

UNIVERSITY OF MINNESOTA
BOARD OF REGENTS
MINUTES

November 21, 1953

A meeting of the Board of Regents was held in the Regents' Room, Administration Building, on Saturday, November 21, 1953, at nine-thirty o'clock.

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

Voted to approve the following terminations of employment:

Owen P Lamb Research Fellow Civil Engineering St Anthony Falls Laboratory effective November 6, 1953

James G Hamilton, Jr Research Assistant Hormel Institute effective October 31, 1953

Herman Delancy Medical Fellow Surgery effective October 31, 1953

Helen S Nelson Tabulating Equipment Operator Comptroller effective November 13, 1953

Florence A York Clerk-Typist Comptroller effective November 2, 1953

Betty Lou Campbell Clerk-Typist Admissions and Records effective October 21, 1953

Myrtle R Swiggum Senior Clerk Admissions and Records effective December 16, 1953

Eunice Petrik Clerk Alumni Relations effective October 23, 1953 (transferred to miscellaneous payroll)

Rodris C Roth Clerk Alumni Relations effective October 23, 1953

Robert R Sticha Laborer General Storehouse effective October 30, 1953

Joseph W Zins Truck Driver General Storehouse effective October 30, 1953

Ardyce J Person Senior Clerk-Typist University Relations effective October 30, 1953

Gunnel I Lindman Senior Clerk Library effective October 27, 1953

Jacqueline Smith Junior Librarian Library effective November 30, 1953

Mary C Schumacher Senior Clerk Bureau of Veterans Affairs effective November 20, 1953

Anne F Carlson Principal Secretary Protection and Investigation effective November 6, 1953

Clarence P Stewart Roundsman Protection and Investigation effective September 30, 1953

Marlys Y Broadbent Clerk-Stenographer Physics effective October 30, 1953

Gaylord H Peterson Senior Laboratory Machinist Physics effective October 27, 1953

Mary C Twistol Clerk-Stenographer Electrical Engineering effective October 20, 1953

Clayton H Pengra Senior Laboratory Machinist Mechanical Engineering effective October 26, 1953

Robert F Daveluy Laboratory Technologist Mechanics and Materials effective November 9, 1953

Harry Leggo Laborer Mines Experiment Station effective October 2, 1953

Douglas Boyce Electronics Mechanic Aeronautical Engineering Rosemount effective November 4, 1953

Churley Jones Junior Engineer Aeronautical Engineering Rosemount effective November 5, 1953

Kenneth Graham Electronics Mechanic Aeronautical Engineering Rosemount effective November 2, 1953

Janet M Miller Secretary Plant Pathology and Botany effective November 2, 1953

Violet E Noehl Laboratory Attendant Veterinary Science effective October 30, 1953

Patricia Anderson Senior Clerk-Typist Agricultural Extension Service effective October 19, 1953

Rajah H Kolb Secretary Agricultural Extension Service effective November 16, 1953

Gerardus Tuin Laborer Animal Husbandry Experiment Station Funds effective October 19, 1953

Doris Hinspeter Clerk-Typist Administration College of Education effective November 5, 1953

Patricia A Huebsch Senior Clerk-Typist Extension Classes effective November 3, 1953

Miriam H Wellumson Senior Clerk-Typist Correspondence Study Instruction effective November 3, 1953

Lois A Hamilton Laboratory Technologist Pediatrics Research Funds effective October 19, 1953

Alverne Bakken Building Caretaker Physical Plant effective October 27, 1953 (transferred to miscellaneous payroll)

Marilyn E Mankoff Senior Clerk-Typist Students Health Service effective November 3, 1953

Jean L Barck Production Assistant University Press effective November 27, 1953

Edward R Wilson Communications Engineer Audio-Visual Education Service effective November 6, 1953

DeLoris C Engelhart Laboratory Technician Neurology Research Funds effective October 30, 1953

Dorothy Aarsvold General Staff Nurse University of Minnesota Hospitals effective December 14, 1953

Annette Banwell Assistant Head Hospital Nurse University of Minnesota Hospitals effective December 9, 1953

Geneva V Clifford Custodial Worker University of Minnesota Hospitals effective November 5, 1953

Norma L Shepherd Operating Room Nurse University of Minnesota Hospitals effective October 30, 1953

Sally Anderson Laboratory Technologist Variety Club Heart Hospital effective December 1, 1953

Mary Evenson General Staff Nurse Variety Club Heart Hospital effective November 30, 1953

Joyce E Morsching General Staff Nurse Variety Club Heart Hospital effective November 5, 1953

Arlene A Savela recipient of a Junior Achievement of Minneapolis, Incorporated Scholarship effective October 26, 1953

Clarence E Henke recipient of a Lake Superior Mining Institute Scholarship effective October 26, 1953

John C Stone recipient of a Lake Superior Mining Institute Scholarship effective December 16, 1953

Voted to approve the following appointments :

Francisco Grande as Associate Professor School of Public Health Laboratory of Physiological Hygiene Research Funds December 16, 1953 to June 15, 1954 at the rate of \$6,000 Term BT

Richard W Anderson as Associate Professor Psychiatry and Neurology Minneapolis General Hospital October 1, 1953 to June 30, 1954 at the rate of \$9,000 Term AT

Miriam C Andrus continuation of appointment as Clinical Assistant Professor School of Social Work without salary for 1953-54

Sue H Mason continuation of appointment as Clinical Assistant Professor School of Social Work without salary for 1953-54

Herbert M Hirsch as Assistant Professor Physiology Research Funds November 1, 1953 to June 30, 1954 at the rate of \$6,000 Term AT

Leo G Reeder continuation of appointment as Research Associate Graduate School Research Funds November 1-20, 1953 at \$382 Term C and as Research Associate Sociology November 21, 1953 to April 15, 1954 at \$2,506 Term C (\$6,300 A rate)

Dorothy D Hayes as Research Associate School of Social Work Research Funds October 1 to December 31, 1953 at \$900 Term CH47 (\$7,714 A rate)

Merle L Erickson as Research Associate Mechanical Engineering Research Funds October 16, 1953 to June 30, 1954 at the rate of \$6,300 Term AT

Rex Montgomery continuation of appointment as Research Associate Agricultural Biochemistry Research Funds November 1, 1953 to June 30, 1954 at the rate of \$6,740 Term AT

Robert L Butler continuation of appointment as Research Associate Entomology and Economic Zoology Research Funds October 16, 1953 to June 30, 1954 at the rate of \$5,880 Term AT

The following as Clinical Instructors School of Social Work without salary for 1953-54

Pearle E Anderson	Samuel Lerner
Joseph Astor	Gordon D Nelson
Mary E Blake	Richard J Parvis
Clifton T Browne	Margery E Peterson
Eleanor H Burks	Sylvia D Reisman
William E Dickerson	Harold F Schrage
Philippa H Eggleston	Rene M Schwartz
Louis Goldstein	Phyllis Van de Walle
Alden Halloran	Donald C Wilson
Maurine E Kornfeld	

David Welker continuation of appointment as Instructor Speech and Theater Arts December 16, 1953 to June 15, 1954 at the rate of \$1,789 Term BH50

Lorraine K Livingston as Instructor Rhetoric December 16, 1953 to June 15, 1954 at the rate of \$1,789 Term BHX50

Irving Brand as Instructor Law School November 1, 1953 to May 31, 1954 at \$700 Term CH18 (\$4,860 B rate)

Helen C Hanson as Instructor School of Nursing Research Funds October 1, 1953 to February 25, 1954 at \$1,999 Term CT (\$4,870 A rate)

Jeanette W Vanderwater as Research Fellow School of Chemistry Research Funds October 1, 1953 to June 30, 1954 at the rate of \$3,600 Term AHT86

Willis B Person as Research Fellow School of Chemistry Research Funds October 16, 1953 to June 30, 1954 at the rate of \$6,000 Term AT

John R Rowley as Teaching Assistant Botany October 1 to December 15, 1953 at \$390 Term CH50

Alfred L Fremder as Teaching Assistant Music for 1953-54 at \$702 Term BH25

Donald W Gieschen as Teaching Assistant Philosophy for 1953-54 at \$702 Term BH25

Richard L Schwoebel as Teaching Assistant Physics for 1953-54 at \$1,404 Term BHT50

Yoshimasa Naitoh as Teaching Assistant Psychology for 1953-54 at \$1,067 Term BH38

John J Fargen as Teaching Assistant General Education for 1953-54 at \$702 Term BH25

Greta B Buchwald as Teaching Assistant General College October 1 to December 15, 1953 at \$195 Term CH25

Anne W Carleton as Junior Scientist Graduate School Research Funds November 1, 1953 to June 30, 1954 at the rate of \$3,624 Term AT

Ruth M Rosendahl as Junior Scientist Graduate School Research Funds October 19, 1953 to March 31, 1954 at \$1,611 Term C (\$3,624 A rate)

Marilyn L Pederson as Clerk-Typist Professional Education Division Duluth Branch October 5, 1953 to June 30, 1954 at the rate of \$2,040 Term AT

Margaret A Thompson as Senior Clerk-Typist Extension Classes October 19, 1953 to June 30, 1954 at the rate of \$2,460 Term AT

Betty M Fearing as Clerk Correspondence Study Instruction October 19, 1953 to June 30, 1954 at the rate of \$2,040 Term A

Michael E Canfield as Radio Program Supervisor Radio Broadcasting October 16, 1953 to June 15, 1954 at \$2,800 Term CX (\$4,200 A rate)

Joann W Welinski as Senior Secretary Philosophy Research Funds November 1, 1953 to June 30, 1954 at the rate of \$2,700 Term AX

Arlene Koithan as 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

Mary K Weimer as Junior Scientist Medicine Research Funds October 1, 1953 to June 30, 1954 at the rate of \$3,624 Term AT

Helen E Opheim as Laboratory Technician Psychiatry and Neurology Research Funds October 19, 1953 to June 30, 1954 at the rate of \$2,400 Term AT

Sylvia L Lystad as Food Service Worker Comstock Hall October 20, 1953 to June 30, 1954 at the rate of \$2,040 Term AT

Lois M Karstad as Health Service Assistant Nursing Supervisor Students Health Service October 21, 1953 to June 15, 1954 at the rate of \$2,718 Term B

Mary A Rosenow as Dental Clinic Attendant Students Health Service October 23, 1953 to June 30, 1954 at the rate of \$2,280 Term A

Barbro M Persson as Clerk Mimeograph Department October 16, 1953 to June 30, 1954 at the rate of \$2,040 Term ATX

Mary J Archibald as Clerk University of Minnesota Hospitals December 1, 1953 to June 30, 1954 at the rate of \$2,040 Term A

Norma Prosnick as Assistant Administrative Nursing Supervisor University of Minnesota Hospitals December 1, 1953 to June 30, 1954 at the rate of \$3,816 Term A

Jeanne Staublin as Senior Dietitian Variety Club Heart Hospital December 1, 1953 to June 30, 1954 at the rate of \$3,600 Term A

The following as recipients of Alcoa Scholarships of \$500 each for 1953-54

John R Gardner
Donald C Mogen
Neil C Sher

Mechanical Engineering
Electrical Engineering
Chemical Engineering

so effectively of their time; and they commend them especially for their expressed desire that the prize money that has been won should be devoted to scholarships, thus encouraging other able students to carry forward their studies at the University.

