

UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS  
MINUTES

February 14, 1964

A meeting of the Board of Regents was held in the Regents' Room, Morrill Hall, on Friday, February 14, 1964, at 9:30 a.m.

Present: Regent Mayo presiding; Regents Grottum, Heaney, Hess, Howard, Hughes, Johnson, Montague, Silha and Skyberg.

Absent: President O. Meredith Wilson and Regents Gainey and Malkerson.

APPROVAL OF MINUTES

Voted to approve the minutes of the following meetings:

Draft of the Minutes for the Insurance and Retirement Committee meeting of January 2, 1964

Draft of the Minutes of the North Star Research and Development Institute meeting of January 10, 1964

Draft of the Minutes for the meeting of January 10, 1964

PERSONNEL CHANGES

Voted to approve the following personnel changes:

Retirements

John M Berkman as Associate Professor Emeritus Medicine Mayo Foundation without salary effective December 31, 1963

Sarah Hanson Senior Secretary News Service Duluth to retire with eligibility for State Employees Retirement and Old Age Survivors and Disability Insurance effective January 28, 1964

Agnes Hansen Associate Scientist and Assistant Professor Botany to retire with eligibility for State Employees Retirement and Old Age Survivors and Disability Insurance effective December 31, 1963

Olive Flint Senior Clinic Nurse and Instructor University of Minnesota Hospitals to retire with eligibility for State Employees Retirement and Old Age Survivors and Disability Insurance effective February 5, 1964

Margrieta A Sarkans Food Service Worker University of Minnesota Hospitals to retire on Old Age Survivors and Disability Insurance effective January 13, 1964

Lawrence R Johnson Senior Farm Laborer Agricultural Experiment Station Rosemount to retire with eligibility for State Employees Retirement and Old Age Survivors and Disability Insurance effective March 15, 1964

Amanda K Freedland Custodial Worker Center for Continuation Study Hall to retire with eligibility for State Employees Retirement and Old Age Survivors and Disability Insurance effective January 31, 1964

Lilija J Balodis Clerk Mimeograph Department to retire with eligibility for State Employees Retirement and Old Age Survivors and Disability Insurance effective January 14, 1964

Charlotte C Clarke Senior Secretary Juvenile Officers Institute to retire with eligibility for State Employees Retirement and Old Age Survivors and Disability Insurance effective January 15, 1964

#### Terminations

Lewis G Kahn Research Associate Agricultural Economics and Research Funds effective January 31, 1964

Walter A Carley Clinical Assistant Professor Psychiatry and Neurology without salary effective December 26, 1963 (deceased)

Ronald W Hinz Assistant Professor Microbiology Research Funds effective January 31, 1964

Charles M Cioffi Instructor Speech and Theatre Arts effective February 14, 1964

Marvin L Tenhoff Instructor and Field Assistant Bureau of Field Studies and Surveys effective January 15, 1964

S Donald Robertson Instructor and Librarian Library St Paul effective January 17, 1964

Charles N Dunn Research Fellow Electrical Engineering Research Funds effective January 15, 1964

Anne M Farning Blue Earth County Home Agent Instructor Agricultural Extension Service effective December 15, 1963

Mary Ann S Scharf Stevens County Home Agent Instructor Agricultural Extension Service effective February 15, 1964

Margaret L Torgelson Swift County Home Agent Instructor Agricultural Extension Service effective February 7, 1964

Peter A Wolf Teaching Assistant English effective December 15, 1963

Judith T George Teaching Assistant History effective December 15, 1963

Dennis Deichl Teaching Assistant Interdisciplinary Programs effective December 31, 1963

Struan R Robertson Teaching Assistant Mechanical Engineering effective December 15, 1963

Kent A Reeves Teaching Assistant Entomology Fisheries and Wildlife effective December 31, 1963

Ralph W Walker Teaching Assistant College of Education effective January 15, 1964

Gail T Hanson Teaching Assistant Elementary Education effective December 15, 1963

Edward M Roach Teaching Assistant Department of Military Science without salary effective December 31, 1963

Mark W Christensen Research Assistant Agricultural Economics Research Funds effective December 13, 1963

Haven D Kaslow Research Assistant Biochemistry Institute of Agriculture Research Funds effective November 30, 1963

Charles A Stoerzinger Research Assistant Business and Economic Research effective December 15, 1963

John Edgecumbe Research Assistant Electrical Engineering Research Funds effective January 10, 1964

Dinh Lien Pham Research Assistant School of Physics Research Funds effective December 31, 1963

Samuel E Moyer Research Assistant Animal Husbandry Research Funds effective December 31, 1963

William B Rathbun Research Assistant Biochemistry Institute of Agriculture Research Funds effective November 30, 1963

Anne M Peterson Research Assistant Biochemistry College of Medical Sciences Research Funds effective December 31, 1963

Geoffrey M Brittin Medical Fellow Pathology with salary paid directly by the United States Public Health Service effective August 31, 1963

Charles C Merchant Medical Fellow Surgery with salary paid directly by the Veterans Administration Hospital effective December 31, 1963  
 Jessie K M Easton Medical Fellow Physical Medicine and Rehabilitation effective December 31, 1963  
 Kenneth G Newby Medical Fellow Ophthalmology effective December 31, 1963  
 Philip P Bonifer, Jr Medical Fellow Ophthalmology Ancker Hospital Fellowships effective December 31, 1963  
 Janice L Munson Clerk-Typist Office of Civil Service Personnel effective December 31, 1963  
 Jacqueline J Heacock Senior Clerk-Typist Office of the Vice President Academic Administration effective December 31, 1963  
 Diana C Bailey Secretary Office of the Vice President Business Administration effective January 28, 1964  
 Barbara J Hoiseth Clerk-Typist Business Office effective February 11, 1964  
 Wanda J Stans Senior Clerk Business Office effective January 13, 1964  
 Nelda J Turvold Clerk Chemical Storehouse effective January 15, 1964  
 Eleanor M Steele Psychometrist Office of the Dean of Students Student Counseling Bureau effective January 8, 1964 (deceased)  
 Lois A Nelson Principal Clerk Office of Admissions and Records effective February 4, 1964  
 Elaine E Studt Senior Clerk Office of Admissions and Records Institute of Agriculture effective February 11, 1964  
 Vivian M Eccleston Senior Secretary Department of University Relations effective February 4, 1964  
 Margaret A Meyer Senior Clerk-Typist Department of University Relations effective January 3, 1964  
 Joseph P Martin Senior Laboratory Machinist Scientific Apparatus Services effective December 31, 1963  
 Alan L Ominsky Editor Department of University Relations Publications effective December 31, 1963  
 Frances L Nowicki Senior Clerk Campus Mail effective January 28, 1964  
 Jeanne C Stoner Secretary Department of Police effective January 10, 1964  
 Susan D Lysing Senior Clerk-Typist Art Department effective December 27, 1963  
 Janet T Lamkin Junior Librarian School of Journalism effective February 5, 1964  
 Gloria J Stuntebeck Secretary Interdisciplinary Programs effective January 13, 1964  
 Lou Venia H Smith Senior Clerk-Typist School of Mineral and Metallurgical Engineering effective January 27, 1964  
 M Susanne S Bell Senior Clerk-Typist Geology and Geophysics effective February 13, 1964  
 Barbara J Pearson Secretary School of Physics effective January 16, 1964  
 Linda M Anderson Senior Clerk-Typist College of Agriculture Forestry and Home Economics effective February 7, 1964  
 Karin S Connelly Senior Clerk-Typist College of Agriculture Forestry and Home Economics effective January 3, 1964  
 Jeanette M Sarkela Senior Clerk-Typist College of Agriculture Forestry and Home Economics effective January 14, 1964  
 Margaret Taarud Principal Secretary Agronomy and Plant Genetics effective November 29, 1963 (deceased September 27, 1963)  
 Ilsa M Baer Laboratory Attendant Pathology effective December 31, 1963

Sheryll J Erickson Senior Clerk-Typist School of Public Health effective December 27, 1963

Victor Tsou Senior Statistician School of Public Health effective December 19, 1963

Rosemary Buckley Senior Secretary Ophthalmology effective February 12, 1964

Mary E Jesse Senior Clerk-Typist Veterinary Medicine and Clinics effective January 15, 1964

Leon H Welke Dental Prosthetic Technician School of Dentistry effective January 8, 1964

Joyce B Sawyer Clerk-Typist Administration College of Education effective January 7, 1964

Leila Hazen Clerk-Typist Graduate School effective January 15, 1964

Ruth B LeMay Senior Clerk-Typist Placement Office School of Business Administration effective December 25, 1963

Carol A Petersen Secretary Quantitative Analysis effective January 8, 1964

Tracy G White Secretary School of Business Administration effective December 20, 1963

The following in the University of Minnesota Hospitals

		Effective Date
Delila I Baez	Senior Clinic Nurse	December 27, 1963
Delores J Bishop	Operating Room Technician	February 12, 1964
Christine L Brogunier*	General Staff Nurse	November 15, 1963
Kathleen M Cherland	General Staff Nurse	January 3, 1964
Sharon K Como	Practical Nurse	January 3, 1964
Joanne Conard	Laboratory Technician	January 27, 1964
Kathryn Z Donner	Laboratory Technician	January 15, 1964
Judith Downie	Nursing Station Assistant	December 24, 1963
Patricia A Drewicke	General Staff Nurse	November 15, 1963
Barbara Ferster	General Staff Nurse	January 7, 1964
Marjorie L Fish	Hospital Assistant Nursing Supervisor	December 27, 1963
Alyse H Gustavson*	General Staff Nurse	January 15, 1964
Glenda G Hebron	General Staff Nurse	December 27, 1963
Mary K Herbert	Head Hospital Nurse	January 10, 1964
Esther H Johnson	Food Service Worker	January 22, 1964
Shirley A Johnson	General Staff Nurse	November 1, 1963
Jeanne M Kammann	Social Worker	January 10, 1964
Audrey Kondrak	Student Technologist Supervisor	February 20, 1964
Kay K Larson	General Staff Nurse	January 15, 1964
Hazel G Lewin*	Senior Clerk-Typist	January 31, 1964
Marlys D Meyer	Clerk-Typist	December 27, 1963
Phyllis Mihelich	Practical Nurse	January 1, 1964
Carol-Lynn L Miller	Practical Nurse	January 10, 1964
Martha L Murphy	Head Hospital Nurse	January 27, 1964
Constance K Nelson*	General Staff Nurse	January 12, 1964
Judith O Nelson	Senior Clerk	January 31, 1964
Vanon K Patchamatla	Laboratory Attendant	January 17, 1964
Marlene Paulsen	Senior Clerk-Typist	February 11, 1964
Irene L Pleas	Hospital Aide	January 23, 1964
Karen W Ramsey	Assistant Head Hospital Nurse	December 15, 1963
DiAnn Reber	Practical Nurse	January 1, 1964
Margaret R Reed	General Staff Nurse	December 15, 1963
Edith M Reinke	General Staff Nurse	February 3, 1964
Marie J Schatzlein	General Staff Nurse	January 27, 1964
Laura O Semple	Telephone Operator	February 14, 1964

		Effective Date
Carol J Solberg	Nursing Station Assistant	January 17, 1964
Patricia Spears	Practical Nurse	January 29, 1964
Elizabeth Stadick	Practical Nurse	January 29, 1964
Margaret A Sweger	Senior Clerk-Typist	January 6, 1964
Sandra Viker	Student Technologist	
	Supervisor	December 30, 1963
Linda Wayland	General Staff Nurse	January 3, 1964
Mary Ann Welch	Senior Clerk-Typist	December 31, 1963
Judith M Worcester	Practical Nurse	January 20, 1964

\* Transferred to miscellaneous payroll

Mary Ann E Grover Senior Clerk-Typist Evening and Special Classes effective December 31, 1963

Janice M Pelowski Clerk Correspondence Study Instruction effective December 20, 1963

Margaret H Bunnell Secretary North Central School and Experiment Station effective December 31, 1963

Joann K Brown Senior Clerk-Typist Agricultural Extension Service effective February 12, 1964

Karla M Deming Senior Clerk-Typist Agricultural Extension Service effective January 23, 1964

Patricia R Lorenz Senior Clerk-Typist Agricultural Extension Service effective December 12, 1963

William W Kolb Laboratory Technician Soil Testing Laboratory effective December 31, 1963

JoAnn M Beach Clerk State-Wide Testing Bureau effective January 14, 1964

Charles A Bolles Library Assistant Library effective August 31, 1963

Ronald K Hannula Senior Clerk Library effective December 31, 1963

Bernice Z Parks Library Assistant Library St Paul effective January 29, 1964

Mary Anne Korman Clerk-Typist Agricultural Economics Research Funds effective January 13, 1964

Jean M Bartelt Secretary Business and Economic Research effective January 3, 1964

Diane C Kohanek Clerk-Typist Plant Services effective February 3, 1964

Reuben C Jones Building Caretaker Plant Services effective January 14, 1964 plus one month's death payment allowance (deceased January 5, 1964)

Tony J Yates Building Caretaker Plant Services effective January 15, 1964

Evelyn Woodward Food Service Worker Sanford Hall effective December 18, 1963 (transferred to miscellaneous payroll)

Anne E Burkhardt Principal Dietitian Pioneer Hall effective January 2, 1964 (transferred to miscellaneous payroll)

Harriet Fynboh Food Service Worker Centennial Hall effective December 20, 1963

Nellie M Kuhlman Food Service Worker Centennial Hall effective January 6, 1964 (transferred to miscellaneous payroll)

Beatrice B Wilson Custodial Worker Comstock Hall effective December 25, 1963

Janet L Scherer Secretary University Parking Lots effective January 24, 1964

Helen F Neujahr Clerk-Typist St Paul Campus Student Center effective January 7, 1964

Katherine S Johnson Senior Clerk University Health Service effective January 31, 1964

Renee J Morrow Senior Clerk-Typist University Health Service effective January 2, 1964

Sonja L Knutson Senior Clerk-Typist Professional Colleges Bookstore effective November 14, 1963

Susan E Leventhal Clerk-Typist Printing Department effective December 27, 1963

Nancy L Corey Clerk-Typist Medical Art and Photography effective January 16, 1964

James R Jore Photographer Assistant Medical Art and Photography effective December 26, 1963

Elizabeth Carmak Laundry Worker University Laundry effective December 31, 1963 (transferred to miscellaneous payroll)

Ida M Nichols Laundry Worker University Laundry effective December 26, 1963 (deceased)

Raphael W Green Senior Communications Technician Audio-Visual Education Service effective December 31, 1963

Leah R Bouchard Senior Statistical Clerk Ford Foundation Economic Survey of the Upper Midwest Region effective December 31, 1963 (transferred to miscellaneous payroll)

Raymond W Kleppe Senior General Mechanic St Anthony Falls Hydraulic Laboratory effective January 24, 1964

Carol S Steele Editorial Assistant St Anthony Falls Hydraulic Laboratory effective December 31, 1963

Carol M Takyi Executive Secretary St Anthony Falls Hydraulic Laboratory effective January 6, 1964

Patricia L Summerfield Assistant Scientist School of Chemistry Research Funds effective January 23, 1964

Andrea R Twedt Senior Clerk-Typist School of Chemistry Research Funds effective January 3, 1964

Josette B Fillippi Senior Clerk-Typist School of Physics Research Funds effective January 8, 1964

Marjory K Kirwin Senior Secretary School of Physics Research Funds effective January 24, 1964

Gerald D Lekberg Utility Man School of Physics Research Funds effective January 6, 1964

Nona V Spitzner Senior Laboratory Technician School of Physics Research Funds effective January 1, 1964

Samuel K Takyi Laboratory Technologist Agronomy and Plant Genetics Research Funds effective January 1, 1964

Barbara J Resar Laboratory Technician Entomology Fisheries and Wildlife Research Funds effective January 15, 1964

Kathy H E Yu Senior Laboratory Technician Entomology Fisheries and Wildlife Research Funds effective December 15, 1963

Carol S West Laboratory Technician Anatomy Research Funds effective December 17, 1963

Simone C Paillet Laboratory Technologist Microbiology Research Funds effective February 14, 1964

Susan Z Blaylock Laboratory Technologist Medicine Research Funds effective December 2, 1963

Constance L Otteson Laboratory Technologist Medicine Research Funds effective November 26, 1963

Mary Ann Busian Senior Secretary Pediatrics Research Funds effective December 18, 1963

Beverly A Carpenter Clerk-Typist Pediatrics Research Funds effective January 7, 1964

Ko Cheng Chao Junior Scientist Pharmacology Research Funds effective February 6, 1964

Phyllis Mathiowetz Senior Clerk-Typist Laboratory of Physiological Hygiene School of Public Health Research Funds effective January 17, 1964

Rosalee Levine Senior Clerk-Typist Psychiatry and Neurology Research Funds effective February 6, 1964

Karin B Torgerson Laboratory Technologist Psychiatry and Neurology Research Funds effective January 2, 1964

Sharon H Skildum Laboratory Technician Veterinary Pathology and Parasitology Research Funds effective January 16, 1964

June P Calin Senior Clerk-Typist Women's Continuing Education Program effective January 31, 1964

James D Hajicek recipient of a National Science Foundation Regular Fellowship effective December 31, 1963

Robert J Mathews recipient of a United States Public Health Service Traineeship in Microbiology effective January 7, 1964

Patricia T Wirth recipient of a United States Public Health Service Traineeship in Medical Microbiology Research effective December 31, 1963

Pedro J Borregales recipient of a United States Public Health Service Fellowship in Pharmacology effective December 15, 1963

Charles D Matthews recipient of a United States Public Health Service Post Graduate Traineeship School of Public Health effective January 10, 1964

Elizabeth A Kentopp recipient of a United States Public Health Service Nurses Traineeship School of Public Health effective January 13, 1964

Patricia K O'Neil recipient of a United States Public Health Service Nurses Traineeship School of Nursing effective December 14, 1963

Benjamin M Sehagian recipient of a United States Public Health Service Cancer Training Grant Biochemistry effective December 15, 1963

Anthony M Sorem recipient of a Vocational Rehabilitation Administration Fellowship in Psychology effective December 13, 1963

#### Appointments

C Robert Morris, Jr as Professor Law School beginning September 16, 1964 at the rate of \$16,500 Term B

James C Savage as Associate Professor Geology and Geophysics beginning September 16, 1964 at the rate of \$10,000 Term B

Arvey C Sanders as Associate Professor School of Public Health Research Funds May 1 to June 30, 1964 at the rate of \$12,000 Term AT

Frederick R Greenberg as Assistant Professor Speech and Theatre Arts January 1 to June 30, 1964 at the rate of \$1,500 Term AH20 (\$7,536 A rate)

Richard E Phillips as Assistant Professor Poultry Science June 1, 1964 to June 30, 1966 at the rate of \$10,500 Term A

Harold A Miller as Assistant Professor Rhetoric September 16, 1964 to June 15, 1966 at the rate of \$6,500 Term B

John D McRae as Assistant Professor College of Pharmacy April 1, 1964 to June 15, 1966 at the rate of \$9,000 Term B

Dale C Dahl continuation of appointment as Research Associate Agricultural Economics January 1 to March 31, 1964 at \$2,000 Term CT (\$8,000 A rate)

Narayan G Patel continuation of appointment as Research Associate Entomology Fisheries and Wildlife Research Funds January 1 to March 31, 1964 at \$2,000 Term CT (\$8,000 A rate)

Nils Laegreid as Research Associate Electrical Engineering Research Funds January 16 to June 30, 1964 at the rate of \$11,500 Term AT (subject to availability of funds)

Donald C Norris as Research Associate Anatomy Research Funds January 1 to June 30, 1964 at \$5,500 Term CT (\$11,000 A rate)

