

UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS

SPECIAL COMMITTEE TO CONSIDER  
CHANGES IN PURCHASING PROCEDURE

MINUTES

April 8, 1954

A meeting of the Special Committee of the Board of Regents appointed by the Chairman to consider changes in purchasing procedure was held in the Regents' Room, Administration Building, on Thursday, April 8, 1954, at three o'clock.

Present: Regent Lawson, presiding; Regents Bell, Malkerson, Quinlivan, and Skyberg. Others present: President Morrill, Vice Presidents Middlebrook and Willey, Comptroller Lunden, and Purchasing Agent Smith.

The Committee, having under consideration recommendations for changes in purchasing procedure, voted to recommend to the Board of Regents:

1. That the following statement and recommendation relative to purchasing procedure be approved:

- (1) Sealed bids are to be received in purchasing all items estimated to exceed \$400. Bids will be received in sealed envelopes. These envelopes will indicate the bid number, date, and hour of opening.
- (2) As these bids are received in the Mailing Department, the sealed envelopes will be dated with time and turned over to our inquiry file clerk and placed on file, bearing the bid number as shown on the outside of the envelope.
- (3) At the specified hour the sealed envelopes will be taken out of the file and opened publicly by a clerk in the presence of any interested persons.
- (4) The clerk, on opening each bid, will record on the bid folder the name of each company which has submitted a bid. Any of the interested bidders at the time may view them. They will be held in a file, available to these bidders for a period of one-half hour after this public opening, at which time they will be delivered to the respective buyers for their action.

- (5) The fact that a person may not have attended the public opening of these bids would not prevent him from viewing them at a later date (as is the case at the present time) but not until action has been taken by the buyer.
2. That the offices of Business Administration prepare and make available to vendors a bidding procedure manual to include among other things a procedure for appeal from decisions of the Purchasing Department.
3. That experimentally the Purchasing Department advertise their desire and willingness to add to the list of responsible bidders.

Voted to adjourn.

W. T. MIDDLEBROOK, Secretary

UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS  
MINUTES

April 9, 1954

A meeting of the Board of Regents was held in the Regents' Room, Administration Building, on Friday, April 9, 1954, at ten o'clock.

Present: Regent Quinlivan, presiding; Regents Bell, Howard, Lawson, Malkerson, Mayo, Neumeier, Novak, Olson, and Skyberg, and Mr. Morrill.

Voted to approve report of the Special Committee to Consider Changes in Purchasing Procedure as included in the minutes of that Committee under date of April 8, 1954.

Voted to approve minutes of the following meetings:

Board of Regents of September 18, 1953

Board of Regents of October 3, 1953

Voted to approve the following retirements:

Oscar E Nelson Truck Driver University Farm General Service and Maintenance to retire on State Employees Retirement effective April 30, 1954

Margie Cloutier Custodial Worker University of Minnesota Hospitals to retire on State Employees Retirement effective March 11, 1954

Voted to approve the following terminations of employment:

Shukry K Ibrahim Visiting Research Associate Aeronautical Engineering without salary effective at time of appointment March 1, 1954

Philip F Donohue Clinical Instructor Surgery without salary effective December 17, 1953 (deceased)

Lorna J Bruning Instructor School of Dentistry effective March 15, 1954

Dana N Peitersen Research Fellow Bureau of Educational Research effective March 31, 1954

John K Hamilton Research Fellow Agricultural Biochemistry Research Funds effective March 31, 1954

James W Broyles Research Fellow Plant Pathology and Botany Research Funds effective March 20, 1954

Derek Brackman Research Fellow School of Chemistry Research Funds effective April 15, 1954

Harvey S Haglin Wright County Assistant County Agricultural Agent Soil Conservation Agricultural Extension Service effective March 23, 1954

William A Milbrath Hubbard County Assistant County Agricultural Agent Agricultural Extension Service effective February 15, 1954

James L Schofield Stearns County Club Agent Instructor Agricultural Extension Service effective April 9, 1954

Conrad R Appledorn Teaching Assistant Geology and Mineralogy effective March 15, 1954

Allen M Schumeister Teaching Assistant School of Social Work effective March 15, 1954

Jane Sherman Teaching Assistant General Studies effective March 15, 1954

Richard S Taylor Teaching Assistant General Studies effective March 15, 1954

Shirley P Harvey Teaching Assistant School of Home Economics effective March 15, 1954

Ronald M Gabrielson Teaching Assistant Bacteriology and Immunology effective March 15, 1954

John T Kelly Teaching Assistant Bacteriology and Immunology effective March 15, 1954

Lawrence E Dysart Teaching Assistant School of Business Administration effective March 15, 1954

Butler R Eitel Teaching Assistant University Band effective December 15, 1953

John H Longwell, Jr Research Assistant Agronomy and Plant Genetics Experiment Station Funds effective February 28, 1954

Mary E Ryan Research Assistant School of Home Economics Experiment Station Funds effective March 15, 1954

Paul J Garvin, Jr Research Assistant Pharmacology Research Funds effective March 31, 1954

Bernard D Leitner Research Assistant Physics Research Funds effective March 12, 1954

Harry D Holmgren Research Assistant Physics Research Funds effective February 28, 1954

Marylou Reed Administrative Fellow Radio Broadcasting effective March 31, 1954

Paul E Jurgens Dental Fellow School of Dentistry effective March 15, 1954

Peter C Dykstra Medical Fellow Mayo Foundation effective February 28, 1954

Michael P Goodson Medical Fellow Mayo Foundation effective September 30, 1953

Robert G Maxfield Medical Fellow Mayo Foundation effective March 31, 1954

James W McCarron Assistant to Production Manager of Educational Films Audio-Visual Education Service effective July 31, 1953

Jo Ann Rasmussen Senior Clerk Comptroller effective March 23, 1954

Clarice A Pichner Clerk Admissions and Records effective March 8, 1954

Jeanne C Koerner Clerk-Typist Civil Service Personnel effective March 12, 1954

Bernice Erlandson Clerk-Typist Chemical Storehouse effective March 5, 1954

Abigail R Almer Clerk-Typist Library effective April 15, 1954

Carl L Palmquist, Jr Roundsman Protection and Investigation effective March 9, 1954

Ralph W Schutz Patrolman Protection and Investigation effective March 25, 1954

Irene K Larson Senior Clerk-Typist Insurance and Retirement effective February 11, 1954

Alyce D Bachmann as Clerk-Stenographer Administration Institute of Technology effective March 17, 1954

Delores S Herrala Clerk-Stenographer Administration Institute of Technology effective March 15, 1954

Mary E Holt Senior Clerk-Typist School of Home Economics effective March 16, 1954

Patricia A Moore Clerk-Typist Veterinary Science effective March 15, 1954

Elsie M Kingston Principal Food Service Supervisor and Instructor Northwest School and Experiment Station effective February 28, 1954 (deceased February 25, 1954)

Mahlon W James Laborer Animal Husbandry Experiment Station Funds effective February 28, 1954

Judith E Zobava Laboratory Technical Assistant Pathology effective February 26, 1954

J Diane Lockwood Clerk-Typist School of Nursing effective April 2, 1954

Sandra Daskovsky Clerk-Typist Administration College of Education effective March 18, 1954

Inez F Lothrop Senior Clerk-Typist Administration College of Education effective March 23, 1954

Mary A Parker Senior Clerk-Typist School of Business Administration effective March 24, 1954

M Marilyn Eaton Senior Clerk-Typist Humanities Division Duluth Branch effective March 3, 1954

Sarah Hanson Clerk-Typist Humanities Division Duluth Branch effective February 15, 1954

Mary E Trueman Telephone Operator Physical Education and Athletics for Men effective March 25, 1954

Betty M Fearing Clerk Correspondence Study Instruction effective March 5, 1954

Roy E Bendell Concerts and Lectures Adviser Community Program Service effective March 3, 1954

Raymond H Keagle Laboratory Machinist School of Chemistry Research Funds effective February 19, 1954

Cherrie T Carapetyan Junior Scientist Physical Medicine and Rehabilitation Research Funds effective March 8, 1954

Robert J Bouvette Laboratory Technician Psychiatry and Neurology Research Funds effective February 28, 1954 (transferred to miscellaneous payroll)

Julie A Becker Secretary Physical Plant effective March 5, 1954 (transferred to miscellaneous payroll)

John J Cronemiller Fireman Physical Plant effective March 3, 1954

Math Bauer Building Caretaker Physical Plant effective March 19, 1954

Jane Schaefer Clerk-Typist Bureau of Recommendations effective April 23, 1954

Nancy Ann Watzke Senior Clerk University Press effective March 24, 1954

Gladys T Windingstad Clerk Mimeograph Department effective March 3, 1954

Eleanor H Gunderson Clerk Mimeograph and Bulletins effective March 12, 1954

Mildred D Paul Informational Representative Audio-Visual Education Service effective March 30, 1954

Margery G Chapman Secretary Surgery Research Funds effective February 5, 1954

Patricia M Berhow General Staff Nurse University of Minnesota Hospitals effective April 13, 1954

Beverly Burman Assistant Head Hospital Nurse University of Minnesota Hospitals effective January 19, 1954

Betty Jacobsen Secretary University of Minnesota Hospitals effective March 5, 1954 (transferred to miscellaneous payroll)

Jeanne B Madson Senior Clerk-Typist Administration University of Minnesota Hospitals effective March 25, 1954

Doris J Meyer General Staff Nurse University of Minnesota Hospitals effective March 26, 1954 (transferred to miscellaneous payroll)

Juliette Norgren Telephone Operator University of Minnesota Hospitals effective March 3, 1954

Yvette Stein General Staff Nurse University of Minnesota Hospitals effective March 31, 1954

Nancy Toman Assistant Head Hospital Nurse University of Minnesota Hospitals effective April 13, 1954

Nancy Westburg Senior Clerk-Typist University of Minnesota Hospitals effective March 24, 1954

Carol J Schad Senior Occupational Therapist Variety Club Heart Hospital effective April 6, 1954

Michael B Ash recipient of a Junior Achievement of Minneapolis Scholarship effective March 16, 1954

Thomas E St Martin recipient of a Social Service Council Scholarship effective March 16, 1954

Arthur D Slater recipient of a United States Public Health Fellowship School of Social Work effective March 15, 1954

Voted to approve the following appointments:

Ralph E Rapson as Professor and Head School of Architecture beginning September 16, 1954 at the rate of \$11,000 Term B

John R Ellingston as Professor Law School Training Project in Juvenile Control March 1 to June 30, 1954 at \$3,333 Term CT (\$10,000 A rate)

Barbara H Wright as Lecturer General Education April 1 to June 15, 1954 at \$1,000 Term CH50 (\$7,200 B rate)

Albert S Chapman as Lecturer Social Studies Duluth Branch for the spring quarter of 1953-54 at \$1,500 Term CX (\$4,500 B rate)

Dorothy M Burrows as Instructor English for the spring quarter of 1953-54 at \$622 Term CH33 (\$5,595 B rate)

Warren D MacKenzie as Instructor Art for the spring quarter of 1953-54 at \$1,000 Term CHX67 (\$4,500 B rate)

Roswell D Otto continuation of appointment as Instructor Speech and Theater Arts for the spring quarter of 1953-54 at \$795 Term CH67 (\$3,578 B rate)

Mary A Morris as Instructor School of Home Economics March 16 to June 15, 1954 at the rate of \$5,000 Term BT

