment Station leave without salary April 25 to June 30, 1951 for graduate work at the University of Minnesota

Francis C Wingert Instructor West Central School and Experiment Station leave without salary April 25 to June 30, 1951 for graduate work at the University of Minnesota

Janna B Oppegaard Teacher Nursery School continuation of leave without salary for the spring quarter of 1950-51 on account of injury

Thomas E Lynn Medical Fellow Mayo Foundation leave without salary February 15 to June 30, 1951 for military service

Axel A Wiljamaa Student Counselor Bureau of Veterans Affairs leave with salary April 2-13, 1951 for annual military leave

Vernon R Abrahamson Nobles County Club Agent Agricultural Extension Service leave without salary February 17 to June 30, 1951 for military service

Mary Lou Carnes Mille Lacs County Home Agent Agricultural Extension Service leave with salary March 5-24, 1951 on account of illness

Paul W Kunkel Brown County Agricultural Agent Assistant Professor Agricultural Extension Service leave without salary March 28 to September 30, 1951 to accept assignment with Displaced Persons Commission, Frankfort, Germany

Edmund C Lenzmeier Stearns County Agricultural Agent Assistant Professor Agricultural Extension Service leave without salary April 1 to September 30, 1951 to accept assignment with Displaced Persons Commission, Frankfort, Germany

Martha J Myrdal Yellow Medicine County Home Agent Agricultural Extension Service leave with salary March 5-24, 1951 for rest

Howard J Newell Rock County Agricultural Agent Instructor Agricultural Extension Service continuation of leave with salary February 11 to March 3, 1951 on account of illness

Winston E Bergsman Communications Engineer Audio-Visual Education Service leave without salary April 1 to September 17, 1951 for foreign service in connection with the University's contract with Syracuse University (to be paid on miscellaneous payroll)

James W McCarron Assistant to Production Manager of Educational Films Audio-Visual Education Service leave without salary April 1 to September 17, 1951 for foreign service in connection with the University's contract with Syracuse University (to be paid on miscellaneous payroll)

Marilyn Escher Senior Dietitian and Instructor University of Minnesota Hospitals leave without salary March 12 to April 6, 1951 for rest

Orva Baustian Senior Clerk Admissions and Records continuation of leave without salary March 1-31, 1951 on account of illness

Meta Statler Senior Clerk Admissions and Records leave without salary February 20-28, 1951 for extended vacation

Gloria R Wodika Clerk Admissions and Records leave without salary February 16-27, 1951 on account of illness

Gloria S Westrum Clerk Alumni Relations continuation of leave without salary March 3-19, 1951 for marriage

Lucile Hunter Librarian Library leave without salary January 24-31, 1951 on account of illness and death of father

Evelyn McClellan Librarian Library continuation of leave without salary March 1-15, 1951 on account of illness

Harold A Johnson Laboratory Technologist Mines Experiment Station 38% time leave without salary April 1 to June 15, 1951 for study at the University of Minnesota

Bette A Anderson Clerk-Typist College of Agriculture Forestry Home Economics and Veterinary Medicine leave without salary February 7-28, 1951 on account of illness

Alice E Pierce Junior Scientist Obstetrics and Gynecology leave without salary March 1 to June 30, 1951 to visit husband in army service

Gloria F Hester Laboratory Technician Pediatrics Research Funds leave without salary January 9-15, 1951 work plans not completed

Claire B Haerden Telephone Operator Physical Plant continuation of leave without salary February 1-28, 1951 on account of illness

Albert C Hahn Building Caretaker Physical Plant continuation of leave without salary February 1 to June 30, 1951 on account of illness

Ruth Mann Custodial Worker Physical Plant leave without salary February 23-28, 1951 on account of illness

Anna T Foley Clerk-Typist Rosemount Research Center leave without salary March 2 to April 27, 1951 on account of injuries

Stanley E Odahlen Laborer Rosemount Research Center continuation of leave without salary March 1-31, 1951 for work as Electrician on miscellaneous payroll

Inga Danielson Custodial Worker Comstock Hall leave without salary March 1 to April 30, 1951 on account of injury

Sylvia G Young Clerk Mimeograph Department continuation of leave without salary February 16 to March 31, 1951 on account of injuries

Marie Field Laundry Worker University Laundry leave without salary March 5 to April 4, 1951 to visit with son home on military leave