Rex E Lovrien continuation of appointment as Research Associate Biochemistry College of Medical Sciences Research Funds January 1 to June 30, 1964 at \$4,500 Term CT (\$9,000 A rate)

Herbert R Baldwin as Lecturer School of Architecture for the winter and spring quarters of 1963-64 at \$2,100 Term CH50 (\$6,300 B rate)

Patricia E Good continuation of appointment as Lecturer Physical Medicine and Rehabilitation and Research Funds December 16-31, 1963 at \$188 Term CHT50 (\$9,000 A rate)

William E Gebhard as Lecturer General Education for the spring quarter of 1963-64 at \$500 Term CH25 (\$6,000 B rate)

Helen Garon as Lecturer Division of Humanities Duluth for the winter quarter of 1963-64 at \$417 Term CHX25 (\$5,000 B rate)

Florence C Mead continuation of appointment as Lecturer Division of Humanities Duluth for the winter quarter of 1963-64 at \$1,250 Term CHX75 (\$5,000 B rate)

Margaret J Thorbeck continuation of appointment as Lecturer Division of Humanities Duluth for the winter and spring quarters of 1963-64 at \$1,667 Term CHX50 (\$5,000 B rate)

Jackson N Willis as Lecturer Training Center for Delinquency Prevention and Control January 1 to June 30, 1964 at \$4,800 Term CHT80 (\$12,000 A rate)

Rezvan Mohragi as Instructor in Psychology Office of the Dean of Students Student Housing Bureau November 18, 1963 to June 30, 1964 at the rate of \$6,072 Term AH98 (\$6,216 A rate)

William A Reiners as Instructor Botany for the winter and spring quarters of 1963-64 at \$3,667 Term CT (\$5,500 B rate)

Thomas A Nelson as Instructor English for the winter quarter of 1963-64 at \$1,554 Term CX (\$4,662 B rate)

Fred W Hallberg continuation of appointment as Instructor Interdisciplinary Programs for the spring quarter of 1963-64 at \$777 Term CHX50 (\$4,662 B rate)

Anthony J Cichoke as Instructor Speech and Theatre Arts February 17 to June 15, 1964 at the rate of \$2,331 Term BH50 (\$4,662 B rate)

John P Hanton continuation of appointment as Instructor Electrical Engineering for the winter and spring quarters of 1963-64 at \$468 Term CHT15 (\$4,680 B rate)

David K Drill as Clinical Instructor Medicine without salary January 1 to June 30, 1964

John K Love as Instructor Physiology January 1 to March 31, 1964 at \$2,500 Term CT (\$10,000 A rate)

Edward M Ells as Instructor Psychiatry and Neurology with salary paid directly by the Veterans Administration Hospital November 1, 1963 to June 30, 1964

Frédéric C Wuest as Clinical Instructor Ophthalmology without salary December 1, 1963 to June 30, 1964

John S Rydberg continuation of appointment as Instructor Anesthesiology January 1 to June 30, 1964 at \$5,000 Term CT (\$10,000 A rate)

Thomas O Kajer as Instructor Agricultural Education January 1 to June 30, 1964 at the rate of \$4,662 Term AH74 (\$6,300 A rate)

Clifford L Nelson as Instructor Agricultural Education January 1 to June 30, 1964 at the rate of \$1,554 Term AH25 (\$6,216 A rate)

Richard P Getchell as Instructor School of Physical Education for the winter quarter of 1963-64 at \$750 Term CHX33 (\$6,750 B rate)

Dexa C Mowerson continuation of appointment as Instructor Physical Education for Women for the winter quarter of 1963-64 at \$311 Term CHT20 (\$4,662 B rate)

Herbert Grossman as Instructor Accounting for the winter quarter of 1963-64 at \$389 Term CH25 (\$4,662 B rate)

Franklin L McCarthy as Instructor Accounting for the winter and spring quarters of 1963-64 at \$1,980 Term CH63 (\$4,752 B rate)

George Moss as Instructor Accounting for the winter and spring quarters of 1963-64 at \$1,554 Term CH50 (\$4,662 B rate)



Irvin A Christenson, Jr as Instructor Division of Mathematics Morris January 6 to June 15, 1964 at the rate of \$6,900 Term B

Calvin W Appleby as Instructor General College for the winter and spring quarters of 1963-64 at \$1,554 Term CH50 (\$4,662 B rate)

Marilyn E Gometz as Instructor General College for the winter and spring quarters of 1963-64 at \$2,331 Term CH75 (\$4,662 B rate)

John R Jerhoff, Jr as Instructor General College for the winter and spring quarters of 1963-64 at \$1,554 Term CH50 (\$4,662 B rate)

Clifford M Hokanson as Instructor Southern School and Experiment Station January 2 to March 31, 1964 at \$1,200 Term CHTX60 (\$8,000 A rate)

Mary Molek continuation of appointment as Instructor and Curator Library January 1-31, 1964 at \$292 Term CH50 (\$7,000 A rate) and February 1 to June 30, 1964 at the rate of \$7,000 Term A

Justine J Speer as Instructor School of Public Health Research Funds January 6 to June 15, 1964 at the rate of \$4,662 Term BT

John J Haglin continuation of appointment as Instructor Surgery Hennepin County General Hospital Fellowships January 1 to June 30, 1964 at \$6,750 Term CT (\$13,500 A rate)

Baldev R Luther continuation of appointment as Clinical Instructor Psychiatry and Neurology Research Funds January 1 to June 30, 1964 at \$2,664 Term CHT74 (\$7,200 A rate)

Carl Kjelstrand as Research Fellow Surgery without salary December 1, 1963 to June 30, 1964

Shannon C Whipp as Research Fellow Veterinary Physiology and Pharmacology with salary paid directly by the United States Public Health Service July 1, 1963 to June 30, 1964

Doreen F Kvanbek as Research Fellow Business and Economic Research January 1 to June 15, 1964 at \$1,652 Term CH58 (\$4,662 B rate)

Cecelia D Pudelkewicz as Research Fellow Hormel Institute January 1 to June 30, 1964 at the rate of \$3,730 Term AHT60 (\$6,216 A rate)

Ramakrishnan Nagarajan as Research Fellow School of Chemistry Research Funds January 1 to June 30, 1964 at \$3,000 Term CHT97 (\$6,216 A rate)

Nobuhiko Handa continuation of appointment as Research Fellow Biochemistry Institute of Agriculture Research Funds January 1 to June 30, 1964 at \$2,797 Term CHT90 (\$6,216 A rate)

Odd Amundsen as Research Fellow School of Forestry Research Funds January 1 to April 30, 1964 at \$2,072 Term CT (\$6,216 A rate)

William M Bugbee continuation of appointment as Research Fellow Plant Pathology and Physiology Research Funds February 1 to May 31, 1964 at \$2,072 Term CT (\$6,216 A rate)

Min Chung as Research Fellow Microbiology Research Funds November 1, 1963 to June 30, 1964 at \$3,000 Term CHT72 (\$6,216 A rate)

Barbara H Rothenberg as Research Fellow Anatomy Research Funds December 18, 1963 to June 30, 1964 at \$3,476 Term CT (\$6,500 A rate)

William R Sadler as Research Fellow Microbiology Research Funds January 1 to June 30, 1964 at \$3,108 Term CT (\$6,216 A rate)

Sukanta K Dutta continuation of appointment as Research Fellow Veterinary Bacteriology and Public Health Research Funds January 1 to March 31, 1964 at \$1,554 Term CT (\$6,216 A rate)

Delmar R Finco continuation of appointment as Research Fellow Veterinary Medicine and Clinics Research Funds February 1 to June 30, 1964 at \$3,000 Term CT (\$7,200 A rate)

Barbara M Greer as Research Fellow Special Education January 1 to June 30, 1964 at \$1,554 Term CHT50 (\$6,216 A rate)

Linda R Clow as East Otter Tail County Assistant County Home Agent Instructor Agricultural Extension Service January 13 to June 30, 1964 at the rate of \$4,800 Term AT

Judith A Humphrey as Benton County Assistant County Home Agent Instructor Agricultural Extension Service January 16 to June 30, 1964 at the rate of \$4,900 Term AT

Janet E Mericle as Lac qui Parle County Assistant County Home Agent Instructor Agricultural Extension Service January 16 to June 30, 1964 at the rate of \$4,800 Term AT

Valerie A Sarenpa as Blue Earth County Home Agent Instructor Agricultural Extension Service January 2 to June 30, 1964 at the rate of \$5,400 (\$3,965 University \$1,435 County) Term AH73

John D Stone as Rice County Assistant County Agricultural Agent Instructor Agricultural Extension Service January 2 to June 30, 1964 at the rate of \$5,700 (\$5,125 University \$575 County) Term AH90

Marlys K Sutherland as Dodge County Home Agent Instructor Agricultural Extension Service February 1 to June 30, 1964 at the rate of \$5,000 (\$4,050 University \$950 County) Term AH81

David E MacLean continuation of appointment as Teaching Assistant Administration College of Liberal Arts for the spring quarter of 1963-64 at \$189 Term CH13

Eskil Broburg continuation of appointment as Teaching Assistant Classics for the winter and spring quarters of 1963-64 at \$726 Term CHX25

John W Knudsen as Teaching Assistant Economics for the winter and spring quarters of 1963-64 at \$1,452 Term CHX50

Dhawal J Mehta continuation of appointment as Teaching Assistant Economics for the winter quarter of 1963-64 at \$484 Term CHX33

Siegfried Schach as Teaching Assistant Economics for the winter quarter of 1963 64 at \$726 Term CHX50

Carol J Jennings continuation of appointment as Teaching Assistant English for the winter quarter of 1963-64 at \$581 Term CHX40

Michele A Swanson continuation of appointment as Teaching Assistant English for the winter quarter of 1963-64 at \$581 Term CHX40

Joan V Smith as Teaching Assistant Art Department for the winter and spring quarters of 1963-64 at \$726 Term CHX25

Larry D Engelmann as Teaching Assistant History December 16, 1963 to June 15, 1964 at the rate of \$2,178 Term BHX50

Charles M Gaile as Teaching Assistant Political Science for the winter and spring quarters of 1963-64 at \$1,452 Term CHX50

Steven C March continuation of appointment as Teaching Assistant Zoology for the winter and spring quarters of 1963-64 at \$1,452 Term CHT50

Gertrude Wu as Teaching Assistant Library School for the winter quarter of 1963-64 at \$726 Term CH50

Robert P Stehly as Teaching Assistant Civil Engineering December 16, 1963 to June 15, 1964 at the rate of \$2,178 Term BHT50

Kwang P Chao as Teaching Assistant Electrical Engineering January 1 to June 15, 1964 at \$666 Term CHT25

Sheng-Teng Hsu as Teaching Assistant Electrical Engineering December 16, 1963 to June 15, 1964 at the rate of \$2,178 Term BHT50

Martin F Cheng continuation of appointment as Teaching Assistant School of Mathematics Institute of Technology for the winter quarter of 1963-64 at \$363 Term CHX25

Daniel D Langren as Teaching Assistant Mechanical Engineering December 16, 1963 to June 15, 1964 at the rate of \$2,178 Term BH50

Allan D Adley continuation of appointment as Teaching Assistant School of Chemistry for the winter quarter of 1963-64 at \$726 Term CH50

George B Bodem as Teaching Assistant School of Chemistry December 16, 1963 to June 15, 1964 at the rate of \$2,178 Term BH50

Daniel Y Chang continuation of appointment as Teaching Assistant School of Chemistry for the winter quarter of 1963-64 at \$726 Term CH50

Jurgen Wohllebe as Teaching Assistant School of Chemistry December 16, 1963 to June 15, 1964 at the rate of \$2,178 Term BH50

Wendell G Beardsley as Teaching Assistant School of Forestry January 2 to February 29, 1964 at \$484 Term CHT50

Richard W Klukas as Teaching Assistant School of Forestry January 2 to March 31, 1964 at \$363 Term CHT25

Ann L Bertelson as Teaching Assistant School of Home Economics December 16, 1963 to June 15, 1964 at the rate of \$1,089 Term BH25

Patricia A Eggert as Teaching Assistant School of Home Economics December 16, 1963 to June 15, 1964 at the rate of \$1,089 Term BH25

Alvin Shemesh as Teaching Assistant Anatomy Research Funds for the winter quarter of 1963-64 at \$726 Term CHT50

Gurdial S Uppal continuation of appointment as Teaching Assistant School of Public Health for the winter quarter of 1963-64 at \$363 Term CH25

Richard A Thompson as Teaching Assistant School of Dentistry for 1963-64 at \$1,306 Term BH30

Karl E Jacobs as Teaching Assistant General Education January 16 to June 15, 1964 at \$807 Term CH33

Quince D McClard as Teaching Assistant General Education January 16 to June 15, 1964 at \$242 Term CH10

Pericles Caranicas continuation of appointment as Teaching Assistant Business Functions and Management for the winter quarter of 1963-64 at \$363 Term CH25

Roger E Earle as Teaching Assistant Quantitative Analysis December 16, 1963 to June 15, 1964 at the rate of \$1,089 Term BH25

Kwan S Kim continuation of appointment as Teaching Assistant Quantitative Analysis for the winter and spring quarters of 1963-64 at \$968 Term CHX33 and as Teaching Assistant Economics for the winter quarter of 1963-64 at \$484 Term CHX33

Hannah K Walseth continuation of appointment as Teaching Assistant General Education and Research Funds for the winter quarter of 1963-64 at \$726 Term CHT50

Darcy P Oman as Research Assistant Office of the Dean of Students Student Activities Bureau December 16, 1963 to June 15, 1964 at the rate of \$2,178 Term BH50

Wei-Kao Lu as Research Assistant Chemical Engineering January 1 to June 15, 1964 at \$1,997 Term CHT75

Kyaw Myint as Research Assistant Agricultural Economics January 6 to June 15, 1964 at the rate of \$1,936 Term AHT33 and June 16-30, 1964 at the rate of \$5,808 Term AT

James G Alinder as Research Assistant Department of Radio and Television December 16, 1963 to June 15, 1964 at the rate of \$2,178 Term BH50

Gyles W Randall as Research Assistant Soil Testing Laboratory January 2 to June 30, 1964 at the rate of \$2,904 Term AHT50

Geoffrey Ferster as Research Assistant Agricultural Economics Research Funds January 2 to June 15, 1964 at the rate of \$1,936 Term AHT33 and June 16-30, 1964 at the rate of \$5,808 Term AT

Ronald D Knutson as Research Assistant Agricultural Economics Research Funds January 2 to June 15, 1964 at the rate of \$2,904 Term AHT50 and June 16-30, 1964 at the rate of \$5,808 Term AT

Dale O Solum as Research Assistant Agricultural Economics Research Funds January 16 to June 15, 1964 at the rate of \$4,356 Term AHT75 and June 16-30, 1964 at the rate of \$5,808 Term AT

Raghubir Singh continuation of appointment as Research Assistant Agronomy and Plant Genetics Research Funds January 1 to March 31, 1964 at \$726 Term CHT50

Salah A Osman as Research Assistant Animal Husbandry Research Funds January 16 to June 30, 1964 at the rate of \$1,742 Term AHT30

Kammula G Raju continuation of appointment as Research Assistant Dairy Husbandry Research Funds January 1 to April 30, 1964 at \$968 Term CHT50

Alvin A Alm continuation of appointment as Research Assistant School of Forestry Research Funds January 1 to March 31, 1964 at \$1,089 Term CHT75

Chin-Chao Koh continuation of appointment as Research Assistant School of Forestry Research Funds January 1 to March 31, 1964 at \$726 Term CHT50

Jing S Su continuation of appointment as Research Assistant School of Home Economics Research Funds June 16-30, 1964 at \$121 Term CHT50

Robert Blanchar continuation of appointment as Research Assistant Soil Science Research Funds January 1 to March 31, 1964 at \$968 Term CHT50

Thomas A Gould as Research Assistant Bureau of Institutional Research January 16 to June 30, 1964 at \$1,331 Term CH50

Herbert M Juneau continuation of appointment as Research Assistant Electrical Engineering Research Funds December 16, 1963 to May 1, 1964 at \$545 Term CHT25

Virgil L Laing continuation of appointment as Research Assistant Electrical Engineering Research Funds December 16, 1963 to April 30, 1964 at \$1,089 Term CHT50

Wayne A Ebert continuation of appointment as Research Assistant Mechanical Engineering Research Funds December 16, 1963 to June 15, 1964 at \$726 Term CHT25

Frederick L Marsh as Research Assistant School of Chemistry Research Funds January 1 to June 15, 1964 at \$666 Term CHT25

Charles D Needham continuation of appointment as Research Assistant School of Chemistry Research Funds January 1 to March 15, 1964 at \$605 Term CHT50

James C Loblaw as Research Assistant Chemical Engineering Research Funds January 1 to June 15, 1964 at \$1,331 Term CHT50

Pierre L Lefrancois as Research Assistant School of Mineral and Metallurgical Engineering Research Funds January 1 to June 15, 1964 at the rate of \$2,178 Term BHT50

Gene H Nelson as Research Assistant School of Physics Research Funds December 16, 1963 to June 15, 1964 at the rate of \$1,089 Term BHT25

Roy E Stafford continuation of appointment as Research Assistant Agronomy and Plant Genetics Research Funds January 1 to June 30, 1964 at \$2,178 Term CHT75

Joseph G Mayo as Research Assistant Animal Husbandry Research Funds January 2 to June 30, 1964 at the rate of \$5,808 Term AT

Robert J Bose continuation of appointment as Research Assistant Biochemistry Institute of Agriculture Research Funds January 1 to March 31, 1964 at \$726 Term CHT50

Shiro Hasegawa continuation of appointment as Research Assistant Biochemistry Institute of Agriculture Research Funds January 1 to March 31, 1964 at \$726 Term CHT50

SuRae Lee continuation of appointment as Research Assistant Biochemistry Institute of Agriculture Research Funds January 1 to March 31, 1964 at \$726 Term CHT50

Shiau-Yen Chiu continuation of appointment as Research Assistant Microbiology Research Funds March 1 to June 30, 1964 at \$1,142 Term CHT59

Kenneth E Sjodin continuation of appointment as Research Assistant Physiology Research Funds December 1, 1963 to June 30, 1964 at \$2,541 Term CHT75

Hashem Fatemi as Research Assistant School of Public Health Research Funds December 13, 1963 to January 3, 1964 at \$236 Term CHT71 and January 6 to March 31, 1964 at \$249 Term CHT18

Paul G Cannon continuation of appointment as Research Assistant Surgery Research Funds January 1 to June 30, 1964 at \$1,800 Term CHT62

I H Siddique as Research Assistant Veterinary Bacteriology and Public Health Research Funds January 1 to June 30, 1964 at \$1,452 Term CHT50

Howard F Bird as Research Assistant Special Education Research Funds January 1 to June 30, 1964 at \$726 Term CHT25

Jean K Field as Research Assistant Special Education Research Funds January 1 to June 30, 1964 at \$726 Term CHT25

Robert V Blakely as Research Assistant Training Center for Delinquency Prevention and Control January 15 to June 15, 1964 at \$1,210 Term CHT50

Joseph B Martin III as Administrative Fellow Office of Admissions and Records January 1 to June 30, 1964 at the rate of \$1,452 Term AH25

Archie D Chelseth as Administrative Fellow Administration Institute of Agriculture January 13 to June 15, 1964 at the rate of \$2,904 Term AH50 and June 16-30, 1964 at the rate of \$5,808 Term A

Lawrence J Schut continuation of appointment as Medical Fellow Specialist Psychiatry and Neurology Hennepin County General Hospital Fellowships January 1 to June 30, 1964 at \$1,575 plus tuition and fees Term CT (\$3,150 plus tuition and fees A rate)