Voted to accept with thanks the following gifts:

Donor	Law School Council, through the Greater University Fund
Amount	\$35,000
Fund	Wilbur H. Cherry Memorial Fund
Purpose	To transfer funds in the Law School Bookstore Fund, in accordance with resolution of the Law School Council, filed supplement to the minutes, page 7626.
Donor	American Spice Trade Association
Amount	\$10,335
Fund	American Spice Trade Association Research
Purpose	For research on the antioxidant properties of spices for the year 1953, in accordance with correspondence filed supplement to the minutes, page 7627.
Donor	United States Public Health Service
Amount	\$8,500
Fund	United States Public Health Service—Research on Heat and Cold on Central Nervous System
Donor	Minnreg Veterans Association
Amount	\$6,450
Fund	Society for Preservation and Encouragement of Barber-shop Quartette Singing in America—Medical Research Fund
Donor	National Livestock and Meat Board
Amount	\$5,300
Fund	National Livestock and Meat Board Research on Biochemistry of Fatty Acids
Donor	Miss Elisabeth M. Congdon
Amount	\$5,000
Fund	North Star Scholarship Fund
Donors	\$2,000 Alex J. Tankenhoff Foundation
and	2,000 Bayport Foundation
Amounts	
Fund	Neurology Research
Donor	General Electric Company
Amount	\$3,300
Fund	General Electric Company Fellowship in Chemistry

Robert D Tennison Mathematics Institute of Technology
Donald E Disselkamp Agricultural Engineering

Roberta A Loofbourow as recipient of a Sigma Theta Pi All-University Scholarship of \$150 for 1953-54 College of Science Literature and the Arts

Elaine M Beske as recipient of an Alpha Tau Delta Scholarship of \$100 for the fall and winter quarters of 1953-54 College of Education

Jean S Christopherson as recipient of a Louise C Ball Scholarship of \$100 for 1953-54 School of Dentistry

Myrtle E Glick as recipient of a Louise C Ball Scholarship of \$150 for 1953-54 School of Dentistry

James P Herberg as recipient of a University Bookstores Scholarship of \$150 for 1953-54 College of Science Literature and the Arts

Norman J Segal as recipient of a Nina Marais Cohen Scholarship of \$135.55 for 1953-54 Graduate School

Truman A Newberry as recipient of a Graduate School Tuition Scholarship for 1953-54 Graduate School

Robert E Dinsmore and Ralph B Swanson as recipients of Charles Pfizer and Company Scholarships of \$500 each for 1953-54 College of Medical Sciences

Emanuel E Nosowsky as recipient of a St Paul Central High School University of Minnesota Scholarship of \$125 for 1953-54 College of Medical Sciences

Carol J Steindorff as recipient of a Tozer Foundation Undergraduate Scholarship of \$400 for 1953-54 College of Education

The following as recipients of Sears Roebuck Scholarships of \$45 each for 1953-54 School of Agriculture

Leonard P Biermann
Dennis T Bottem
John E Erickson
Jerome A Gernes
Allton A Peterson

The following as recipients of Henry L Williams Tuition and Incidental Fee Memorial Scholarships for 1953-54

Stavros P Canakes	College of Education
Harry J Coates, Jr	College of Science Literature and the Arts
Vernon L Frye	College of Science Literature and the Arts
Robert G Hagemeister	School of Forestry
Melvin R Holme	College of Science Literature and the Arts
Gordon F Holz	College of Education
Michael W McMahon	College of Education
Joseph F Meighen, Jr	College of Science Literature and the Arts
Charles L Swanum	College of Science Literature and the Arts
David B Tucker	College of Education

Voted to approve the following special appointments:

Helen C Brown as Tabulating Equipment Operator Comptroller beginning October 26, 1953 at \$1.21 per hour (husband Ernest B Brown Associate Professor Physiology Term B)

Marjorie H Baertschi as Clerk Admissions and Records October 16, 1953 to June 30, 1954 at the rate of \$2,040 Term ATX (brother-in-law Walter Baertschi Hospital Orderly University of Minnesota Hospitals Term A)

Marcia H Kendall as Senior Clerk-Typist Bureau of Veterans Affairs October 26, 1953 to June 30, 1954 at the rate of \$2,532 Term ATX (husband John D Kendall Instructor English Term BHX67)

Mildred E Ekberg as Clerk-Typist Animal Husbandry beginning October 5, 1953 at \$170 per month (brother-in-law Ernest J Brink Senior Farm Laborer Animal Husbandry Term AX)

Billie S Gale as Secretary Rural Sociology Experiment Station Funds October 26, 1953 to June 30, 1954 at the rate of \$2,460 Term AX (husband Charles Gale Instructor Veterinary Science Term A)

June P McCartney as Senior Clerk-Typist Medicine October 13, 1953 to June 30, 1954 at the rate of \$2,460 Term AX (husband Kenneth McCartney Instructor School of Business Administration Term B)

Ruth A Erickson as Clerk-Typist Students Health Service October 22, 1953 to June 30, 1954 at the rate of \$2,040 Term ATX (mother Hazel J Foss Telephone Operation Supervisor University of Minnesota Hospitals Term A)

Delma M Fairman as Food Service Worker University of Minnesota Hospitals beginning October 7, 1953 at \$170 per month (brother-in-law Alfred E Cronk Associate Professor Aeronautical Engineering Term B)

Mavis L Ryan as General Staff Nurse University of Minnesota Hospitals beginning October 19, 1953 at \$1.50 per hour (cousin Maxine Hill Senior Clerk-Typist Mechanics and Materials Term AT)

Voted to approve the following promotions and transfers:

Arthur E Schneider Associate Professor School of Forestry at \$7,650 Term A to serve as Acting Director and Associate Professor at the rate of \$8,850 Term A November 1, 1953 to June 30, 1954

Richard B Raile from Instructor Pediatrics and Research Funds at \$4,770 Term AT to Instructor Pediatrics Research Funds and Minneapolis General Hospital Fellowships at the rate of \$6,600 Term AT October 1, 1953 to June 30, 1954

Chanchaldas F Mataney from Teaching Assistant School of Veterinary Medicine at \$1,872 Term AHT50 to Research Fellow at the rate of \$4,770 Term AT November 1, 1953 to June 30, 1954

Philip J Dziuk from Research Assistant Dairy Husbandry Research Funds at \$1,872 Term AHT50 to Research Fellow at the rate of \$4,770 Term AT October 1, 1953 to June 30, 1954

David R Arnott from Research Assistant Dairy Husbandry Experiment Station Funds at \$624 Term CHT50 September 1 to December 31, 1953 to Research Assistant Dairy Husbandry Research Funds at the rate of \$1,872 Term AHT50 September 1, 1953 to June 30, 1954

Lee H Hook Teaching Assistant School of Public Health at \$1,404 Term BH50 to receive in addition \$1,404 as Non-service Fellow School of Public Health Research Funds October 1, 1953 to June 30, 1954

Marcus O Kjelsberg Teaching Assistant School of Public Health at \$1,404 Term BH50 to receive in addition \$1,404 as Non-service Fellow School of Public Health Research Funds October 1, 1953 to June 30, 1954

Barbara R Anderson from Clerk Comptroller at \$2,040 Term A to Key Punch Operator at the rate of \$2,280 Term A October 21, 1953 to June 30, 1954

Donna Gibson from Senior Clerk Comptroller at \$2,748 Term AT to Senior Account Clerk at the rate of \$3,024 Term A October 20, 1953 to June 30, 1954

Rosalie A Kiviahio from Clerk Comptroller at \$2,100 Term A to Senior Clerk at the rate of \$2,460 Term AT October 20, 1953 to June 30, 1954

Lula V Reineccius from Senior Clerk Experiment Station Institute of Agriculture at \$2,820 Term A to Senior Account Clerk at the rate of \$3,024 Term A September 1, 1953 to June 30, 1954

Donald J Reynolds from Laboratory Animal Attendant Surgery Research Funds at \$1,610 Term CT (\$2,592 A rate) September 1, 1953 to April 15, 1954 to Senior Laboratory Animal Attendant at \$1,350 Term CT (\$2,700 A rate) October 16, 1953 to April 15, 1954

Ruth E Browne from Cashier Students Health Service at \$2,712 Term AX to Senior Cashier at the rate of \$3,264 Term AX November 1, 1953 to June 30, 1954

Mary A Salovich from Clerk-Typist Students Health Service at \$2,040 Term AT to Senior Clerk at the rate of \$2,460 Term A October 1, 1953 to June 30, 1954

Vivian A Bader from Clerk-Typist Surgery Research Funds at \$1,050 Term CT (\$2,100 A rate) July 1 to December 31, 1953 to Senior Clerk-Typist at \$615 Term CT (\$2,460 A rate) October 1 to December 31, 1953

Nora K Banas from Senior Custodial Worker University of Minnesota Hospitals at \$2,400 Term A to Food Service Worker at the rate of \$2,220 Term A October 21, 1953 to June 30, 1954

Kathryn M Murphy from Social Worker University of Minnesota Hospitals at \$3,816 Term A to Social Worker and Instructor without change in salary rate or term October 1, 1953 to June 30, 1954

Rose V Thomas from Assistant Head Hospital Nurse University of Minnesota Hospitals at \$3,396 Term A to Head Hospital Nurse at the rate of \$3,504 Term A November 1, 1953 to June 30, 1954

Voted to approve the following salary adjustments:

Helen E Sherrill Associate Professor School of Home Economics from the rate of \$7,000 Term A to the rate of \$7,180 Term A September 1, 1953 to June 30, 1954

F Hazen Dick Lecturer School of Public Health without salary to receive \$1,042 for 17% time (\$7,880 B rate) November 16, 1953 to June 15, 1954

Archibald D Kincaid, Jr Lecturer School of Public Health without salary to receive \$1,042 for 17% time (\$7,880 B rate) November 16, 1953 to June 15, 1954

Telmer O Peterson Lecturer School of Public Health without salary to receive \$1,042 for 17% time (\$7,880 B rate) November 16, 1953 to June 15, 1954

Harold O Bahlke Instructor Rhetoric at \$1,789 Term BH50 to receive \$1,192 for 50% additional time December 16, 1953 to June 15, 1954

Eugene C Miller Instructor Southern School of Agriculture at \$3,713 from Term E to Term C September 1, 1953 to May 31, 1954

John S Burleigh Instructor Anatomy from \$400 Term CHT33 (\$3,600 B rate) to \$428 Term CHT33 (\$3,852 B rate) for the fall quarter of 1953-54

Anna M Duval Instructor Science and Mathematics Duluth Branch from \$596 Term CHX50 (\$3,578 B rate) to \$795 Term CHX67 (\$3,578 B rate) for the fall quarter of 1953-54

Charles Benrud Ramsey County Agricultural Agent Instructor Agricultural Extension Service from \$5,000 (\$3,685 University \$1,315 County) Term AH74 to the rate of \$5,100 (\$3,740 University \$1,360 County) Term AH73 January 1 to June 30, 1954