Mary P Carlin Senior Clerk-Typist Veterans Counseling Center leave without salary March 26-30, 1951 for trip to Mexico

Evelyn L Brown General Staff Nurse University of Minnesota Hospitals continuation of leave without salary March 1-31, 1951 on account of illness

Helen Carter Hospital Aide University of Minnesota Hospitals leave without salary March 21-30, 1951 on account of illness

Cluda Lamoria Food Service Worker University of Minnesota Hospitals continuation of half time leave without salary February 16-23, 1951 and leave without salary February 26 to May 4, 1951 on account of illness

Claire Mueller Operating Room Nurse University of Minnesota Hospitals leave without salary March 26-31, 1951 for marriage

Lorna Paul Head Hospital Nurse University of Minnesota Hospitals leave without salary February 21 to March 2, 1951 on account of illness

Jannie B Pendleton Custodial Worker University of Minnesota Hospitals leave without salary March 2-15, 1951 on account of death of grandmother

Geraldine Rueckert Food Service Worker University of Minnesota Hospitals leave without salary March 16-31, 1951 on account of illness

Voted to approve list of candidates for degrees (March 22, 1951) as recommended by the faculties and certified by the Dean of Admissions and Records, filed supplement to the minutes, page 5948.

Voted on recommendation of Dr. W. L. Boyd, Dean Henry Schmitz, Dean C. H. Bailey (filed supplement to the minutes, page 5949) and the President, to establish the degree of Doctor of Veterinary Medicine, to be granted on completion of six years of college work in Veterinary Medicine, two years of which are preprofessional, and four years of professional work.

Voted to approve revision of the Applied Mortuary Science curriculum in the General Extension Division to a two-year basis and to authorize the granting of the appropriate degree of Associate in Mortuary Science (recommendation filed supplement to the minutes, page 5950) both with the understanding that the changes involved shall constitute no additional claim upon the support funds of the University.

Voted to approve the establishment of the following fees:

General Extension Division, Graduate Engineering Extension program, \$10.00 per quarter-credit hour, effective April 2, 1951.
Science, Literature, and the Arts, Physics, \$2.00 per quarter, effective fall quarter, 1951:

Physics 50 General Physics
Physics 120 Atomic Physics
Physics 121 Experimental Nuclear Physics I
Physics 122 Experimental Nuclear Physics II
Physics 148 Application of Electronic Circuits

Science, Literature, and the Arts, Art, effective spring quarter, 1951:

Art 20a, 21a, 22a, Drawing and Painting 1, \$2.00 per quarter

Science, Literature, and the Arts, Art, effective fall quarter, 1951:

Art 133, 134, 135—The Art of the Film, \$15.00 per quarter

Science, Literature, and the Arts, Art, effective fall quarter, 1951, change numbering only:

Art 87—Textile Design, Weaving—renumbered Art 33

Art 88—Textile Design, Weaving—renumbered Art 34

Art 97—Textile Design, Print Processes—renumbered Art 43

Voted to approve the following changes in fees :

Science, Literature, and the Arts, Art, effective fall quarter, 1951 ; from \$2.00 per quarter to \$3.00 per quarter :

Art 30, 31—Drawing and Design I (formerly numbered 20, 21)

Art 23a, 24a, 25a—Drawing and Design I (formerly numbered 20a, 21a, 22a)

Art 50, 51, 52—Pictorial Design

Art 60, 61, 62—Drawing and Painting II

Art 60a, 61a, 62a—Drawing and Painting II

Art 70, 71, 72—Drawing and Painting III

Art 110, 111, 112—Advanced Drawing

Art 150, 151, 152—Problems in Painting

Art 200, 201, 202—Advanced Problems in Studio Work

From \$2.00 per quarter to \$5.00 per quarter :

Art 40, 41, 42—Sculpture I

Art 80, 81, 82—Sculpture II

Art 180, 181, 182—Problems in Sculpture

Voted to grant permission to Professors Charles L. Critchfield, Edward P. Ney, and John H. Williams of the Department of Physics, College of Science, Literature, and the Arts, to serve as consultants to the Office of Naval Research, United States Navy.

Voted to grant permission to Professor Robert T. Jones of the School of Architecture, Institute of Technology, to serve as consulting architect for the building of an entirely new town at Babbitt, Minnesota, by the Reserve Mining Company.