John A Ochsner as Medical Fellow Surgery with salary paid directly by the Veterans Administration Hospital January 1 to June 30, 1964

Sherman A Hershfield as Medical Fellow Physical Medicine and Rehabilitation and University Health Service January 1 to June 30, 1964 at the rate of \$3,150 plus tuition and fees Term A

Aaron Kerlow as Medical Fellow Medicine Mt Sinai Hospital Fellowships October 1, 1963 to June 30, 1964 at the rate of \$3,150 plus tuition and fees Term AT

Shean-ming Liu as Medical Fellow Medicine Ancker Hospital Fellowships January 1 to June 30, 1964 at the rate of \$3,150 plus tuition and fees Term AT

Jorge Cueto as Intern University of Minnesota Hospitals January 1 to June 30, 1964 at the rate of \$2,400 Term A

Lana J Dahl as Senior Clerk Office of the Vice President Academic Administration December 26, 1963 to June 30, 1964 at the rate of \$3,504 Term A

Susan C Rheaume as Senior Clerk-Typist Office of the Vice President Academic Administration December 16, 1963 to June 30, 1964 at the rate of \$3,504 Term A

Joan M Carlson as Clerk Business Office January 10 to June 30, 1964 at the rate of \$2,772 Term A

Cheryl N Paulaha as Clerk Business Office January 6 to June 30, 1964 at the rate of \$2,772 Term A

Gerald E Anderson as Stores Clerk General Storehouse December 16, 1963 to June 30, 1964 at the rate of \$3,120 Term A

Evelyn F Johnson as Clerk-Typist Chemical Storehouse January 7 to June 30, 1964 at the rate of \$2,880 Term A

June M Gritz as Key Punch Operator Data Processing Center January 1 to June 30, 1964 at the rate of \$3,240 Term A

Jerilyn S Burriss as Transcribing Machine Operator Office of the Dean of Students Student Counseling Bureau January 15 to June 30, 1964 at the rate of \$3,000 Term A

Carole J Paul as Clerk Office of the Dean of Students Student Counseling Bureau January 20 to June 30, 1964 at the rate of \$2,772 Term A

Rodalyn A Coleman as Clerk Office of Admissions and Records February 1 to June 30, 1964 at the rate of \$2,772 Term AT

Vernita J Henry as Clerk Office of Admissions and Records February 1 to June 30, 1964 at the rate of \$2,772 Term AT

Linda Z Mack as Account Clerk Department of University Relations January 14 to June 30, 1964 at the rate of \$3,648 Term A

Kathleen I Reiter as Clerk-Typist Administration College of Liberal Arts January 13 to June 30, 1964 at the rate of \$2,880 Term A

Wallace L Johnson as Senior Laboratory Attendant Botany January 1 to June 30, 1964 at \$1,974 Term CT (\$3,948 A rate)

Patricia J Colness as Secretary Classics January 1 to June 30, 1964 at the rate of \$3,648 Term A

Mary A Hassenstab as Secretary Interdisciplinary Programs January 2 to June 30, 1964 at the rate of \$3,648 Term A

Marilyn L Steere as Artist Zoology January 16 to June 15, 1964 at the rate of \$3,600 Term B

Dorothy L Trapp as Senior Clerk-Typist School of Mineral and Metallurgical Engineering January 20 to June 30, 1964 at the rate of \$3,504 Term A

Gail D Rogers as Senior Clerk-Typist School of Physics January 2 to June 30, 1964 at the rate of \$3,504 Term A

Katherine E Neher as Senior Clerk-Typist College of Agriculture Forestry and Home Economics January 6 to June 30, 1964 at the rate of \$3,504 Term A

Beatrice S Sanborn as Senior Clerk-Typist College of Agriculture Forestry and Home Economics January 6 to June 30, 1964 at the rate of \$3,504 Term A

Beverly R Karr as Principal Secretary Agronomy and Plant Genetics January 14 to June 30, 1964 at the rate of \$4,272 Term A

Michael D Scott continuation of appointment as Laboratory Technician Animal Husbandry January 1 to March 31, 1964 at \$810 Term C (\$3,240 A rate)

Kristi A Ylvisaker as Laboratory Attendant School of Home Economics January 2 to June 30, 1964 at the rate of \$2,772 Term A

Victoria L Walker as Clerk-Typist Plant Pathology and Physiology January 13 to June 30, 1964 at the rate of \$2,880 Term A

Gerald H Gillman as Assistant to the Dean Administration College of Medical Sciences December 18, 1963 to June 30, 1964 at the rate of \$8,664 Term A

William Kreykes continuation of appointment as Senior Laboratory Technician Obstetrics and Gynecology Research Funds January 1 to June 30, 1964 at \$1,733 Term CHT75 (\$4,620 A rate)

Barbara A Ludtke continuation of appointment as Secretary Obstetrics and Gynecology Research Funds January 1 to June 30, 1964 at \$2,052 Term CT (\$4,104 A rate)

Mary K Bilek as Senior Statistician School of Public Health December 20, 1963 to June 30, 1964 at \$1,542 Term CH50 (\$5,844 A rate)

Carol J Ellis continuation of appointment as Laboratory Technician Surgery Research Funds December 1, 1963 to June 30, 1964 at \$1,890 Term CT (\$3,240 A rate)

Joan M Britton as Senior Laboratory Technician Psychiatry and Neurology and Research Funds January 6 to June 30, 1964 at the rate of \$4,272 Term A

Marilyn J Rasmussen as Principal Clerk Administration College of Veterinary Medicine December 16, 1963 to June 30, 1964 at the rate of \$4,272 Term A

Patricia R Lorenz as Senior Clerk-Typist Veterinary Medicine and Clinics January 16 to June 30, 1964 at the rate of \$3,504 Term A

James L Dunlap as Dental Prosthetic Technician School of Dentistry December 30, 1963 to June 15, 1964 at the rate of \$4,050 Term B

Janice M Gacusana as Senior X-ray Technician School of Dentistry December 19, 1963 to June 30, 1964 at the rate of \$4,440 Term A

Sharon Reich as Clerk-Typist Administration College of Education January 6 to June 30, 1964 at the rate of \$2,880 Term A

Patricia A Norring as Clerk-Typist Graduate School January 16 to June 30, 1964 at the rate of \$2,880 Term A

Carley A Christman as Clerk-Typist Administration School of Business Administration January 8 to June 30, 1964 at the rate of \$2,880 Term A

Roberta K Figy as Secretary Administration School of Business Administration January 1 to June 30, 1964 at the rate of \$3,648 Term A

Rosalie E Henkel as Senior Clerk-Typist School of Business Administration January 7 to June 30, 1964 at the rate of \$3,504 Term A

Nancy A Stevermer as Secretary School of Business Administration January 2 to June 30, 1964 at the rate of \$3,648 Term A

Gretchen L Tselos as Senior Clerk-Typist School of Business Administration December 18-31, 1963 at the rate of \$3,504 Term A (terminated)

Emma C Walker as Hospital Aide University of Minnesota Hospitals December 11, 1963 to June 30, 1964 at the rate of \$3,120 Term A

The following in the University of Minnesota Hospitals December 16, 1963 to June 30, 1964

		Annual Salary	Term
Carol A Klessig	Student Technologist Supervisor	\$5,616	A
Nancy J Nechanicky	General Staff Nurse	4,800	A
Ann P Sander	General Staff Nurse	4,800	A
Virginia R Yamada	Senior Clerk-Typist	3,504	AT

Marion D McKenzie as Senior Clerk-Typist University of Minnesota Hospitals December 30, 1963 to June 30, 1964 at the rate of \$3,504 Term A

The following in the University of Minnesota Hospitals January 6 to June 30, 1964

		Annual Salary	Term
Constance Y Anderson	General Staff Nurse	\$4,800	A
Ellen I Fish	Hospital Aide	3,120	A
Lila S Haugen	Food Service Worker	2,880	A
Carol A Lies	General Staff Nurse	4,992	A
Bonnie J McKenzie	General Staff Nurse	4,800	A
Harriet M Rasmussen	General Staff Nurse	4,800	A
Karen E Rudder	Senior Clerk-Typist	3,504	AT

Pearl S Varian as Laboratory Technician University of Minnesota Hospitals January 9 to June 30, 1964 at the rate of \$3,240 Term A

The following in the University of Minnesota Hospitals January 13 to June 30, 1964 Term A

		Annual Salary	Term
Sarahalee R Appleman	Clerk-Typist	\$2,880	
Sharon M Erickson	Hospital Aide	3,120	
Mary Jane Steeves	General Staff Nurse	4,800	
Dianne R Goodwin	Nursing Station Assistant	3,240	

Stella H Nelson as General Staff Nurse University of Minnesota Hospitals January 16 to June 30, 1964 at the rate of \$4,992 Term A

The following in the University of Minnesota Hospitals February 1 to June 30, 1964 Term A

		Annual Salary	Term
Helen T Berger	Food Service Worker	\$2,880	
Patricia A Blaisdell	General Staff Nurse	4,800	
Dorothy G Collett	Custodial Worker	2,880	

		Annual Salary
Michel K DeVoir	General Staff Nurse	4,800
Phyllis L Freeman	General Staff Nurse	4,800
Patricia L Hayes	General Staff Nurse	4,800
Patricia A Iverson	Student Technologist Supervisor	5,616
Elizabeth A Kenan	General Staff Nurse	4,800
Paula C Muhm	General Staff Nurse	4,800
Mary Lou Mullen	General Staff Nurse	4,800
Evelyn A Novy	Practical Nurse	3,504
Barbara G Olson	Practical Nurse	3,648
Barbara J Rhodes	General Staff Nurse	4,800
Judith A Rodekuhr	Practical Nurse	3,648
Sue N Sauer	Practical Nurse	3,792
Astrid T Skatberg	General Staff Nurse	4,992
Mary A Stine	Custodial Worker	2,880
Phyllis I Theodorson	General Staff Nurse	4,800
Kathleen M Tighe	Practical Nurse	4,104
Rose M Villarreal	General Staff Nurse	4,800
Geraldine Wiggins	Food Service Worker	2,880
Wanita D Zochert	Practical Nurse	3,504

Rosalie A Mandery as Clerk-Stenographer University High School January 6 to April 15, 1964 at \$875 Term CX (\$3,120 A rate)

Loretta M Lundblad as Senior Clerk-Typist Administration General Extension Division January 6 to June 30, 1964 at the rate of \$3,504 Term A

Patricia A Flis as Senior Clerk-Typist Evening and Special Classes January 13 to June 30, 1964 at the rate of \$3,504 Term A

Judy G LeBlanc as Clerk-Typist Correspondence Study Instruction December 3, 1963 to June 30, 1964 at the rate of \$2,880 Term A

Patricia A Raff as Clerk Correspondence Study Instruction December 16, 1963 to June 30, 1964 at the rate of \$2,772 Term A

Elmer L Mahrer as Junior Engineer Department of Radio and Television January 6 to June 30, 1964 at the rate of \$6,312 Term A

JaNahne McCready as Clerk-Typist Audio-Visual Extension Service January 2 to June 30, 1964 at the rate of \$2,880 Term A

Sharon Smrstick as Senior Clerk-Typist Trainee Audio-Visual Extension Service January 16 to June 30, 1964 at the rate of \$3,372 Term A

Eleanor I Ward as Secretary North Central School of Agriculture January 2 to June 30, 1964 at the rate of \$3,648 Term A

Ann I Kelley as Senior Clerk-Typist Agricultural Extension Service January 1 to June 30, 1964 at the rate of \$3,504 Term A

JoAnn T Anderson as Clerk State-Wide Testing Program January 20 to June 30, 1964 at the rate of \$2,772 Term A

Sharon L Peterson as Clerk-Typist Library January 6 to June 30, 1964 at the rate of \$2,880 Term A

Kathryn S P Sparck as Junior Librarian Library December 30, 1963 to June 30, 1964 at the rate of \$5,400 Term A

Valera B Wagner as Library Assistant Library January 6 to June 30, 1964 at \$1,044 Term CH50 (\$4,272 A rate)

Janice N Moe as Clerk-Typist Library St Paul January 6 to June 30, 1964 at the rate of \$3,240 Term A

Naomi K Gilbert as Key Punch Operator Agricultural Experiment Station January 1 to June 30, 1964 at the rate of \$3,240 Term AT

Julia R Heim continuation of appointment as Key Punch Operator Agricultural Experiment Station January 1 to March 31, 1964 at \$810 Term CT (\$3,240 A rate)

Rozanne Kollitz as Senior Clerk-Typist Agricultural Experiment Station January 1 to June 30, 1964 at the rate of \$3,504 Term AT



Jeanette C Krause as Key Punch Operator Trainee Agricultural Experiment Station January 1 to March 31, 1964 at \$750 Term CT: (\$3,000 A rate)

Sharon W McCollor as Key Punch Operator Trainee Agricultural Experiment Station January 1 to March 31, 1964 at \$780 Term CT (\$3,120 A rate)

Gayle A Pierce as Key Punch Operator Trainee Agricultural Experiment Station January 1 to March 31, 1964 at \$750 Term CT (\$3,000 A rate)

Sandra B Proeschel as Key Punch Operator Agricultural Experiment Station January 1 to June 30, 1964 at the rate of \$3,240 Term AT

Lois M Ancel as Senior Clerk-Typist Agricultural Economics Research Funds December 16, 1963 to June 30, 1964 at the rate of \$3,504 Term AT

Barbara E Beck continuation of appointment as Senior Laboratory Technician Entomology Fisheries and Wildlife Research Funds January 1 to February 29, 1964 at \$684 Term CTX (\$4,104 A rate)

Phillip C Ahn continuation of appointment as Junior Scientist School of Home Economics Research Funds January 1 to March 31, 1964 at \$1,641 Term CTX (\$6,564 A rate)

Charles J Arntzen continuation of appointment as Senior Laboratory Attendant Plant Pathology and Physiology Research Funds January 1 to June 30, 1964 at \$1,974 Term CT (\$3,948 A rate)

George F Rader as Experimental Plot Supervisor Northeast Experiment Station January 16 to June 30, 1964 at the rate of \$4,800 Term A

Arlene K Miller as Secretary Business and Economic Research January 6 to June 30, 1964 at the rate of \$3,648 Term A

Wayne H Heimermann as Laboratory Technician Hormel Institute January 1 to June 30, 1964 at the rate of \$3,240 Term AT

Robert G Hietala as Building Caretaker Plant Services February 1 to June 30, 1964 at the rate of \$3,792 Term A

Arnold W Johnson as Building Caretaker Plant Services February 1 to June 30, 1964 at the rate of \$3,792 Term A

Patrick J Kewatt as Building Caretaker Plant Services January 1 to June 30, 1964 at the rate of \$3,792 Term A

Keith Melander as Building Caretaker Plant Services February 1 to June 30, 1964 at the rate of \$3,792 Term A

Erling H Everson as Building Caretaker Plant Services February 1 to June 30, 1964 at the rate of \$3,792 Term A

Oliver L Hegg as Building Caretaker Plant Services February 1 to June 30, 1964 at the rate of \$3,792 Term A

Joseph J Karkulowski as Building Caretaker Plant Services Duluth December 16, 1963 to June 30, 1964 at the rate of \$3,792 Term A

Kenneth M Tonkin as Building Caretaker Plant Services Duluth December 16, 1963 to June 30, 1964 at the rate of \$3,792 Term A

Dorothy T Hart as Food Service Worker Sanford Hall January 3 to June 30, 1964 at the rate of \$2,880 Term A

Ruth M Streed as Custodial Worker Center for Continuation Study Hall January 15 to June 30, 1964 at the rate of \$2,880 Term A

Helen C Layman as Custodial Worker Comstock Hall December 23, 1963 to June 30, 1964 at the rate of \$2,880 Term A

Rosella O Wall as Assistant Cook Comstock Hall January 6 to June 30, 1964 at the rate of \$3,000 Term A

Winifred R Loveridge as Clerk-Typist Como Avenue and Grove East Housing Project January 13 to June 30, 1964 at the rate of \$2,880 Term A

Kathryn J Baxter as Clerk St Paul Student Center January 8 to June 30, 1964 at the rate of \$2,772 Term A

Almira E Ganz as Clerk-Typist University Health Service January 16 to June 30, 1964 at the rate of \$2,880 Term A

Suzanne M Rapps as Dental Hygienist University Health Service January 1 to June 15, 1964 at the rate of \$2,844 Term B

Della I Bergin as Food Service Worker Mayo Memorial Hospital Gift Shop and Fountain January 6 to June 30, 1964 at the rate of \$2,880 Term A

H Jeanette L Hein as Senior Clerk Nicholson Hall Bookstore November 1, 1963 to June 30, 1964 at the rate of \$3,372 Term A

James C Smith as Business Manager of the Photographic Laboratory January 7 to June 30, 1964 at the rate of \$5,616 Term A

Karen M Olness as Clerk-Typist University Press January 22 to June 30, 1964 at the rate of \$2,880 Term A

Sharon M Lymer as Clerk Mimeograph Department December 11, 1963 to June 30, 1964 at the rate of \$2,772 Term A

Richard P Edgerton as Communications Technician Audio-Visual Education Service February 1, 1964 to June 30, 1964 at the rate of \$4,800 Term A

Mary E Tosick as Secretary Psychology Research Funds January 1 to June 30, 1964 at the rate of \$3,648 Term AT

Judith M Mike as Editorial Assistant St Anthony Falls Hydraulic Laboratory Research Funds December 16, 1963 to June 30, 1964 at the rate of \$4,440 Term AT

Sheila K Frost as Senior Clerk-Typist Minnesota School Mathematics and Science Center December 16, 1963 to June 30, 1964 at the rate of \$3,504 Term AT

Peteris V Auzins continuation of appointment as Assistant Scientist School of Chemistry Research Funds January 1 to June 30, 1964 at \$3,552 Term CT (\$7,104 A rate)

Hannelore S Hagen as Senior Laboratory Technician School of Mineral and Metallurgical Engineering Research Funds November 1, 1963 to February 29, 1964 at \$1,368 Term CTX (\$4,104 A rate)

Gordon F Schissel as Senior Clerk-Typist School of Physics Research Funds January 13 to June 30, 1964 at the rate of \$3,504 Term AT

Dolores V Ness as Senior Clerk-Typist Agronomy and Plant Genetics Research Funds December 1, 1963 to June 30, 1964 at the rate of \$3,504 Term AT

Charles L Spohr as Laboratory Technologist Agronomy and Plant Genetics Research Funds January 8 to June 30, 1964 at the rate of \$5,196 Term AT

Doris I Buchwitz continuation of appointment as Clerk-Typist Animal Husbandry Research Funds February 1 to June 30, 1964 at \$1,200 Term CT (\$2,880 A rate)

Larry R Mitzner as Laboratory Technologist Entomology Fisheries and Wildlife Research Funds December 16, 1963 to June 30, 1964 at the rate of \$5,196 Term AT

Meredith H Molstad as Informational Representative Minnesota Medical Foundation January 2 to June 30, 1964 at the rate of \$4,440 Term AT

Margaret R Brown as Senior Clerk-Typist Anatomy Research Funds January 6 to June 30, 1964 at \$1,709 Term CT (\$3,504 A rate)

Lance C Buen continuation of appointment as Junior Scientist Microbiology Research Funds March 1 to June 30, 1964 at \$1,872 Term CT (\$5,616 A rate)

Lily A Jones continuation of appointment as Senior Laboratory Technician Microbiology Research Funds March 1 to June 30, 1964 at \$1,480 Term CT (\$4,440 A rate)

Harriet S Larson continuation of appointment as Laboratory Attendant Microbiology Research Funds May 1 to June 30, 1964 at \$520 Term CT (\$3,120 A rate)

M Charles Moon continuation of appointment as Laboratory Animal Attendant Microbiology Research Funds March 1 to May 31, 1964 at \$912 Term CT (\$3,648 A rate)