Paul W Brown Hennepin County Club Agent Instructor Agricultural Extension Service from \$4,140 (\$3,565 University \$575 County) Term AH86 to the rate of \$4,650 (\$3,565 University \$1,085 County) Term AH77 January 1 to June 30, 1954

Elizabeth A Burr Hennepin County Home Agent Assistant Professor Agricultural Extension Service from \$4,600 (\$3,565 University \$1,035 County) Term AH78 to the rate of \$4,800 (\$3,565 University \$1,235 County) Term AH74 January 1 to June 30, 1954

William E Dorsey Hubbard County Agricultural Agent Instructor Agricultural Extension Service from \$4,500 (\$3,685 University \$815 County) Term AH82 to the rate of \$4,900 (\$3,740 University \$1,160 County) Term AH76 January 1 to June 30, 1954

Richard D Herman Kanabec County Agricultural Agent Instructor Agricultural Extension Service from \$4,000 (\$3,685 University \$315 County) Term AH92 to the rate of \$4,255 (\$3,740 University \$515 County) Term AH88 January 1 to June 30, 1954

George G Roadfeldt Hennepin County Agricultural Agent Assistant Professor Agricultural Extension Service from \$5,800 (\$3,685 University \$2,115 County) Term AH64 to the rate of \$6,100 (\$3,740 University \$2,360 County) Term AH61 January 1 to June 30, 1954

Jean J Thompson Swift County Home Agent Instructor Agricultural Extension Service from \$3,700 (\$3,500 University \$200 County) Term AH95 to the rate of \$3,800 (\$3,565 University \$235 County) Term AH94 January 1 to June 30, 1954

Fred E Wetherill Nicollet County Agricultural Agent Instructor Agricultural Extension Service from \$6,000 (\$3,685 University \$2,315 County) Term AH61 to the rate of \$6,200 (\$3,740 University \$2,460 County) Term AH60 January 1 to June 30, 1954

Wayne A Martin Teaching Assistant Science and Mathematics Duluth Branch from \$1,404 Term BH50 to \$1,872 Term BH67 for 1953-54

Richard R Ruegamer Engineering Assistant Mechanics and Materials from \$3,336 Term AT to the rate of \$3,432 Term AT October 1, 1953 to June 30, 1954

J Daniel Palm Junior Scientist Dight Institute from \$2,544 Term AHTX67 (\$3,816 A rate) to the rate of \$3,816 Term ATX October 1, 1953 to June 30, 1954

Voted to approve the following leaves of absence:

George B Vold Professor Sociology sabbatical furlough for the spring quarter of 1953-54 for travel in Europe and for personal observation and study of changes now taking place in the ideology and in the practices of European penology

Athelstan F Spilhaus Dean and Professor Institute of Technology leave with salary November 11 to December 2, 1953 to attend the Eighth Pacific Science Congress at the University of the Philippines as one of ten United States delegates and as a member of the official delegation of the National Research Council

E R G Eckert Professor Mechanical Engineering leave with salary November 30 to December 9, 1953 for attendance and presentation of a technical paper at ASME national meeting and to lecture at the University of Karlsruhe, Germany

Lynwood G Downs Acting Chairman Associate Professor German sabbatical furlough for 1954-55 to take a refresher course in Europe to revitalize teaching

Delmer J Rodabaugh Assistant Professor Rhetoric leave without salary for the winter and spring quarters of 1953-54 to complete work on a textbook for the L W Singer Company

John E Verrill Assistant Professor Professional Education Division Duluth Branch sabbatical furlough for 1954-55 to continue and complete residence requirement and course work for the Doctor's degree at the University of Wisconsin

Robert H Brower Instructor Slavic and Oriental Languages leave without salary for the spring quarter of 1953-54 for study and research in Japan

Irwin H Kaiser Instructor Obstetrics and Gynecology 5% time leave without salary January 1 to June 30, 1954 in order to make two visits a month to the Anoka State Sanatorium for the purpose of supplying both undergraduate and graduate teaching material and some clinical material which it is desirable to have at the University Hospital (leave salary to be paid by Anoka State Sanatorium)

Judith C Nord West Ottertail County Home Agent Assistant Professor Agricultural Extension Service leave without salary November 1, 1953 to January 31, 1954 on account of illness in family

Virginia Doneghy Principal Librarian Library leave without salary November 1 to December 31, 1953 for professional reading and study

Alvin Corcoran Manager Cold Storage Plant continuation of leave without salary November 13-30, 1953 on account of illness

Margaret A Wedge Clerk Admissions and Records leave without salary September 28 to October 9, 1953 on account of illness

Michael A Harty Assistant Herdsman Northwest School and Experiment Station leave without salary October 27, 1953 to June 30, 1954 for military service

Richard F Wagner Farm Laborer West Central School and Experiment Station leave without salary October 16 to November 15, 1953 for personal reasons

Helen B Stricks Senior Secretary Administration College of Medical Sciences leave without salary October 23 to December 31, 1953 on account of illness

Kathryn J Bellows Principal Secretary Institute of Child Welfare 13% time leave without salary October 16 to December 15, 1953 to reduce service due to an accident

Barbara L Cramer Clerk-Stenographer Correspondence Study Instruction leave without salary November 1-30, 1953 for travel

Viola Altman Custodial Worker Physical Plant continuation of leave without salary November 1 to December 31, 1953 for personal reasons

Marie C Pasco Custodial Worker Pioneer and Centennial Halls leave without salary September 23 to October 4, 1953 on account of illness

Paul W Larson Student Union Manager University Village Union leave without salary October 16 to December 31, 1951 on account of curtailment of operations of the Village Union

Lorene F Harris Printers Assistant Mimeograph and Bulletins leave without salary October 14-23, 1953 on account of illness

Gale M Feller Laboratory Technologist Dight Institute leave without salary October 1, 1953 to June 1, 1954 to join husband who is stationed in California

Loren E Parks Engineering Assistant Physics Research Funds leave without salary October 16-31, 1953 for personal reasons

Edna Bachman Food Service Worker University of Minnesota Hospitals leave without salary October 26 to November 6, 1953 on account of illness

Clara Johnson Food Service Worker University of Minnesota Hospitals leave without salary October 28 to November 15, 1953 on account of illness

Joan Mowat General Staff Nurse University of Minnesota Hospitals leave without salary October 30 to November 5, 1953 for vacation

Janis L Pallister Clerk-Typist University of Minnesota Hospitals leave without salary November 20 to December 8, 1953 to take examination for Doctor's degree

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

David W. French, Associate Professor, Plant Pathology, Institute of Agriculture, to serve as consultant and to undertake a limited amount of experimental work on the deterioration of wood and its products, for the Minnesota and Ontario Paper Company and the Insulation Board Institute

Henry Wade, Acting Director of the Mines Experiment Station, to serve as a consultant to the Wm. Bros Boiler and Manufacturing Company of Minneapolis

Voted to approve memorandum of agreement with the St. Paul School of Art, covering courses to be offered through the General Extension Division during 1953-54, filed supplement to the minutes, page 7593.

Voted to approve contract with the Orchestral Association of Minneapolis covering concerts by the Minneapolis Symphony Orchestra during 1953-54, filed, supplement to the minutes, page 7594.

Voted on recommendation of the Supervising Engineer and the Business Vice President to approve acceptance of the following low bid for the elevator installation, Peik Hall:

Westinghouse Electric Corporation, Elevator Division

Base bid	\$20,270	
Less Alternate No. 1	286	
Total		\$19,984

Source of funds, Legislative appropriation

Voted on recommendation of the Supervising Engineer, the Business Vice President, and the Advisory Architect, to approve acceptance of the following low bids for the

construction of headhouse and greenhouse unit No. 3, on the St. Paul Campus:

General

James Steele Construction Company, St. Paul
Base bid \$37,980

Plumbing, Heating, and Ventilating

A. V. Winterer and Sons, Inc., St. Paul
Combination Bid A-3 15,765

Electrical

Harris Brothers Plumbing Company, Minneapolis
Bid A-4 5,000

Total bids		\$58,745
Architects' and Engineers' Fees	\$2,938	
Supervision of construction	2,500	
		<hr/> 5,438
		<hr/> \$64,183
Equipment, additional construction work, and contingencies		35,817
		<hr/> \$100,000

Source of funds, Legislative appropriation, 1953, \$100,000

Time of completion, March 1, 1953

The President reported for the information of the Board report of the Visitor's Committee of the Minnesota State Horticultural Society on the Fruit Breeding Farm, filed supplement to the minutes, page 7595.

Voted to approve the transfer of the administration of the Alpha Tau Delta Scholarship Fund from the School of Nursing to the Bureau of Student Loans and Scholarships.

Voted to authorize transfer of \$100,560 from the John J. Bittner Cancer Research Endowment Fund to the George Chase Christian Memorial Cancer Fund, and \$10,000 from the Bittner Fund to a Lectureship Fund in Cancer Biology and/or Physiology.

The Business Vice President and Regent Griggs discussed with the Regents the proposed distribution of the anticipated total of \$1,300,000 between the Student Center and the Dormitory set-up, statement filed supplement to the minutes, page 7596, and the possibility of further con-

tributions of approximately \$80,000 to \$100,000 for the construction of the Dormitory Unit.

The Business Vice President having discussed with the Board report on the need and finances of a laundry building, voted to approve the preparation of plans and specifications for the building, to be located on the site of the Oak Street Laboratory.

The President reported to the Board that Dr. E. E. Novak had been honored by the Red Poll Cattle Breeders Association at its annual dinner in Topeka, Kansas on November 1, 1953, for distinguished service to breeders of Red Poll cattle.

Regent James F. Bell having reported his intention to provide to the Trustees an endowment of \$100,000 for support of the James Ford Bell Room in the Library, voted an expression of appreciation.

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

A-1s-33469, Supplement No. 1, Department of Agriculture, extension of time and increase in amount, filed supplement to the minutes, page 7597.

AF 33(616)-2178, Change Order No. C-1, Air Force, revision in testing program, filed supplement to the minutes, page 7598.

AF 33(038)-15422, Change Order C-6, Air Force, extension of time, filed supplement to the minutes, page 7599.

DA-33-008-ORD-378, P. O. No. H-63311, Army, Ordnance (International Harvester Company), extension of time and increase in amount, filed supplement to the minutes, page 7600.

Nord-10346, Amendment No. 11, Navy, Bureau of Ordnance, extension of time and increase in amount, filed supplement to the minutes, page 7601.

Nonr 710(00), Amendment No. 4, Navy, Office of Naval Research, revision of terms in basic agreement, filed supplement to the minutes, page 7602.

Nonr 710(05), Amendment No. 2, Navy, Office of Naval Research, extension of time, filed supplement to the minutes, page 7603.

TA-77-170, Foreign Operations Administration, training of two Turkish nationals, filed supplement to the minutes, page 7604.

The President reported that in accordance with the authority granted him by the Board he had approved one contract for research with the United States Government, filed supplement to the minutes, page 7605.