For the information of the Board the President reported the following committee appointments of staff members :

Dean E. G. Williamson, Dean of Students and Professor of Psychology, chairman of a Committee of Consultants to the Advise-ment and Guidance Service of the Veterans Administration

Academic Vice President Malcolm M. Willey, member of a permanent advisory committee created by General Lewis B. Hershey to advise on matters pertaining to Selective Service, particularly in relation to problems of manpower training.

Voted to approve increase in dues of the Association of American Law Schools from \$85 to \$100.

Voted to approve the establishment of a change fund in the amount of \$15 for use in the operation of the Comstock Hall Candy Den.

The Business Vice President reported for the information of the Board receipt of the following patent document:

Assignment of application for patent of William S. Howell and John V. Irwin, Serial No. 214,668, apparatus for speech instruction, filed supplement to the minutes, page 5951.

Voted on recommendation of the Civil Service Committee and the President to approve the establishment of the following class:

Class 1730, Physical Plant Procurement Officer, salary range No. 17, \$290-\$340 adjusted, effective April 1, 1951

Voted on recommendation of the Civil Service Committee and the President to approve the following class specifications, filed supplement to the minutes, page 5952.

Class 1730, Physical Plant Procurement Officer

Voted on recommendation of the Civil Service Committee and the President to approve the following change in rate:

Class 8828, Business Manager of Athletics, from salary range No. 25, \$406-\$466 adjusted, to No. 27, \$436-\$496 adjusted, effective January 1, 1951

Voted to approve the following memorandums of agreement:

With the School Districts of Stillwater, Winnebago, and Mountain Lake, covering teacher training in the field of Home Economics, filed supplement to the minutes, page 5953.

Renewal of memorandum of agreement with the Department of Agriculture, Dairy and Food, State of Minnesota, covering potato disease investigations, filed supplement to the minutes, page 5954.

Voted to approve the following contracts with the United States Government:

Sverdrup and Parcel, Inc. (prime contract United States Air Force, contract No. AF 33(038)-9928, Change Order No. 1, increase in amount and extension of time, and Change Order No. 2, increase in amount and extension of time, filed supplement to the minutes, page 5955.

No. AF 33(038)-5131, Supplement No. 3, Air Materiel Command rate of overhead and compressor use charge, filed supplement to the minutes, page 5956.

No. AF 33(038)-12918, Supplemental Agreement No. 1, Air Materiel Command, filed supplement to the minutes, page 5957.

No. AF 33(038)-7077, Change Order No. 2, Air Materiel Command, overhead rate and compressor use charge, filed supplement to the minutes, page 5958.

No. AF 33(038)-18903, Air Materiel Command, Dr. B. J. Lazan, transferred from Syracuse University, filed supplement to the minutes, page 5959.

No. AF 33(038)-21914, Air Materiel Command, Dr. Ancel Keys, filed supplement to the minutes, page 5960.

No. N161s-21413, United States Naval Academy, tuition and fees for eight Naval officers, June 15, 1951 to September 1, 1951, filed supplement to the minutes, page 5961.

No. N8onr-66203, Amendment No. 3, Navy, Office of Naval Research, extension of time and increase in amount, filed supplement to the minutes, page 5962.

No. N8onr-66207, Navy, Office of Naval Research, Dr. B. J. Lazan, transferred from Syracuse University, filed supplement to the minutes, page 5963.

No. N8onr-66208, Amendment No. 1, Navy, Office of Naval Research, extension of time and increase in amount, filed supplement to the minutes, page 5964.

No. N8onr-66209, Navy, Office of Naval Research, Dr. Walter O. Lundberg, filed supplement to the minutes, page 5965.

No. V-9035-V-686, Veterans Administration, instruction at Schools of Agriculture, October 3, 1950 to March 30, 1951, filed supplement to the minutes, page 5966.

No. VA-vr-762, Supplement No. 5, Veterans Administration, correspondence courses, filed supplement to the minutes, page 5967.

The President reported on the problem of the accreditation of the School of Veterinary Medicine, which involves certain organization changes.

The Business Vice President reported briefly on the accident to the Williams Arena.

Voted to authorize acceptance of real estate from Mr. Royal D. Alworth, in accordance with Mr. Alworth's letter dated April 5, 1951, filed supplement to the minutes, page 5968.