Audrey T Ronsen continuation of appointment as Senior Laboratory Attendant Microbiology Research Funds March 1 to June 30, 1964 at \$1,424 Term CT (\$4,272 A rate)

Egon S Strauman continuation of appointment as Laboratory Technologist Microbiology Research Funds March 1 to June 30, 1964 at \$1,732 Term CT (\$5,196 A rate)

Virginia P Belcher as Statistician Medicine Research Funds October 28, 1963 to June 30, 1964 at \$2,472 Term CHT75 (\$4,800 A rate)

Ruth A Cardinal continuation of appointment as Junior Scientist Medicine Research Funds January 1 to June 30, 1964 at \$3,414 Term CT (\$6,828 A rate)

Vincent Hynes continuation of appointment as Senior Laboratory Animal Attendant Medicine Research Funds December 1, 1963 to June 30, 1964 at \$2,492 Term CT (\$4,272 A rate)

Erika C Lewis as Senior Laboratory Technician Pathology Research Funds November 15, 1963 to June 30, 1964 at the rate of \$4,104 Term ATX

Julie L Swanson continuation of appointment as Senior Laboratory Technician Pathology Research Funds January 1 to June 30, 1964 at the rate of \$4,104 Term AT

Lois R Wennen as Clerk-Stenographer Pathology Research Funds January 2 to June 30, 1964 at \$1,560 Term CT (\$3,120 A rate)

Nancy E Ashbach continuation of appointment as Junior Scientist Pediatrics Research Funds January 1 to June 30, 1964 at \$2,808 Term CT (\$5,616 A rate)

Victoria A Ausen continuation of appointment as Secretary Trainee Pediatrics Research Funds January 1 to June 30, 1964 at \$1,752 Term CT (\$3,504 A rate)

Yvonne E Befort continuation of appointment as Secretary Pediatrics Research Funds January 1 to June 30, 1964 at \$1,974 Term CT (\$3,948 A rate)

M Jane Burley continuation of appointment as Junior Scientist Pediatrics Research Funds January 1 to June 30, 1964 at \$2,414 Term CT (\$6,828 A rate)

Caridad Go continuation of appointment as Junior Scientist Pediatrics Research Funds January 1 to June 30, 1964 at \$2,922 Term CT (\$5,844 A rate)

Joyce E Lounberg continuation of appointment as Junior Scientist Pediatrics Research Funds January 1 to June 30, 1964 at \$3,282 Term CT (\$6,564 A rate)

Carolyn M Miller continuation of appointment as Assistant Scientist Pediatrics Research Funds January 1 to June 30, 1964 at \$3,552 Term CT (\$7,104 A rate)

Chrystie K Mortensen as Laboratory Technician Pediatrics Research Funds December 9, 1963 to February 29, 1964 at \$743 Term CT (\$3,240 A rate)

Patricia A Murphy continuation of appointment as Senior Clerk-Typist Pediatrics Research Funds January 1 to June 30, 1964 at \$1,752 Term CT (\$3,504 A rate)

Janell R Nelson continuation of appointment as Laboratory Technician Pediatrics Research Funds January 1 to June 30, 1964 at \$1,620 Term CT (\$3,240 A rate)

Cheryl L Nordstrom as Clerk-Typist Pediatrics Research Funds December 31, 1963 to June 30, 1964 at \$1,445 Term CT (\$2,880 A rate)

Susan P Sisson continuation of appointment as Laboratory Technician Pediatrics Research Funds January 1 to June 30, 1964 at \$1,620 Term CT (\$3,240 A rate)

Mary Ann Strauss continuation of appointment as Laboratory Technologist Pediatrics Research Funds January 1 to June 30, 1964 at \$2,700 Term CT (\$5,400 A rate)

Velta E Svinis continuation of appointment as Laboratory Technologist Pediatrics Research Funds January 1 to June 30, 1964 at \$2,808 Term CT (\$5,616 A rate)

Peggy A Diehl as Clerk-Typist School of Public Health Program in Hospital Administration Research Funds January 10 to June 30, 1964 at the rate of \$2,880 Term AT

Lynn C Gardner as Senior Clerk-Typist School of Public Health Research Funds December 16-27, 1963 at \$122 Term CT (\$3,504 A rate) and as Senior Clerk-Typist School of Public Health December 28, 1963 to June 30, 1964 at the rate of \$3,504 Term A

Marlys O Ewing continuation of appointment as Senior Statistical Clerk School of Public Health Research Funds October 1 to December 10, 1963 at the rate of \$3,648 Term AT (terminated)

Bernice L King continuation of appointment as Senior Secretary Office of Cancer Coordinator January 1-7, 1964 at \$74 Term CT (\$4,104 A rate); terminated

Bezel Bailey continuation of appointment as Principal Laboratory Animal Attendant Surgery Research Funds March 1 to June 30, 1964 at \$1,664 Term CT (\$4,992 A rate)

Gary L Carlson as Laboratory Technician Surgery Research Funds December 23, 1963 to March 31, 1964 at \$889 Term CT (\$3,240 A rate)

Lawrence R Gleason as Senior Laboratory Animal Attendant Surgery Research Funds February 1 to June 30, 1964 at \$1,710 Term CT (\$4,104 A rate)

Herbert R Halvorson as Junior Scientist Surgery Research Funds January 7 to June 30, 1964 at \$2,723 Term CT (\$5,616 A rate)

Elaine Jernberg continuation of appointment as Laboratory Technologist Surgery Research Funds March 1 to June 30, 1964 at \$1,872 Term CT (\$5,616 A rate)

Jane J Kuykendall continuation of appointment as Senior Laboratory Animal Attendant Surgery Research Funds April 1 to June 30, 1964 at \$1,200 Term CT (\$4,800 A rate)

Sylvester Landrum as Senior Laboratory Animal Attendant Surgery Research Funds January 16 to June 30, 1964 at \$1,881 Term CT (\$4,104 A rate)

Ann W Roesner as Laboratory Technologist Surgery Research Funds December 26, 1963 to June 30, 1964 at \$2,670 Term CT (\$5,196 A rate)

Edith H Miller as Junior Scientist Psychiatry and Neurology Research Funds January 2 to June 30, 1964 at \$2,808 Term CT (\$5,616 A rate)

Jacqueline M Manthe as Laboratory Technician Radiology Research Funds January 1 to June 30, 1964 at the rate of \$3,240 Term AT

Gail M Gotsch as Senior Clerk-Typist Psychiatry and Neurology Research Funds January 13 to June 30, 1964 at \$1,646 Term CT (\$3,504 A rate)

Joan A Johnson as Laboratory Technologist Trainee Psychiatry and Neurology Research Funds January 6 to June 30, 1964 at \$2,345 Term CT (\$4,800 A rate)

Geraldine Urbach continuation of appointment as Senior Statistical Clerk Psychiatry and Neurology Research Funds January 1 to June 30, 1964 at \$1,824 Term CT (\$3,648 A rate)

Gretchen F Ostebo as Senior Laboratory Technician Biochemistry College of Medical Sciences Research Funds January 20 to June 30, 1964 at \$1,853 Term CT (\$4,104 A rate)

Elaine S Engelbart as Audiologist Physical Medicine and Rehabilitation Research Funds January 1 to June 30, 1964 at \$1,707 Term CHT50 (\$6,828 A rate)

Louis E Moore continuation of appointment as Senior Laboratory Animal Attendant Anesthesiology Research Funds January 1 to June 30, 1964 at \$2,136 Term CT (\$4,272 A rate)

Shirley M Andersen continuation of appointment as Laboratory Technician Veterinary Medicine and Clinics Research Funds February 1 to June 30, 1964 at \$1,350 Term CT (\$3,240 A rate)

Eleonore J Roebuck as Laboratory Attendant Veterinary Medicine and Clinics Research Funds January 20 to June 30, 1964 at \$1,251 Term CT (\$2,772 A rate)

Marcia Klement as Senior Clerk-Typist Foreign Language Summer Institute January 7 to June 30, 1964 at \$1,699 Term CT (\$3,504 A rate)

James E Forbes as Museum Assistant Museum of Natural History Research Funds January 1 to June 30, 1964 at \$2,400 Term CT (\$4,800 A rate)

Lois H Eiseman as Senior Clerk-Typist Women's Continuing Education Program January 8 to June 30, 1964 at the rate of \$3,504 Term AT

Mary L Lillion as recipient of an American Federation of Technical Engineers Local 101 American Indian Scholarship of \$300 January 6 to June 30, 1964 College of Liberal Arts

John F Fischer as recipient of a Charles and Ellora Alliss Foundation Scholarship of \$300 December 15, 1963 to June 30, 1964 College of Liberal Arts

Anthony W Holt as recipient of a Charles and Ellora Alliss Foundation Scholarship of \$400 December 15, 1963 to June 30, 1964 College of Liberal Arts

Judith Leppanen as recipient of a Charles and Ellora Alliss Educational Foundation Scholarship of \$262 for the winter and spring quarters of 1963-64 College of Liberal Arts

Duane L Engel as recipient of an American Society of Tool Engineers Minneapolis Chapter Scholarship of \$100 January 3 to March 15, 1964 Institute of Technology

Thomas O McNamara as recipient of a Ray V Arnold Scholarship of \$234 January 3 to March 15, 1964 College of Medical Sciences

The following as recipients of Associated General Contractors of Minnesota Scholarships of \$200 each January 9 to June 30, 1964 Institute of Technology

James C Crohn  
Michael J Hanson  
Stephen L Legler

Willard R Willette II  
Larry D Winter

James E Miller as recipient of a Bend-Southall-McBratnie Company Scholarship of \$200 January 9 to March 15, 1964 College of Liberal Arts

Gestur B Davidson and Peter C Sederberg as recipients of Bend-Southall-McBratnie Scholarships of \$100 each for the winter quarter of 1963-64 College of Liberal Arts

Dennis E Reynolds and Jack S Resnick as recipients of Walter D Boutell Memorial Scholarships of \$250 each for the winter quarter of 1963-64 College of Medical Sciences

The following as recipients of Otto Bremer Foundation Special Scholarships of \$400 each for the winter and spring quarters of 1963-64

Judith Burger	College of Liberal Arts
Richard E Elling	College of Liberal Arts
Mary J Flynn	School of Nursing
Leslie H Novak	College of Liberal Arts
Gail Peterson	College of Liberal Arts
David Rodum	College of Liberal Arts
Susan M J Schaefer	College of Liberal Arts
Kathleen A Schwartzbauer	College of Liberal Arts
Bonnie K Wapola	College of Liberal Arts
Kenneth C Wolfgram	Institute of Technology

Ruth M Armstrong as recipient of a Carnegie Corporation of New York Scholarship of \$90 January 14 to June 30, 1964 Women's Continuing Education Program

Dale A Von Ruden as recipient of a Martin William Case and George Leland Case Medical Scholarship of \$298 for the winter quarter of 1963-64

George F Reilly as recipient of a Wilbur H Cherry Memorial Scholarship of \$125 December 23, 1963 Law School

The following as recipients of John Cowles Foundation Fellowships of \$150 each for the winter quarter of 1963-64 Graduate School

Elsaid A G Ashour	Iftikhar A Kahn
Bhupat N Desai	Manohar L Muttreja
Fahim S Elmargia	Waddah N Nasr
Daniel Freeman	Satwant S Rihal

The following as recipients of John Cowles Foundation Fellowships of \$300 each for the winter and spring quarters of 1963-64 Graduate School

Yusuf J Husain	Makram Semaan
Joshua S Meena	Nachiappan Shanmugam

Chun C Ungbhakorn as recipient of a John Cowles Foundation Fellowship of \$100 for the winter quarter of 1963-64 Graduate School

James A Fischer as recipient of an Edward Everett Davidson Memorial Scholarship of \$300 for the winter quarter of 1963-64 College of Medical Sciences

Robert G Malone as recipient of a Caleb Dorr Special Achievement Award of \$100 for the winter quarter of 1963-64 College of Agriculture Forestry and Home Economics

Jean E Mattson as recipient of a Caleb Dorr Special Achievement Award of \$100 for the winter quarter of 1963-64 College of Agriculture Forestry and Home Economics

The following as recipients of Duluth Campus Scholarships for the winter and spring quarters of 1963-64

	Amount
Richard A Bartholdi	\$280
Sandra E Deloyd	170
Carol Moir	170

Roger E Layon as recipient of a Duluth Campus Sinclair Lewis Memorial Scholarship of \$135 for the winter quarter of 1963-64

George M Pope as recipient of a Duluth Campus Silver Bay PTA Scholarship of \$200 for the winter and spring quarters of 1963-64

Harold B Myers as recipient of a Farmers Union Central Exchange Scholarship of \$250 for the winter and spring quarters of 1963-64 College of Agriculture Forestry and Home Economics

Warren A Anderson as recipient of a Dr A M Field Agricultural Education Student Aid Scholarship of \$200 for the winter and spring quarters of 1963-64 College of Agriculture Forestry and Home Economics

Armand Tjong-A-Hung as recipient of a Foreign Students Emergency Aid Scholarship of \$533.34 January 13 to June 30, 1964 Graduate School

Joseph Berhan as recipient of a Foreign Student Emergency Aid Scholarship of \$377 January 23 to March 31, 1964 Institute of Technology

Clement O Udeze as recipient of a Foreign Student Emergency Aid Scholarship of \$250 November 1, 1963 to June 30, 1964 College of Liberal Arts

The following as recipients of Foreign Student Emergency Aid Scholarships December 20, 1963 to March 20, 1964

	Amount
Ben A Agborbesong	College of Agriculture Forestry and Home Economics
	\$572.00

		Amount
Joseph Berhan	Institute of Technology	215.00
Timon Bondo	College of Agriculture Forestry and Home Economics	512.50
John R Khasenye	College of Liberal Arts	592.00
Teferi Messeret	College of Liberal Arts	572.00
Mario Nzuwah	College of Liberal Arts	592.00
Nurdin A Razak	Institute of Technology	592.00

Kaimba Conde as recipient of a Foreign Student Emergency Aid Scholarship of \$653 January 2 to April 1, 1964 College of Agriculture Forestry and Home Economics

Karen E Nelson and Barbara P Sulier as recipients of General Scholarships (Agralite Corporation) of \$100 each January 6 to March 21, 1964 Morris

Gary V Noehl as recipient of a General Scholarship (Agralite Corporation) of \$50 January 6 to March 21, 1964 Morris

Michael J Larson as recipient of a General Scholarship (Bud's Red Owl) of \$150 January 6 to March 21, 1964 Morris

Steven J Flemming as recipient of a General Scholarship (Citizen's Bank of Morris) of \$100 January 6 to March 21, 1964 Morris

The following as recipients of General Scholarships (Dollars for Scholars) January 6 to March 21, 1964 Morris

	Amount
Eileen C Benson	\$100
Kathleen J Dahl	100
Burnell G Eidem	100
Randall K Halvorson	100
Deloris J Hoff	100
Jaclyn F Johnson	125
Norma E Johnson	100
Diane C Kittleson	100
David M Larson	200
Lynden W Nelson	100
Dennis H Rasmussen	125
Mary J Rebehn	100
Rosemary A Weisel	100

Janet M Hervert as recipient of a General Scholarship (Donnelly Co-operative Creamery) of \$150 January 6 to March 21, 1964 Morris

Arlen L Strehlo as recipient of a General Scholarship (Erickson-Hellekson-Vye) of \$150 January 6 to March 21, 1964 Morris

Mary Samuelson as recipient of a Grant-in-Aid (Fergus Dairy) of \$100 January 6 to March 21, 1964 Morris

Alice M Clarke as recipient of a General Scholarship (First Federal Savings and Loan of Morris) of \$150 January 6 to March 31, 1964 Morris

Frances C Vander Weyst as recipient of a General Scholarship (Golden Cream Dairy Products) of \$100 January 6 to March 21, 1964 Morris

Rosemary Weisel as recipient of a General Scholarship (Gonvick School) of \$50 January 6 to March 21, 1964 Morris

Judith A Jensen and Vernon McClung as recipients of General Scholarships (Hancock Concrete Products Company) of \$100 each January 6 to March 21, 1964 Morris

Pauline I Omland as recipient of a General Scholarship (KCMT-TV) of \$100 January 6 to March 21, 1964 Morris

The following as recipients of General Scholarships (Kiwanis Club) of \$100 each January 6 to March 21, 1964 Morris

Josefa Schaller  
Gene Schaub

Linda Lou Wilson

John T Youngerberg as recipient of a General Scholarship (Kiwanis Club of Morris) of \$200 January 6 to March 21, 1964

Ann Hathaway as recipient of a General Scholarship (Kiwanis Club of Morris) of \$40 January 6 to March 21, 1964

Ronald Larson and Eunice Walter as recipients of General Scholarships (Lions Club of Morris) of \$100 each January 6 to March 21, 1964

Ralph E Nelson Jr and Robert Ophaug as recipients of General Scholarships (Medical Staff of the Stevens County Memorial Hospital) of \$100 each January 6 to March 21, 1964 Morris

Deloy L Kramer as recipient of a General Scholarship (L G Morely) of \$100 January 4 to March 21, 1964 Morris

Judy K Miller as recipient of a General Scholarship (Northrup King Company) of \$100 January 6 to March 21, 1964 Morris

Sharon J Busby and Maureen A McAllister as recipients of General Scholarships (Ottetail Power Company) of \$100 each January 6 to March 21, 1964 Morris

Dean R Rask as recipient of a General Scholarship (Production Credit Association of Morris) of \$100 January 6 to March 21, 1964

Philip R Olson as recipient of a General Scholarship (Runestone Electric Company) of \$300 January 6 to March 21, 1964 Morris

Michael E Thiel as recipient of a General Scholarship (Runestone Electric Company) of \$100 January 6 to March 21, 1964 Morris

Alice T Hennen as recipient of a General Scholarship (Stahler and Giberson) of \$150 January 6 to March 21, 1964 Morris

Ronald A Carlson as recipient of a General Scholarship (Starbuck Creamery) of \$100 January 6 to March 21, 1964 Morris

Ann Hathaway as recipient of a General Scholarship (Stevens County Bankers Association and Various Donors) of \$60 January 6 to March 21, 1964 Morris

Mary V DREWICKE and Mary L Schmitz as recipients of General Scholarships (Traverse Electric) of \$100 each January 6 to March 21, 1964 Morris

John A Schmidt as recipient of a General Scholarship (Tyler Manufacturing Company) of \$100 January 6 to March 21, 1964 Morris

James Drealan as recipient of a General Scholarship (Willie's Red Owl of Morris) of \$100 January 6 to March 21, 1964

L Muthulingam as recipient of a Geology Service Fund Scholarship of \$180 for the winter quarter of 1963-64

Paul Weiblen as recipient of a Geology Service Fund Scholarship of \$160 January 17, 1964

The following as recipients of Graduate School Tuition Scholarships for the fall quarter of 1963-64

Anne-Charlotte Harvey	Speech and Theatre Arts
Margot H P Liberty	Anthropology
Ira G Wong	Psychology

The following as recipients of Graduate School Tuition Scholarships for the winter quarter of 1963-64

Gary T Athelstan	Psychology
Gary R Baker	Botany
Jacob Beutel	School of Chemistry
Robert V Blakely	Sociology
Sandra J Boyd	Library School
Grady E Brooks	History
Natale J Calarco	Speech and Theatre Arts
Martin C Campion	History
Stephen C Dodge	History
Edward Elderman	English