Voted to approve the following applications for grants :

\$67,309.89 to the United States Air Force, Wright-Air Development Center, by Professor J. D. Akerman, Aeronautical Engineering, for investigation of heat storage materials and cooling systems

\$40,460 to the Life Insurance Medical Research Fund, by Professor George A. Young, Hormel Institute, for research on viral infections as instigators of cardiovascular disease

\$20,000 to the United States Atomic Energy Commission, by Professor G. W. Preckshot, Chemical Engineering, for renewal of contract

\$15,000 to the United States Public Health Service, by Dr. Jerome T. Syverton, Bacteriology and Immunology, for research on cancer

\$14,863 to the Life Insurance Medical Research Fund, by Dr. Maurice B. Visscher, Physiology, for research on analysis of errors in organ blood flow measurements

\$11,350 to the W. K. Kellogg Foundation, by Mr. James Hamilton, Director of the Division of Hospital Administration, for partial support of the Hospital Administration course

\$6,000 to the United States Public Health Service, by Professor Paul E. Meehl, Psychology, for continuance of training program in clinical psychology

\$5,675 to the American Cancer Society, Inc., by Dr. Jerome T. Syverton, Bacteriology and Immunology, for research on cancer

Voted to accept with thanks the following gifts :

Donor Damon Runyon Memorial Fund for Cancer Research, Inc.

Amount \$10,000

Fund Damon Runyon Cancer Research—Therapy of Cancer

Donor Wisconsin Cooperative Bull Studs

Amount \$4,100

Fund Wisconsin Cooperative Bull Studs Fund

Purpose For research in accordance with memorandum of agreement filed supplement to the minutes, page 7606.

Donors Mr. and Mrs. Abe Sechter

Amount \$3,000 (\$300 a year for 10 years)

Fund Neurology Research Fund

Donor General Mills, Inc.

Amount \$2,500

Fund General Mills Research on the Carbohydrates in Wheat

Donors and Amounts	\$1,211	National Committee of Boys and Girls Club Work
	450	Farm Underwriters Association
	131.25	Republic Steel Corporation
	75	King Midas Flour Mills
	75	Herman W. Miller
	75	Webb Publishing Company
Fund	4-H Club Fund	
Donor Amount Fund	\$2,000	Northwest Feed Manufacturers Association
Purpose		Northwest Feed Manufacturers Association Research in Swine and Pigs Nutrition Requirements
		For research in the Department of Animal Husbandry, in accordance with memorandum filed supplement to the minutes, page 7607.
Donor Amount Fund	\$2,000	Nutrition Foundation, Inc.
		Nutrition Foundation, Inc., Vitamin E Research
Donor Amount Fund	\$1,000	Hennepin County Tuberculosis Association
		Dr. E. S. Mariette Scholarship Fund
Donors Amount Fund	\$631.75	Various (memorials)
		Heart Hospital Equipment Fund
Donor Amount Fund	\$365	Lester M. Sears
		Auditorium and Stadium Pledge
Donor Amount Fund	\$300	Mr. Georges Spierer
		All-University Scholarship Fund
Donors Amount Fund	\$200	Friends and associates of Mr. Clyde Stephens, and Mrs. Stephens
Purpose		Clyde Stephens Memorial Music Collection
		To establish a memorial for Professor Clyde Stephens, in accordance with correspondence filed supplement to the minutes, page 7608.
Donor Amount Fund	\$200	French Government
		French Government Scholarship
Donor Amount Fund	\$100	Comstock Hall
		Maria Starovich Memorial Scholarship Fund

Donor	Anonymous
Amount	\$10
Fund	Booth Memorial Hospital
Donor	Mrs. R. W. Laird
Amount	\$10
Fund	Heart Disease Research Fund
Donor	Mrs. Betty J. Riedler
Amount	\$10
Fund	University Artists Course Music Scholarship

Voted to accept with thanks gift of a 500-pound electric hoist from P. & H. Harnischfeger Corporation, Milwaukee, Wisconsin, to the Department of Electrical 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 7609.

Voted to approve transfers of funds No. 1001 to No. 1500, with the exception of Nos. 1150 and 1156.

Voted to approve journal vouchers No. 2001 to No. 3000.

Voted to approve requisitions No. 70960 to No. 72614, \$474,255.97.

Voted to adjourn.

W. T. MIDDLEBROOK, Secretary

UNIVERSITY OF MINNESOTA
BOARD OF REGENTS
MINUTES

December 11, 1953

A meeting of the Board of Regents was held in the Regents' Room, Administration Building, on Friday, December 11, 1953, at ten o'clock.

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

Voted to approve the following amendment of minutes:

October 24, 1953, leave of absence for Mary L McIlhany Medical Fellow Mayo Foundation leave without salary October 1, 1953 to March 31, 1954 for personal reasons to read leave with salary

Voted to approve the following retirement:

Clara M Oberg Ramsey County Club Agent Instructor Agricultural Extension Service to retire on State Employees Retirement beginning November 1, 1953

Voted to approve the following terminations of employment:

Frank A Loeffel Instructor Agronomy and Plant Genetics effective November 30, 1953

Paul L Engel Research Fellow Geology Graduate School Research Funds effective November 15, 1953

David Bloom Research Fellow Physiological Chemistry Research Funds effective November 30, 1953 (transferred to miscellaneous payroll)

Tsai-Hsing Chen Research Fellow Agricultural Engineering Research Funds effective November 2, 1953 (deceased)

Martin J Korsman North St Louis Country Club Agent Instructor Agricultural Extension Service effective November 3, 1953

Elaine M Trygestad Stearns County Home Agent Instructor Agricultural Extension Service effective December 7, 1953

Gen Ogata Research Assistant Bacteriology and Immunology Research Funds effective October 30, 1953

Barbara Chase Cook University of Minnesota Hospitals effective November 30, 1953

Mardelle A Clarke General Staff Nurse University of Minnesota Hospitals effective December 20, 1953

Betty J Eggestein Hospital Aide University of Minnesota Hospitals effective December 7, 1953

Rosemary Holley Clerk University of Minnesota Hospitals effective November 27, 1953

Clara Johnson Food Service Worker University of Minnesota Hospitals effective October 30, 1953

Kathryn LaMoe Operating Room Nurse University of Minnesota Hospitals effective November 24, 1953

Marlene M Ludwig Secretary University of Minnesota Hospitals effective December 18, 1953

Janis L Pallister Clerk-Typist University of Minnesota Hospitals effective November 19, 1953

Richard H Dean recipient of a Tozer Foundation Undergraduate Scholarship effective November 17, 1953

Voted to approve the following appointments:

Mary L Bouldin as Assistant Professor Professional Education Duluth Branch December 16, 1953 to June 15, 1954 at the rate of \$5,000 Term BX

Dorothy M Burrows continuation of appointment as Instructor English for the winter quarter of 1953-54 at \$1,243 Term CH67 (\$5,595 B rate)

Barbara A Millner as Instructor North Central School and Experiment Station October 16, 1953 to March 31, 1954 at the rate of \$930 Term DH40 (\$2,325 D rate)

John D Krafchuk as Clinical Instructor Medicine October 1, 1953 to June 30, 1954 at the rate of \$2,400 Term AH50

Charles W Field as Clinical Instructor Surgery without salary October 20, 1953 to June 30, 1954

Ralph Haugen continuation of appointment as Instructor General College for the winter quarter of 1953-54 at \$596 Term CH50 (\$3,578 B rate)

Robert J Nadon continuation of appointment as Instructor General College for the winter quarter of 1953-54 at \$398 Term CH33 (\$3,578 B rate)

Gabriel G Nahas continuation of appointment as Research Fellow Physiology Research Funds October 16 to November 30, 1953 at \$596 Term CT (\$4,770 A rate)

Ramesh C Kapoor as Research Fellow School of Chemistry Research Funds November 16 1953 to June 30, 1954 at the rate of \$3,600 Term AHT86

Mary T Donovan as Grant County Assistant County Home Agent Agricultural Extension Service November 12-30, 1953 at \$169 Term C (\$3,300 A rate) and as Pine County Home Agent Instructor December 1, 1953 to June 30, 1954 at the rate of \$3,400 Term A

Irene D Skoglund as Stearns County Home Agent Instructor Agricultural Extension Service January 4 to June 30, 1954 at the rate of \$3,700 (\$3,565 University \$135 County) Term AH96

Roman P Wengler as Teaching Assistant Civil Engineering and Hydraulics November 16, 1953 to June 15, 1954 at \$1,092 Term CH50

Paul M Chung as Teaching Assistant Mechanical Engineering for the spring quarter of 1953-54 at \$468 Term CHT50

Rudolph C Muska continuation of appointment as Teaching Assistant General College for the winter quarter of 1953-54 at \$234 Term CH25

Carrol C Dean as Teaching Assistant School of Social Work Research Funds November 1, 1953 to June 15, 1954 at the rate of \$702 Term BH25

Tom K Toyama as Research Assistant Horticulture Experiment Station Funds at \$430 for 17% time November 16, 1953 to April 30, 1954 and 23% time May 1 to June 30, 1954

Robert L Glass continuation of appointment as Research Assistant Agricultural Biochemistry Research Funds at the rate of \$1,872 Term AHT50 and Laboratory Animal Attendant at the rate of \$1,260 Term AHT50 January 1 to June 30, 1954

John W Lee continuation of appointment as Research Assistant Agricultural Biochemistry Research Funds January 1 to June 30, 1954 at the rate of \$1,872 Term AHT50

Fred E Lux as Research Assistant Entomology and Economic Zoology Research Funds November 1, 1953 to June 15, 1954 at \$1,170 Term CHT50

Donald H Zdenek as Administrative Fellow Dean of Students Bureau of Loans and Scholarships November 9, 1953 to June 30, 1954 at the rate of \$1,872 Term AH50

Lewis S Carey as Medical Fellow Surgery Mayo Foundation for three years beginning October 1, 1953 at the rate of \$1,110 Term AH

A P M Forrest continuation of appointment as Medical Fellow Physiology Mayo Foundation October 1-31, 1953 at the rate of \$1,110 Term AH

Marilyn Schissel as Secretary Office of the President November 30, 1953 to June 30, 1954 at the rate of \$2,460 Term A

Deloris A Haugan as Key Punch Operator Comptroller November 9, 1953 to June 30, 1954 at the rate of \$2,280 Term A

Anita C Hewetson as Clerk-Typist Comptroller November 12, 1953 to June 30, 1954 at the rate of \$2,040 Term AT

Ann M LaDue as Senior Clerk-Typist Comptroller November 16, 1953 to June 30, 1954 at the rate of \$2,460 Term AT

Jennie M Murphy as Clerk-Typist Comptroller October 26, 1953 to June 30, 1954 at the rate of \$2,040 Term A

Shirley J Nelson as Clerk-Typist Comptroller November 18, 1953 to June 30, 1954 at the rate of \$2,040 Term AT

Elizabeth P Shippee as Student Personnel Worker Dean of Students Student Activities Bureau November 2, 1953 to June 30, 1954 at the rate of \$3,816 Term A

Shirley M Studer as Clerk-Typist Alumni Relations November 10, 1953 to June 30, 1954 at the rate of \$2,040 Term A