The Business Vice President reported on the Flax-linen project, including negotiations under way, and including intention to report further to the Board as soon as negotiations are farther along.

The President reported on the Milk Dryer of Dr. Samuel T. Coulter and his consultantship relations with the Maple Island Farms.

The President of the University presented to the Board affidavits on the Weinberg case, filed supplement to the minutes, page 5969.

Voted to approve Outstanding Achievement Awards, in accordance with list, filed supplement to the minutes, page 5970.

Voted to refer to the President, Chairman of the Board, and the Business Vice President, with authority, consummation of contracts covering the St. Paul Campus Library and the College of Education Buildings within the limitation of funds available and an authorization to seek new bids on the Physical Education Building at Duluth and to award contracts within limitations of available funds.

The President having discussed with the Board the change in duties of Mr. Bernard Bierman, voted to give general approval to the plan of semi-retirement, in accordance with memorandum filed supplement to the minutes, page 5971.

The President reported on the House allowances for maintenance, filed supplement to the minutes, page 5972.

Voted to approve the following applications for grants:

\$111,500.00 to the National Foundation for Infantile Paralysis, by Dr. Frederick J. Kottke, Medicine, for training program in physical therapy

\$35,750.00 to the Louis W. and Maude Hill Family Foundation, by Drs. Ivan D. Baronofsky and Ralph E. Smith, for research on catheterization in heart disease, to be carried on at Ancker Hospital, St. Paul

\$27,644.60 to the United States Atomic Energy Commission, by Dr. George E. Moore, Surgery, for studies in methods in instruments in improving the localization of radio-active materials in the body with special reference to the diagnosis of brain tumors

\$16,621.00 to Sverdrup and Parcel, Inc., by Professor John D. Akerman, Aeronautical Engineering, for extension of research under prime contract AF 33(038)-9928

\$14,000.00 to the Louis W. and Maude Hill Family Foundation, by Professors E. D. Monechesi and S. R. Hathaway, for investigation of use of MMPI as to subsequent social adjustment of ninth grade public school children

\$7,481.16 to the National Cancer Institute, United States Public Health Service, by Dr. Margaret S. Taylor, School of Public Health, for continuation of course in cancer nursing and other chronic illnesses

\$6,055.73 to the United States Atomic Energy Commission, by Dr. W. D. Armstrong, Physiological Chemistry, for continuation of Contract AT(11-1)-106

\$5,000.00 to the Geological Society of America, by Professors George A. Thiel and S. S. Goldich, for continuation of the Rock Analysis Laboratory

\$5,000.00 to the United States Public Health Service, by Dr. David F. Mitchell, Dentistry, for improving the present cancer training program

\$4,620.00 to the Minnesota Society for Crippled Children, by Dr. J. L. McKelvey, Obstetrics and Gynecology, for biochemical work in connection with the Rh haptene study

\$2,494.00 to the Minnesota Cancer Society, by Dr. J. L. McKelvey, Obstetrics and Gynecology, for follow-up work on gynecological malignant disease studies

\$1,800.00 to the Lilly Research Laboratories, by Dr. Elizabeth G. Frame, Physiological Chemistry, for an assay of insulin in biological matter

\$1,800.00 to the Kurth Malting Company, by Professor Elvin C. Stakman, Plant Pathology and Botany, for a research fellowship in the field of microbiological problems pertaining to malting of barley

\$6,666.00 to Eli Lilly and Company, by Dr. Roy G. Holly, Obstetrics and Gynecology, for extension of research on iron metabolism and pregnancy anemia

\$500.00 to the Pittsburgh Plate Glass Company, by Dean C. H. Bailey, Department of Agriculture, for study of herbicides effective in control of wild oats

To Mr. F. B. Hubachek, et al., by Dr. D. B. Lawrence, Botany, for establishment of a "Biological Resources Research and Development Fund" from which research equipment could be purchased, and salaries, travel, and publication costs paid

To the United States Navy:

\$86,793.00, Bureau of Aeronautics, by Professor J. D. Akerman, Aeronautical Engineering, for investigations on external stores

\$50,866.00, Office of Naval Research, by Professor J. D. Akerman, Aeronautical Engineering, for studies of new method of obtaining a density profile in supersonic flow near the wall

\$50,000.00, Office of Naval Research, by Dr. B. J. Lazan, Materials Engineering, for study of damping, elasticity, and fatigue properties of materials