John O Evans	Agronomy and Plant Genetics
Edwin E Felien	Speech and Theatre Arts
William L Felker	Spanish
Millicent M Ferris	Speech and Theatre Arts
Sheila C Goldes	Speech and Theatre Arts
Robert F Hartley	Marketing
Michael L Harvey	Speech and Theatre Arts
Walter J Houk	Industrial Relations
Diane C Kent	German
Kenneth M Krall	Mechanical Engineering
John D McCabe	English
Gary L Rasmussen	Economics
Philip E Sieber	Political Science
John D Steffen	Educational Psychology
James R Tobias	Mechanical Engineering
John A Winnie	Philosophy

Marvin C Meier and David R Whitmer as recipients of Homelite Forestry Scholarships of \$250 each for 1963-64

Robert W Thomas as recipient of an Independent Iron Ore Producer Association of Minnesota Scholarship of \$211.70 January 3 to June 30, 1964 Institute of Technology

David C Ellenberg as recipient of a Dr Walter L Johnson Memorial Scholarship of \$175 January 3 to March 15, 1964 School of Dentistry

Ernest Bade and Theodore Buselmeier as recipients of Lois Campbell Kay Scholarships of \$750 each January 2 to June 30, 1964 College of Medical Sciences

The following as recipients of Elsa Wallin Louis Memorial Scholarships of \$200 each for 1963-64 College of Agriculture Forestry and Home Economics

Pamela A Leino	LaVerne D Peters
Linda J Peery	Judith A J Solberg

Robert M Wattson as recipient of a Horace S Marr Scholarship of \$400 January 3 to June 30, 1964 College of Liberal Arts

Guy A Johnson as recipient of a Mesabi Tire Company Inc Scholarship of \$315 January 8 to June 30, 1964 Institute of Technology

Doris M Klinski as recipient of a Minnesota Alumni (Chicago Club) Scholarship of \$300 January 21 to June 30, 1964 College of Liberal Arts

The following as recipients of Minnesota Recreation Association Scholarships December 15, 1963 to June 30, 1964 College of Education

	Amount
Diana Davis	\$ 85
Bruce P Gustafson	85
Marianne Holtz	85
Dawn R Shearer	105

Franklin T Adams as recipient of Mortuary Science Silver Anniversary Class Scholarship of \$250 December 15, 1963 to June 30, 1964

Norman L Sheldon as recipient of a Northwest Feed Manufacturers Association Scholarship of \$100 for the winter quarter of 1963-64 College of Agriculture Forestry and Home Economics

The following as recipients of Laverne Noyes Scholarships for 1963-64

		Amount
Lowell Engel	School of Dentistry	\$155
Jeffrey Gilkinson	College of Liberal Arts	85
Margaret Latimer	College of Education	105
David Neumann	College of Liberal Arts	85
Shirley A Porazzo	College of Liberal Arts	105

		Amount
Agnes Ripka	College of Liberal Arts	170
Joyce Schmidt	College of Liberal Arts	85
Joyce Schubert	College of Liberal Arts	85
Laura L Wehmeyer	General College	85
Ardis Wood	College of Education	85

Lee A Raitz as recipient of a Dr Harry Oerting Memorial Scholarship of \$250 January 3 to March 15, 1964 College of Medical Sciences

Israel Magrisso as recipient of an Office of the Dean of Students Scholarship of \$90.66 for the winter quarter of 1963-64 Electrical Engineering  
Robert A Arnold as recipient of a J and A O'Neill Scholarship of \$175 January 3, 1964 School of Dentistry

The following as recipients of Clarence A Orendorff Scholarships January 3 to March 15, 1964 College of Medical Sciences

	Amount
Thomas M Clifford	\$250
Carl B Erling	250
Douglas V Jewson	250
Richard E Lund	200

Donald M Nelson as recipient of a Past Presidents Mortuary Science Scholarship of \$250 December 15, 1963 to June 30, 1964

Patrick A Finney as recipient of a George William Patton Memorial Scholarship of \$375 December 15, 1963 to June 30, 1964 College of Liberal Arts

Thomas R Hofstedt as recipient of a Maurice L Rothschild Scholarship of \$222 January 8 to June 30, 1964 School of Business Administration

The following as recipients of Herbert P Sawyer Memorial Scholarships of \$250 each for the winter quarter of 1963-64 College of Medical Sciences

Richard E Carlson	Jerome G Johnson
Robert W Conroy	Charles C Morrison
Francis J Eason	Waldo H Munderovski
Nils R Forsen	Roger A Rabold
Dennis R Jacobson	Ralph Tharp

James A Fischer and Douglas V Jewson as recipients of Herbert P Sawyer Memorial Scholarships of \$250 each January 13 to June 30, 1964 College of Medical Sciences

Kenneth M Anderson as recipient of a Josephine Louise Harper Memorial Scholarship of \$134 January 13 to March 15, 1964 Institute of Technology

Ronald S Kari as recipient of a School of Business Administration Service Fund Scholarship of \$375 January 1 to March 15, 1964

Patricia A Lang as recipient of a Social Service Council Scholarship of \$210 January 2 to June 30, 1964 General College

Dayan Marisae as recipient of a Social Service Council Scholarship of \$290 December 20, 1963 to June 30, 1964 College of Liberal Arts

Gretel H Whitaker as recipient of a United States Public Health Service National Institutes of Health Fellowship of \$1,496 January 1 to June 30, 1964 Anthropology

Roy W Seibel as recipient of a United States Public Health Service Predoctoral Fellowship of \$600 January 15, 1964 Speech and Theatre Arts

Edith W Morean as recipient of a United States Public Health Service Predoctoral Intermediate Year Fellowship of \$2,000 January 2, 1964 to January 1, 1965 Zoology

Joe Johnson Jr and Wilmar L Salo as recipients of United States Public Health Service Health Training Grants of \$513 each January 1 to March 15, 1964 College of Agriculture Forestry and Home Economics

Thomas E Nelson as recipient of a United States Public Health Service Training Grant of \$615 January 1 to March 31, 1964 College of Agriculture Forestry and Home Economics

William P Ahern as recipient of a United States Public Health Service Training Grant of \$1,230 January 1 to June 30, 1964 Biochemistry College of Agriculture Forestry and Home Economics

Mark O J Olson as recipient of a United States Public Health Service Training Grant of \$718 March 16 to June 30, 1964 Biochemistry College of Agriculture Forestry and Home Economics

Bruce M Carlson recipient of a United States Public Health Service Experimental Training Grant to receive a supplement of \$200 July 1, 1963 to June 30, 1964 Anatomy

Terrill C Olsen as recipient of a United States Public Health Service Training for Research in Diabetes Scholarship of \$900 for the winter quarter of 1963-64 Anatomy

Mary R Whitmore recipient of a United States Public Health Service Training Program in Anatomical Sciences to receive a supplement of \$291.62 November 15, 1963 to June 15, 1964 Anatomy

Edgar E Hanna recipient of a United States Public Health Service Research on Host-parasite Factors in Strep Infection to receive a supplement of \$500 February 1 to June 30, 1964 Microbiology

The following as recipients of United States Public Health Service Otolaryngology Training Grants January 1 to June 30, 1964

	Amount
John D Banovetz	\$1,200
Richard B Carley	600
John V Dickson	600
David A Murphy	3,100

Theodore E Gram as recipient of a United States Public Health Service National Institutes of Health Scholarship of \$1,625 February 1 to June 30, 1964 Pharmacology

Jon E Lewis recipient of a United States Public Health Service National Institutes of Health Training Grant to receive a supplement of \$1,950 January 1 to June 30, 1964 Pharmacology

George R Bloom as recipient of a United States Public Health Service Training and Recruitment Grant of \$3,400 January 1 to December 31, 1964 Physiology

John W Balkins as recipient of a United States Public Health Service Epidemiology Scholarship of \$225 January 2 to March 31, 1964 School of Public Health

Richard M Biery recipient of a United States Public Health Service Epidemiology Scholarship to receive a supplement of \$24 December 12, 1963 to January 3, 1964 School of Public Health

Trenton Cooper recipient of a United States Public Health Service Scholarship to receive a supplement of \$429 September 23, 1963 to September 25, 1964 School of Public Health

Adele G Dingfelder recipient of a United States Public Health Service National Institutes of Health Training Grant for the Development of Biostatistical Aids for Medical Research Programs from \$1,350 to \$750 December 1, 1963 to May 31, 1964

Harold J Fletcher as recipient of a United States Public Health Service Epidemiology Scholarship of \$225 January 2 to March 31, 1964 School of Public Health

Mark A Mathison as recipient of a United States Public Health Service Epidemiology Scholarship of \$225 January 2 to March 31, 1964 School of Public Health

Inez Nelson as recipient of a United States Public Health Service Nursing Scholarship of \$1,293.38 January 6 to July 18, 1964 School of Public Health

Charles B Schneider as recipient of a United States Public Health Service Scholarship of \$2,119.97 January 6 to June 13, 1964 School of Public Health

Gaylord M Twite as recipient of a United States Public Health Service Scholarship of \$4,941.28 January 6, 1964 to March 20, 1965 School of Public Health

Bart S Cuderman as recipient of a United States Public Health Service Research on Abdominal Aortography Fellowship of \$300 January 1-31, 1964 Surgery

Roland R Larter as recipient of a United States Public Health Service Research on Therapy of Coronary Disease Fellowship of \$200 January 2-23, 1964 Surgery

Wallace P Ritchie, Jr as recipient of a United States Public Health Service Cancer Training Grant of \$300 January 1 to June 30, 1964 Surgery

Audrey M Engelstad and Carol J Willits as recipients of United States Public Health Service Professional Nurses Advanced Training Grants of \$1,875 January 6 to August 22, 1964 School of Nursing

The following as recipients of United States Public Health Service Professional Nurses Advanced Training Grants of \$1,050 each January 6 to June 13, 1964 School of Nursing

Donna M Bening  
Marianna L McCrea

Margie L Olson

John J Raich as recipient of a United States Public Health Service Pathology Training Grant of \$7,500 January 1 to December 31, 1964 Laboratory Medicine

Charles B Lundquist as recipient of a United States Public Health Service Training in Clinical Cardiology Fellowship of \$7,500 January 1 to June 30, 1964 Radiology

The following as recipients of United States Public Health Service Neurology Training Grants January 1 to June 30, 1964 Psychiatry and Neurology

	Amount
John M McKelvey	\$6,500.00
Robert R Pierce	5,250.00
Lawrence J Schut	1,175.02

Ruth B Loewenson as recipient of a United States Public Health Service Predoctoral Fellowship of \$3,200 January 16, 1964 to January 15, 1965 Biostatistics School of Public Health

Robert F Hammer as recipient of a United States Public Health Service Training Grant in Anatomy of \$3,250 January 1 to June 30, 1963 Veterinary Anatomy

Richard R Bevis as recipient of a United States Public Health Service Clinical Research Training Grant of \$1,100 January 1 to June 30, 1964 School of Dentistry

Alfred M Fenstad as recipient of a United States Public Health Service Clinical Research Training Grant of \$1,100 January 1 to June 30, 1964 School of Dentistry

William F Liljemark as recipient of a United States Public Health Service Clinical Research Training Grant of \$1,100 January 1 to June 30, 1964 School of Dentistry

Anne M Peterson as recipient of a United States Public Health Service Research Training Grant of \$2,600 January 1 to December 31, 1964 Graduate School

Rand B Foster as recipient of a University Bookstores Scholarship of \$130 January 8 to March 15, 1964 College of Liberal Arts

Carolyn Becker as recipient of a University Bookstores Scholarship of \$170 for the winter and spring quarters of 1963-64 College of Liberal Arts

Sara J Murphy as recipient of a University Bookstores Scholarship of \$200 for the winter and spring quarters of 1963-64 College of Liberal Arts

Frederick J Merry as recipient of a University Bookstores Scholarship of \$85 for the winter quarter of 1963-64 Mathematics Institute of Technology

Israel Magrisso as recipient of a University Bookstores Scholarship of \$150 March 20 to June 30, 1964 Electrical Engineering

Diane E Pederson as recipient of a University Bookstores Scholarship of \$210 January 2 to June 30, 1964 College of Liberal Arts

Robert Hughes as recipient of a University of Minnesota Duluth Bookstore Scholarship of \$85 January 6 to March 21, 1964

James R Carlson as recipient of a University of Minnesota Intercollegiate Athletic Grant-in-Aid of \$260 January 6 to June 15, 1964 College of Liberal Arts

Ronald W Eklund as recipient of a University of Minnesota Intercollegiate Athletic Grant-in-Aid of \$260 January 6 to June 15, 1964 General College

David J Lamusga as recipient of a University of Minnesota Medical Scholarship of \$250 June 15 to August 15, 1964

Maurine S Geick as recipient of a Vocational Rehabilitation Administration Grant-in-Aid of \$1,800 January 1 to August 31, 1964 Audiology

Norman L Stephenson as recipient of a Vocational Rehabilitation Administration Traineeship of \$1,200 January 6 to June 15, 1964 Psychology

Janet H Surbrook as recipient of a Vocational Rehabilitation Administration Grant-in-Aid of \$1,800 January 1 to August 31, 1964 Speech Pathology

The following as recipients of Vocational Rehabilitation Administration Traineeships in Physical Therapy June 11, 1963 to June 10, 1964

	Amount
Henrietta C Bleeker	\$1,045.00
Kathryn I Ellis	645.00
Dolores A Holdgrafer	506.00
Ann M Johnson	522.50
Norman G Larsen	506.00
Marlys L Madunich	506.00
Dianne A Nelson	506.00

The following as recipients of WLOL Broadcasting Scholarships January 16 to June 30, 1964 College of Liberal Arts

	Amount
Richey D Adams	\$100
Russell H Colber	250
Neal M Gendler	350

Neil I Arnold as recipient of a Women's Auxiliary to Ramsey County Medical Society Scholarship of \$200 January 8 to March 15, 1964 College of Medical Sciences

#### Special Appointments

Juanita J Fehlhafer as Assistant Agricultural Extension Specialist 4-H Agricultural Extension Service beginning November 1, 1963 at \$484 per month (husband Leo R Fehlhafer Assistant Agricultural Extension Specialist Information Agricultural Extension Service Term AT)

Thomas B Jones as Undergraduate Teaching Assistant History January 1 to June 15, 1964 at \$1.65 per hour (father Tom B Jones Professor History Term B)

### Promotions and Transfers

John G Turnbull from Professor and Chairman Economics at \$15,000 Term B to Associate Dean Social Sciences and Professor and Chairman Economics at the rate of \$19,000 Term A beginning March 1, 1964

Warren S Loud from Professor and Chairman Mathematics College of Liberal Arts at \$15,000 Term B to Professor and Associate Chairman School of Mathematics Institute of Technology without change in salary rate or term beginning January 1, 1964

Leon W Green from Professor and Chairman School of Mathematics Department of Mathematics Institute of Technology at \$15,000 Term B to Professor and Associate Chairman School of Mathematics Institute of Technology without change in salary rate or term beginning January 1, 1964

James B Serrin, Jr from Professor Mathematics Institute of Technology at \$19,000 Term B to Professor and Head School of Mathematics Institute of Technology at the rate of \$21,500 Term B beginning January 1, 1964

Neal R Amundson from Professor and Head University Division of Mathematics and Professor and Head School of Mathematics Institute of Technology and Professor and Head Chemical Engineering at \$20,700 Term B to Professor and Head Chemical Engineering without change in salary rate or term beginning January 1, 1964

Leon Singer from Lecturer Biochemistry College of Medical Sciences without salary and Professor School of Dentistry at \$15,600 Term A to Professor Biochemistry College of Medical Sciences without salary and Professor School of Dentistry without change in salary rate or term beginning December 1, 1963

Donald Z Woods Professor and Associate Dean General Extension at \$15,250 Term A to serve in addition as Professor Speech and Theatre Arts without change in salary rate or term beginning January 16, 1964

Roland H Abraham Professor and Associate Director Agricultural Extension Service at \$17,200 Term A to continue to serve as Professor and Acting Director at the rate of \$19,000 Term A January 1 to June 30, 1964

Victor E Anderson from Associate Professor and Assistant Director Dight Institute Graduate School Research Grants at \$14,092 Term A to Associate Professor Zoology and Assistant Director Dight Institute without change in salary rate or term beginning December 16, 1963

Bernard W Lindgren from Associate Professor School of Mathematics Institute of Technology and Chairman and Associate Professor Statistics College of Liberal Arts at \$10,000 Term B to Chairman and Associate Professor Statistics without change in salary rate or term beginning December 16, 1963

George F Hadley from Visiting Professor Economics Research Funds at \$19,135 Term BT to Associate Professor without change in salary rate or term December 11, 1963 to June 15, 1964

Franklin D Enfeld Assistant Professor Animal Husbandry Research Funds at \$8,760 Term AT to serve as Assistant Professor Animal Husbandry at the rate of \$9,466 Term AT January 1 to June 30, 1964

Ralph C Williams, Jr from Assistant Professor Medicine Research Funds at \$7,000 Term CT (\$14,000 A rate) July 1 to December 31, 1963 to Assistant Professor Medicine and Research Funds at the rate of \$14,000 Term AT January 1 to June 30, 1964

Clara Kanun Assistant Professor Summer Session at \$4,479 Term AH50 (\$8,958 A rate) to continue to serve in addition as Assistant Professor Interdisciplinary Programs at \$1,140 Term CHX50 (\$6,837 B rate) for the spring quarter of 1963-64

Martin W Duffy from Lecturer Industrial Relations Center at \$11,000 Term A to Assistant Professor Industrial Relations Center and Labor Education without change in salary rate or term January 1, 1964 to June 30, 1966

Joseph S Smolen from Lecturer Industrial Relations Center at \$10,200 Term A to Assistant Professor Industrial Relations Center and Labor Education without change in salary rate or term January 1, 1964 to June 30, 1966

Marian D Hall from Instructor and Assistant Director School Psychology Training at \$8,000 Term BT to Assistant Professor and Assistant Director without change in salary rate or term January 1 to June 15, 1964

Clark W Strausser Teaching Assistant Economics at \$1,089 Term BHX25 to serve as Instructor at \$389 Term CHX25 (\$4,662 B rate) for the winter quarter of 1963-64

David B Sanford from Teaching Assistant German at \$2,178 Term BH50 to Instructor at the rate of \$3,500 Term BHX70 December 16, 1963 to March 15, 1964 and at the rate of \$2,500 Term BHX50 March 16 to June 15, 1964 (\$5,000 B rate)

Don E Norton, Jr Instructor Interdisciplinary Programs and Office of the Dean of Students Student Counseling Bureau at \$2,626 Term BH56 (\$4,662 B rate) to serve in addition as Instructor General College at \$778 (\$4,662 B rate) for 25% time December 16, 1963 to June 15, 1964

Robert E O'Neill from Instructor Evening and Special Classes and Interdisciplinary Programs at \$1,554 Term CX (\$4,662 B rate) for the winter quarter of 1963-64 to Instructor Interdisciplinary Programs at \$777 Term CHX50 (\$4,662 B rate) for the spring quarter of 1963-64

Susan O White from Teaching Assistant Interdisciplinary Programs at \$484 Term CHX33 for the winter quarter of 1963-64 to Instructor at \$777 Term CHX50 (\$4,662 B rate) for the spring quarter of 1963-64

Kesavarao Yalamanchili from Teaching Assistant Civil Engineering at \$2,178 Term BH50 to Instructor at the rate of \$2,331 Term BHT50 (\$4,662 B rate) December 16, 1963 to June 15, 1964

Wolodymyr Minkowycz Instructor Mechanical Engineering at \$2,500 Term BH50 to continue to serve in addition as Instructor Civil Engineering Research Funds at \$417 Term CHT50 for the winter quarter of 1963-64

Igal Amiri from Engineering Assistant Agricultural Engineering at \$3,145 Term CTX (\$4,440 A rate) July 1, 1963 to March 15, 1964 to Instructor at \$1,554 Term CTX (\$6,216 A rate) December 16, 1963 to March 15, 1964 and to continue to serve as Engineering Assistant at \$1,295 Term CTX (\$4,440 A rate) March 16 to June 30, 1964