Albert K Jones as Truck Driver General Storehouse November 10, 1953 to June 30, 1954 at the rate of \$2,580 Term A

David B Nelson as Stores Clerk General Storehouse November 17, 1953 to June 30, 1954 at the rate of \$2,040 Term AT

Robert Wagstrom as Laborer General Storehouse November 16, 1953 to June 30, 1954 at the rate of \$2,460 Term A

Jeanette V Crosswell as Senior Clerk-Typist University Relations November 6, 1953 to June 30, 1954 at the rate of \$2,460 Term A

Alice G Swanson as Junior Librarian Library September 21, 1953 to June 30, 1954 at the rate of \$3,384 Term A

Fred E Freeman as Roundsman Protection and Investigation November 9, 1953 to June 30, 1954 at the rate of \$3,264 Term AT

Roger M Jolicoeur as Roundsman Protection and Investigation November 17, 1953 to June 30, 1954 at the rate of \$3,264 Term AT

Milton E Wellnitz as Roundsman Protection and Investigation November 16, 1953 to June 30, 1954 at the rate of \$3,264 Term AT

Marise E Dutton as Senior Secretary English September 21, 1953 to June 30, 1954 at the rate of \$2,700 Term A

Laura Raske as Clerk-Typist Physics October 21, 1953 to June 30, 1954 at the rate of \$2,040 Term AT

Harry J Winslow as Engineering Assistant Mechanics and Materials October 19, 1953 to June 30, 1954 at the rate of \$3,336 Term AT

William H Gates as Laboratory Machinist Aeronautical Engineering Rosemount November 1, 1953 to June 30, 1954 at the rate of \$3,600 Term AT

Myra E Smart as Clerk-Typist School of Veterinary Medicine November 16, 1953 to June 30, 1954 at the rate of \$2,040 Term A

Elaine M Sigurdson as Senior Clerk-Typist Agricultural Extension Service November 3, 1953 to June 30, 1954 at the rate of \$2,460 Term A

Richard W Johnson as Assistant Herdsman Northwest School and Experiment Station November 9, 1953 to June 30, 1954 at the rate of \$2,640 Term ATX

Henry I Grothe as Farm Laborer West Central School and Experiment Station October 20, 1953 to June 30, 1954 at the rate of \$2,280 Term AT

Leola M Morkin as Laboratory Technician Pathology November 16, 1953 to June 30, 1954 at the rate of \$2,400 Term AX

Earle J Hofstad as Dental Prosthetic Technician School of Dentistry November 9, 1953 to June 15, 1954 at the rate of \$3,060 Term B

Lois Clymer as Senior Secretary General College November 10, 1953 to June 30, 1954 at the rate of \$2,700 Term A

Charlotte C Lockard as Clerk-Typist Audio-Visual Extension Service November 16, 1953 to June 30, 1954 at the rate of \$2,040 Term AT

Madelyn Ferrigan continuation of appointment as Junior Scientist Agricultural Biochemistry Research Funds January 1 to June 30, 1954 at the rate of \$3,624 Term ATX

June M Smith continuation of appointment as Laboratory Technician Surgery Research Funds November 16, 1953 to February 28, 1954 at \$763 Term CT (\$2,616 A rate)

Colleen Rehder as Junior Scientist Physiology Research Funds November 1, 1953 to May 31, 1954 at \$2,114 Term CT (\$3,624 A rate)

Lucille R Gravelle continuation of appointment as Laboratory Technologist Physiology Research Funds December 1, 1953 to June 30, 1954 at the rate of \$3,768 Term AT

Martha A Hentges as Secretary Surgery Research Funds December 1, 1953 to May 31, 1954 at \$1,230 Term CT (\$2,460 A rate)

Hilda Knutson as Cook Sanford Hall December 1, 1953 to June 30, 1954 at the rate of \$3,000 Term A

Edna C Swanson as Food Service Worker Comstock Hall November 2, 1953 to June 30, 1954 at the rate of \$2,040 Term A

Marjorie C Kottke as Clerk-Typist Students Health Service November 5, 1953 to June 30, 1954 at the rate of \$2,040 Term AT

Eleanor L Anderson as Senior Clerk-Typist Students Health Service November 6, 1953 to June 30, 1954 at the rate of \$2,460 Term A

Goldie M DeHeer as Clerk-Typist University Press November 16, 1953 to June 30, 1954 at the rate of \$2,040 Term A

Doris Kapsalis as Clerk Mimeograph Department November 16, 1953 to June 30, 1954 at the rate of \$2,040 Term AT

Bernice M Hulbert as Clerk Post Office November 16, 1953 to June 30, 1954 at the rate of \$2,040 Term A

Myrtle H Karon as Cashier Student Organizations Finance Office November 2, 1953 to June 30, 1954 at the rate of \$2,640 Term A

Kathleen Dillon continuation of appointment as Laboratory Technologist Physiological Chemistry Research Funds January 1 to June 30, 1954 at the rate of \$3,384 Term AT

Vivian A Bader continuation of appointment as Senior Clerk-Typist Surgery Research Funds January 1 to March 31, 1954 at \$615 Term CT (\$2,460 A rate)

Florence G Albers as Laboratory Technician Psychiatry and Neurology Research Funds November 16, 1953 to June 30, 1954 at the rate of \$2,400 Term AT

Rebecca G Hackner as Laboratory Technologist Physiological Chemistry Research Funds November 16, 1953 to June 30, 1954 at the rate of \$3,384 Term AT

Jeannine J Legler as Laboratory Technologist Radiology Research Funds December 1, 1953 to June 30, 1954 at the rate of \$3,384 Term AT

Helen Harder as Head Hospital Nurse University of Minnesota Hospitals December 1, 1953 to June 30, 1954 at the rate of \$3,504 Term A

Inger A Berg as recipient of an Artists Course Special Music Scholarship of \$90 for 1953-54 College of Science Literature and the Arts

Richard A Ekhaml as recipient of an Artists Course Special Music Scholarship of \$90 for 1953-54 College of Education

Henry J Menke as recipient of a Class of 1916 Bernie Bierman Scholarship of \$125 November 10, 1953 to June 30, 1954 College of Agriculture Forestry and Home Economics

The following as recipients of Wilbur H Cherry Scholarships of \$250 each for 1953-54 Law School

Jack D Gage

Eugene M Warlich

Edward J Schwartzbauer

Yasien A Al-Abbas as recipient of a John Cowles Foundation Fellowship of \$200 for 1953-54 Graduate School

Mohammed Wali Ulla Khan Khaishgi as recipient of a John Cowles Foundation Fellowship of \$300 January 1 to December 31, 1954 Graduate School

Ibrahim K Ebcioğlu as recipient of a John Cowles Foundation Fellowship of \$300 for 1953-54 Graduate School

Ved P Sharma as recipient of a John Cowles Foundation Fellowship of \$400 for 1953-54 Graduate School

Sheila E Turkington as recipient of a Josephine L Harper Memorial Scholarship of \$100 November 18, 1953 to June 30, 1954 College of Education

Clinton A Schroeder as recipient of a Law Faculty Scholarship of \$125 for 1953-54 Law School

Thomas M Brown as recipient of a Law Faculty Scholarship of \$200 for 1953-54 Law School

Winston E Munson and Elver T Pearson as recipients of Law Faculty Scholarships of \$250 each for 1953-54 Law School

Gerald E Magnuson as recipient of a Garwood Lippincott Scholarship of the Law Faculty Scholarship Fund of \$250 for 1953-54 Law School

Wellington H Law as recipient of a Curtis Lloyd Jensen Scholarship of \$250 for 1953-54 Law School

Patricia M Laliberte as recipient of a Kaufman Foundation Scholarship of \$53 for the fall quarter of 1953-54 College of Science Literature and the Arts

Marilyn S Watkins as recipient of a Nash Foundation Scholarship of \$100 November 16, 1953 to June 30, 1954 College of Education

Jean H Dawson as recipient of a Nash Foundation Scholarship of \$150 November 23, 1953 to June 30, 1954 College of Agriculture Forestry and Home Economics

Barbara M Reuter as recipient of a Nash Foundation Scholarship of \$200 November 16, 1953 to June 30, 1954 College of Science Literature and the Arts

Robert Moen as recipient of a Northern States Power Company Award of \$30 for 1953-54 North Central School and Experiment Station

The following as recipients of Emil Oberhoffer Memorial Scholarships of \$90 each for 1953-54

Robert M Barnack	College of Education
Virginia E Hans	College of Science Literature and the Arts
Marilyn J Larson	College of Education
Robert A Olson	College of Science Literature and the Arts

Alexander Abrams and Thomas H Johnson, Jr as recipients of Clarence A Orendorff Scholarships of \$300 each for 1953-54 College of Medical Sciences

John W Cravens as recipient of a Presser Foundation Scholarship of \$90 for 1953-54 College of Education

Vyonne K Larson as recipient of a Presser Foundation Scholarship of \$90 for 1953-54 College of Science Literature and the Arts

The following as recipients of Red Owl Stores Scholarships of \$200 each for 1953-54 School of Agriculture

Barbara J Madden	Thelma L Selnes
Betty M Hughes	Donna M Stockman
Jo Ann C Haff	

Clarence Honkanen as recipient of a Reserve Mining Company Taconite Scholarship of \$500 for 1953-54 Chemical Engineering

David L Verville as recipient of a Reserve Mining Company Taconite Scholarship of \$500 for 1953-54 Industrial Engineering

Evelyn R Micheletti as recipient of a Sigma Alpha Iota Sigma Sigma Chapter Scholarship of \$60 for the fall and winter quarters of 1953-54 College of Education

Beatrice A Farnham as recipient of a Sigma Alpha Iota Alumnae Chapter Scholarship of \$90 for 1953-54 College of Science Literature and the Arts

Astrid Ravnholt and Shirley M Skene as recipients of Sigma Theta Tau Scholarships of \$75 each November 18, 1953 to June 30, 1954 School of Nursing

The following as recipients of Social Service Council Scholarships of \$100 each November 16, 1953 to June 30, 1954

Loree G Johnson	College of Education
Delores M Rotramel	College of Education
Thomas E St Martin	College of Science Literature and the Arts

Janice Pritchard as recipient of a Special Music Scholarship (Artists Course) of \$90 for 1953-54 College of Education

The following as recipients of Henry L Williams Memorial Scholarships (Tuition and Incidental Fee) for 1953-54

Wayne T Fix	College of Science Literature and the Arts
Ralph O Goode	School of Business Administration
Neil A Hofland	College of Science Literature and the Arts
Thomas P Juhl	College of Education
Jim Mattson	General College
William J McKenzie	College of Education
John E Petroske	College of Science Literature and the Arts
Charles J Stamschror	College of Education
James M Stannard	General College
Harold O Swanson	College of Science Literature and the Arts

Voted to approve the following special appointments:

Elizabeth Peterson as Clerk Comptroller beginning November 2, 1953 at \$170 per month (husband Durward R Peterson Assistant Grounds Crew Foreman University Farm General Service and Maintenance Term A)

Marjorie B Knutson as Clerk Admissions and Records beginning October 28, 1953 at \$170 per month (sister Margaret Knutson Clerk Comptroller Term AT)