Margery Low continuation of appointment as Instructor School of Nursing March 1 to June 30, 1954 at \$1,590 Term CT (\$4,770 A rate)

Wendell R Starr as Instructor General Education for the spring quarter of 1953-54 at \$596 Term CH50 (\$3,578 B rate)

Irma A Linse as Instructor School of Business Administration for the spring quarter of 1953-54 at \$895 Term CHT75 (\$3,578 B rate)

Louraine Larson as Instructor Physical Education for Women for the spring quarter of 1953-54 at \$810 Term CHT65 (\$3,740 B rate)

Lorne W Nelson as Research Fellow Mechanical Engineering for the spring quarter of 1953-54 at \$1,267 Term CT (\$3,800 B rate)

Peter A Schoeck as Research Fellow Mechanical Engineering for the spring quarter of 1953-54 at \$900 Term CHT75 (\$3,600 B rate)

Jens Waerhaug as Research Associate School of Dentistry and Research Funds March 1 to June 30, 1954 at \$2,200 Term CT (\$6,600 A rate)

Charles Alstad continuation of appointment as Research Fellow Chemical Engineering Research Funds March 1 to April 15, 1954 at \$464 Term CHT75 (\$4,950 A rate)

Howard C Chandler as Research Fellow Surgery Research Funds April 1 to June 30, 1954 at the rate of \$4,770 Term AT

Carolyn M Gustafson continuation of appointment as Research Fellow Speech and Theater Arts Research Funds March 1 to May 31, 1954 at \$1,200 Term CT (\$4,800 A rate)

Jacques A Waterman as Research Fellow School of Chemistry Research Funds February 16 to June 30, 1954 at the rate of \$3,204 Term AHT76

Vernon L Baldwin as Research Fellow Dairy Husbandry Research Funds February 16 to June 30, 1954 at the rate of \$4,484 Term AHT94 (\$4,770 A rate)

Ralph L Palan as Waseca County Assistant County Agricultural Agent Farm and Home Planning Agricultural Extension Service March 1 to June 30, 1954 at the rate of \$5,800 Term A

Ruth E Westlund as Teaching Assistant Administration College of Science Literature and the Arts February 1 to June 15, 1954 at the rate of \$1,404 Term BHT50

Joan M Mooney as Teaching Assistant English for the spring quarter of 1953-54 at \$312 Term CH33

Jack E Tohtz as Teaching Assistant English for the spring quarter of 1953-54 at \$312 Term CH33

Jerome E Gates as Teaching Assistant Art March 16 to June 15, 1954 at the rate of \$702 Term BHX25

George E McGill as Teaching Assistant Geology March 16 to June 15, 1954 at the rate of \$702 Term BH25

Marvin M Fisher as Teaching Assistant English for the spring quarter of 1953-54 at \$312 Term CH33

Joseph R Ashcraft continuation of appointment as Teaching Assistant Mathematics College of Science Literature and the Arts for the spring quarter of 1953-54 at \$312 Term CHX33

Stanley J Rappoport as Teaching Assistant Mathematics College of Science Literature and the Arts for the spring quarter of 1953-54 at \$312 Term CHX33

Gerald E Anderson as Teaching Assistant General Studies for the spring quarter of 1953-54 at \$468 Term CH50

Douglas R George continuation of appointment as Teaching Assistant General Studies for the spring quarter of 1953-54 at \$234 Term CH25

Carl R Lagergren continuation of appointment as Teaching Assistant Physics for the spring quarter of 1953-54 at \$468 Term CH50

Richard R Stephenson as Teaching Assistant Psychology February 8 to June 15, 1954 at the rate of \$702 Term BH25

Kenji Ozone as Teaching Assistant Zoology for the spring quarter of 1953-54 at \$468 Term CH50

William L Boyd continuation of appointment as Teaching Assistant Bacteriology and Immunology for the spring quarter of 1953-54 at \$468 Term CH50

Armand Eiring as Teaching Assistant for 50% time and as Research Assistant for 25% time Bacteriology and Immunology and Research Funds for the spring quarter of 1953-54 at \$712

John D Ross as Teaching Assistant Bacteriology and Immunology for the spring quarter of 1953-54 at \$468 Term CH50

William Krivit as Teaching Assistant Pediatrics February 1 to June 30, 1954 at \$1,500 Term CHT96

Theodore H Dedolph, Jr as Teaching Assistant School of Dentistry March 16 to June 15, 1954 at the rate of \$1,685 Term BH60

Vernon M Dolphin as Teaching Assistant General College March 16 to June 15, 1954 at the rate of \$702 Term BH25



Lilica A Vassiliades as Teaching Assistant General College for the spring quarter of 1953-54 at \$234 Term CH25

Helen L Peterson continuation of appointment as Teaching Assistant Physical Education for Women for the spring quarter of 1953-54 at \$281 Term CH30

Robert T Bruss as Teaching Assistant Physiology National Fund for Medical Education for the spring quarter of 1953-54 at \$468 Term CH50

Joseph M Russo continuation of appointment as Research Assistant Animal Husbandry Experiment Station Funds for the spring quarter of 1953-54 at \$468 Term CHT50

Elmer A Rutledge continuation of appointment as Research Assistant Animal Husbandry Experiment Station Funds April 1 to June 30, 1954 at \$468 Term CHT50

Jack D Gage as Research Assistant Graduate School Research Funds February 20 to June 30, 1954 at the rate of \$1,872 Term AHT50

Ovidio J Mira continuation of appointment as Research Assistant Bacteriology and Immunology Research Funds March 16 to June 30, 1954 at \$546 Term CHT50

Elliot C Dick continuation of appointment as Research Assistant Bacteriology and Immunology Research Funds April 1 to June 30, 1954 at \$468 Term CHT50

Jurij Melnykowycz continuation of appointment as Research Assistant Bacteriology and Immunology Research Funds April 1 to June 30, 1954 at \$468 Term CHT50

Ollie R Eylar, Jr as Research Assistant Bacteriology and Immunology Research Funds at \$546 Term CHT50 and as Teaching Assistant Bacteriology and Immunology at \$237 Term CHT25 March 1 to June 15, 1954

Orlando R Ruschmeyer as Research Assistant Bacteriology and Immunology Research Funds March 16 to May 26, 1954 at \$369 Term CHT50

Raymond C Read continuation of appointment as Research Assistant Surgery Research Funds March 1 to June 30, 1954 at \$1,211 Term CHT97

Frederick Moo-Young as Research Assistant Pharmacology Research Funds April 1 to June 30, 1954 at \$468 Term CHT50

Michael Marmesh as Research Assistant Veterinary Science Research Funds February 16 to June 30, 1954 at the rate of \$1,498 Term AHT40

Neal A Tuleen as Research Assistant Agronomy and Plant Genetics Research Funds February 8 to June 30, 1954 at the rate of \$1,872 Term AHT50

Alan P Thal continuation of appointment as Research Assistant Surgery Research Funds April 1 to June 30, 1954 at \$908 Term CHT97

Sheldon W Kayute as Research Assistant Bacteriology and Immunology Research Funds March 16 to June 30, 1954 at \$874 Term CHT80

Jose E Molestina continuation of appointment as Medical Fellow Surgery with salary paid directly by Eli Lilly Company Scholarship Fund March 1 to June 30, 1954

Suad A Niazi as Medical Fellow Surgery March 1 to June 30, 1954 at the rate of \$1,950 plus tuition and fees Term AT

William S Ogle as Medical Fellow Surgery April 1 to June 30, 1954 at the rate of \$1,950 plus tuition and fees Term A

Clair W Hall as Medical Fellow Radiology without salary September 28, 1953 to February 28, 1954 and March 1 to June 15, 1954 at \$635 Term CT (\$2,178 A rate)

Frederick J Neher continuation of appointment as Medical Fellow St Josephs Hospital Surgery Research Funds March 1 to June 30, 1954 at \$650 plus tuition and fees Term CT

Charles G Uhley as Medical Fellow Students Health Service January 16 to June 30, 1954 at the rate of \$2,178 Term A

Willard R Peck as Medical Fellow Surgery Research Funds March 1 to June 30, 1954 at the rate of \$2,178 Term AT

Hershel B Cope as Medical Fellow Obstetrics and Gynecology Research Funds February 1 to June 30, 1954 at the rate of \$1,950 plus tuition and fees Term A

Markham J Anderson, Jr as Medical Fellow Proctology Mayo Foundation for three years beginning February 16, 1954 at the rate of \$1,110 Term AH

James J Crumbley, Jr as Medical Fellow Medicine Mayo Foundation April 1, 1954 to June 30, 1955 at the rate of \$1,110 Term AH

William R Dunlop continuation of appointment as Medical Fellow Surgery Mayo Foundation for two years beginning April 16, 1954 at the rate of \$1,110 Term AH

Charles M Johnson as Medical Fellow Urology Mayo Foundation for two years beginning April 1, 1954 at the rate of \$1,110 Term AH

Harris G Bernhisel as Non-service Fellow Psychiatry and Neurology Reserach Funds April 1 to June 30, 1954 at \$1,250 Term CT (\$5,000 A rate)

Jack R Cole as Non-service Fellow Samuel W Melendy Memorial Fellowship College of Pharmacy for 1954-55 at \$1,250 Term B

Gary W Omodt as Non-service Fellow Minnesota State Pharmaceutical Association Fellowship for 1954-55 at \$1,250 Term B

Reba R McIntosh continuation of appointment as Senior Secretary Office of the President March 1 to June 30, 1954 at \$900 Term CT (\$2,700 A rate)

Lila M Canon as Clerk-Typist Comptroller March 15 to June 30, 1954 at the rate of \$2,040 Term A

Connie M Coggins as Clerk Comptroller March 1 to June 30, 1954 at the rate of \$2,040 Term AT

Caroline H Dady as Senior Clerk-Typist Comptroller February 17 to June 30, 1954 at the rate of \$2,460 Term A

Barbara L Turk as Clerk-Typist Comptroller February 18 to June 30, 1954 at the rate of \$2,040 Term A

Donna H Nietz as Clerk-Typist Dean of Students Bureau of Student Loans and Scholarships March 1 to June 30, 1954 at the rate of \$2,040 Term A

Marlene E Loscheider as Clerk Admissions and Records February 8 to June 30, 1954 at the rate of \$2,040 Term A

Virginia E Morton as Clerk Admissions and Records February 17 to June 30, 1954 at the rate of \$2,040 Term AT

Ann L Charn as Senior Clerk-Typist Civil Service Personnel March 25 to June 30, 1954 at the rate of \$2,460 Term A

Patricia J Miller as Clerk-Typist Chemical Storehouse March 15 to June 30, 1954 at the rate of \$2,040 Term A

Janet V Robidoux as Clerk-Typist Chemical Storehouse February 18 to June 30, 1954 at the rate of \$2,040 Term A

Nancy A Keahna as Clerk-Typist Library March 16 to June 30, 1954 at the rate of \$2,040 Term A

Alice J Rooney as Secretary Library February 23 to June 30, 1954 at the rate of \$2,460 Term A

Arthur W Halpin as Roundsman Protection and Investigation March 16 to June 30, 1954 at the rate of \$3,264 Term AT

James M Kontnier as Roundsman Protection and Investigation March 8 to June 30, 1954 at the rate of \$3,264 Term A

Doris Pliskin as Senior Clerk-Typist Insurance and Retirement March 11 to June 30, 1954 at the rate of \$2,460 Term A