Graham Beaumont from Instructor Medicine Research Funds at \$10,000 Term AT to Instructor Medicine and Research Funds without change in salary rate or term January 15 to June 30, 1964

Frank S Preston from Instructor Medicine without salary to Clinical Instructor without salary January 1 to June 30, 1964

Daniel E Weiner Research Fellow Physiology with salary paid directly by the United States Public Health Service to serve as Instructor Physiology at \$466 Term CHT15 (\$6,216 A rate) January 1 to June 30, 1964

Judson A Harmon Teaching Assistant General Education and Clinical Fellow Office of the Dean of Students at \$2,178 Term BH50 to serve as Instructor General Education at \$963 Term CH62 (\$4,662 B rate) for the winter quarter of 1963-64 and as Teaching Assistant Office of the Dean of Students at \$363 Term CH25 for the winter quarter of 1963-64

Victor B Coffman Teaching Assistant Elementary Education at \$2,178 Term BH50 to serve as Instructor at \$1,026 Term CH66 (\$4,662 B rate) for the winter quarter of 1963-64

Elvira L Wright from Instructor University High School and Student Teaching at \$5,320 Term C (\$6,720 A rate) September 1, 1963 to June 15,

1964 to Instructor Student Teaching at \$2,800 Term C (\$6,720 A rate) January 16 to June 15, 1964

Peter Thormann from Research Assistant Economics at \$1,452 Term BH33 and Instructor Industrial Relations at \$389 Term CH25 (\$4,662 B rate) for the winter quarter of 1963-64 to Instructor Industrial Relations at \$260 Term CH25 (\$4,662 B rate) January 16 to March 15, 1964

Charles Whitman Instructor General College at \$2,331 Term BH50 (\$4,662 B rate) to continue to serve in addition as Instructor Speech and Theatre Arts at \$389 (\$4,662 B rate) for 25% time for the spring quarter of 1963-64

Frances A Simonsen from Librarian Library at \$6,072 Term A to Instructor and Librarian at the rate of \$6,500 Term A January 23 to June 30, 1964

Barbara S Teeter Instructor Institute of Child Development at \$3,000 Term BHT50 (\$6,000 B rate) to serve in addition as Research Fellow Psycho-Educational Clinic at the rate of \$2,331 Term BHT50 (\$4,662 B rate) January 1 to June 15, 1964

C Bruce Johnson Research Fellow Electrical Engineering Research Funds at \$4,662 Term BT to serve as Instructor Electrical Engineering for 50% of time without change in salary rate or term January 16 to June 15, 1964

Mostafa Mosharafa Research Fellow Electrical Engineering Research Funds at \$3,497 Term BHT75 (\$4,662 B rate) to serve in addition as Instructor Electrical Engineering at the rate of \$1,166 Term BH125 (\$4,662 B rate) December 16, 1963 to June 15, 1964

James K Winfrey from Instructor General College at \$2,331 Term CH75 (\$4,662 B rate) September 16, 1963 to March 15, 1964 and Instructor General Education at \$1,250 Term CHT25 (\$7,500 B rate) September 16, 1963 to March 15, 1964 to Instructor United States Office of Education Counseling Institute at \$2,500 Term CT (\$7,500 B rate) March 16 to June 15, 1964

John M Braasch Instructor School of Business Administration Research Funds at \$2,331 Term BHT50 (\$4,662 B rate) to serve as Instructor Quantitative Analysis at \$389 Term CH25 (\$4,662 B rate) and Instructor School of Business Administration Research Funds at \$622 Term CHT40 (\$4,662 B rate) for the winter quarter of 1963-64

Mishrilal Jain Instructor Botany at \$5,361 Term CT (\$5,500 B rate) September 23, 1963 to June 15, 1964 to serve as Research Fellow Botany Research Funds for 50% of time at \$1,333 (\$6,000 B rate) January 16 to June 15, 1964

Robert H Peterson Research Fellow Seed Distribution Fund at \$6,800 Term AT to continue to serve as Research Fellow Agronomy and Plant Genetics at \$1,700 Term CT (\$6,800 A rate) January 1 to March 31, 1964

William Merrill, Jr Instructor Plant Pathology and Physiology at \$3,108 Term AH50 (\$6,216 A rate) and Instructor Plant Pathology and Physiology Research Funds at \$1,554 Term CHT50 (\$6,216 A rate) July 1 to December 31, 1963 to serve in addition as Research Fellow Plant Pathology and Physiology Research Funds at \$518 Term CHT50 (\$6,216 A rate) January 1 to February 29, 1964

Edward J Cushing Research Fellow Minnesota Geological Survey at \$4,500 Term AH50 (\$9,000 A rate) to continue to serve in addition as Research Fellow Geology and Geophysics at \$1,313 Term CH50 (\$9,000 A rate) March 16 to June 15, 1964

Dong H Chyung from Teaching Assistant Electrical Engineering at \$2,178 Term BHT50 to Research Fellow Electrical Engineering Research Funds at the rate of \$2,331 Term BHT50 (\$4,662 B rate) January 1 to June 15, 1964 (subject to availability of funds)

Peter R Herczfeld from Research Assistant Electrical Engineering Research Funds at \$2,178 Term BHT50 to Research Fellow at the rate of



\$2,331 Term BHT50 (\$4,662 B rate) January 1 to June 15, 1964 (subject to availability of funds)

Rodney J Soukup from Research Assistant Electrical Engineering Research Funds at \$2,178 Term BHT50 to Research Fellow at the rate of \$3,497 Term BHT75 (\$4,662 B rate) January 16 to June 15, 1964 (subject to availability of funds)

Derek J Sturges Research Fellow Electrical Engineering Research Funds at \$3,497 Term BHT75 (\$4,662 B rate) to serve as Instructor Electrical Engineering for 25% of time without change in salary rate or term January 16 to June 15, 1964

Anne B Hansen from Traverse County Assistant County Home Agent Instructor Agricultural Extension Service at \$4,800 (\$4,500 University \$300 County) Term AHT94 to Traverse County Home Agent Instructor without change in salary rate Term AH94 December 6, 1963 to June 30, 1964

John C Loken from Sibley County Associate County Agricultural Agent Instructor Agricultural Extension Service at \$6,600 (\$5,250 University \$1,350 County) Term AH80 to Grant County Agricultural Agent Instructor at the rate of \$7,200 (\$5,265 University \$1,935 County) Term AH73 February 1 to June 30, 1964

Elmo L Skare from West Otter Tail County Soil Conservation Agent Instructor Agricultural Extension Service at \$6,980 Term A to Red Lake County Agricultural Agent Instructor at \$245 Term C (\$7,300 A rate) January 20-31, 1964 and at the rate of \$7,300 (\$5,500 University \$1,700 County) Term AH77 February 1 to June 30, 1964

Susan J Baker Teaching Assistant English at \$484 Term CHX33 for the winter quarter of 1963-64 to serve in addition as Teaching Assistant Classics at \$726 Term CHX25 for the winter and spring quarters of 1963-64

Krishna M Lal Saxena from Research Assistant Statistics Research Funds at \$2,178 Term BHT50 to Teaching Assistant Economics without change in salary rate or term January 16 to June 15, 1964

Shanker Shetty Teaching Assistant Interdisciplinary Programs at \$741 Term BH17 to continue to serve in addition as Teaching Assistant Economics at \$363 Term CHX25 for the winter quarter of 1963-64

Ghulam Mohammed Instructor Scandinavian at \$1,554 Term BHX33 (\$4,662 B rate) to serve in addition as Teaching Assistant Interdisciplinary programs at the rate of \$2,178 Term BHX50 December 16, 1963 to June 15, 1964

Young T Shen from Research Assistant St Anthony Falls Hydraulic Laboratory at \$2,178 Term BHT50 to Teaching Assistant Civil Engineering and Hydraulics without change in salary rate or term December 16, 1963 to June 15, 1964

George W Woodbury from Research Assistant School of Chemistry Research Funds at \$1,452 Term CHT50 for the fall and winter quarters of 1963-64 to Teaching Assistant School of Chemistry at \$726 Term CH50 for the winter quarter of 1963-64

Philip Schladweiler from Research Assistant Entomology Fisheries and Wildlife Research Funds at \$2,904 Term AHT50 to Teaching Assistant Entomology Fisheries and Wildlife at the rate of \$2,178 Term BH50 January 1 to June 15, 1964

Karen G Lamb Instructor Student Teaching College of Education at \$2,331 Term BH50 (\$4,662 B rate) to serve in addition as Teaching Assistant Elementary Education at the rate of \$1,089 Term BH25 December 16, 1963 to June 15, 1964

Gerald F Schnepf Research Assistant School of Physical Education at \$1,089 Term BHT25 and Teaching Assistant School of Forestry Research Funds at \$363 Term CHT25 October 1 to December 31, 1963 to serve as Teaching Assistant School of Forestry at \$363 Term CHT25 January 1 to March 31, 1964

Roy W Seibel Teaching Assistant Project English at \$1,089 Term BHTX25 to serve as Teaching Assistant School of Public Health Research Funds at \$175 Term CHTX12 for the winter quarter of 1963-64

James L Mack Instructor Psychology at \$2,331 Term BH50 to continue to serve in addition as Research Assistant Surgery Research Funds at \$726 Term CHT50 February 1 to April 30, 1964

Iraj C Jahanbagloo Teaching Assistant Geology and Geophysics at \$1,089 Term BH25 to continue to serve in addition as Research Assistant Geology and Geophysics Research Funds at \$666 Term CH25 January 1 to June 15, 1964

Harold W Linder Teaching Assistant Geology and Geophysics at \$1,089 Term BH25 to serve in addition as Research Assistant Geology and Geophysics Research Funds at \$363 Term CH25 for the winter quarter of 1963-64

John E Cross Research Assistant Agronomy and Plant Genetics Research Funds from \$2,904 Term AHT50 to Research Assistant Agronomy and Plant Genetics without change in salary rate or term January 1 to June 30, 1964

Henry S Liers from Teaching Assistant School of Physics at \$2,178 Term BH50 to Research Assistant School of Physics Research Funds at the rate of \$2,396 Term BHT55 January 1 to June 15, 1964

Nanjappa Lingappa from Teaching Assistant School of Physics at \$2,178 Term BH50 to Research Assistant School of Physics Research Funds at the rate of \$2,396 Term BHT55 January 1 to June 15, 1964

Arimilli A Padmanabham from Teaching Assistant School of Physics at \$2,178 Term BH50 to Research Assistant School of Physics Research Funds at the rate of \$2,396 Term BHT55 January 1 to June 15, 1964

Su Shu Pan from Research Assistant Soils Research Funds at \$1,452 Term CHT50 July 1 to December 31, 1963 to Research Assistant Microbiology Research Funds at \$1,452 Term CHT50 January 1 to June 30, 1964

Lyle F Norton from Research Assistant Biochemistry College of Medical Sciences Research Funds at \$501 Term CHT35 October 1 to December 31, 1963 to Research Assistant Medicine Research Funds at \$1,650 Term CHT62 January 1 to June 15, 1964

Robert W ten Bensel from Medical Fellow Pediatrics Ancker Hospital Fellowships at \$3,150 plus tuition and fees Term AT to Medical Fellow Specialist Pediatrics and Research Funds at \$2,750 plus tuition and fees Term CT (\$5,500 plus tuition and fees A rate) January 1 to June 30, 1964

Charles B Lundquist from Medical Fellow Radiology with salary paid directly by the Veterans Administration Hospital to Medical Fellow Specialist with salary paid directly by the United States Public Health Service January 1 to June 30, 1964

Lee A Simso from Medical Fellow Specialist Surgery Hennepin County General Hospital at \$2,778 plus tuition and fees Term CT (\$5,556 plus tuition and fees A rate) July 1 to December 31, 1963 to Medical Fellow with salary paid directly by the Hennepin County General Hospital January 1 to June 30, 1964

Joseph C Belshe from Medical Fellow Anesthesiology Research Funds at \$525 plus tuition and fees Term CT November 1 to December 31, 1963 to Medical Fellow Ancker Hospital Fellowships at \$1,575 plus tuition and fees Term CT January 1 to June 30, 1964

Joseph A Dupont from Medical Fellow Anesthesiology with salary paid directly by the Veterans Administration Hospital to Medical Fellow University of Minnesota Hospitals at the rate of \$3,150 plus tuition and fees Term A November 18, 1963 to June 30, 1964

Rosalind Moses from Medical Fellow Anesthesiology Ancker Hospital Fellowships at \$3,150 plus tuition and fees Term AT to Medical Fellow University of Minnesota Hospitals without change in salary rate Term A January 1 to June 30, 1964

Paul W Larson Director of St Paul Student Center Student Unions at \$8,664 Term A to serve as Acting Director of Student Unions at the rate of \$9,372 Term AT November 13, 1963 to June 30, 1964

Helen O Gasper Clerk-Typist Business Office at \$2,880 Term A for 1962-63 and at \$3,000 Term A for 1963-64 to serve as Senior Clerk-Typist at the rate of \$3,372 Term AT June 16-30, 1963 and at the rate of \$3,504 Term AT July 1 to October 31, 1963

Carole A Johnson Senior Clerk-Typist Business Office at \$3,372 Term A for 1962-63 and at \$3,504 Term A for 1963-64 to serve as Senior Account Clerk at the rate of \$4,104 Term AT June 16-30, 1963 and at the rate of \$4,272 Term AT July 1 to October 31, 1963

Arnold O Otterness from Business Manager Photographic Laboratory at \$5,616 Term A to Property Inventory Clerk Business Office at the rate of \$4,800 Term A December 9, 1963 to June 30, 1964

Mary Ann Schrupp from Key Punch Operator Business Office at \$3,240 Term A to Clerk at the rate of \$2,772 Term A December 5, 1963 to June 30, 1964

Myrna L Van Vorst from Clerk-Typist Business Office at \$2,880 Term A to Key Punch Operator at the rate of \$3,240 Term A December 30, 1963 to June 30, 1964

Sharon A Zachman from Clerk Business Office at \$2,772 Term A to Senior Clerk at the rate of \$3,372 Term A January 1 to June 30, 1964

E Thomas Dowd from Personnel Assistant Office of Civil Service Personnel at \$5,400 Term A to Personnel Services Representative Trainee at the rate of \$5,616 Term A January 1 to June 30, 1964

William Bunting from Storehouse Stock Clerk Chemical Storehouse at \$4,992 Term A to Principal Stores Clerk at the rate of \$5,196 Term A December 9, 1963 to June 30, 1964

Daniel P Benda from Senior Securities Analyst Investment Counsel at \$8,004 Term A to Assistant Investment Counsel at \$8,328 Term A for 1963-64

Karen A Rautio from Key Punch Operator Trainee Office of the Dean of Students Student Counseling Bureau at \$3,000 Term A to Key Punch Operator at the rate of \$3,240 Term A January 1 to June 30, 1964

June B Stein from Student Personnel Worker Office of the Dean of Students Student Counseling Bureau at \$7,104 Term A to Senior Student Personnel Worker at \$7,392 Term A for 1963-64

Deanne C Wykoff from Secretary Trainee Office of the Dean of Students Disciplinary Counseling Office at \$3,504 Term A to Secretary at the rate of \$3,648 Term A January 1 to June 30, 1964

Jean B Ford from Clerk-Typist Department of University Relations at \$2,880 Term A to Senior Clerk-Typist at the rate of \$3,504 Term A January 6 to June 30, 1964

Ethel A Fairchild from Secretary Bookstore Duluth at \$4,440 Term A to Senior Secretary News Service Duluth at the rate of \$4,620 Term A December 30, 1963 to June 30, 1964

Flavia E Goergen from Principal Clerk Administration College of Liberal Arts at \$4,620 Term A to Senior Clerk-Typist without change in salary rate or term January 1 to June 30, 1964

Grace E Bedbury Secretary Seed Distribution Fund at \$4,440 Term A to continue to serve as Principal Secretary Agronomy and Plant Genetics at the rate of \$4,620 Term AT January 1 to February 15, 1964

Bonita R Jones from Laboratory Attendant Pathology at \$2,772 Term AT to Laboratory Technician at the rate of \$3,240 Term AT January 1 to June 30, 1964

Fern Y Bates from Junior Scientist Veterinary Pathology and Parasitology Research Funds at \$3,414 Term CT (\$6,828 A rate) January 1 to June 30, 1964 to Junior Scientist Veterinary Diagnostic Laboratories without change in salary rate or term January 1 to June 30, 1964

Virginia L Anderson from Senior Clerk-Typist Summer Session at \$3,648 Term A to Principal Clerk at the rate of \$4,272 Term A December 1, 1963 to June 30, 1964

Gladys E Johnson from Senior Clerk-Typist Summer Session at \$3,504 Term A to Senior Account Clerk at the rate of \$4,272 Term A December 1, 1963 to June 30, 1964

Carol L Peterson from Senior Clerk-Typist Accounting at \$3,504 Term A to Secretary at the rate of \$3,648 Term A January 1 to June 30, 1964

Joan E Aldrich from Junior Scientist Laboratory Medicine Research Funds at \$6,072 Term AT to Senior Medical Technologist University of Minnesota Hospitals at the rate of \$6,312 Term AT January 1 to June 30, 1964

Elizabeth R Anderson from Telephone Operator University of Minnesota Hospitals at \$3,240 Term A to Night Telephone Operator at the rate of \$3,372 Term A December 22, 1963 to June 30, 1964

Ardis M Brown from Junior Scientist Anesthesiology Research Funds at \$2,735 Term CT (\$6,564 A rate) July 1 to November 30, 1963 to Junior Scientist University of Minnesota Hospitals at the rate of \$6,564 Term AT December 1, 1963 to June 30, 1964

Judith L Calkins from Clerk-Typist Professional Colleges Bookstore at \$2,880 Term A to Clerk-Typist University of Minnesota Hospitals without change in salary rate or term December 9, 1963 to June 30, 1964

Eunice I Daniels from Hospital Aide University of Minnesota Hospitals at \$3,240 Term A to Telephone Operator at the rate of \$3,372 Term A January 13 to June 30, 1964

Patricia D Hardy from General Staff Nurse University of Minnesota Hospitals at \$4,992 Term A to Head Hospital Nurse at the rate of \$5,616 Term A January 6 to June 30, 1964

Gayle L Herheim General Staff Nurse University of Minnesota Hospitals at \$4,800 Term A to serve as Head Hospital Nurse at the rate of \$5,616 Term AT January 1 to February 6, 1964

Audrey N Lovelien from General Staff Nurse University of Minnesota Hospitals at \$4,992 Term A to Assistant Head Hospital Nurse at the rate of \$5,196 Term A December 16, 1963 to June 30, 1964

Gladys M Madsen Assistant Cook University of Minnesota Hospitals at \$3,000 Term A to serve as Cook at the rate of \$3,792 Term AT December 16, 1963 to January 31, 1964

Minerva F Norell from Assistant Head Hospital Nurse University of Minnesota Hospitals at \$5,844 Term A to General Staff Nurse at the rate of \$5,400 Term A December 30, 1963 to June 30, 1964

Asa Patrick Hospital Orderly University of Minnesota Hospitals at \$3,504 from Term AT to Term AX January 1 to June 30, 1964

Janice E Rentfrow from General Staff Nurse University of Minnesota Hospitals at \$4,800 Term A to Head Hospital Nurse at the rate of \$5,616 Term A December 23, 1963 to June 30, 1964

Lorna Tittl Assistant Head Hospital Nurse University of Minnesota Hospitals at \$5,400 Term A to serve as Head Hospital Nurse at the rate of \$5,616 Term AT January 1 to February 17, 1964