Marion E Lydenberg as Clerk-Typist American Studies beginning September 29, 1953 at 98¢ per hour (husband John Lydenberg Lecturer English Term BX)

Rita Z Wright as Clerk-Typist Rhetoric beginning November 3, 1953 at 98¢ per hour (husband Eugene S Wright Instructor Rhetoric Term BH50)

Elizabeth Ringius Harland Clerk-Stenographer Soils at \$1.13 per hour (married to Herbert Harland Research Associate Dairy Husbandry Term AT)

Wallace A Mensink student as Custodial Worker Southern School of Agriculture beginning October 5, 1953 at 60¢ per hour (brother Verdon Mensink student and cousin Verdel Tienter student Custodial Workers Southern School of Agriculture hourly rate)

Sally B Phillips as Senior Secretary Administration College of Medical Sciences beginning November 12, 1953 at \$1.30 per hour (sister-in-law Mary Phillips Laboratory Technologist School of Veterinary Medicine Term A)

Yvonne M Erickson as Clerk-Typist Administration College of Education November 16, 1953 to June 30, 1954 at the rate of \$2,040 Term A (sister-in-law Ruth A Erickson Clerk-Typist Students Health Service Term ATX)

Hilda G Morrish as Secretary Mechanical Engineering Research Funds November 13, 1953 to May 31, 1954 at \$205 per month

(husband Allan H Morrish Research Associate Electrical Engineering Term AT)

Carroll M Haldorson as Truck Driver Physical Plant beginning November 13, 1953 at \$215 per month (wife Florence Haldorson Assistant Head Hospital Nurse University of Minnesota Hospitals Term A)

Bonnie A Affield student as Food Service Worker West Central School and Experiment Station beginning November 15, 1953 at 60¢ per hour (cousin LaVonne Van Wechel student Food Service Worker West Central School and Experiment Station hourly rate)

Shirley A Payne student as Food Service Worker West Central School and Experiment Station beginning November 15, 1953 at 60¢ per hour (cousin Douglas Payne student Custodial Worker West Central School and Experiment Station hourly rate)

Patricia D Crombie as Clerk-Typist Students Health Service November 19, 1953 to June 30, 1954 at the rate of \$2,040 Term A (uncle Homer J Smith Professor and Chairman Trade and Industrial Education Term B)

Marlys L Hawkinson as Junior Scientist Physiological Chemistry Research Funds November 1, 1953 to June 30, 1954 at the rate of \$3,624 Term AT (sister Violet Swenson Research Associate Medicine Term AH50)

Voted to approve the following promotions and transfers:

August C Krey from Professor and Chairman History at \$9,690 Term B to Professor without change in salary rate or term beginning January 1, 1954

Herbert Heaton from Professor History at \$9,433 Term B to Professor and Chairman at the rate of \$10,000 Term B beginning January 1, 1954

Bernard Zimmermann from Clinical Instructor Surgery Research Funds at \$6,000 Term AT to Assistant Professor without change in salary rate or term September 1, 1953 to June 30, 1954

Harriet Juckem from Clinical Instructor and Clinical Psychologist Minneapolis General Hospital at \$3,547 Term AH75 to Instructor and Clinical Psychologist at the rate of \$4,770 Term AT November 16, 1953 to June 30, 1954

Evangeline Pierson from Senior Tabulating Equipment Operator Comptroller at \$3,624 Term A to Tabulating Equipment Supervisor at the rate of \$3,720 Term AT October 5, 1953 to June 30, 1954

Lois J Dahlman from Clerk Admissions and Records at \$2,100 Term AT to Senior Clerk at the rate of \$2,460 Term A January 1 to June 30, 1954

Bette Jo Johnson from Clerk Admissions and Records at \$2,040 Term A to Senior Clerk at the rate of \$2,460 Term AT November 16, 1953 to June 30, 1954

Barbro M Persson from Clerk Mimeograph Department at \$2,040 Term ATX to Clerk Alumni Relations without change in salary rate Term AX November 1, 1953 to June 30, 1954

Maxine B Clapp from Senior Librarian Library at \$4,320 Term A to Principal Librarian at the rate of \$4,440 Term A November 16, 1953 to June 30, 1954

Earl S Jensen from Patrolman Protection and Investigation at \$3,864 Term A to Sergeant of Police at the rate of \$4,008 Term AT November 1, 1953 to June 30, 1954

James G McDonough from Sergeant of Police Protection and Investigation at \$4,008 Term AT to Patrolman at the rate of \$3,864 Term A November 1, 1953 to June 30, 1954

Dorothy I Orfald from Secretary Physical Plant at \$2,748 Term A to Principal Secretary Protection and Investigation at the rate of \$3,144 Term A November 9, 1953 to June 30, 1954

Ingeborg Hellwig from Clerk-Typist School of Veterinary Medicine at \$2,100 Term AX to Senior Clerk-Typist Agricultural Extension Service at the rate of \$2,460 Term AX November 16, 1953 to June 30, 1954

Peggy A McConnell from Laboratory Technician Hormel Institute at \$1,200 Term CT (\$2,400 A rate) July 1 to December 31, 1953 to Laboratory Technician Veterinary Science Experiment Station without change in salary rate Term AT November 1, 1953 to June 30, 1954

Delores Borkosky from Clerk-Typist University of Minnesota Hospitals at \$2,100 Term A to Senior Clerk-Typist Physical Medicine and Rehabilitation at the rate of \$2,460 Term A November 9, 1953 to June 30, 1954

Andrew C Sexson from Utility Man Physical Plant at \$2,724 Term A to General Mechanic at the rate of \$3,204 Term A November 1, 1953 to June 30, 1954

Lloyd F Rosen from Laborer Rosemount Research Center at \$2,604 Term AT to Utility Man at \$2,868 Term AT for 1953-54

Dorean Kvanbek from Senior Account Clerk Cold Storage Plant at \$3,120 Term A to Senior Account Clerk Comstock Hall without change in salary rate or term October 19, 1953 to June 30, 1954

Arlene K Rogers from Clerk Post Office at \$2,160 Term A to Cashier Coffman Memorial Union at the rate of \$2,640 Term A November 1, 1953 to June 30, 1954

Joan I Huebsch from Clerk-Typist Students Health Service at \$2,040 Term AT to Senior Clerk-Typist at the rate of \$2,460 Term A November 9, 1953 to June 30, 1954

Jean H Maus from Clerk-Typist Students Health Service at \$2,100 Term A to Senior Clerk-Typist at the rate of \$2,460 Term A November 5, 1953 to June 30, 1954

Carol M Buckman from Clerk Admissions and Records at \$2,040 Term AT to Editorial Assistant Printing Department at the rate of \$3,144 Term A November 2, 1953 to June 30, 1954

Grace J Warfield from Editorial Assistant Printing Department at \$3,144 Term A to Editorial Assistant University Press without change in salary rate or term November 9, 1953 to June 30, 1954

Axel O Carlson from Laboratory Animal Attendant Cancer Biology Research Funds at \$2,880 Term AT to Senior Laboratory Animal Attendant Physiology Research Funds at the rate of \$2,988 Term AT November 16, 1953 to June 30, 1954

Dorothy Dobratz from Assistant Administration Nursing Supervisor University of Minnesota Hospitals at \$3,816 Term A to General Staff Nurse at the rate of \$3,312 Term A November 1, 1953 to June 30, 1954

Jessie Reese from Food Service Worker University of Minnesota Hospitals at \$2,340 Term A to Cook at the rate of \$2,640 Term A November 20, 1953 to June 30, 1954

Doris Hall from Assistant Head Hospital Nurse Variety Club Heart Hospital at \$3,492 Term A to Head Hospital Nurse at the rate of \$3,600 Term A November 16, 1953 to June 30, 1954

Voted to approve the following salary adjustments :

Howard C H Kernkamp Professor Veterinary Science at \$8,500 Term A to serve as Professor Veterinary Science and Acting Assistant Dean School of Veterinary Medicine at the rate of \$9,700 Term A July 1 to December 31, 1953

Harvey H Hoyt Associate Professor School of Veterinary Medicine and Veterinary Science Department at \$7,440 Term A to serve at the rate of \$8,040 Term A October 1 to December 31, 1953

Ralph L Kitchell Associate Professor and Head Division of Veterinary Anatomy School of Veterinary Medicine at \$7,540 Term A to serve at the rate of \$8,140 Term A July 1 to December 31, 1953

Harold P Cohen Research Associate Neurology Research Funds from \$6,000 Term AHT97 (\$6,180 A rate) to the rate of \$6,180 Term AT September 1, 1953 to June 30, 1954

Eva H Ellis Instructor General College at \$795 Term CH33 (\$3,578 B rate) for the winter and spring quarters of 1953-54 to receive \$398 for 34% additional time for the winter quarter of 1953-54

Jess D Hartley, Jr Instructor General College at \$1,193 Term BH33 to receive \$795 for 67% additional time for the winter quarter of 1953-54

Duane A Wilson Sibley County Agricultural Agent Assistant Professor Agricultural Extension Service from \$5,800 (\$3,685 University \$2,115 County) Term AH64 to the rate of \$6,000 (\$3,740 University \$2,260 County) Term AH62 January 1 to June 30, 1954

Joan I Zazulak Senior Key Punch Operator Comptroller from \$2,532 Term A to the rate of \$2,604 Term A October 1, 1953 to June 30, 1954

Lloyd M Bolstad Forestry Foreman School of Forestry from \$3,492 Term AX to \$3,792 Term AX for 1953-54

Voted to approve the following leaves of absence :

Asher N Christensen Professor Political Science leave with salary January 1 to February 6, 1954 to accept invitation to become a member of the faculty of the Salzburg Seminar on American Studies in Austria

Isaac Rosenfeld Assistant Professor General Studies leave without salary for the winter quarter of 1953-54 to accept invitation to teach at Salzburg Seminar in Austria

Franz Vitovec Assistant Professor Mechanics and Materials continuation of leave without salary November 16, 1953 to January 11, 1954 to return to Vienna to establish a permanent visa status

Gerald R McKay Assistant Professor Extension Specialist Visual Education Agricultural Extension Service continuation of leave without salary January 1 to April 17, 1954 for assignment with Mutual Security Agency in Europe

Miles G Rowe Wadena County Agricultural Agent Instructor Agricultural Extension Service leave with salary October 17 to November 15, 1953 on account of accident at work

Duane Venekamp Blue Earth County Club Agent Instructor Agricultural Extension Service leave without salary November 16-28, 1953 for marriage

Donald E Wegman Goodhue County Club Agent Instructor Agricultural Extension Service leave without salary November 16, 1953 to June 30, 1954 for military service

Harris R Anderson Medical Fellow Mayo Foundation on military leave without salary leave to terminate October 16, 1953 (returned from service)

George W Bagby Medical Fellow Mayo Foundation on military leave without salary leave to terminate October 1, 1953 (returned from service)

Shirley A Hovelsrud Senior Clerk-Typist Civil Service Personnel leave without salary November 16 to December 14, 1953 for trip

Biruta U Treibergs Laboratory Technician Pathology leave without salary November 16, 1953 to May 15, 1954 on account of pregnancy

Alfred O Stensrud Principal Laboratory Attendant School of Veterinary Medicine leave without salary November 1-8, 1953 on account of illness

Mary O Seifert Custodial Worker Sanford Hall leave without salary November 5, 1953 to January 4, 1954 on account of accident

Celine M McGowan Clerk-Typist Students Health Service leave without salary November 18-27, 1953 on account of illness

Edna Bachman Food Service Worker University of Minnesota Hospitals continuation of leave without salary November 9-30, 1953 on account of illness

Marion J Curry Electroencephalography Technician University of Minnesota Hospitals 25% time leave without salary November 4, 1953 to March 31, 1954 to teach class in professional skating
 Grace Loftness Food Service Worker University of Minnesota Hospitals leave without salary November 18-30, 1953 on account of illness

Voted to approve the following fees :

Institute of Agriculture

Schools of Agriculture at Crookston, Morris, Grand Rapids, and Waseca, Breakage fee, \$10, effective October 1, 1951

Southern School of Agriculture, Waseca, effective November 1, 1953

Farm Welding \$20 per course of 12 meetings.