\$40,000.00, Office of Naval Research, by Dr. A. O. C. Nier, Physics, for continuation of Contract N5ori-147, Task Order III

\$40,000.00, Office of Naval Research, by Dr. L. G. Straub, Hydraulic Laboratory, extension of hydromechanics projects

\$30,841.49, Office of Naval Research, by Dr. Wilbur Layton, Psychology, for research on differentiation of productive and non-productive scientists

\$29,546.97, Office of Naval Research, by Dr. Wilbur Layton, Psychology, for project entitled "a creative intelligence test for the selection of scientists"

\$27,262.53, Office of Naval Research, by Dr. W. G. Shepherd, Electrical Engineering, for program on electron tube reliability

\$21,755.00, Office of Naval Research, by Dr. R. E. Montonna, Engineering Experiment Station, for research on structure of cellulose

\$20,640.00, Office of Naval Research, by Dr. Ancel Keys, Laboratory of Physiological Hygiene, for investigation of obesity and its relation to fitness and the nutritional state

\$19,500.00, Office of Naval Research, by Dr. H. B. Steinbach, Zoology, for renewal of contract Nonr-24900

\$11,975.00, Office of Naval Research, by Dr. Ernst Gellhorn, Physiology for renewal of contract N6ori-161, Task Order II

\$5,979.00, Office of Naval Research, by Dr. Nelson T. Spratt, Zoology, for research on metabolic basis of differentiation and the interrelation of mechanical and chemical factors in cell behavior

To the United States Army:

\$104,743.00, Air Materiel Command, by Professor J. D. Akerman, Aeronautical Engineering, for research on application of pulse starting procedure to a flying ram-jet supersonic vehicle

\$55,877.00, Air Materiel Command, by Professor J. D. Akerman, Aeronautical Engineering, for investigation of glow discharge in actual turbulent flow

\$43,541.00, Air Materiel Command, by Professor J. D. Akerman, Aeronautical Engineering, for extension of contract AF 33(038)-10673

\$20,464.13, Ordnance Corps, by Professor R. E. Dowdell, Metallurgy, for fundamental investigation of plastic deformation and fracture of metals at high rates of loading

\$19,255.10, Air Materiel Command, by Dr. Ralph F. Berdie, Dean of Students Office, for follow-up evaluation of battery of psychological tests

\$16,510.00, Ordnance Corps, by Dr. W. E. Parham, Organic Chemistry, for research on effect of chemical structure of organic compounds on their physical properties

\$15,927.00, Chicago Ordnance District, by Professor J. D. Akerman, Aeronautical Engineering, for research on ram-jet diffuser Reynolds Number Correlation

\$14,988.22, Air Materiel Command, by Dr. Berry Campbell, Anatomy, for biological research

\$13,638.00, Chemical Corps, by Dr. E. C. Stakman, Plant Pathology and Botany, for continuation of contract No. W-18-064-CM-231

\$12,000.00, Chemical Corps, by Dr. A. G. Richards, Entomology and Economic Zoology, for continuation of research on structure and permeability of insect cuticle

\$10,000.00, Quartermaster Food and Container Institute, by Dr. W. F. Geddes, Agricultural Biochemistry, for studies on factors influencing the storage life of various types and grades of wheat flours

\$5,093.00, Army Medical Department, by Drs. Dennis W. Watson and W. J. Cromartie, Bacteriology and Immunology, for continuation of research on immune mechanisms in typhoid fever

Voted to accept with thanks the offer of a gift reported in the letter dated April 12, 1951, by the Natural History Society of an additional 40-acre tract of land which is the Southeast $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of Section 21, Township 34 North, Anoka County, subject to the terms of the agreement of December 11, 1942, between the University of Minnesota and the Minnesota Academy of Science.