Ernst F Haberman as Laboratory Machinist Physics February 23 to June 30, 1954 at the rate of \$3,504 Term AT

Dorothy M Jorgensen as Clerk-Typist Horticulture February 15 to June 30, 1954 at the rate of \$2,040 Term A

Margaret R Haaland as Clerk Agricultural Extension Service March 8 to June 30, 1954 at the rate of \$2,040 Term A

Joanne M Hazard as Laboratory Technologist School of Home Economics Experiment Station Funds March 16 to June 15, 1954 at the rate of \$3,384 Term BT

Herbert W Sachs as Assistant Experimental Plot Supervisor Plant Pathology and Botany Experiment Station Funds April 1 to June 30, 1954 at the rate of \$2,580 Term AT

Orwell Slinden as Laborer Animal Husbandry Experiment Station Funds March 25 to June 30, 1954 at the rate of \$2,460 Term AT

Elizabeth R Shafer as Senior Clerk-Typist Laboratory of Physiological Hygiene March 2 to June 30, 1954 at the rate of \$2,460 Term A

Irene E Wicklund as Custodial Worker School of Dentistry February 23 to June 15, 1954 at the rate of \$1,530 Term B

A Charlotte Wilkinson as Senior Clerk-Typist Administration College of Education March 1 to June 30, 1954 at the rate of \$2,748 Term A

Marylin E Hanson as Clerk-Typist Agricultural Education March 16 to June 30, 1954 at the rate of \$2,040 Term A

Ethel A Fairchild as Clerk-Typist Administration Duluth Branch February 8 to June 30, 1954 at the rate of \$2,040 Term A

Robert DeChantal as Building Caretaker Physical Plant Duluth Branch April 1 to June 30, 1954 at the rate of \$2,520 Term A

Lois M Rinderhagen as Clerk Correspondence Study Instruction March 16 to June 30, 1954 at the rate of \$2,040 Term A

Joanne L Gellerman continuation of appointment as Laboratory Technologist Physiological Chemistry Research Funds April 1 to June 30, 1954 at the rate of \$3,384 Term AT

Lois W Olin continuation of appointment as Laboratory Technologist Physiological Chemistry Research Funds April 1 to June 30, 1954 at \$846 Term CT (\$3,384 A rate)

Floyd L Hamrick continuation of appointment as Principal Laboratory Animal Attendant Surgery Research Funds March 1 to April 15, 1954 at \$393 Term CT (\$3,144 A rate)

June M Smith continuation of appointment as Laboratory Technician Surgery Research Funds March 1 to April 15, 1954 at \$327 Term CT (\$2,616 A rate)

Madeline De Maio continuation of appointment as Laboratory Technologist Surgery Research Funds March 1-31, 1954 at \$282 Term CT (\$3,384 A rate)

Harry M Levin as Electronics Mechanic Physical Medicine and Rehabilitation Research Funds March 16 to June 30, 1954 at \$1,057 Term CT (\$3,624 A rate)

Martha A Hentges continuation of appointment as Secretary Surgery Research Funds April 1 to June 30, 1954 at \$615 Term CT (\$2,460 A rate)

Betty J Newman as Junior Scientist Medical Technology Research Funds March 8 to June 30, 1954 at the rate of \$3,624 Term AT

Carol A Boklep as Clerk Physical Plant April 1 to June 30, 1954 at the rate of \$2,040 Term A

Herbert J Gove as Principal Stores Clerk Rosemount Research Center February 17 to June 30, 1954 at the rate of \$3,432 Term AT

Fanuial D Woods as Laborer Rosemount Research Center February 11 to June 30, 1954 at the rate of \$2,604 Term AT

Louise K Bang as Senior Food Service Supervisor Coffman Union Food Service February 25 to June 30, 1954 at the rate of \$3,144 Term AT

Sally Pilney as Clerk Professional Colleges Bookstore March 1 to June 30, 1954 at the rate of \$2,040 Term AT

Sylvia D Moore as Clerk Mimeograph Department February 23 to June 30, 1954 at the rate of \$2,040 Term AT

Betty J Gunter as Clerk-Typist Mimeograph and Bulletins February 16 to June 30, 1954 at the rate of \$2,040 Term A

Janet T Anderson as Clerk-Typist Mimeograph and Bulletins February 15 to June 30, 1954 at the rate of \$2,040 Term A

Ralph J Berneck as Communications Technician Audio-Visual Education Service March 10 to June 30, 1954 at the rate of \$3,672 Term A

Barbara J Hillesheim as Secretary Soil Testing Laboratory March 16 to June 30, 1954 at the rate of \$2,460 Term A

Robert T Archibald as Electronics Mechanic Physics Research Funds February 23 to June 30, 1954 at the rate of \$3,624 Term ATX

Mary B Black as Senior Secretary Physics Research Funds March 17 to June 30, 1954 at the rate of \$2,700 Term AT

Donald G Paul as Engineering Assistant Physiology Research Funds March 1 to June 30, 1954 at the rate of \$3,144 Term AT

Iris Noma continuation of appointment as Laboratory Technologist Physiological Chemistry Research Funds April 1 to June 30, 1954 at the rate of \$3,576 Term AT

Mary L Erickson as Junior Scientist Psychiatry and Neurology Research Funds March 9 to June 30, 1954 at the rate of \$3,624 Term AT

Julia A Saito continuation of appointment as Senior Clerk-Typist Surgery Research Funds April 1 to June 30, 1954 at \$669 Term CT (\$2,676 A rate)

Vivian A Bader continuation of appointment as Senior Clerk-Typist Surgery Research Funds April 1 to June 30, 1954 at \$615 Term CT (\$2,460 A rate)

Marylyn L Sheldon continuation of appointment as Principal Animal Laboratory Attendant Surgery Research Funds April 1 to June 30, 1954 at \$786 Term CT (\$3,144 A rate)

Margaret Horsnell continuation of appointment as Laboratory Technologist Pathology Research Funds April 1 to June 30, 1954 at \$854 Term CT (\$3,576 A rate)

Frances J McCandless continuation of appointment as Laboratory Technologist School of Dentistry Research Funds March 1 to June 30, 1954 at \$1,160 Term CT (\$3,480 A rate)

Joseph F Sullivan, Jr as recipient of an Advertising Club of Minneapolis Scholarship of \$150 March 15 to June 30, 1954 College of Science Literature and the Arts

Robert M Carlson as recipient of a Louis Allis Company Engineering Scholarship of \$500 for 1954-55 Electrical Engineering

Russell A Thompson as recipient of a Ray V Arnold Scholarship of \$250 March 15 to August 31, 1954 School of Medicine

Donald W Trask as recipient of a University Bookstores Scholarship of \$80 for the spring quarter of 1953-54 Aeronautical Engineering

Michael V Molitor as recipient of a University Bookstores Scholarship of \$100 March 4 to June 30, 1954 College of Science Literature and the Arts

Paul R Anderson as recipient of a Chi Psi Fraternity Scholarship of \$200 March 15 to June 30, 1955 College of Science Literature and the Arts

Issa Sabbag as recipient of a Graduate School Tuition Fellowship for 1953-54 Graduate School

Sally Sperling and Jaroslav J Verner as recipients of College Quiz Bowl Scholarships of \$50 each March 15 to December 15, 1954 College of Science Literature and the Arts

The following as recipients of College Quiz Bowl Scholarships of \$75 each March 15 to December 15, 1954 College of Science Literature and the Arts

John P Campbell	Jean F Jacobson
David E Crandall	Curtis L Meinert
Marlene J Elmer	Joseph A Miller
Gordon L Graham	Janet R Parsons
Sharline H Hirsch	James J Plorde

The following as recipients of College Quiz Bowl Scholarships of \$100 each March 15 to December 15, 1954 College of Science Literature and the Arts

Robert L Brenner	Paul W Hetland
Stanley J Cook	Willis M Stoesz
Donald Etnier	

Sandra M Montrose as recipient of a College Quiz Bowl Scholarship of \$150 March 15 to December 15, 1954 College of Science Literature and the Arts

Min-Hi Oh as recipient of a Foreign Student Emergency Aid Scholarship of \$150 February 15 to June 15, 1954 Graduate School

Heinrich Weyer as recipient of a Foreign Student Emergency Aid Scholarship of \$340.58 March 4, 1954 to June 30, 1955 Graduate School

Roy J Dworakoski as recipient of a Gideon Memorial Fund Scholarship of \$25 for the summer of 1953 School of Agriculture

The following as recipients of LaVerne Noyes Tuition Scholarships for the spring quarter of 1953-54

Donn V Aaby	School of Business Administration
Lowell A Brown	College of Science Literature and the Arts
Julia M Cable	School of Nursing
James R Dahl	College of Science Literature and the Arts
Clark N Eid	College of Science Literature and the Arts
Norma G Eide	College of Education
John D French	College of Science Literature and the Arts
Marjorie J Forsythe	Medical Technology
Caroline M Gilbert	College of Science Literature and the Arts
Martha B Harris	College of Science Literature and the Arts
Kathleen F Hastings	Physical Medicine and Rehabilitation
Milda U Johansen	College of Education
Jack A Julin	College of Science Literature and the Arts
Arthur J Kotz	Institute of Technology
William A Krueger	Industrial Engineering
Betty J Langhorne	College of Science Literature and the Arts
Carol L Lynn	School of Medicine
Shirley M Macek	Public Health Nursing
Robert E McGarry	Law School
Marjorie Melby	College of Agriculture Forestry and Home Economics
Martin Nold	Veterinary Medicine
William V Nygren	College of Science Literature and the Arts

Robert J Oakes	Electrical Engineering
Rita A Pedersen	College of Education
Joseph J Ronnei	School of Business Administration
Erna J Scherer	Public Health Nursing
Lois H Swanson	Physical Medicine and Rehabilitation
Una G Swedlund	College of Education
Dwight R Witt	Law School
Donald A Witzel	School of Veterinary Medicine

James R Allen as recipient of a Minnesota Alumni Scholarship of \$75 for 1953-54 College of Science Literature and the Arts

The following as recipients of Nash Foundation Scholarships of \$100 each for the spring quarter of 1953-54 College of Science Literature and the Arts

Marvin L Entner  
Robert M Hedrick

John C Holmes

Delores Desmond as recipient of a Nash Foundation Scholarship of \$150 for the spring quarter of 1953-54 College of Education

Atallah K Ali as recipient of a National Society of Colonial Dames of America in the State of Minnesota Scholarship of \$100 for the spring quarter of 1953-54 College of Agriculture Forestry and Home Economics

Prem Pasricha as recipient of a National Society of Colonial Dames of America in the State of Minnesota Scholarship of \$150 March 15 to August 31, 1954 Institute of Child Welfare

Irbrahim E Metaweh as recipient of a National Society of Colonial Dames of America in the State of Minnesota Scholarship of \$250 for the spring quarter of 1953-54 Graduate School

LaVonne G Foster as recipient of a Red Owl Stores Scholarship of \$100 January 4 to March 18, 1954 School of Agriculture

Daryl G Madison as recipient of a Rural Builders Scholarship of \$10 for the summer of 1953 School of Agriculture

Joan L Munson as recipient of a Maria Starovich Memorial Scholarship of \$100 March 8 to June 30, 1954 College of Education

Joyce M Heckenlaible as recipient of a Tozer Foundation Scholarship of \$250 March 15 to August 31, 1954 Graduate School

Dana N Peitersen as recipient of a Tozer Foundation Scholarship of \$250 January 5 to June 30, 1954 Graduate School