Udine C Drews from Secretary Evening and Special Classes at \$3,648 Term A to Principal Clerk at the rate of \$4,272 Term A November 1, 1963 to June 30, 1964

Sandra J Antonsen from Clerk-Typist Correspondence Study Instruction at \$2,880 Term A to Senior Clerk-Typist at the rate of \$3,504 Term A December 1, 1963 to June 30, 1964

Lenore T Johnson from Senior Clerk-Typist Center for Continuation Study at \$3,504 Term A to Secretary at the rate of \$3,648 Term A December 3, 1963 to June 30, 1964

Albreta N Murray from Senior Clerk-Typist Agricultural Extension Service at \$3,504 Term A to Senior Secretary at the rate of \$3,948 Term A November 16, 1963 to June 30, 1964

Romula T Peake from Clerk-Typist School of Business Administration at \$2,880 Term A to Senior Clerk-Typist Agricultural Extension Service at the rate of \$3,504 Term A January 15 to June 30, 1964

Norma Hagen from Clerk Office of the Dean of Students Student Counseling Bureau at \$2,772 Term A to Senior Clerk Library at the rate of \$3,372 Term A January 6 to June 30, 1964

Evelyn S Gish from Senior Clerk Library St Paul at \$3,792 Term A to Library Assistant at the rate of \$4,272 Term A February 1 to June 30, 1964

Marion L Reinke from Clerk University of Minnesota Hospitals at \$2,772 Term A to Senior Clerk Library St Paul at the rate of \$3,372 Term A February 1 to June 30, 1964

Patricia M Jackson from Key Punch Operator Agricultural Experiment Station at \$3,240 Term AT to Senior Key Punch Operator at the rate of \$3,504 Term AT January 1 to June 30, 1964

Lauren C E Stenroos from Research Assistant Biochemistry Institute of Agriculture Research Funds at \$847 Term CHT50 September 16 to December 31, 1963 to Assistant Scientist at the rate of \$6,564 Term AT January 1 to June 30, 1964

Frank L Murphy from Window Washer Plant Services at \$3,948 Term A to Building Caretaker at the rate of \$3,792 Term A January 16 to June 30, 1964

Ole A Wendfeldt from Patrolman Plant Services Duluth at \$6,072 Term A to Sergeant of Police at the rate of \$6,312 Term A December 1, 1963 to June 30, 1964

Ruby L Carley from Senior Stores Clerk Centennial Hall at \$4,272 Term A to Senior Food Services Supervisor Pioneer Hall at the rate of \$3,330 Term B January 1 to June 15, 1964

Bertha N Eide Salad Maker Shevlin Hall Food Service at \$3,000 Term A to serve as Custodial Worker Comstock Hall at \$153 Term CT (\$2,880 A rate) December 16, 1963 to January 4, 1964

Jo Ellen Ketcham from Clerk Bailey Hall and Food Services St Paul at \$2,772 Term A to Clerk-Typist at the rate of \$2,880 Term A December 1, 1963 to February 18, 1964 (terminated)

Carolyn M Anderson from Clerk-Typist University Health Service at \$2,880 Term A to Senior Clerk-Typist at the rate of \$3,504 Term A January 13 to June 30, 1964

LoAnn Ruckheim from Laboratory Technician University Health Service at \$3,240 Term A to Senior Laboratory Technician at the rate of \$4,104 Term A December 1, 1963 to June 30, 1964

Inga Platou from Artist Medical Art and Photography at \$5,844 Term A to Junior Medical Illustrator at the rate of \$6,072 Term AT January 1 to June 30, 1964

Julie Ann Quern from Clerk-Typist University of Minnesota Press at \$2,880 Term A to Senior Clerk-Typist at the rate of \$3,504 Term A December 16, 1963 to June 30, 1964

Aija Vitols from Senior Clerk-Typist Laboratory Medicine at \$3,648 Term A to Secretary at the rate of \$3,792 Term A December 23, 1963 to June 30, 1964

Jack N Mackey from Utility Man Plant Services at \$3,948 Term A to General Mechanic at the rate of \$4,620 Term A December 16, 1963 to June 30, 1964

Walter L Melnik from Principal Engineer Aero Hypersonic Laboratory and Lecturer Aeronautics and Engineering Mechanics at \$10,536 Term AT to Principal Engineer Aero Hypersonic Laboratory at \$599 Term CT (\$10,536 A rate) December 16, 1963 to January 3, 1964 (terminated)

Irene K Jones from Account Clerk St Anthony Falls Hydraulic Laboratory Research Funds at \$3,648 Term AT to Principal Clerk at the rate of \$4,272 Term AT December 1, 1963 to June 30, 1964

Swande H Kela from Electronics Mechanic School of Physics Research Funds at \$6,312 Term AT to Senior Electronics Mechanic at the rate of \$6,564 Term AT October 1, 1963 to June 30, 1964

Joseph A LeClair from Electronics Mechanic School of Physics Research Funds at \$6,564 Term AT to Senior Electronics Mechanic at the rate of \$6,828 Term AT October 1, 1963 to June 30, 1964

Gary L Olson from General Mechanic School of Physics Research Funds at \$4,620 Term AT to Senior Laboratory Machinist Trainee at the rate of \$4,992 Term AT January 1 to June 30, 1964

James R Pilgram from General Mechanic School of Physics Research Funds at \$4,620 Term AT to Senior Laboratory Machinist Trainee at the rate of \$4,992 Term AT November 1, 1963 to June 30, 1964

Barbara E Lee from Senior Laboratory Attendant Microbiology Research Funds at \$2,736 Term CT (\$4,104 A rate) July 1, 1963 to February 29, 1964 to Principal Laboratory Attendant at \$3,328 Term CT (\$4,992 A rate) November 1, 1963 to June 30, 1964

Mary D Lewis from Junior Scientist Medicine Research Funds at \$4,923 Term CT (\$6,564 A rate) October 1, 1963 to June 30, 1964 to Assistant Scientist at \$3,699 Term CT (\$6,828 A rate) December 16, 1963 to June 30, 1964

Theresa N Ehrenberg from General Staff Nurse University of Minnesota Hospitals at \$5,196 Term A to General Staff Nurse Medicine Research Funds at \$3,952 Term CT (\$4,992 A rate) September 12, 1963 to June 30, 1964

Donna M Oman from Laboratory Technologist Pediatrics Research Funds at \$3,150 Term CT (\$5,400 A rate) December 1, 1963 to June 30, 1964 to Junior Scientist at \$2,808 Term CT (\$5,616 A rate) January 1 to June 30, 1964

Josephine Bertish from Laboratory Technician Pharmacology Research Funds at \$3,240 Term AT to Senior Laboratory Technician at the rate of \$4,104 Term AT November 16, 1963 to June 30, 1964

Lynda B Brooks from Laboratory Technician Pharmacology Research Funds at \$540 Term CT (\$3,240 A rate) December 1, 1963 to January 31, 1964 to Senior Laboratory Technician at the rate of \$4,104 Term AT February 1 to June 30, 1964

Kenneth Sjodin from Research Assistant Physiology Research Funds at \$2,541 Term CHT75 (\$5,808 A rate) December 1, 1963 to June 30, 1964 to Junior Scientist at \$3,042 Term CT (\$5,616 A rate) December 15, 1963 to June 30, 1964

Stanley L Ross from Senior General Mechanic Laboratory of Physiological Hygiene and Research Funds at \$5,844 Term A to Electronics Mechanic at \$5,844 Term AT for 1963-64

Bruce W Benson from Laboratory Animal Attendant Surgery Research Funds at \$2,432 Term CT (\$3,648 A rate) July 1, 1963 to February 29, 1964 to Senior Laboratory Animal Attendant at \$2,223 Term CT (\$4,104 A rate) December 16, 1963 to June 30, 1964

Judith Ann Hawker from Secretary Surgery Research Funds at \$3,792 Term AT to Senior Secretary Office of Cancer Coordinator at \$329 Term CT (\$3,948 A rate) December 1-31, 1963

Duane I Perteet from Laboratory Animal Attendant Pediatrics Research Funds at \$316 Term CT (\$3,792 A rate) November 1-30, 1963 to Senior Laboratory Animal Attendant Surgery Research Funds at \$2,394 Term CT (\$4,104 A rate) December 1, 1963 to June 30, 1964

Wayne F Cavender from Senior Laboratory Technician Radiology Research Funds at \$684 Term CT (\$4,104 A rate) December 1, 1963 to January 31, 1964 to Senior Laboratory Technician Psychiatry and Neurology

Research Funds at \$1,710 Term CT (\$4,104 A rate) February 1 to June 30, 1964

Robert B Tucker from Laboratory Technologist Physical Medicine and Rehabilitation Research Funds at \$5,196 Term AT to Junior Scientist at the rate of \$5,616 Term AT November 16, 1963 to June 30, 1964

Edwin J Englert from Senior Laboratory Animal Attendant Veterinary Surgery and Radiology at \$4,272 Term A to Senior Laboratory Animal Attendant Veterinary Bacteriology and Public Health Research Funds without change in salary rate or term November 1, 1963 to June 30, 1964

Grace M Fangmann from Student Technologist Supervisor Veterinary Pathology and Parasitology at \$6,828 Term A to Assistant Scientist Veterinary Pathology and Parasitology Research Funds at \$3,283 Term CT (\$7,104 A rate) January 15 to June 30, 1964

Phyliss J Freiheit from Laboratory Technician Poultry Science Research Funds at \$360 Term CT (\$3,240 A rate) October 22 to November 30, 1963 to Laboratory Technician Veterinary Bacteriology and Public Health Research Funds at \$1,350 Term CT (\$3,240 A rate) December 1, 1963 to April 30, 1964

Rita C Schwegler from Secretary School of Dentistry at \$608 Term CT (\$3,648 A rate) November 1 to December 31, 1963 to Secretary School of Dentistry Research Funds at \$608 Term CT (\$3,648 A rate) January 1 to February 29, 1964

Johanna B Mills from Senior Clerk-Typist School Psychology Training at \$3,504 Term AT to Senior Secretary at the rate of \$3,948 Term AT July 16, 1963 to June 30, 1964

#### Salary Adjustments

Paul G Quie Assistant Professor Pediatrics Career Development Award Funds from \$15,000 Term A to the rate of \$16,000 Term A January 1 to June 30, 1964

Dorothy B Windhorst Research Associate Medicine Research Funds from \$4,000 Term AHT50 (\$8,000 A rate) to \$5,500 Term CT (\$11,000 A rate) January 1 to June 30, 1964

Warren E Eastlund Lecturer Business Functions and Management at \$3,900 Term BH50 (\$7,800 B rate) to receive \$200 for 8% additional time for the winter quarter of 1963-64

Karl A Keller Instructor English at \$3,150 Term BH67 (\$4,725 B rate) to receive \$525 for 33% additional time for the winter quarter of 1963-64

Paul K Christianson Instructor History from \$2,406 Term BHX50 to the rate of \$2,901 Term BHX60 (\$4,812 B rate) December 16, 1963 to June 15, 1964

Duane P Sather Instructor School of Mathematics and Research Fellow School of Mathematics Research Funds from \$4,662 Term BX to the rate of \$6,500 Term BX December 16, 1963 to June 15, 1964

James L Reynolds Instructor Mechanical Engineering at \$4,000 Term BHT75 (\$5,335 B rate) to continue to receive \$445 for 25% additional time for the winter quarter of 1963-64

James T Prince Instructor Microbiology Research Funds from \$11,500 Term AHT88 (\$13,068 A rate) to the rate of \$13,068 Term AT January 15 to June 30, 1964

Theodore A Peterson Instructor Surgery Hennepin County General Hospital from \$3,000 Term CHT96 (\$6,216 A rate) July 1 to December 31, 1963 with salary paid directly by the Hennepin County General Hospital January 1 to June 30, 1964

Ronald B Hohn Instructor Veterinary Anatomy from \$3,497 Term BHT75 (\$4,662 B rate) to the rate of \$6,993 Term AT January 1 to June 30, 1964

Tracy F Tyler, Jr Instructor Elementary Education at \$1,200 Term BH26 (\$4,662 B rate) to receive \$400 for 26% additional time for the winter quarter of 1963-64

Clarence R Wesenberg Instructor Psycho-Educational Clinic from \$6,600 Term B to the rate of \$4,950 Term BH75 (\$6,600 B rate) December 16, 1963 to June 15, 1964

Carl P Allen Instructor Accounting from \$3,960 Term BH83 (\$4,752 B rate) to the rate of \$3,696 Term BH78 (\$4,752 B rate) for 1963-64

Harold Cannon Instructor Accounting at \$2,331 Term BH50 (\$4,662 B rate) to receive \$726 for 25% additional time for the spring quarter of 1963-64

Edward M Currie Instructor Accounting from \$1,554 Term BH33 (\$4,662 B rate) to the rate of \$1,943 Term BH42 (\$4,662 B rate) for 1963-64

Daniel Pearl Instructor Accounting from \$3,326 Term BH70 (\$4,752 B rate) to \$3,431 Term BH72 (\$4,752 B rate) for 1963-64

LeRoy J Goodenough Instructor General College at \$2,779 Term BH60 (\$4,662 B rate) to receive \$622 for 40% additional time for the spring quarter of 1963-64

Donald W Knoepfler Instructor General College at \$2,331 Term BH50 (\$4,662 B rate) to receive \$389 for 25% additional time for the spring quarter of 1963-64

Ralph E Packard Instructor General College at \$2,331 Term BH50 (\$4,662 B rate) to receive \$777 for 50% additional time for the spring quarter of 1963-64

Julie M Buchholz Instructor University High School from \$3,705 Term CH75 (\$6,240 A rate) September 1, 1963 to June 15, 1964 to \$2,600 Term C (\$6,240 A rate) January 16 to June 15, 1964

Richard E Shope, Jr Instructor Veterinary Medicine and Clinics Career Development Award Funds from \$1,367 Term CT (\$8,200 A rate) January 1 to February 29, 1964 to \$5,000 Term CT (\$10,000 A rate) January 1 to June 30, 1964

Siret H Ener Instructor Pharmacology Research Funds from \$10,000 Term CT July 1, 1963 to June 30, 1964 to \$5,250 Term CT (\$10,500 A rate) January 1 to June 30, 1964

Alan D Kaske Research Fellow Electrical Engineering Research Funds from \$3,497 Term BHT75 (\$4,662 B rate) to the rate of \$2,331 Term BHT50 (\$4,662 B rate) January 16 to June 15, 1964

Sanaa E Khalafalla Research Fellow School of Chemistry Research Funds from \$2,984 Term CHT93 (\$5,928 A rate) July 1, 1963 to January 15, 1964 to \$1,729 Term CT (\$5,928 A rate) October 1, 1963 to January 15, 1964

Vance G Leak Research Fellow School of Mineral and Metallurgical Engineering Research Funds from \$6,216 Term AT to the rate of \$1,243 Term AHT20 (\$6,216 A rate) January 16 to June 30, 1964

Paul E Tix Research Fellow Agricultural Economics Research Funds from \$6,675 Term AT to the rate of \$7,030 Term AT January 1 to June 30, 1964

Cheng-Ven Shih Research Fellow Biochemistry Institute of Agriculture Research Funds from \$4,662 Term CT (\$6,216 A rate) October 1, 1963 to June 30, 1964 to \$3,264 Term CT (\$6,528 A rate) January 1 to June 30, 1964

Patricia L Ashman Research Fellow Medicine Research Funds from \$6,500 Term AT to the rate of \$7,500 Term AT January 1 to June 30, 1964

Arrilla B Fedde Research Fellow Veterinary Bacteriology and Public Health Research Funds from \$5,817 Term AHT90 (\$6,464 A rate) to the rate of \$3,878 Term AHT60 (\$6,464 A rate) January 16 to June 30, 1964



The following salary adjustments in Agricultural Extension Service effective January 1, 1964

	Present Rate			Proposed Rate		
	Univ	Co	Term	Univ	Co	Term
Ronald I Anderson—Morrison Co Asst Co Agricultural Agent Instructor .....	\$5,150	\$ 450	AHX92 \$5,600	\$5,300	\$ 450	AHX92 \$5,750
Carl G Ash—West Polk Co Agr Agent Professor .....	5,900	3,850	AH61 9,750	6,050	3,850	AH61 9,900
Ellen P Ayotte—Koochich- ing Co Home Agent In- structor .....	4,975	300	AH94 5,275	5,100	300	AH94 5,400
Harriet H Bakehouse— Steele Co Home Agent Asst Professor .....	4,800	1,400	AH77 6,200	4,900	1,500	AH77 6,400
Howard E Balk—Big Stone Co Agr Agent Instructor .....	5,400	2,725	AH66 8,125	5,525	2,850	AH66 8,375
Edmund W Bernhardson— Clay Co Asst Co Agr Agent Instructor .....	5,400	600	AH90 6,000	5,550	700	AH89 6,250
Harvey Bjerke Agr Ext Agent Farm Management Asst Professor .....	7,900	..0...	A 7,900	8,200	..0...	A 8,200
Audrey C Blum—Big Stone Co Home Agent Instruc- tor .....	4,950	750	AH87 5,700	5,075	875	AH85 5,950
Lawrence M Christenson— Agr Ext Agent Farm and Home Development Asst Professor .....	7,950	..0...	A 7,950	8,250	..0...	A 8,250
Oswald A Daellenbach—Clay Co Agr Agent Assoc Pro- fessor .....	5,400	3,300	AH62 8,700	5,550	3,400	AH62 8,950
James L Edman—Swift Co Agr Agent Asst Profes- sor .....	5,125	2,725	AH65 7,850	5,275	3,075	AH63 8,350
George M Gehant, Jr—Lac qui Parle Co Agr Agent Assistant Professor .....	5,400	2,600	AH68 8,000	5,550	2,850	AH66 8,400
J Russell Gute—Steele Co Agr Agent Assoc Professor .....	5,600	3,550	AH61 9,150	5,750	3,700	AH61 9,450
Nels P Hanson—Pope Co Agr Agent Asst Professor .....	5,400	2,025	AH73 7,425	5,600	2,100	AH73 7,700
Arnold J Heikkila—Clear- water Co Agr Agent Asst Professor .....	5,575	1,875	AH75 7,450	5,725	2,025	AH74 7,750
James R Hoffbeck—Aitkin Co Agr Agent Asst Pro- fessor .....	5,475	2,075	AH73 7,550	5,625	2,225	AH72 7,850
Julin O Jacobson—West St Louis Co Agr Agent As- sistant Professor .....	4,112	3,660	AH53 7,772	4,262	3,732	AH53 7,994
Deane H Johnson—Clay Co Club Agent Instructor .....	5,125	1,475	AHX78 6,600	5,225	1,575	AHX77 6,800