Voted to accept with thanks the following gifts:

Donor	United States Public Health Service
Amount	\$23,490
Fund	United States Public Health Service—Polarographic Studies of Cancer
Donor	United States Public Health Service
Amount	\$22,211
Fund	United States Public Health Service—Research on Mouse Mammary Cancer and Mouse Leukemia
Donor	United States Public Health Service
Amount	\$14,000
Fund	United States Public Health Service—Cardiovascular Teaching
Donor	United States Public Health Service
Amount	\$12,204
Fund	United States Public Health Service—Research on Cortisone
Purpose	For research on effects of Cortisone on experimental endocarditis and genetic differences in ACTH and Cortisone, under the direction of Dr. Maurice B. Visscher, in accordance with correspondence filed supplement to the minutes, page 5973.
Donor	United States Public Health Service
Amount	\$9,609
Fund	United States Public Health Service—Research on Gastric Carcinogenesis
Donor	United States Public Health Service
Amount	\$226
Fund	United States Public Health Service—Training of Psychiatric Nurses
Donor	Louis W. and Maude Hill Family Foundation
Amount	\$35,700
Fund	Louis W. and Maude Hill Family Foundation Research in Heart Disease—Ancker Hospital
Purpose	For support of a three-year research in heart disease program to be conducted at the Ancker Hospital, St. Paul, in accordance with correspondence filed supplement to the minutes, page 5974

Donor Rockefeller Foundation
 Amount \$27,300
 Fund Rockefeller Foundation Research on Human Genetics
 Purpose For research on human genetics at the Dight Institute, under the direction of Dr. Sheldon C. Reed, in accordance with correspondence filed supplement to the minutes, page 5975.

Donor Crippled Child Relief, Inc., through the Greater University Fund
 Amount \$25,000
 Fund Crippled Child Relief, Inc., Rehabilitation Center Therapy Equipment
 Purpose For purchase of equipment for the Occupational Therapy Unit of the Rehabilitation Center in the Mayo Memorial, in accordance with correspondence filed supplement to the minutes, page 5976.

Donor American Heart Association
 Amount \$20,475
 Fund American Heart Association Research on Rheumatic Fever
 Purpose For research on rheumatic fever under the direction of Dr. Robert A. Good, in accordance with correspondence filed supplement to the minutes, page 5977.

Donor Variety Club of the Northwest
 Amount \$25,000 annually
 Fund Variety Heart Hospital
 Purpose For support of the Variety Heart Hospital

Donor American Spice Trade Association
 Amount \$9,325
 Fund American Spice Trade Association Fund

Donors \$6,860.06 Variety Club of the Northwest
 and 452.75 40 donors
 Amounts 403.00 Variety Cafe Employees Good Deed Club
 Fund Heart Hospital Equipment Fund

Donor Corn Products Refining Company
 Amount \$4,500
 Fund Corn Products Refining Company Research
 Purpose For continuation of research, in accordance with memorandum of agreement filed supplement to the minutes, page 5978.

Donors \$2,500 Minnesota Medical Foundation (Norman A. Cook Memorial Fund)
 and 1,500 Minnesota Medical Foundation (Division of Urology)
 Amounts 150 Minnesota Medical Foundation
 267 9 donors
 Fund Malignant Disease Research Fund

Donors and Amounts Fund	\$3,124.94	Mr. Henry Fonda, Mr. Leland Hayward, and Mr. Joshua Logan
	1,000.00	Mr. and Mrs. Joshua Logan
		Thomas Heggen Memorial Book Collection
Donor Amount Fund	\$3,600	Minnesota Mining and Manufacturing Co.
		Minnesota Mining and Manufacturing Company Fellowship
Donor Amount Fund	\$3,300	Carbide and Carbon Chemicals Division, Union Carbide and Carbon Corporation
		Carbide and Carbon Chemicals Corporation Fellowship in Organic Chemistry
Donor Amount Fund	\$2,700	Society for Preservation and Encouragement of Barbershop Quartette Singing in America, through the Greater University Fund
		The Society for Preservation and Encouragement of Barbershop Quartette Singing in America Medical Research Fund
Purpose		For purchase of research equipment in the Variety Heart Hospital, in accordance with correspondence filed supplement to the minutes, page 5979.
Donor Amount Fund Purpose	\$2,000	Bequest in will of Dr. George Douglas Head Mary Elizabeth Head Charity Fund For a fund to buy clothing for needy women and children leaving the Hospitals, in accordance with the terms of the will, filed supplement to the minutes, page 5980.
Donor Amount Fund Purpose	\$1,665.60	Midwest Barley Improvement Association Midwest Barley Improvement Fund For continuation of research, in accordance with memorandum of agreement filed supplement to the minutes, page 5981.
Donor Amount Fund Purpose	\$1,250	The California Company (\$500 tuition, if not to an ex-serviceman whose fees are paid) The California Company Fellowship For a fellowship in the Department of Geology, covering geological research, in accordance with correspondence filed supplement to the minutes, page 5782.