Jan D Duker as recipient of a Tozer Foundation Scholarship of \$300 March 16 to December 31, 1954 Graduate School

Milton B Fuller as recipient of a Tozer Foundation Scholarship of \$400 March 15 to December 31, 1954 Graduate School

C Neale Ronning as recipient of a Tozer Foundation Graduate Scholarship of \$400 March 15 to June 30, 1955 Graduate School

Jane Irish and Elaine M Osland as recipients of University of Minnesota Womens Club of Detroit Scholarships of \$100 each for the spring quarter of 1953-54 College of Education

Julia M Cable and Mary E Parpart as recipients of Marion L Vannier Scholarships of \$50 each March 1 to June 30, 1954 School of Nursing

Diana C Wahl as recipient of a Marion L Vannier Scholarship of \$100 March 1 to June 30, 1954 School of Nursing

Jeanne M LaFrance as recipient of an H W Wilson Scholarship of \$100 February 25 to June 30, 1954 Graduate School

Edward L Kalafat as recipient of a Henry L Williams Tuition and Incidental Fee Memorial Scholarship for the winter and spring quarters of 1953-54 College of Education

Fredrick E Leider as recipient of a Henry L Williams Tuition and Incidental Fee Memorial Scholarship for the spring quarter of 1953-54 College of Science Literature and the Arts

Voted to approve the following special appointments :

Robert M Jordan as Assistant Professor Animal Husbandry for 1954-55 at \$6,500 Term AX (father P S Jordan Associate Professor West Central School and Experiment Station Term A)

Gordon R Anderson as Winona County Agricultural Agent Instructor Agricultural Extension Service March 8 to June 30, 1954 at the rate of \$4,800 (\$3,685 University \$1,115 County Term AHX77 (aunt May Swanson Laboratory Technical Assistant Physiology Research Funds Term AT)

Janice V Robidoux as Clerk-Typist Comptroller February 24 to June 30, 1954 at the rate of \$2,040 Term ATX (sister Janet Robidoux Clerk-Typist Chemical Storehouse Term A)

Sara Richards as Clerk-Typist School of Business Administration beginning March 5, 1954 at 98¢ per hour (husband A Glenn Richards Professor Entomology and Economic Zoology Term A)

Caroline B Rose as Instructor General Extension Division beginning February 8, 1954 at \$200 per class per semester (husband Arnold M Rose Professor Sociology Term B)

Clarence Steward as Fireman Physical Plant beginning March 10, 1954 at \$262 per month (daughter Dolores Stewart Clerk-Stenographer Physical Plant Term A)

Shirley M Buttrick as Social Worker University of Minnesota Hospitals beginning February 8, 1954 at \$156 per month for 50% time (husband John Buttrick Associate Professor School of Business Administration Term B)

Marilyn B Tyler as Senior Clerk-Typist University of Minnesota Hospitals beginning March 4, 1954 at \$205 per month (father-in-law Tracy Tyler Associate Professor General Education Term A)

Voted to approve the following promotions and transfers :

William G Shepherd from Professor Electrical Engineering at \$10,500 Term B to Professor of Electrical Engineering and Associate Dean Institute of Technology at the rate of \$13,000 Term A beginning July 1, 1954

Russell B Adams Teaching Assistant Geography at \$1,404 Term BH50 to serve as Instructor at \$900 Term CHX75 (\$3,600 B rate) for the spring quarter of 1953-54



Margaret M Jacobson South St Louis County Home Agent Instructor Agricultural Extension Service from \$4,116 (\$2,372 University \$1,744 County) Term AH58 to the rate of \$4,296 (\$2,372 University \$1,924 County) Term AH55 April 1 to May 9 1954 and to Instructor District Supervisor Home Agent Work at the rate of \$5,200 Term A May 10 to June 30, 1954

Stanford H Calin from Clinical Instructor Radiology and Roentgenologist Students Health Service at \$2,100 Term AH30 to Clinical Instructor Radiology without salary March 1 to June 30, 1954

Ellsworth S Woestehoff Teaching Assistant General Education at \$936 Term BH33 to serve as Instructor at \$812 Term CHT68 (\$3,578 B rate) for the spring quarter of 1953-54

John H Crotty from Medical Fellow Radiology at \$2,178 Term AT to Clinical Instructor Radiology and Roentgenologist Students Health Service at the rate of \$2,100 Term AH30 March 1 to June 30, 1954

Peter P Rempel Research Assistant Bureau of Institutional Research at \$1,404 Term BH50 to receive \$398 for 25% additional time as Research Fellow Committee on Relations to Other Institutions February 16 to June 15, 1954

Donald E Anderson from Research Assistant Electrical Engineering Research Funds at \$2,106 Term BHT75 to Research Fellow at the rate of \$2,520 Term BHT80 February 16 to June 15, 1954

Marvin F Field from Research Assistant Bacteriology and Immunology Research Funds at \$936 Term CH50 January 1 to June 30, 1954 to Teaching Assistant Bacteriology and Immunology at \$468 Term CH50 for the spring quarter of 1953-54

Forrest L Vance Teaching Assistant Psychology at \$702 Term BH25 to receive \$267 for 25% additional time as Teaching Assistant University of Minnesota Hospitals February 25 to June 30, 1954

William C Gemeinhardt Teaching Assistant General Education at \$702 Term BH25 to receive \$234 for 25% additional time as Research Assistant Bureau of Educational Research for the spring quarter of 1953-54

Stephen H Archer from Research Assistant School of Business Administration at \$1,404 Term BH50 to Teaching Assistant without change in salary rate or term March 16 to June 15, 1954

Richard C Lillehei from Medical Fellow Surgery at \$1,950 plus tuition and fees Term A to Research Assistant Surgery Research Funds at \$1,248 Term CT March 1 to June 30, 1954

Norman E Shumway, Jr from Research Assistant Surgery with salary paid directly by Anoka State Hospital Funds to Research Assistant Surgery Research Funds at \$1,140 Term CHT91 March 1 to June 30, 1954

Robert Hildreth Research Assistant Plant Pathology and Botany Research Funds at \$1,248 Term CHT50 August 1, 1953 to March 31, 1954 to receive \$437 for 40% additional time Graduate School Research Funds March 16 to June 30, 1954

John F Perry from Medical Fellow Surgery at \$1,950 plus tuition and fees Term A to Medical Fellow Surgery Research Funds

with salary paid directly by Anoka State Hospital March 1 to June 30, 1954

Mansur Taufic from Research Assistant Surgery Research Funds at \$1,995 Term CHT91 December 1, 1953 to June 30, 1954 to Medical Fellow Surgery at the rate of \$1,950 plus tuition and fees Term A March 1 to June 30, 1954

Robert H Linn from Teaching Assistant School of Dentistry at \$1,685 Term BH60 to Dental Fellow at the rate of \$2,178 Term A March 16 to June 30, 1954

Kenneth E Wilson from Teaching Assistant School of Dentistry at \$1,685 Term BH60 to Dental Fellow at the rate of \$2,178 Term A March 16 to June 30, 1954

Bruce McCullough from Engineer Aeronautical Engineering Rosemount at \$4,920 Term AT to Associate Scientist at the rate of \$5,196 Term AT February 16 to June 30, 1954

Vernon H Brundell from Accountant Comptroller at \$3,792 Term A to Senior Accountant at the rate of \$4,080 Term A March 1 to June 30, 1954

Susan J Roberts from Clerk Comptroller at \$2,160 Term AT to Senior Clerk at the rate of \$2,460 Term AT February 16 to June 30, 1954

Arleta M Sage from Clerk-Typist Comptroller at \$2,100 Term A to Senior Clerk at the rate of \$2,460 Term AT March 22 to June 30, 1954

Jacqueline F Boynton from Clerk Admissions and Records at \$2,040 Term AT to Senior Clerk at the rate of \$2,460 Term A March 16 to June 30, 1954

Marilyn M Klein from Clerk Admissions and Records at \$2,100 Term A to Key Punch Operator at the rate of \$2,280 Term AT March 16 to June 30, 1954

Helen E Kop from Clerk Admissions and Records at \$2,040 Term AT to Senior Clerk at the rate of \$2,460 Term A March 16 to June 30, 1954

Sylvia Prokopovich from Key Punch Operator Admissions and Records at \$2,352 Term ATX to Clerk at the rate of \$2,100 Term ATX March 16 to June 30, 1954

Ann M Kenny Senior Clerk Library at the rate of \$2,460 Term A to serve as Principal Clerk at the rate of \$3,144 Term A January 3 to February 17, 1954

Joanne Service from Senior Clerk Library at \$2,460 Term A to Principal Clerk at the rate of \$3,144 Term A February 18 to June 30, 1954

Mavis M Jensen from Secretary Bureau of Field Studies and Surveys at \$2,532 Term A to Senior Secretary Bureau of Veterans Affairs at the rate of \$2,700 Term AT March 3 to June 30, 1954

Hugh A Pettygrove from Roundsman Protection and Investigation at \$3,264 Term A to Patrolman at the rate of \$3,384 Term AT March 26 to June 30, 1954

Germaine A Weaver from Secretary Soil Testing Laboratory at \$2,532 Term A to Senior Secretary Soils at the rate of \$2,700 Term A February 22 to June 30, 1954

George E Erickson Building Caretaker North Central School and Experiment Station at \$2,520 Term AT to serve as Painter at \$876 Term CT (\$3,504 A rate) April 1 to June 30, 1954

Elsbeth J Wooldridge from Senior Clerk Comptroller at \$2,604 Term AT to Principal Secretary Medicine at the rate of \$3,144 Term A February 16 to June 30, 1954

Lillian M Flemming from Secretary Radio Broadcasting at \$2,604 Term AT to Communications Technician at the rate of \$3,384 Term AT January 1 to June 30, 1954

Mary Condon Laboratory Technician Pediatrics Research Funds at \$500 Term CHT50 (\$2,400 A rate) February 1 to June 30, 1954 to serve in addition as Laboratory Technician Pathology Research Funds at \$500 Term CHT50 February 1 to June 30, 1954

Arlene N Filipi from Laboratory Technologist Bacteriology and Immunology Research Funds at \$3,384 Term AT to Junior Scientist at the rate of \$3,624 Term AT March 1 to June 30, 1954

Virginia Singleton from Clerk-Typist Physical Plant at \$2,040 Term A to Secretary at the rate of \$2,460 Term A March 8 to June 30, 1954

Genevieve S Kowal from Senior Clerk-Typist Department of Concerts and Lectures at \$2,532 Term A to Principal Clerk at the rate of \$3,144 Term A March 1 to June 30, 1954

Lorraine R Humbert from Clerk-Typist Printing Department at \$2,040 Term AT to Senior Clerk-Typist at the rate of \$2,460 Term AT March 1 to June 30, 1954

Fred Heinkel Truck Driver Cold Storage Plant at \$2,940 Term A to continue to serve as Meat Cutter at the rate of \$3,216 Term AX March 16 to June 30, 1954

Dorothy Burke from General Staff Nurse University of Minnesota Hospitals at \$3,120 Term A to Assistant Administrative Nursing Supervisor at the rate of \$3,816 Term A March 22 to June 30, 1954

Dorothy C Carlson Head Hospital Nurse University of Minnesota Hospitals at \$3,696 Term A to serve as Assistant Administrative Nursing Supervisor at the rate of \$3,816 Term AX March 15 to June 30, 1954