College of Science, Literature and the Arts, Physics, effective fall quarter, 1953

Physics 50A, Laboratory \$2 per quarter

Art 86, The Film \$5 per quarter

Voted to approve the following increases in fees :

Education, University High School, effective winter quarter, 1953-54

Incidental fee, paid by all University High School students, per quarter

From	To
\$6.00 Student Activities	\$ 7.25 Student Activities
2.50 Health Service	2.50 Health Service
.50 Locker (Building 77)	.50 Locker (Building 77)
<hr/> 9.00	<hr/> 10.25

Girls' Physical Education—1 section for each of grades 7, 8, and 10

Boys' Physical Education—1 section for each of grades 7, 8, 9, and 10

From	To
Girls' \$2.50 per quarter	\$4.75 per quarter
Boys' \$4.50 per quarter	\$8.50 per quarter

Institute of Child Welfare, Nursery School and Kindergarten, effective first term, 1954 Summer Session

From	To
\$35 for half day, including lunch	\$35 for half day, without lunch

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

Moses Passer, Assistant Professor, Chemistry, Duluth Branch, to serve as a consultant to the Alfin Research Program of the United States Office of Synthetic Rubber.

The President reported for the information of the Board that Mr. Raymond Wolf, Extension Information Specialist, Institute of Agriculture, had received the National Safety Council's 1952-53 Public Interest Award for exceptional service in furthering farm safety programs, through programs broadcast over the University Station KUOM, correspondence filed supplement to the minutes, page 7610.

Voted to approve the budget for the 1954 Summer Session, including the Duluth Branch, of \$496,056 for general operations and \$22,000 for the recreation program, with the understanding that the following clause be inserted in all Summer Session appointment letters:

The University reserves the right to cancel any and all classes which, in the judgment of the Dean of the Summer Session, have insufficient registration to justify their continuation. In such cases the instructor's time and salary will be adjusted accordingly.

Voted to approve change in the Samuel W. Melendy Graduate Fellowships from three of \$1,000 each to students with majors in either pharmaceutical chemistry or pharmacognosy, to two at not to exceed \$1,500 each.

Regents Olson and Quinlivan, Board representatives, and Vice President Middlebrook reported on the meeting of the Association of Governing Boards of State Universities and Allied Institutions, held at Gainesville, Florida, November 30 to December 5, 1953.

Voted to approve the following memorandums of agreement with the following school districts, covering school building surveys, filed supplement to the minutes, page 7611:

Independent School District No. 2, Moorhead, Minnesota
Independent School District No. 106, Washington County,
Minnesota
Independent School District No. 5, Centerville, Minnesota

Voted to approve memorandum of agreement with the Alexandria Public Schools, covering teacher training, filed supplement to the minutes, page 7612.

Voted to accept the Union Oil Company of California \$315.32 offer for oil and gas lease of 100 per cent interest in 315.32 acres, more or less, described as follows :

SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 9; W $\frac{1}{2}$ NW $\frac{1}{4}$, Lot 4, Section 16; N $\frac{1}{2}$ NE $\frac{1}{4}$, Lots 1 and 2, Section 17, Township 36, Range 13 West, Glacier County, Montana;

and that the proper officers of the University be authorized to execute, on behalf of the Regents of the University of Minnesota, said oil and gas lease to the Union Oil Company of California.

The President and the Business Vice President discussed briefly with the Board the statements in the *East Minneapolis Argus* of December 3, 1953, concerning the business activities of the University, particularly those in the Bookstores. The Business Vice President indicated intention to make a careful detailed covering study.

Voted to return to General Mills, Inc. \$6,000 of its gift to the Naval Science Building Fund for the purpose of supporting Professor Emeritus T. A. Erickson during the period of his preparation of his memoirs and autobiography.

Voted on request of General Mills, Inc. to transfer \$4,800 of its gift to the Naval Science Building Fund to the University Press to cover editorial assistance in the preparation of Professor Emeritus T. A. Erickson's memoirs and autobiography.

The President presented to the Board joint statement prepared by himself and Provost Darland of the Duluth Branch relative to the allegation that the University had failed to authorize the proposed peat research project at the Duluth Branch, statement filed supplement to the minutes, page 7613.

The Business Vice President having reported on the two proposed plans covering the re-routing of the Twin City Rapid Transit Company inter-city buses occasioned by the closing of the Washington Avenue Bridge to bus traffic, statement filed supplement to the minutes, page

7614, voted to endorse plan No. 2 and to work with the City of Minneapolis to place the plan in effect on a ninety-day experimental basis, with the understanding that at the end of the ninety days any desirable revisions or changes will be made following conference of interested parties.

The Business Vice President reviewed with the Board the history of the University program in temporary housing, the present plans for adjustments in the program involving disposal of expansible trailers, rehabilitation of certain units, and modification in rent structures to cover the rehabilitation program, statement filed supplement to the minutes, page 7615.

The Business Vice President called attention to the completion and publication of the *Financial Report* for the year ended June 30, 1953.

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

DA-33-008-ORD-378, Army, Office of Ordnance Research, subcontract with International Harvester Company, modification of purchase orders, decreasing amount by \$62,000, filed supplement to the minutes, page 7616.

DA-11-022-ORD-1507, Army, Office of Ordnance Research, investigation of the energy distribution in a high velocity vortex type flow, filed supplement to the minutes, page 7617.

DA-11-022-ORD-1512, Army, Office of Ordnance Research, study of the intensities of infrared absorption bands, filed supplement to the minutes, page 7618.

DA-36-039-SC-52635, Modification No. 1, Army, Signal Corps Supply Agency, transfer of property accountability from contract No. DA-36-039-SC-5419, filed supplement to the minutes, page 7619.

DA-36-039-SC-56649, Modification No. 1, Army, Signal Corps, designation of Property Administrator, Signal Corps Engineering Laboratory, to maintain official records of Government furnished property, filed supplement to the minutes, page 7620.

United States Veterans Administration:

V-3035-V-196, Supplemental Agreement No. 4, General Extension Division, change in pamphlet, one course to read spring quarter instead of winter quarter, filed supplement to the minutes, page 7621.

V-3035-V-211, Supplemental Agreement No. 3, course fees and health fee for Forestry students at Cloquet, filed supplement to the minutes, page 7622.

V-3035-V-778, Instruction for veterans under Public Law 16, General Extension Division, September 14, 1953 to September 11, 1954, filed supplement to the minutes, page 7623.

V-3035-V-671, Supplement No. 3, reader service for one veteran, filed supplement to the minutes, page 7624.

V-3035-V-743, Instruction for veterans under Public Law 16 and Public Law 346 for 1953-54, filed supplement to the minutes, page 7625.

Voted to approve the following applications for grants:

\$50,025 to the National Science Foundation, by Professor George A. Young, Hormel Institute, covering research in swine

\$32,685.45 to the United States Public Health Service, by Professor John C. Kidneigh, School of Social Work, for continuation of training program

\$25,500 to the American Heart Association, Inc., by Dr. Ancel Keys, Laboratory of Physiological Hygiene, for research in heart disease

\$17,178.00 to the United States Public Health Service, by Professor Paul E. Meehl, Department of Psychology, for expansion of present training program

\$17,149 to the National Science Foundation, by Professor Alfred O. C. Nier, Physics, for research on atomic mass determinations with double focusing mass spectrometer

\$16,988 to the United States Public Health Service, by Dr. Donald W. Hastings and Dr. Starke R. Hathaway, Psychiatry and Neurology, and Psychology, for expansion of present training program

\$16,951 to the National Science Foundation, by Professor Lee Irvin Smith, Chemistry, for research on reaction between nitro-cyclopropyl ketones and alkalis, and related reactions

\$16,869 to the United States Public Health Service, by Professor David C. England, Hormel Institute, Austin, Minnesota, for research on swine

\$15,536 to the United States Public Health Service, by Professor John C. Kidneigh, School of Social Work, for continuation of training program

\$13,500 to the United States Public Health Service, by Dr. Claude R. Hitchcock, Cancer Detection Center, for research on evaluation of gastric precursor patients

\$13,350 to the Fund for the Advancement of Education, by Professor Robert C. Brasted, Chemistry, for the establishment of a summer institute for teachers of high school chemistry

\$11,850 to the National Science Foundation, by Professor Robert C. Brasted, Chemistry, for the establishment of a summer institute for chemistry teachers

\$11,250 to \$14,050 to the Fund for the Advancement of Education, by Professor J. W. Buchta, Physics, for the establishment of a summer institute for high school teachers of physics

\$11,200 to the National Science Foundation, by Professor J. W. Buchta, Physics, for the establishment of a summer institute for teachers in physics

\$9,000 to the American Heart Association, Inc., by Dr. Robert A. Good, Pediatrics, for studies on the mechanisms involved in the development of necrotizing lesions of the skin, heart, kidneys and blood vessels

\$8,688 to the National Science Foundation, by Professor I. M. Kolthoff, Chemistry, for study of the convection mercury electrode in the electrolysis of inorganic and organic compounds

\$8,208 to the Fund for the Advancement of Education, by Dean Theodore C. Blegen, Graduate School, for the establishment of a summer institute for high school teachers of biology

\$7,924.70 to the National Science Foundation, by Professor Moses Passer, Chemistry, Duluth Branch, for a research project on stereospecific reactions of cyclic ketones

\$6,075 to the American Heart Association, Inc., by Dr. Carl S. Alexander, Medicine, for research on the effect of liver injury on the water exchange and electrolyte excretion in rats with diabetes insipidus

\$6,048 to the United States Public Health Service, by Dr. Carl S. Alexander, Medicine, for research on the role of antidiuretic hormone in the control of water exchange in electrolyte excretion in the diabetic insipidus rat with and without liver injury

\$5,250 to the American Heart Association, Inc., by Dr. Richard W. Von Korff, Pediatrics, for studies in intermediary metabolism

\$5,000 to the American Heart Association, Inc., by Dr. H. Mead Cavert, Physiology, for research on cardiac tissue