Donor American Cyanamid Company
 Amount \$1,200 to student
 300 (or fees, excluding incidental fees)
 Fund American Cyanamid Company Graduate Fellowship
 Purpose To establish a graduate fellowship in Chemistry, in accordance with memorandum of agreement filed supplement to the minutes, page 5783.

Donor International Baby Chick Association
 Amount \$1,500
 Fund International Baby Chick Association Variant Pullorum Fund
 Purpose For continuation of research, in accordance with memorandum of agreement filed supplement to the minutes, page 5784.

Donor Mr. Ben D. Black, through the Greater University Fund
 Amount \$800
 Fund Appreciation Scholarship Fund

Donor Mr. John Bye
 Amount \$700
 Fund Minnesota Museum Special Collections Fund

Donors \$300 Drs. Swendson, Sturley, and Hayes
 and 260 5 anonymous donors
 Amounts Booth Memorial Hospital
 Fund

Donor The Tennessee Corporation Research Laboratories
 Amount \$500
 Fund Tennessee Corporation Fungicide Fund
 Purpose For continuation of research in accordance with memorandum of agreement filed supplement to the minutes, page 5785.

Donor Anonymous
 Amount \$400
 Fund Keystone Scholarship
 Purpose For a scholarship to be awarded within the next ten years to a sophomore or junior student who is the son of a deceased or disabled veteran of World War II, in accordance with letter filed supplement to the minutes, page 5986.

Donors \$250 Mr. Lawrence Berglund
 and 85 8 donors
 Amounts Heart Disease Research Fund
 Purpose

Donor St. Joseph's Hospital
 Amount \$250
 Fund St. Joseph's Hospital Fellowship in Surgery

Donor	Northern States Power Company
Amount	\$250
Fund	4-H Club Fund
Donors	7 donors
Amount	\$527
Fund	John Torrance Tate Fellowship Fund
Donor	B. H. Ridder, Jr.
Amount	\$100
Fund	Advertising-Marketing Research—Duluth Branch
Purpose	For a fund to be used by the Department of Business and Economics at the Duluth Branch for research purposes, in accordance with correspondence filed supplement to the minutes, page 5987.
Donor	Alpha Alumnae Chapter of Phi Upsilon Omicron
Amount	\$100 (annual gift of \$50 increased to \$100 for 1951-52)
Fund	Phi Upsilon Omicron Scholarship
Donors	\$25 Merrill, Lynch, Pierce, Fenner and Brane
and	25 Mr. K. R. Andresen
Amounts	5 Mr. Magne Smedvik
Fund	Norwegian American Graduate Fellowship Fund
Donor	University Householders' Association, through the
	Greater University Fund
Amount	\$50
Fund	Householders' Student Loan Fund
Donor	Dr. Charles Meyer
Amount	\$50
Fund	William Harvey Emmons Fund
Donors	\$35 Monday Evening Neighborhood Bridge Club
and	10 Home and Garden Section of Faculty Women's
Amounts	Club, through the Greater University Fund
Fund	Virginia Sheffield Tyler Memorial Scholarship
Donors	\$25 Mrs. A. W. Morrison
and	10 Mr. and Mrs. L. S. Strong
Amounts	
Fund	Fred B. Snyder Fund Greater University Fund
Donor	Anne Warburton
Amount	\$15
Fund	Anne Dudley Blitz Loan Fund

Voted to accept with thanks gift, bequest in the will of Harry Collins, of his Japanese Imperial Decoration, Fourth Order of the Rising Sun, and accompanying scroll, to the University Library.

Voted to accept with thanks gift of a No. 2 diamond gang plow and a 20-gallon supply tank for cream separator

from the International Harvester Company, to the Division of Agricultural Engineering.

Voted to approve the report of the Business Vice President to the Chairman of the Executive and Finance Committee, filed supplement to the minutes, page 5988.

Voted to approve transfers of funds Nos. 1513, 1581, 1618, 2009, 2353, and 2378, not previously reported, and No. 2501 to No. 3000.

Voted to approve journal vouchers No. 4789, not previously reported, and No. 10001 to No. 12000 with the exception of No. 10132.

Voted to approve requisitions No. 41530 to No. 44767, \$543,993.30.

Voted to adjourn.

W. T. MIDDLEBROOK, Secretary