Frances Moncure Assistant Head Hospital Nurse University of Minnesota Hospitals at \$3,396 Term A to serve as Head Hospital Nurse at the rate of \$3,504 Term AX March 15 to June 30, 1954

Marvel Shannon from Operating Room Nurse University of Minnesota Hospitals at \$3,240 Term A to General Staff Nurse at the rate of \$3,120 Term A February 24 to June 30, 1954

Wanda Staples General Staff Nurse University of Minnesota Hospitals at \$3,120 Term A to serve as Head Hospital Nurse at the rate of \$3,504 Term AX February 22 to March 31, 1954

Voted to approve the following salary adjustments :

Howard C H Kernkamp Professor Veterinary Science at \$8,500 Term A to continue to serve in addition as Acting Assistant Dean School of Veterinary Medicine at the rate of \$9,700 Term A January 1 to March 31, 1954

Harvey H Hoyt Associate Professor and Head Division of Veterinary Medicine School of Veterinary Medicine at \$7,440 Term A to continue to serve at the rate of \$8,040 Term A January 1 to March 31, 1954

Ralph L Kitchell Associate Professor and Head Division of Veterinary Anatomy School of Veterinary Medicine at \$7,540 Term A to continue to serve at the rate of \$8,140 Term A January 1 to March 31, 1954

Werner P Koella Associate Professor Physiology Research Funds at \$5,942 for 100% time July 1, 1953 to March 31, 1954 and 50% time April 1 to June 30, 1954 to receive \$842 for 50% additional time as Associate Professor United States Public Health Service Research Funds April 1 to June 30, 1954

Marjorie R Kaufman Instructor English from \$3,578 Term B to the rate of \$2,385 Term BH67 March 16 to June 15, 1954

David R Lewis Instructor Mathematics College of Science Literature and the Arts from \$2,622 Term BHX67 to the rate of \$3,933 Term BX March 16 to June 15, 1954

John W Bystrom Instructor Speech and Theater Arts from \$2,386 Term BH67 to the rate of \$1,193 Term BH33 March 16 to June 15, 1954

Maude Shapiro Instructor Speech and Theater Arts from \$2,386 Term BH67 to the rate of \$1,193 Term BH33 March 16 to June 15, 1954

Theodore L Gershun Instructor Mechanical Engineering from \$2,710 Term BHT75 to the rate of \$3,613 Term BT March 16 to June 15, 1954

Howard N McManus, Jr Instructor Mechanical Engineering from \$2,684 Term BHT75 to the rate of \$3,578 Term BT March 16 to June 15, 1954

Barbara A Millner Instructor North Central School and Experiment Station at \$930 Term DH40 to receive \$466 for 60% additional time February 1 to March 31, 1954

Mary H Teberg Clinical Instructor Psychiatry and Neurology Research Funds from \$3,101 Term AHT65 to without salary April 1 to June 30, 1954

Mary B Lampe Instructor Physical Education for Women from \$935 Term BHT25 to the rate of \$1,683 Term BHT45 March 16 to June 15, 1954

Prabodh R Sinha Research Fellow School of Chemistry Research Funds from \$3,600 Term AHT86 to the rate of \$3,792 Term AHT90 March 1 to June 30, 1954

Jeannette W Vanderwater Research Fellow School of Chemistry Research Funds from \$3,600 Term AHT86 to the rate of \$3,792 Term AHT90 March 1 to June 30, 1954

Harold J Aase North St Louis County Agricultural Agent Assistant Professor Agricultural Extension Service from \$5,304 (\$2,592 University \$2,712 County) Term AH49 to the rate of \$5,520 (\$2,647 University \$2,873 County) Term AH48 January 1 to June 30, 1954

John I Ankeny Watonwan County Agricultural Agent Instructor Agricultural Extension Service from \$4,600 (\$3,685 University \$915 County) Term AH80 to the rate of \$4,800 (\$3,740 University \$1,060 County) Term AH78 January 1 to June 30, 1954

George M Gehant, Jr Lac qui Parle County Agricultural Agent Instructor Agricultural Extension Service from \$5,200 (\$3,685 University \$1,515 County) Term AH71 to the rate of \$5,255 (\$3,740 University \$1,515 County) Term AH71 January 1 to June 30, 1954

Diedrich T Grussendorf South St Louis County Agricultural Agent Assistant Professor Agricultural Extension Service from \$5,868 (\$2,622 University \$3,246 County) Term AH45 to the rate of \$5,868 (\$2,677 University \$3,191 County) Term AH46 January 1 to June 30, 1954

John J McCann West St Louis County Agricultural Agent Assistant Professor Agricultural Extension Service from \$5,400 (\$2,502 University \$2,898 County) Term AH46 to the rate of \$5,400 (\$2,557 University \$2,843 County) Term AH47 January 1 to June 30, 1954

Hester E McKinnon North St Louis County Home Agent Instructor Agricultural Extension Service from \$4,416 (\$2,366 University \$2,050 County) Term AH54 to the rate of \$4,596 (\$2,366 University \$2,230 County) Term AH51 January 1 to June 30, 1954

Ruth T Olson Dakota County Home Agent Instructor Agricultural Extension Service from \$3,900 (\$3,565 University \$335 County) Term AH91 to the rate of \$4,100 (\$3,565 University \$535 County) Term AH87 January 1 to June 30, 1954

Clarence O Quie Dakota County Agricultural Agent Assistant Professor Agricultural Extension Service from \$5,300 (\$3,685 University \$1,615 County) Term AH70 to the rate of \$5,500 (\$3,740 University \$1,760 County) Term AH68 January 1 to June 30, 1954

Mabel F Smilanich North St Louis County Club Agent Assistant Professor Agricultural Extension Service from \$4,548 (\$1,237 University \$3,311 County) Term AH27 to the rate of \$4,740 (\$1,237 University \$3,503 County) Term AH26 January 1 to June 30, 1954

Ralph D Behrens Teaching Assistant English from \$1,872 Term BH67 to the rate of \$936 Term BH33 March 16 to June 15, 1954

Eugene Bluestein Teaching Assistant English and General Studies at \$1,638 Term BH58 to receive \$90 for 10% additional time English for the spring quarter of 1954-55

George F Wedge Teaching Assistant English from \$702 Term BH25 to the rate of \$936 Term BH33 March 16 to June 15, 1954

Philip F Schmidt Teaching Assistant Art from \$702 Term BHX25 to the rate of \$1,404 Term BHX50 March 16 to June 30, 1954

Wallace G Ernst Teaching Assistant Geology from \$1,011 Term BH36 to the rate of \$1,404 Term BH50 March 16 to June 15, 1954

James H Koshi Research Assistant Dairy Husbandry Experiment Station Funds at \$1,872 Term AHT50 to receive \$468 for 50%

additional time Dairy Husbandry Research Funds April 1 to June 30, 1954

Alf I Eikaas Research Assistant Graduate School Research Funds at \$936 Term CH50 for the winter and spring quarters of 1953-54 to receive \$312 for 25% additional time as Research Assistant Bureau of Educational Research February 16 to June 15, 1954

Lawrence E Rudberg Teaching Assistant School of Business Administration from \$936 Term BH33 to the rate of \$1,404 Term BH50 March 16 to June 15, 1954

Frank J Iwersen Medical Fellow Surgery from \$1,950 plus tuition and fees Term A to salary paid directly by Gillette Hospital January 1 to June 30, 1954

Henry J Fregosi Medical Fellow Surgery from \$2,178 Term A to salary paid directly by Veterans Administration Hospital February 23 to June 30, 1954

Julian S Ansell Medical Fellow Students Health Service from \$2,178 Term A to salary paid directly by the Veterans Administration Hospital January 15 to June 30, 1954

Arlene F Koithan Laboratory Technologist Physiology Research Funds at \$1,974 for 100% time October 16, 1953 to March 31, 1954 and 50% time April 1 to June 30, 1954 to receive \$423 for 50% additional time as Laboratory Technologist April 1 to June 30, 1954

Anna Waryan Clerk Coffman Union Food Service from \$1,710 Term AHT75 to the rate of \$2,280 Term AT March 16 to June 30, 1954

Voted to approve the following leaves of absence :

John C Kidneigh Professor and Director School of Social Work leave without salary July 16 to August 31, 1954 to serve for the Unitarian Service Committee on a special project and survey in Korea of needs for social work education in that country.

Dorothy Simmons Professor State Leader Extension Home Program Associate Home Economist Agricultural Extension Service leave without salary March 8-20, 1954 for vacation

George Filipetti Professor School of Business Administration on leave without salary for the spring quarter of 1953-54 on account of illness leave to terminate March 16, 1954 (returning early from leave)

Gisela Konopka Associate Professor School of Social Work sabbatical furlough for 1954-55 to make a systematic study of the social work history and theory so as to identify and present a collation and analysis of the philosophy which underlies social work services with time to be spent at Columbia University

Kenneth P Miller Assistant Professor Southern School of Agriculture sabbatical furlough for 1954-55 for graduate study toward Doctor's degree at Ohio State University

Wesley H Gray Instructor West Central School and Experiment Station sabbatical furlough October 1, 1954 to September 30,

1955 for graduate study toward Master's degree at the University of Minnesota

Marie O Mollins Instructor Librarian and Registrar North Central School and Experiment Station continuation of leave with salary March 1-31, 1954 on account of illness

William Mulholland Clinical Instructor Pediatrics without salary on military leave of absence leave to terminate March 1, 1954 (returned from service)

Se Puan Yu Research Fellow Electrical Engineering and Mines Experiment Station leave without salary August 16-31, 1953 for vacation

Laurence F Erickson Clinical Assistant Pediatrics without salary leave of absence March 1 to June 30, 1954 for military service

Arturo V Garcia Medical Fellow Mayo Foundation leave without salary January 1 to June 30, 1955 for personal reasons

Kenneth F Hosie Medical Fellow Mayo Foundation leave without salary July 1 to September 30, 1954 for personal reasons

Harold T Mankin Medical Fellow Mayo Foundation leave without salary for 1954-55 for personal reasons

Axel A Wiljamaa Student Personnel Worker Bureau of Veterans Affairs leave with salary March 15-29, 1954 for annual military training

Mary V Myers Senior Clerk-Typist General Studies leave without salary March 5-12, 1954 for marriage

Priscilla W Weisbart General Staff Nurse Institute of Child Welfare leave without salary March 19-26, 1954 on account of Nursery School and Kindergarten closing

Barbara K Kidder Artist and Clerk-Typist School of Dentistry leave without salary September 11-18, 1953 for vacation

Dorianne T Lillemo Senior Clerk-Typist Medicine Research Funds leave without salary June 10-26, 1953 on account of illness

Olen Olson Senior Clerk Physical Plant leave without salary September 8-23, 1953 on account of illness

Orville F Perry Senior General Mechanic Rosemount Research Center leave without salary July 9-31, 1953 for personal reasons

Mildred H Coburn Assistant Cook Coffman Union Food Service leave without salary July 20-24, 1953 on account of Continuation Center Food Service closing and March 18-25, 1954 on account of the Fountain Grille closing

Elsie Martin Food Service Supervisor Coffman Union Food Service leave without salary March 15-19, 1954 on account of the Gopherette closing

Lorraine R Humbert Clerk Printing Department leave without salary August 12-25, 1953 on account of illness

Darlene Bader Clerk Mimeograph Department leave without salary February 15 to March 5, 1954 on account of illness

Anna Kovach Laundry Worker University Laundry leave without salary July 9-17, 1954 on account of illness in family

Ellen Moberg Laundry Worker University Laundry continuation of leave without salary March 15-31, 1954 on account of injury

Arlene J Rogers Clerk University Post Office leave without salary August 18-31, 1953 for personal reasons

Robert L Mann Engineering Assistant Physics Research Funds leave without salary June 8-12, 1953 for marriage

Ardyth D Johnson Laboratory Technician School of Dentistry leave without salary September 4-10, 1953 on account of illness

Gayle N Feller Laboratory Technologist Dight Institute 'on leave without salary leave to terminate February 16, 1954 (returned early)

Bernice Haberbusch Hospital Aide University of Minnesota Hospitals leave without salary June 24-30, 1953 for extended vacation.