\$4,745 to the United States Public Health Service, by Dr. E. T. Bell, Pathology, for research on diabetes mellitus

\$4,595 to the National Science Foundation, by Professor E. C. Abbe, Botany, for study on the arctic elements in flora of North-eastern Minnesota

\$4,500 to the Life Insurance Medical Research Fund, by Dr. C. Walton Lillehei, Surgery, for research on intracardiac surgery

\$4,500 to the American Heart Association, Inc., by Dr. Joel G. Brunson, Pathology, for research on experimental myocarditis and valvulitis

\$3,000 to the National Science Foundation, by Dean Theodore C. Blegen, Graduate School, and Professor William H. Marshall, Itasca Biological Station, for the establishment of a summer institute

\$500 to Arthur G. McKee and Company, by Mr. H. H. Wade, Mines Experiment Station, for laboratory tests on magnetite

Amount to be determined, to the United States Public Health Service, by Dr. Norman Edward Shumway, Jr., Surgery, for research fellowship

To the United States Government:

\$90,000.00 Reconstruction Finance Corporation, by Professor I. M. Kolthoff, Chemistry, for renewal of contract RuR SR-102

\$75,000 Army, Signal Corps, by Professor W. G. Shepherd, Electrical Engineering, for continuation of secondary emission study
\$50,627.88 Air Force, Air Research and Development Command, by Professor J. D. Akerman, Aeronautical Engineering, for continuation of contract AF 18(600)-599

\$36,200 Air Force, Wright Air Development Center, by Professor J. D. Akerman, Aeronautical Engineering, for continuation of contract AF 33(616)-473

\$35,100 Army, Quartermaster, by Professor W. O. Lundberg, Hormel Institute, for study of changes produced in lipid materials by energy radiations

\$28,771.05 Air Force, Air Research and Development Command, by Professor J. D. Akerman, Aeronautical Engineering, for continuation of contract AF 40(600)-5

\$20,053.10 Navy, Office of Naval Research, by Professor Jan O. M. Broek, Geography, for study of the port towns of Borneo

\$17,959.52 Air Force, Wright Air Development Center, by Professor J. D. Akerman, Aeronautical Engineering, for continuation of contract AF 33(038)-5131

\$15,800 Navy, Bureau of Yards and Docks, by Professor E. N. Kemler, Mechanical Engineering, for experimental investigation of possibilities of freezing as a means of obtaining fresh water from sea water

\$9,407.30 Army, Surgeon General, by Dr. John Krafczuk, Dermatology, for continuation of contract DA-49-007-MD-406

\$4,325 Navy, Office of Naval Research, by Professor David J. Merrill, Zoology, for continuation of contract Nonr 710(02)

\$3,000 Army, Chemical Corps, by Professor E. N. Kemler, Mechanical Engineering, for extension of contract DA-18-064-CML-2408

Voted to approve the following resolution :

WHEREAS, A team of students of the University has been participating in a weekly radio broadcast over a national net-work:

Thomas Clayton
Jack Davies
Roger Feinstein
Colleen Helgeson
Mike Leivestad

and

WHEREAS, By their successful endeavors and because of the brilliance of their accomplishment, they have enhanced the good name and the reputation of the University of Minnesota "from coast to coast,"

Therefore, Be It Resolved, That the Regents of the University of Minnesota by this formal action extend to the members of the College Quiz Bowl team and to their "coach," Professor J. William Buchta, hearty congratulations; and do further record their deep appreciation to these students who have given so generously and

so effectively of their time; and they commend them especially for their expressed desire that the prize money that has been won should be devoted to scholarships, thus encouraging other able students to carry forward their studies at the University.

Voted to accept with thanks the following gifts:

- | | |
|---------|--|
| Donor | Law School Council, through the Greater University Fund |
| Amount | \$35,000 |
| Fund | Wilbur H. Cherry Memorial Fund |
| Purpose | To transfer funds in the Law School Bookstore Fund, in accordance with resolution of the Law School Council, filed supplement to the minutes, page 7626. |
| Donor | American Spice Trade Association |
| Amount | \$10,335 |
| Fund | American Spice Trade Association Research |
| Purpose | For research on the antioxidant properties of spices for the year 1953, in accordance with correspondence filed supplement to the minutes, page 7627. |
| Donor | United States Public Health Service |
| Amount | \$8,500 |
| Fund | United States Public Health Service—Research on Heat and Cold on Central Nervous System |
| Donor | Minnreg Veterans Association |
| Amount | \$6,450 |
| Fund | Society for Preservation and Encouragement of Barber-shop Quartette Singing in America—Medical Research Fund |
| Donor | National Livestock and Meat Board |
| Amount | \$5,300 |
| Fund | National Livestock and Meat Board Research on Biochemistry of Fatty Acids |
| Donor | Miss Elisabeth M. Congdon |
| Amount | \$5,000 |
| Fund | North Star Scholarship Fund |
| Donors | \$2,000 Alex J. Tankenhoff Foundation |
| and | 2,000 Bayport Foundation |
| Amounts | |
| Fund | Neurology Research |
| Donor | General Electric Company |
| Amount | \$3,300 |
| Fund | General Electric Company Fellowship in Chemistry |

Donor	Archer-Daniels-Midland Company
Amount	\$3,000
Fund	Archer-Daniels-Midland Company—Flax By-product Research
Purpose	For continuation of research in accordance with memorandum of agreement filed supplement to the minutes, page 7628.
Donor	Elwell Foundation—Northland Milk and Ice Cream Co.
Amount	\$3,000
Fund	Agricultural Economics Research Fund
Donor	Eli Lilly and Company
Amount	\$3,000
Fund	Eli Lilly and Company Research on Enzyme Activity
Purpose	For research under the direction of Dr. P. D. Boyer, in accordance with correspondence filed supplement to the minutes, page 7629.
Donor	Armour and Company
Amount	\$2,500
Fund	Armour and Company Research in Fats and Oils
Donor	Eli Lilly and Company
Amount	\$2,500
Fund	Eli Lilly and Company Research on Bacterial Enzyme Systems
Purpose	For research under the direction of Dr. Herman C. Lichstein, in accordance with correspondence filed supplement to the minutes, page 7630.
Donor	Minnesota Medical Foundation
Amount	\$2,000
Fund	Augustus L. Searle Fund for Surgical Research
Donor	University of Minnesota College Quiz Bowl Team
Amount	\$2,000
Fund	College Quiz Bowl Scholarship
Purpose	For undergraduate scholarships in the College of Science, Literature, and the Arts, in accordance with correspondence filed supplement to the minutes, page 7631.
Donor	Sulphite Manufacturers' Research League, Inc.
Amount	\$2,000
Fund	Sulphite Pulp Manufacturers' Research League, Inc., Research on Torula Yeast
Purpose	For continuation of research in accordance with memorandum of agreement filed supplement to the minutes, page 7632.

Donors	\$519.00	National Committee on Boys and Girls Club
and		Work
Amounts	325.00	Chicago Northwestern Railway Company
	215.00	Chicago, Rock Island and Pacific Railroad Com- pany
	155.50	Cudahy Packing Company
	107.50	General Mills, Inc.
	77.00	George A. Hormel and Company
	75.00	WCCO
	70.00	Dairy Supply Company
	67.00	Wilson and Company
Fund		4-H Club
Donor		Fred A. Ossanna, through the Greater University Fund
Amount	\$1,000	
Fund		Ossanna Transportation Foundation Scholarship Fund
Donor		Hess and Clark
Amount	\$1,000	
Fund		Hess and Clark Research on Diseases of Poultry
Purpose		For research on diseases of poultry, in accordance with memorandum of agreement filed supplement to the minutes, page 7633.
Donor		Mount Sinai Hospital
Amount	\$995	
Fund		Mount Sinai Hospital Fellowship—Radiology
Donor		Miss Julia Marshall, through the Greater University Fund
Amount	\$600	
Fund		Julia Marshall Scholarship
Donor		Alumni and faculty of the Institute of Technology, through the Greater University Fund
Amount	\$588.50	
Fund		Harry E. Gerrish Memorial Bookshelf
Purpose		To establish a memorial bookshelf in the Institute of Technology Library, in accordance with correspondence filed supplement to the minutes, page 7634.
Donor		Louis Allis Company
Amount	\$500	
Fund		Louis Allis Company Engineering Scholarship
Donors		Various (memorials)
Amount	\$446.50	
Fund		Malignant Disease Research Fund
Donor		Louis W. and Maud Hill Family Foundation
Amount	\$425	
Fund		Louis W. and Maud Hill Family Foundation Research on Cerebral Palsy

Donor The Flox Company, through the Greater University
 Fund
 Amount \$350
 Fund Sanitary Engineering Research Fund
 Purpose For research in sanitary engineering, in accordance
 with correspondence filed supplement to the minutes,
 page 7635.

Donors \$300 RH. Diagnostic Laboratory
 and 30 Anonymous
 Amounts
 Fund Booth Memorial Hospital

Donors Various (memorials)
 Amount \$327
 Fund Heart Hospital Equipment Fund

Donor Thomas M. Crosby
 Amount \$300
 Fund Caroline Crosby Memorial Fellowship in Botany

Donor Minnesota SPAN Association
 Amount \$300
 Fund University of Minnesota—SPAN Scholarships

Donor Minnesota Alumnae Club
 Amounts \$278.05 for undergraduate scholarships
 100.00 for graduate scholarships
 Fund Minnesota Alumnae Club Scholarship Fund
 Purpose For undergraduate and graduate scholarships, in ac-
 cordance with correspondence filed supplement to the
 minutes, page 7636.

Donors Relatives and friends of Elliot Baron
 Amount \$148
 Fund Elliot Baron Memorial Award Fund
 Purpose For an award to be given to a student in Journalism,
 in memory of Elliot Baron, in accordance with cor-
 respondence filed supplement to the minutes, page 7637.

Donor Norwegian Luncheon Club
 Amount 152.50
 Fund Norwegian-American Graduate Fellowship Fund

Donor Minnesota Medical Foundation
 Amount \$50
 Fund Urological Research—Malignant Disease Fund

Donors Various (memorials)
 Amount \$45
 Fund Heart Disease Research Fund

Donor Various (memorials)
 Amount \$41.50
 Fund Radiation Therapy—Cancer Research

Donor	Mr. W. Jerome Gilbert
Amount	\$25
Fund	Cancer Detection Clinic
Donor	Hester J. Dawson
Amount	\$10
Fund	Robert V. Cram Memorial Scholarship Fund
Donor	Anonymous
Amount	\$7.50
Fund	J. C. Litzenberg Memorial Room Fund

Voted to accept with thanks gift of eight 50# bags of powdered soap from the Surplus Property Section, Department of Education, State of Minnesota, to the University Laundry.

Voted to accept with thanks gift of a cap, gown, and hood, from Mrs. Irving W. Jones.

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 7638.

Voted to approve transfers of funds No. 1501 to No. 2000.

Voted to approve journal vouchers No. 3001 to No. 5000.

Voted to approve requisitions No. 72615 to No. 74549, \$500,483.89.

Voted to adjourn.

W. T. MIDDLEBROOK, Secretary