Irene C Haig Clerk University of Minnesota Hospitals leave without salary March 3 to April 2, 1954 on account of illness.

Nellie Jones Hospital Aide University of Minnesota Hospitals leave without salary March 10 to May 31, 1954 on account of illness

Etta M Newman Hospital Aide University of Minnesota Hospitals leave without salary December 22-30, 1953 on account of illness

Charlotte Perry Custodial Worker University of Minnesota Hospitals leave without salary December 22-30, 1953 on account of illness

Mary Rosenwald General Staff Nurse University of Minnesota Hospitals leave without salary February 21 to March 25, 1954 on account of illness in family

Dorothy P Verplank Food Service Worker University of Minnesota Hospitals leave without salary July 6-10, 1953 for extended vacation

The President having discussed with the Board the appointment status of Messrs. Chametzky and Bluestein, part-time teaching assistants, voted that the disposition of the matter be left to the discretion of the President.

Voted to grant permission for the following non-campus service:

Professor Strathmore R. B. Cooke, Metallurgy and Mineral Dressing, School of Mines and Metallurgy, Institute of Technology, to serve as consultant to the United States Bureau of Mines

Dr. Donald W Hastings, Psychiatry and Neurology, to serve as a member of the Medical Sciences Panel of the United States Department of Defense

Mr. Raymond S Wolf, Extension Specialist in Information, to serve as a TV consultant in connection with a program entitled "RFD-TV," for the Alfred Colle Advertising Agency, Minneapolis, Minnesota

Professor Walter W. Heller, School of Business Administration, to serve as a consultant to the Harvard International Program in Taxation, Harvard Law School



Associate Professor N. C. Pervier, School of Chemistry, to serve as a consultant to the L. H. Kellogg Chemical Company of Minneapolis

Professor R. C. Jordan, Mechanical Engineering, to serve as a consultant to the National Science Foundation as a member of the Advisory Panel for Engineering Sciences

Assistant Professor Gayle McElrath, Mechanical Engineering, to serve as consultant for the A. O. Smith Corporation of Milwaukee, and the Minnesota Mining and Manufacturing Company of St. Paul

Professor George J. Schroepfer, Civil Engineering, to serve as a consultant for the American Meat Institute on a research program involving methods of packinghouse waste disposal

Mr. Harold G. Heggeness, Instructor in Plant Pathology and Botany, to serve as a consultant for the Pittsburgh Coke and Chemical Company

Mr. Ramer Leighton, Extension Dairyman, to serve as Superintendent of the Cattle Department for the 1954 Minnesota State Fair for the Minnesota Agricultural Society

Voted to approve special written agreements concerning tenure with the following members of the University faculty:

Allan A. Blatherwick, Instructor, Mechanics and Materials, Institute of Technology

Charles M. Braden, Instructor, Mathematics, Institute of Technology

Harold G. Heggeness, Instructor, Plant Pathology and Botany, Institute of Agriculture

Walter James, Instructor, Mechanics and Materials, Institute of Technology

Armand S. Johnson, Instructor, Civil Engineering, Institute of Technology

Voted to approve the following appointment beyond the date of retirement:

William P. Funk, Utility Man, Physical Plant, July 1, 1954 to July 19, 1954

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

AT(11-1)-210, Supplement No. 2, Atomic Energy Commission, filed supplement to the minutes, page 7772

AT(11-1)-211, Supplemental Agreement No. 2, Atomic Energy Commission, filed supplement to the minutes, page 7773

AT(11-1)-285, Atomic Energy Commission, for study of radioactive isotopic localization in tissues of the central nervous system by Drs. L. A. French and Shelly N. Chou, Surgery, filed supplement to the minutes, page 7774

AF 40(600)-5, Supplemental Agreement No. 6(54-473), Air Force, filed supplement to the minutes, page 7775

AF 18(600)-338, Supplemental Agreement No. 4(54-582), Air Force, filed supplement to the minutes, page 7776

AF 18(600)-413, Supplemental Agreement No. 5(54-581), Air Force, filed supplement to the minutes, page 7777

AF 33(616)-473, Supplemental Agreement No. 2(54-979), Air Force, filed supplement to the minutes, page 7778

AF 33(616)-474, Supplemental Agreement No. S3(54-1071), Air Force, filed supplement to the minutes, page 7779

DA-18-064-CML-2280, Modification No. 4, Army, Chemical Corps, filed supplement to the minutes, page 7780

NOy-73218, Change "C," Navy, Bureau of Yards and Docks, filed supplement to the minutes, page 7781

NOy-73248, Navy, Bureau of Yards and Docks, for investigation of freezing as a means of obtaining fresh water from salt water by Professor E. N. Kemler, Mechanical Engineering, filed supplement to the minutes, page 7782

N8onr-66215, Amendment No. 5 (Letter Award), Navy, Office of Naval Research, filed supplement to the minutes, page 7783

Nonr-710(02), Amendment No. 4, Navy, Office of Naval Research, filed supplement to the minutes, page 7784

DA 21027 AV-364, Army, Fifth Army, for off-duty academic instruction for military personnel at the Extension Division, filed supplement to the minutes, page 7785

N220s-82192A, Code 12257-P3, Navy, Purchasing, for these expenses for three Navy students in Aeronautical Engineering, filed supplement to the minutes, page 7786

V-3035-V-743, Supplemental Agreement No. 1, Veterans Administration, filed supplement to the minutes, page 7787

Agreement No. SAE-3833, Foreign Operations Administration, for program in educational leadership for group of trainees from Ecuador and Bolivia, filed supplement to the minutes, page 7788

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

Purchase Order No. MDG 44749, General Mills, Incorporated (University subcontractor under Contract No. AMC-AF-33-600-15464), for services, labor, and material to obtain ballistics data on the Tarzan bomb at the Rosemount Aeronautical Laboratories, filed supplement to the minutes, page 7789

Voted to approve the following memorandums of agreement:

Supplement No. 2 to memorandum of understanding with the Agricultural Research Service, United States Department of Agriculture, and memorandum of understanding with Dr. George F. Ghostley, covering research on lymphomatosis, filed supplement to the minutes, page 7790

Independent School District No. 60 (North Mankato) Nicollet County, covering a school building survey, filed supplement to the minutes, page 7791

Voted to approve membership in the Institute of International Education for 1954 as an Educational Associate at a fee of \$300.

Voted to approve increase in membership fee in the National Architectural Accrediting Board from \$50 to \$75.

Voted to approve the following fee:

Duluth Branch, Humanities-Music Department effective June 15, 1954

Graduate Applied Music                      \$30 per quarter

Voted on recommendation of the Civil Service Committee, the Business Vice President, and the President to approve the establishment of the following classes:

5372, Aircraft and Engine Mechanic, one year probationary period, salary range No. 17, \$360-410 adjusted, effective July 1, 1954

5489, Maintenance Supervisor, St. Paul Campus, with extra one-half day of vacation allowance and one year probationary period, salary range No. 21, \$430-490 adjusted, effective July 1, 1954

6760, Assistant Custodial and Grounds Superintendent, with one year probationary period, salary range No. 20, \$380-430 adjusted, effective May 1, 1954

6762, Custodial and Grounds Superintendent, with extra one-half day of vacation allowance and one year probationary period, salary range No. 28, \$560-630 adjusted, effective July 1, 1954

Voted on recommendation of the Civil Service Committee, the Business Vice President and the President to approve the following class specifications, filed supplement to the minutes, page 7792:

5172, Assistant to the Supervising Engineer

5372, Aircraft and Engine Mechanic

5489, Maintenance Supervisor, St. Paul Campus

6760, Assistant Custodial and Grounds Superintendent

6762, Custodial and Grounds Superintendent

Voted on recommendation of the Civil Service Committee, the Business Vice President and the President, to

approve the reallocation of the following classes, effective July 1, 1954:

- 1512, Personnel Assistant, from salary range No. 14, \$300-340 adjusted to No. 15, \$310-350 adjusted
- 1514, Personnel Representative, from salary range No. 17, \$360-410 adjusted, to No. 18, \$370-420 adjusted
- 5172, Assistant to the Supervising Engineer, from salary range No. 21, \$430-490 adjusted to No. 23, \$460-520 adjusted
- 7230, Farm and Grounds Superintendent, from salary range No. 21, \$430-490 adjusted to No. 23, \$460-520 adjusted
- 8489, Legal Reference Analyst, from salary range No. 16, \$350-400 adjusted to No. 18, \$370-420 adjusted

Voted to approve leasing of land at the Rosemount Research Center for Government ammunition storage, involving

1. The exclusive use by the Government of approximately 12.85 acres
2. The exclusion from approximately 210.61 acres surrounding the 12.85 acres of structures, streets, and railroad lines
3. The establishment of a further tract of approximately 307.50 acres surrounding the two tracts as a further safety area,

all in accordance with land lease with the United States of America, dated March 12, 1954, and operating agreement with the United States Air Force, both filed supplement to the minutes, page 7793.

Professor Winston Close, University Advisory Architect, and Mr. Roy V. Lund, Supervising Engineer, having presented to the Board the report of the survey on the site for the St. Paul Campus Union, the Board voted to request further study of the proposed site with particular reference to these three possibilities: the so-called Site 1; Site 1 slightly modified, as suggested by Dean Macy; and Site 3; and to report on findings at the May meeting of the Board, report of Professor Close and the Building Committee filed supplement to the minutes, page 7794.

Voted to authorize the Business Vice President and the Assistant Secretary to execute the agreement for cooperative nuclear research involving the establishment of a Midwest Cosmotron, approved in principle by the Board at its meeting on January 8, 1954, agreement filed supplement to the minutes, page 7795.

The President having presented the report of the exploratory survey of the special group of staff consisting of Dean Macy, Institute of Agriculture, Dean Spilhaus, Institute of Technology, and Dr. Gaylord Anderson, Director of the School of Public Health, looking toward a cooperative arrangement to assist the University of Seoul, Korea, under the auspices of the Foreign Operations Administration, together with subsequent negotiations with the Foreign Operations Administration, the Board voted to authorize the continuance of the negotiations for an operating agreement to be presented to the Board for approval at a subsequent meeting, report of the exploratory survey and minutes of the meeting with Foreign Operations Administration officials in Washington as reported by L. R. Lunden, Comptroller, filed supplement to the minutes, page 7796.

Voted to authorize the Business Vice President to secure and accept bids on the Seedhouse at Waseca, provided the bids received were within the appropriation available.

Voted on recommendation of R. V. Lund, Supervising Engineer, and the Business Vice President, filed supplement to the minutes, page 7797, to approve acceptance of the following low bids for the construction of the new Library at the Duluth Branch:

**General**

Fowler Vernath Construction Company, Duluth, Minnesota	
Base bid .....	\$319,900
Alternate "B" for dampproofing west, south, and north walls, add .....	975
	<hr/>
	\$320,875

**Plumbing and Heating**

Carlson-Miller Company, Duluth, Minnesota .....	61,750
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**Ventilating**

Zimm Sheetmetal Company, Duluth, Minnesota .....	26,800
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**Electrical**

Universal Electric Company, Duluth, Minnesota .....	46,200
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**Passenger Elevator**

Westinghouse Elevator Division, Minneapolis, Minnesota .....	10,857
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**Freight Elevator**

Johnson Elevator Company, Duluth, Minnesota .....		6,515	
			<hr/>
Total contracts .....			\$472,997
Architects and Engineers fees .....	\$ 26,000		
Utilities, side walks, roads, and other outside work and special equipment .....	88,015		
Supervision of construction .....	4,000		
Concrete testing services and miscel- laneous material tests .....	600		
Site survey, borings, soil survey, and miscellaneous engineering costs .....	2,000		
Electrical transformers .....	3,618		
Advertising and bidding .....	125		
Furniture and equipment .....	55,000		
			<hr/>
			\$179,358
Available for contingencies and for por- tion of costs of connecting link be- tween the Library and the Student Center .....			<hr/>
			47,645
			<hr/>
Grand total .....			\$700,000

Source of funds, 1953 Legislative appropriation \$700,000.  
Time of completion, April 1, 1955.

Voted on recommendation of R. V. Lund, Supervising Engineer, and the Business Vice President, filed supplement to the minutes, page 7798, to approve acceptance of the following low bids for the construction of the new Greenhouse at the West Central School and Station, Morris, Minnesota :

**General**

John Nagle, Morris, Minnesota		
Base bid .....	\$ 15,225	
Alternate GH No. 1, for install- ing screens, add .....	615	
		<hr/>
		\$ 15,840

**Plumbing, Heating, and Ventilating**

Wahpeton Plumbing and Heating Company, Wahpeton, North Dakota		
Combined Bid "C" for plumbing, heating, and ventilating work for Home Economics Building and Greenhouse .....	\$ 41,491	
Less portion assignable to Home Economics Building .....	33,610	
		<hr/>
		7,881

**Electrical**

Dalager Electric Company, Morris, Minnesota .....		1,568	
		<hr/>	
Total contracts .....			\$ 25,289
Architects and Engineers fees .....	\$ 1,250		
Supervision of construction .....	1,500		
Benches, shelving, and equipment .....	3,500		
		<hr/>	6,250
Contingencies and additional greenhouse glass area .....			8,461
			<hr/>
Total .....			\$ 40,000

Source of funds, 1953 Legislation appropriation \$40,000.

Time of completion, August 1, 1954.

Voted on recommendation of R. V. Lund, Supervising Engineer, and the Business Vice President, filed supplement to the minutes, page 7799, to approve acceptance of the following low bids for the construction of the Home Economics Building at the West Central School and Station, Morris, Minnesota :

**General**

Jensen Construction Company, Minneapolis, Minnesota			
Base Bid .....	\$169,817		
Alternate No. 2, substitute cream Mankato stone for pink Mankato stone trim, deduct .....	\$ 700		
Alternate No. 3, substitute iron flashing for copper flashing, deduct .....	580		
Alternate No. 8, omit all plaster painting, deduct .....	1,100		
		<hr/>	2,380
			<hr/>
			\$167,437

**Plumbing, Heating, and Ventilating**

Wahpeton Plumbing Company, Wahpeton, North Dakota			
Combined base bid "C" for all work on Home Economics Building and Greenhouse .....	\$ 41,491		
Less portion for Greenhouse .....	7,881		
		<hr/>	33,610

**Electrical**

Edling Electric Company, Moorhead, Minnesota .....		22,187	
Total contracts .....		<hr/>	\$223,234

Architects and Engineers fees .....	\$ 11,300	
Site survey, soil survey, miscellaneous engineering work, advertising, etc.	1,000	
Supervision of construction .....	2,500	
Furniture and equipment .....	10,000	
Contingencies .....	1,966	
		<u>\$ 26,766</u>
<b>Total .....</b>		<b>\$250,000</b>

Source of funds, 1953 Legislative appropriation, \$250,000.  
Time of completion, April 1, 1955.

Voted to approve the following applications for grants:

\$102,687 to Foundations' Fund in Psychiatry by Dr. Ernst Gellhorn, Neurophysiology, for research on autonomic tests in man

\$80,838 to the Louis W. and Maud Hill Family Foundation by Dr. Irvine McQuarrie, Pediatrics, for studies on convulsive and paroxysmal disorders in children

\$50,000 to the Ford Foundation by Professor T. F. Magner, Slavic and Oriental Languages, for a three-month study tour of the Soviet Union

\$27,000 to the United States Public Health Service by Dr. F. J. Kottke, Physical Medicine and Rehabilitation, for training of clinical fellows in rehabilitation

\$23,114 to the National Science Foundation by Professor Rufus Lumry, Physical Chemistry, for research on proteins

\$21,600 to Muscular Dystrophy Associations of America, Inc., by Dr. Ian Brown, Neurology, for research on muscular dystrophy

\$19,500 to the Rockefeller Foundation by Professor Robert L. Evans, Mathematics, for developing a plan relative to some aspects of mathematical biology in the Department of Physiology

\$17,106 to the National Science Foundation, by Professor Frederick M. Swain, Geology, for research on stratigraphy of bituminous deposits

\$15,000 to the Damon Runyon Memorial Fund by Dr. Owen H. Wangensteen, Surgery, for research on gastric cancer

\$8,658 to the United States Public Health Service by Dr. Ivan D. Frantz, Jr., Variety Club Heart Hospital, for research in arteriosclerosis

\$5,500 to Carnegie Corporation by Professor J. W. Buchta, Physics, for travel and other expenses connected with his leave of absence

\$4,320 to the United States Public Health Service, by Dr. C. S. Alexander, Graduate School, for research on diabetes insipidus

To the United States Government:

\$191,587 Atomic Energy Commission, by Professor John W. Williams, Physics, for continuation of contract No. AT(11-1-50)

\$119,941 Air Force, Air Materiel Command, by Professor J. D. Akerman, Aeronautical Engineering, for development of ionization type true airspeed system



\$89,067 Douglas Aircraft Co., Inc., by Professor J. D. Akerman, Aeronautical Engineering, for development of temperature sensing elements

\$78,534 Air Force, School of Aviation Medicine, by Dr. W. G. Kubicek, Physical Medicine, for renewal of contract No. AF 18(600)-629

\$46,678.77 Atomic Energy Commission, by Dr. W. D. Armstrong, Physiological Chemistry, for study of total body irradiation upon tissue metabolism

\$39,829 Air Force, Air Research and Development Command, by Professor J. D. Akerman, Aeronautical Engineering, for renewal of contract No. AF 18(600)-384

\$37,843 Atomic Energy Commission, by Professor J. J. Christensen, Plant Pathology and Botany, for renewal of contract No. At(11-1)-42

\$30,000 Navy, Office of Naval Research, by Professor L. G. Straub, St. Anthony Falls Hydraulic Laboratory, for renewal of contract No. N6onr-24606

\$25,700 Air Force, Air Development Center, by Professor J. D. Akerman, Aeronautical Engineering, for renewal of Contract No. AF 33(616)-2178

\$24,700 Army, Aberdeen Proving Ground, by Professor J. D. Akerman, Aeronautical Engineering, for study of flow conditions about a sphere in supersonic flow

\$24,400 Army, Surgeon General, by Dr. Lewis Thomas, Pediatrics, for renewal of contract No. DA-49-007-MD-176

\$23,488.56 Army, Surgeon General, by Dr. C. W. Watson and Dr. E. W. Hoffbauer, Medicine, for renewal of contract No. DA-49-007-MD-80

\$19,392.78 Douglas Aircraft Co., Inc., by Professor J. D. Akerman, Aeronautical Engineering, subcontract for development of an air density sensing device

\$15,404 Army, Signal Corps Supply Agency, by Professor Henry Hartig, Electrical Engineering, for study of techniques for increasing facsimile transmission speed

\$13,476.76 Atomic Energy Commission, by Professor John W. Gruner, Geology and Mineralogy, for mineralogical investigations with respect to certain types of uranium ores on the Colorado Plateau

\$12,000 Army, Office of Ordnance Research, by Professor Fred Smith, Agricultural Biochemistry, for renewal of contract No. DA-11-022-ORD-999

\$12,920.40 Atomic Energy Commission, by Professor Herman Schlenk, Hormel Institute, for renewal of contract No. AT(11-1)-236

\$9,367 Army, Surgeon General, by Dr. F. W. Hoffbauer, Medicine, for study of liver cell regeneration in nutritional liver injury

\$7,940 Air Force, Wright Air Development Center, by Professor E. R. G. Eckert, Mechanical Engineering, for renewal of contract No. AF 33(616)-474

\$7,734.38 General Mills, Inc., by Professor J. D. Akerman, Aeronautical Engineering, subcontract for services, labor, and material to obtain ballistics data on the Tarzan bomb

\$7,000 Atomic Energy Commission, by Professor W. E. Peterson, Dairy Husbandry, for renewal of contract No. AT (11-1)-109

\$3,914 Army, Surgeon General, by Dr. Dennis Watson, Bacteriology and Immunology, for renewal of contract No. DA-49-007-MD-95

\$3,780 Army, Surgeon General, by Dr. W. D. Armstrong, Physiological Chemistry, for renewal of contract No. DA-49-007-MD-329

Voted to accept with thanks the following gifts:

Donor	Louis W. and Maud Hill Family Foundation
Amount	\$70,838 (three years)
Fund	Louis W. and Maud Hill Family Foundation—Research on Spontaneous Hypoglycemia
Donor	Louis W. and Maud Hill Family Foundation
Amount	\$12,428 (two years)
Fund	Louis W. and Maud Hill Family Foundation—Research in Heart Disease—Ancker Hospital
Donor	United States Public Health Service
Amount	\$35,636
Fund	United States Public Health Service—Research on Experimental Endocarditis
Donor	United States Public Health Service
Amount	\$15,000
Fund	United States Public Health Service—Research on Immunity in Experimental Cancer
Purpose	For research under the direction of Dr. J. T. Syverton, in accordance with correspondence filed supplement to the minutes, page 7800.
Donor	United States Public Health Service
Amount	\$9,936
Fund	United States Public Health Service—Study of Chronic Experimental Heart Failure
Donor	United States Public Health Service
Amount	\$8,499
Fund	United States Public Health Service—The Etiology of Postgastrectomy Anemia Research
Purpose	For research under the direction of Dr. William D. Kelly, in accordance with correspondence filed supplement to the minutes, page 7801.

Donor	United States Public Health Service
Amount	\$4,745
Fund	United States Public Health Service—Preclinical Stages of Diabetes Mellitus
Purpose	For research under the direction of Dr. E. T. Bell, in accordance with correspondence filed supplement to the minutes, page 7802
Donor	Fund for the Advancement of Education
Amount	\$50,000
Fund	Fund for the Advancement of Teaching—College Teaching Program
Donor	Estate of Katherine Lillian Kendall
Amount	\$42,594.96
Fund	The Margaret Houlton Kendall Educational Aid Fund
Purpose	For a fund to provide aid for worthy young women seeking an education, in accordance with terms of will, filed supplement to the minutes, page 7803.
Donor	Estate of Belle Bonsteel Sorensen
Amount	\$27,505.65
Fund	Belle Bonsteel Sorensen Music Fund
Purpose	Bequest in the will of Belle Bonsteel Sorensen, for the Department of Music, will filed supplement to the minutes, page 7804.
Donor	American Heart Association, Inc.
Amount	\$12,600 (\$6,300 a year for two years)
Fund	American Heart Association Research on Rheumatic Fever
Donor	American Heart Association, Inc.
Amount	\$5,250
Fund	American Heart Association—Studies in Intermediary Metabolism
Donor	American Heart Association, Inc.
Amount	\$5,250 annually for three years
Fund	American Heart Association, Inc., Research in Degenerative Heart Disease
Purpose	For research under the direction of Dr. Ancel Keys, in accordance with correspondence filed supplement to the minutes, page 7805
Donor	American Heart Association, Inc.
Amount	\$4,725
Fund	American Heart Association, Inc., Research on Experimental Myocarditis and Valvulitis
Purpose	For research under the direction of Dr. Joel G. Brunson, in accordance with correspondence filed supplement to the minutes, page 7806

- Donor American Heart Association, Inc.  
Amount \$4,200  
Fund American Heart Association, Inc.—Research on Cardiac Tissue  
Purpose For research under the direction of Dr. H. Mead Cavert, in accordance with correspondence filed supplement to the minutes, page 7807
- Donor American Heart Association, Inc.  
Amount \$2,625  
Fund American Heart Association, Inc., Research on Diabetes Insipidus  
Purpose For research under the direction of Dr. Carl S. Alexander, in accordance with correspondence filed supplement to the minutes, page 7808
- Donor National Science Foundation  
Amount \$15,500  
Fund National Science Foundation—Atomic Mass Determination
- Donor National Science Foundation  
Amount \$13,000  
Fund National Science Foundation—Governmental Relationships  
Purpose To cover salary of J. W. Buchta, during his tour of duty with the National Science Foundation, in accordance with correspondence filed supplement to the minutes, page 7809
- Donor Variety Club of the Northwest  
Amount \$12,500  
Fund Variety Heart Hospital Administration
- Donor Estate of Dr. Linwood D. Keyser  
Amount \$10,000  
Fund Linwood D. Keyser Fund for Research in Urinary Lithiasis  
Purpose For research in accordance with bequest in the will of Dr. Linwood D. Keyser, filed supplement to the minutes, page 7810
- Donor The Fund for the Advancement of Education  
Amount \$8,200  
Fund The Fund for the Advancement of Education—Institute for High School Teachers of Biology  
Purpose For an Institute of High School Teachers of Biology, in accordance with correspondence filed supplement to the minutes, page 7811

Donor	Carnegie Corporation
Amount	\$5,500
Fund	Carnegie Corporation of New York—Governmental Relationships
Purpose	For travel and subsistence of J. W. Buchta during his tour of duty with the National Science Foundation, in accordance with correspondence filed supplement to the minutes, page 7812
Donor	Sister Elizabeth Kenny Foundation, Inc.
Amount	\$3,267
and	Elizabeth Kenny Foundation Fellowship in Pediatrics
Funds	2,000 Elizabeth Kenny Foundation—Attending Pediatrician
Donor	Tozer Foundation
Amount	\$5,000
Fund	Tozer Foundation Scholarship Fund
Donor	Portland Cement Association
Amount	\$4,000
Fund	Portland Cement Association Research
Purpose	For research on vapor movement through concrete masonry material, in accordance with correspondence filed supplement to the minutes, page 7813
Donor	E. R. Squibb & Sons
Amount	\$3,500
Fund	E. R. Squibb & Sons—Studies on Infectious Diseases
Donor	National Science Foundation
Amount	\$3,000
Fund	National Science Foundation—Institute for College Teachers of Biology
Purpose	For an Institute to be held during the first Summer Session, in accordance with correspondence filed supplement to the minutes, page 7814
Donors	\$1,300 Minnesota Cannery Association
and	1,200 National 4-H Club Foundation
Amounts	91.65 Peterson-Biddick Company
Fund	4-H Club Fund
Donor	Monsanto Chemical Company
Amount	\$2,500 and tuition
Fund	Monsanto Chemical Company Graduate Fellowship in Organic Chemistry
Donor	Midwest Barley Improvement Association
Amount	\$2,025.88
Fund	Midwest Barley Improvement Fund
Purpose	For continuation of research in accordance with memorandum of agreement filed supplement to the minutes, page 7815

Donor	American Society of Heating and Ventilating Engineers
Amount	\$2,000
Fund	American Society of Heating and Ventilating Engineers—Research on Solar Energy
Donor	Mr. Charles Horn
Amount	\$2,000
Fund	Henry J. Fletcher Memorial Aid Fund
Donor	Firestone Plantations Company
Amount	\$1,872
Fund	Firestone Fund
Purpose	For continuation of research in accordance with memorandum of agreement filed supplement to the minutes, page 7816
Donor	American Cyanamid Company
Amount	\$1,800 and fees
Fund	American Cyanamid Company Graduate Fellowship
Donors	Various, through the Greater University Fund
Amount	\$1,521
Fund	McQuarrie Pediatrics Fund
Purpose	For a research fund in accordance with correspondence filed supplement to the minutes, page 7817
Donor	Merck and Company, Inc.
Amount	\$1,500
Fund	Brucellosis Research and Travel Fund
Donor	Mr. C. A. McElvain, through the Greater University Fund
Amount	\$1,250
Fund	Joseph E. McElvain Memorial Scholarship Fund
Purpose	To establish a scholarship in memory of Mr. McElvain's son, in accordance with correspondence filed supplement to the minutes, page 7818
Donor	Estate of Thomas Orlo Heggen
Amount	\$1,000
Fund	Thomas Heggen Memorial Fund
Donor	Mrs. Martin B. Ruud
Amount	\$1,000
Fund	Martin Ruud Memorial Fund
Donors	\$460 Chippewa County Community Chest
and	200 Mr. Charles J. Upin, through the Minnesota Medical Foundation
Amounts	300 American State Bank of Williston, North Dakota, through the Minnesota Medical Foundation
	40 Louritson Township Community Fund
	15 Mr. and Mrs. E. D. Abrahamsen
	3 Mrs. M. E. Guthman
	1 Mr. and Mrs. James F. Richards
Fund	Malignant Disease Research Fund

Donor	Spencer Chemical Company
Amount	\$750
Fund	Spencer Chemical Company Nitrogen Research
Purpose	For continuation of research in accordance with memorandum of agreement filed supplement to the minutes, page 7819
Donor	National Society of the Colonial Dames of America in the State of Minnesota, through the Greater University Fund
Amount	\$700
Fund	National Society of the Colonial Dames of America in the State of Minnesota Scholarship
Donors	Various (memorials)
Amount	\$579.50
Fund	Heart Hospital Equipment Fund
Donor	Chippewa County Community Chest
Amount	\$500
Fund	Physical Medicine Research Fund
Donor	The Foundry Educational Foundation
Amount	\$500
Fund	Foundry Educational Foundation Research
Purpose	For use of the Department of Mechanical Engineering for foundry educational activities, in accordance with correspondence filed supplement to the minutes, page 7820
Donor	M. Janet Lockhart, through the Greater University Fund
Amount	\$500
Fund	Blanche L. Thompson Memorial Scholarship Fund
Purpose	For a scholarship in memory of Blanche L. Thompson, in accordance with correspondence filed supplement to the minutes, page 7821
Donor	Radio Corporation of America
Amount	\$400
Fund	RCA Scholarship Fund
Donor	Powell Hall Carnival
Amount	\$400
Fund	Marion L. Vannier Scholarship
Donor	Norwegian Luncheon Club
Amount	\$381
Fund	Norwegian-American Graduate Fellowship Fund
Donor	Mrs. Dorothy B. A. Rood
Amount	\$368.75
Fund	University Theatre Building Fund
Donors	\$275.50 Various (memorials)
and	75 Woman's Auxiliary to the Hennepin County
Amounts	Medical Society
Fund	Heart Disease Research Fund

Donors	Student Activities Bureau, through the Greater University Fund
Amount	\$340.58
Fund	Foreign Student Emergency Aid and Scholarship Fund
Donor	Korea Presbyterian Mission
Amount	\$277.78
Fund	All-University Scholarship
Donor	National Science Foundation
Amount	\$220
Fund	National Science Foundation Travel Fund
Purpose	For expenses of Professor William G. Shepherd at the International Scientific Radio Union, in accordance with correspondence filed supplement to the minutes, page 7822
Donor	Mrs. Marion B. Nordal
Amount	\$100
Fund	Art Department, Duluth Branch
Donor	Senator Donald Sinclair, through the Minnesota Medical Foundation
Amounts and Funds	\$150 Jacob G. Cohen Loan Fund 150 Physical Medicine Research Fund
Donors and	\$25 Mr. William O. Hall 25 Mr. W. C. Jones
Amounts Fund	Public Administration Fellowship Fund
Donor	Waseca County Farm and Home Association
Amount	\$50
Fund	Waseca County Farm and Home Management Fund
Donors and	\$10 M.S.S. Jewel Shaw Circle 10 Faculty Women's Club (Mother's Section)
Amounts	10 Alpha Advance Club 10 Faculty Women's Club (Youth Activities Section) 10 Eleanor Schultz
Fund	Hospital Budget
Donor	SPAN
Amount	\$25
Fund	University of Minnesota—SPAN Scholarships
Donor	Minnesota Medical Foundation
Amount	\$23
Fund	Watson P. Davidson Fund for Research in Cancer
Donor	Sigma Delta Chi Journalism Society
Amount	\$19
Fund	Elliott M. Baron Memorial Award



Donor	Misses Margaret H. and Eleanor Burr
Amount	\$15
Fund	Watson P. Davidson Fund for Research in Cancer
Donor	Irene Ann Sobotka, through the Greater University Fund
Amount	\$15
Fund	Katharine Densford Scholarship Fund
Donor	Mr. and Mrs. Josiah E. Brill
Amount	\$10
Fund	Neurology Research
Donor	Anonymous
Amount	\$10
Fund	Booth Memorial Hospital Fund
Donor	Wesley Foundation, through the Greater University Fund
Amount	\$5
Fund	Robert (Tsai-Hsing) Chen Memorial Loan Fund

Voted to accept with thanks the following gifts from Mr. Hugh M. Roberts, Duluth, Minnesota, to the Department of Anthropology :

Beaded birch-bark basket  
 Copper knife  
 2 bead necklaces, with some  
 copper tinklers  
 2 steel arrowheads  
 Chalcedony arrowhead  
 Flaked stone knife  
 Part of a "strike-a-lite"  
 Some small fragments of iron and  
 copper

Voted to accept with thanks gift of miscellaneous equipment, valued at approximately \$200, from the Western Electric Company, New York, to the Department of Mechanical Engineering.

Voted to accept with thanks gift of six pumping units from the Electric Machinery Manufacturing Company, to the Hydraulic Laboratory, Institute of Technology.

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 7823.

Voted to approve transfers of funds No. 3501 to No. 4000.

Voted to approve journal vouchers No. 11001 to No. 16000 with the exception of No. 12001 to No. 13500.

Voted to approve requisitions No. 84104 to No. 86518, \$596,101.19.

Voted to adjourn.

W. T. MIDDLEBROOK, Secretary