	Present Rate			Proposed Rate		
	Univ	Co	Term	Univ	Co	Term
Marlin O Johnson—West Polk Co Assoc Co Agr Agent Assistant Professor .....	6,150	1,050	AH85 7,200	6,300	1,900	AH77 8,200
Ruth D Johnson—Clay Co Home Agent Asst Profes- sor .....	5,100	1,600	AH76 6,700	5,200	1,700	AH75 6,900
Mae B Kersting—Mahnomen Co Asst Co Extension Agent .....	5,250	..0...	A 5,250	5,550	..0...	A 5,550
Curtis P Klint Area Soils Agent Asst Professor .....	7,650	..0...	A 7,650	7,950	..0...	A 7,950
Dayton M Larsen—St Louis Co Assoc Co Agr Agent Forestry Assistant Professor	7,350	..0...	A 7,350	7,575	..0...	A 7,575
Roger J Larson—Chippewa Co Assoc Co Agr Agent Instructor .....	6,100	1,500	AH80 7,600	6,250	1,750	AH78 8,000
Patrick J Maher—Renville Co Assoc Co Agr Agent Instructor .....	5,600	500	AH92 6,100	5,750	850	AH87 6,600
Tim C Main—North St Louis Co Agr Agent Asst Professor .....	4,112	3,660	AH53 7,772	4,262	3,732	AH53 7,994
Mavis L McGuire—Aitkin Co Home Agent Instructor ...	4,825	175	AH97 5,000	4,925	275	AH95 5,200
Hester E McKinnon—St Louis Co Home Agent Assistant Professor .....	3,751	2,783	AH57 6,534	3,851	2,843	AH58 6,694
Julie S Moorhead—Lac qui Parle Co Home Agent In- structor .....	4,500	600	AH88 5,100	4,700	700	AH87 5,400
John E Morris—Swift Co Asst Co Agr Agent In- structor .....	5,350	850	AH86 6,200	5,500	1,000	AH85 6,500
Oscar Nelson—Mahnomen Co Agr Agent Asst Professor	5,900	350	AH94 6,250	6,050	550	AH92 6,600
Kenneth E Neeser—South St Louis Co Club Agent Instructor .....	3,389	2,611	AH56 6,000	3,589	2,771	AH56 6,360
Carolyn A Offerdahl—Pen- nington Co Home Agent Instructor .....	4,425	775	AH85 5,200	4,525	875	AH84 5,400
Barbara M Oseth—East Polk Co Home Agent Instruc- tor .....	4,750	900	AH84 5,650	4,850	1,000	AH83 5,850
Irene S Peterson—Douglas Co Home Agent Instruc- tor .....	5,200	1,250	AH81 6,450	5,350	1,400	AH79 6,750
Donald S Petman—Koochich- ing Co Agr Agent Asst Professor .....	5,625	2,050	AH73 7,675	5,750	2,050	AH74 7,800

	Present Rate			Proposed Rate		
	Univ	Co	Term	Univ	Co	Term
Lyle M Ross Agr Ext Agent Farm Management Instructor .....	7,200	..0..	7,200 A	7,600	..0..	7,600 A
Eldon H Rost—Douglas Co Agr Agent Asst Professor	5,400	2,900	AH65 8,300	5,550	3,050	AH65 8,600
Adela A Rydberg—Chippewa Co Home Agent Instructor	4,975	825	AH86 5,800	5,075	975	AH84 6,050
Harley S Shurson—East Polk Co Agr Agent Asst Pro- fessor .....	5,400	3,500	AH61 8,900	5,550	3,650	AH60 9,200
Mabel F Smilanich—North St Louis Co Club Agent Assistant Professor .....	3,656	2,878	AH56 6,534	3,756	2,938	AH56 6,694
Paul J Stelmaschuk—Pen- nington Co Agr Agent Asst Professor .....	5,900	2,650	AH69 8,550	6,050	2,750	AH69 8,800
Frank D Svoboda—Renville Co Agr Agent Assoc Pro- fessor .....	5,650	3,600	AH61 9,250	5,800	3,700	AH61 9,500
Larry A Tande—Steele Co Assoc Co Agr Agent In- structor .....	4,950	750	AH87 5,700	5,100	900	AH85 6,000
Erwin J Wamhoff—Morrison Co Agr Agent Asst Pro- fessor .....	5,325	2,475	AH68 7,800	5,475	2,475	AH69 7,950

Eugene F Pilgram Chippewa County Agricultural Agent Associate Pro-  
fessor Agricultural Extension Service from \$9,425 (\$5,900 University \$3,525  
County) Term AH63 to \$2,931 Term CT (\$11,725 A rate) January 1 to  
March 31, 1964 and to the rate of \$9,725 (\$6,050 University \$3,675 County)  
Term AH62 April 1 to June 30, 1964

Juanita D Marotta Teaching Assistant Botany at \$1,089 Term BH25  
to continue to receive \$363 for 25% additional time for the spring quarter  
of 1963-64

Harvey S Irlen Teaching Assistant English at \$1,742 Term BH40 to  
receive \$146 for 10% additional time for the winter quarter of 1963-64

Thomas M Scanlan Teaching Assistant English at \$1,742 Term BH40 to  
receive \$146 for 10% additional time for the winter quarter of 1963-64

Elwin E Rogers Teaching Assistant German at \$1,089 Term BHX25  
to receive \$363 for 25% additional time for the winter quarter of 1963-64

Anne D Russell Teaching Assistant German at \$1,089 Term BHX25 to  
receive \$363 for 25% additional time for the winter quarter of 1963-64

Thomas W Blomquist Teaching Assistant History from \$2,178 Term  
BH50 to the rate of \$3,267 Term BHX75 December 16, 1963 to June 15,  
1964

Robert E Bonner Teaching Assistant History from \$2,178 Term BH50  
to the rate of \$2,627 Term BH60 December 16, 1963 to June 15, 1964

Richard T Fry Teaching Assistant History from \$726 Term BHX16 to  
the rate of \$1,089 Term BHX25 December 16, 1963 to June 15, 1964

Margaret E Horsnell Teaching Assistant History from \$2,178 Term  
BH50 to the rate of \$2,627 Term BH60 December 16, 1963 to June 15, 1964

David L Grey Teaching Assistant School of Journalism at \$2,178 Term  
BH50 to receive \$363 for 25% additional time for the winter quarter of  
1963-64

Robert B Baker Teaching Assistant Philosophy at \$1,452 Term BH33 to continue to receive \$242 for 17% additional time for the winter quarter of 1963-64

William S Boardman Teaching Assistant Philosophy from \$1,452 Term BH33 to receive \$242 for 17% additional time for the winter quarter of 1963-64

John A Winnie Teaching Assistant Philosophy at \$1,452 Term BH33 to continue to receive \$242 for 17% additional time for the winter quarter of 1963-64

Robert L Delorme Teaching Assistant Political Science from \$363 Term CHX25 for the winter quarter of 1963-64 to \$1,452 Term CHX50 for the winter and spring quarters of 1963-64

Michael C Stratford Teaching Assistant Political Science from \$363 Term CHX25 for the winter quarter of 1963-64 to \$1,452 Term CHX50 for the winter and spring quarters of 1963-64

Ruth E Jones Teaching Assistant Romance Languages from \$2,178 Term BH50 to the rate of \$2,831 Term BH65 December 16, 1963 to June 15, 1964

Stanley C Johnson Teaching Assistant Mechanical Engineering at \$2,178 Term BH50 to continue to receive \$363 for 25% additional time for the winter quarter of 1963-64

Barton J Cooper Teaching Assistant School of Physics at \$2,178 Term BH50 to the rate of \$1,089 Term BH25 December 16, 1963 to June 15, 1964

William J Deters Teaching Assistant Business Functions and Management from \$1,089 Term BH25 to the rate of \$2,178 Term BH50 December 16, 1963 to June 15, 1964

William H Kaufman Teaching Assistant Accounting at \$2,178 Term BH50 to serve at the rate of \$1,307 Term BH30 for the winter quarter of 1963-64

Harbans Singh Research Assistant Dairy Husbandry and Biochemistry Institute of Agriculture Research Funds at \$1,452 Term AHT25 to continue to serve at the rate of \$2,904 Term AHT50 January 1 to June 30, 1964

Sidney S Frissell, Jr Research Assistant School of Forestry Research Funds from \$363 Term CHT25 October 1 to December 31, 1963 to \$363 Term CHT50 December 16, 1963 to January 31, 1964

Theodore Gram Research Assistant Pharmacology Research Funds from \$2,904 Term AHT50 to the rate of \$3,893 Term AHT67 January 1-31, 1964 (terminated)

Anant S Kulkarni Research Assistant Pharmacology Research Funds from \$3,924 Term AHT68 to the rate of \$4,440 Term AHT76 January 1 to June 30, 1964

John G Lee Research Assistant School of Public Health Research Funds and Teaching Assistant School of Public Health from \$1,815 Term CHT50 November 1, 1963 to June 15, 1964 to \$2,178 Term CHT75 December 16, 1963 to June 15, 1964

Betty Bernard Medical Fellow Specialist Pediatrics Research Funds from \$1,400 plus tuition and fees Term CT (\$4,000 plus tuition and fees A rate) January 1 to June 30, 1964 to \$933 plus tuition and fees Term CHT70 (\$4,000 plus tuition and fees A rate) March 1 to June 30, 1964

Henry Buchwald Medical Fellow Specialist Surgery without salary to continue to receive \$262 for tuition only Surgery Research Funds February 1 to June 30, 1964

James F Bascom Medical Fellow Specialist Surgery Hennepin County General Hospital Fellowships from \$2,623 plus tuition and fees Term CT (\$5,246 plus tuition and fees A rate) July 1 to December 31, 1963 to salary paid directly by the Hennepin County General Hospital January 1 to June 30, 1964

Patrick H Beckham Medical Fellow Specialist Surgery Hennepin County General Hospital Fellowships from \$2,178 plus tuition and fees

Term CT (\$4,356 plus tuition and fees A rate) July 1 to December 31, 1963 to salary paid directly by Hennepin County General Hospital January 1 to June 30, 1964

James E Bitter Medical Fellow Specialist Surgery Hennepin County General Hospital Fellowships from \$3,227 plus tuition and fees Term CT (\$6,454 plus tuition and fees A rate) July 1 to December 31, 1963 to salary paid directly by Hennepin County General Hospital January 1 to June 30, 1964

Russell H Harris Medical Fellow Specialist Surgery Hennepin County General Hospital Fellowships from \$2,623 plus tuition and fees Term CT (\$5,246 plus tuition and fees A rate) July 1 to December 31, 1963 to salary paid directly by Hennepin County General Hospital January 1 to June 30, 1964

Felix Largiader Medical Fellow Specialist Surgery from \$2,000 plus tuition and fees Term CHT76 (\$3,150 plus tuition and fees A rate) September 1, 1963 to June 30, 1964 to \$1,500 plus tuition and fees Term CHT95 (\$3,150 plus tuition and fees A rate) January 1 to June 30, 1964

Arthur M McGuire Medical Fellow Specialist Surgery Hennepin County General Hospital Fellowships from \$2,178 plus tuition and fees Term CT (\$4,356 plus tuition and fees A rate) July 1 to December 31, 1963 to salary paid directly by Hennepin County General Hospital January 1 to June 30, 1964

Richard E Muzzall Medical Fellow Specialist Surgery Hennepin County General Hospital Fellowships from \$2,623 plus tuition and fees Term CT (\$5,246 plus tuition and fees A rate) July 1 to December 31, 1963 to salary paid directly by the Hennepin County General Hospital January 1 to June 30, 1964

Robert Sutherland Medical Fellow Specialist Surgery Hennepin County General Hospital Fellowships from \$2,178 plus tuition and fees Term CT (\$4,256 plus tuition and fees A rate) July 1 to December 31, 1963 to salary paid directly by Hennepin County General Hospital January 1 to June 30, 1964

Arthur H L From Medical Fellow Medicine from \$3,150 plus tuition and fees Term A to salary paid directly by the Veterans Administration Hospital January 1 to March 31, 1964

The following Medical Fellows Medicine Hennepin County General Hospital Fellowships from \$3,150 plus tuition and fees Term AT to salary paid directly by Hennepin County General Hospital January 1 to June 30, 1964

Jean R Eckerly	Paul E O'Brien
George E Kitzmiller	Russell Payson
Thomas F Mulrooney	Robert H Scott
Sydney S Nicholas	Fred L Shapiro

Wallace P Ritchie, Jr Medical Fellow Surgery from \$3,150 plus tuition and fees Term A to the rate of \$2,550 plus tuition and fees Term AH81 January 1 to June 30, 1964

The following Medical Fellows Surgery Hennepin County General Hospital Fellowships from \$3,150 plus tuition and fees to salary paid directly by Hennepin County General Hospital January 1 to June 30, 1964

Robert C Andersen	Clark O Olsen
Orn Amnar	Ernest Ruiz
Daniel R Baker	Shin Tanaka
Donald L Erickson	Robert L Telander
Rodney T H Nixon	David M VanNostrand

Francis H Hassing Investment Counsel Investment Overhead from \$10,536 Term A to the rate of \$10,956 Term A November 1, 1963 to June 30, 1964

David C Berg Personnel Services Representative Trainee Office of Civil Service Personnel from \$5,616 Term A to the rate of \$6,072 Term A January 1 to June 30, 1964

Douglas M Mitchell Personnel Services Representative Trainee Office of Civil Service Personnel from \$5,616 Term A to the rate of \$6,072 Term A January 1 to June 30, 1964

John F Wilson Personnel Services Representative Trainee Office of Civil Service Personnel from \$6,072 Term A to the rate of \$6,312 Term A January 1 to June 30, 1964

Charles F Liesenfelt Assistant to the Recorder Office of Admissions and Records from \$7,392 Term A to the rate of \$7,692 Term A September 1, 1963 to June 30, 1964

Charles D Norling Glassblower Apprentice Glassblowing Shop from \$4,272 Term A to the rate of \$4,440 Term A February 1 to June 30, 1964

Gordon A Smith Glassblower Trainee Electrical Engineering from \$4,272 Term AT to the rate of \$4,440 Term AT November 7, 1963 to June 30, 1964

Hortense E Sandbo Assistant Executive Housekeeper University of Minnesota Hospitals from \$5,616 Term A to \$5,844 Term A for 1963-64

Jean M Soltis General Staff Nurse University of Minnesota Hospitals from \$4,992 Term A to the rate of \$4,800 Term A December 26, 1963 to June 30, 1964

Walter A Puziewicz Senior Laborer Fruit Breeding Farm Excelsior from \$3,504 Term A to \$3,792 Term A for 1963-64

Donald G Seal Principal Engineering Assistant Psychiatry and Neurology Research Funds from \$1,915 Term CHT50 (\$5,616 A rate) November 12, 1963 to June 30, 1964 to \$2,633 Term CHT75 (\$5,616 A rate) November 15, 1963 to June 30, 1964

Marilyn J Palmer Junior Scientist Medicine Research Funds from \$4,446 Term CT (\$5,616 A rate) September 16, 1963 to June 30, 1964 to \$2,274 Term CHT81 (\$5,616 A rate) January 2 to June 30, 1964

Karen E Kreitinger Senior Laboratory Technician Trainee Otolaryngology Research Funds from \$3,504 Term A to the rate of \$3,648 Term A January 1 to June 30, 1964

Madelyn J Hargrave Assistant Scientist Laboratory of Physiological Hygiene Research Funds from \$5,251 Term AHT80 (\$6,564 A rate) to the rate of \$6,564 Term AT January 15 to June 30, 1964

### Leaves of Absence

Rutherford Aris Professor Chemical Engineering sabbatical furlough for 1964-65 to pursue research on the foundations of mathematical representation of chemical reactions with time to be spent at Cambridge University England

Richard J Foster Associate Professor English leave without salary for 1964-65 to accept a Visiting Associate Professorship at Williams College

Paul W Bamford Associate Professor History sabbatical furlough for 1964-65 to complete research and writing of a book on French galleys and galley administration in early modern Europe

Ralph E Giesey Associate Professor History sabbatical furlough for 1964-65 to complete writings on 15th century political thought and Renaissance kingship with time to be spent at the Institute for Advanced Study

C Alden Mead Associate Professor School of Chemistry sabbatical furlough for 1964-65 to study quantum and gravitational effects in the theory of measurement and on the relation between quantum and relativity theory in general with time to be spent at Birkbeck College, University of London

Harold J Alford Associate Professor Evening and Special Classes leave without salary February 1 to June 30, 1964 to accept a Kellogg Foundation grant and write a book on History of Residential Adult Education

John M Sullivan Assistant Professor Romance Languages sabbatical furlough for 1964-65 to study current cultural developments in France and to plan and prepare a projected new course in French Stylistics with time to be spent at Sorbonne and Oxford

Edward M Copeland, Jr Assistant Professor Slavic and Oriental Languages sabbatical furlough for 1964-65 to complete the translation and editing of a modern Japanese work *Shosetsu Shinzui* with time to be spent at the University of Paris

Norman A Korn Research Associate School of Dentistry Research Funds leave without salary January 1 to April 30, 1964 for private practice

Mary W Hollinshead Instructor Zoology leave without salary January 1 to March 15, 1964 on account of illness in family

Nathaniel I Hart Instructor Division of Humanities Morris leave without salary for 1964-65 to write PhD thesis

Marjorie R Hamann Washington County Home Agent Instructor Agricultural Extension Service leave without salary December 31, 1963 to February 29, 1964 on account of pregnancy

Evelyn Jenkins Hennepin County Assistant County Home Agent Instructor Agricultural Extension Service leave with salary December 4, 1963 to January 25, 1964 on account of injury

Donald R Mueller Medical Fellow Radiology with salary paid directly by the Veterans Administration Hospital leave without salary December 29, 1963 to June 30, 1964 for personal reasons

Clarence A Jenike Physician University Health Service continuation of leave without salary January 6 to February 15, 1964 for personal reasons

Rudolph J Ripple Physician University Health Service continuation of leave without salary January 6 to March 21, 1964 for personal reasons

Mary Ann Schrupp Key Punch Operator Business Office leave without salary December 5, 1963 to January 7, 1964 on account of illness

Ruth K Goldberg Student Personnel Worker Office of the Dean of Students Bureau of Student Loans and Scholarships 50% time leave without salary December 16, 1963 to January 31, 1964 to work toward Masters degree

Helen M Lehmann Senior Clerk-Typist Office of the Dean of Students Bureau of Student Loans and Scholarships leave without salary December 27, 1963 to February 7, 1964 on account of illness

Maureen M Leonhardi Senior Clerk Office of Admissions and Records leave without salary December 13-31, 1963 on account of illness

Donna J Peterson Principal Clerk Student Personnel Services Duluth leave without salary January 2 to February 14, 1964 on account of pregnancy

Judith A Lucking Senior Secretary School of Journalism leave without salary February 3 to March 27, 1964 on account of pregnancy

Margaret W Gallant Clerk-Typist School of Chemistry leave without salary January 30 to February 7, 1964 for personal reasons

Ellen M Hoy Principal Clerk School of Dentistry leave without salary January 10-24, 1964 on account of illness

Rita A Fermoyle Senior Clerk-Typist Law School leave without salary December 2-6, 1963 on account of illness

Annabell L Rollins Senior Clerk-Typist Agricultural Education leave without salary January 1-15, 1964 on account of illness

Charlotte A Mahai Senior Account Clerk Administration Duluth leave without salary January 7-31, 1964 on account of pregnancy

Roberta M Johnson Clerk-Stenographer Division of Education and Psychology Duluth leave without salary December 16-31, 1963 on account of illness in family

Marlene F Baldner Operating Room Technician University of Minnesota Hospitals leave without salary January 24-31, 1964 for marriage

Geraldine A Cody General Staff Nurse University of Minnesota Hospitals leave without salary February 11 to April 12, 1964 on account of pregnancy

Beverly L Dorsey General Staff Nurse University of Minnesota Hospitals leave without salary February 28 to March 15, 1964 on account of pregnancy

Anna Jankowski Hospital Aide University of Minnesota Hospitals leave without salary December 20-27, 1963 on account of illness

Esther M Johnson Food Service Worker University of Minnesota Hospitals leave without salary December 17-24, 1963 on account of illness

Margaret K Lefavor Laboratory Attendant University of Minnesota Hospitals leave without salary December 16, 1963 to February 29, 1964 on account of injury at work

Bernice P Leo Practical Nurse University of Minnesota Hospitals continuation of leave without salary January 1 to March 30, 1964 to care for aged mother-in-law

Louise L Lind Food Service Worker University of Minnesota Hospitals continuation of 100% time leave without salary December 15-31, 1963 and January 8-31, 1964 and 50% time leave without salary January 1-7, 1964 on account of injury at work

Nancy A Luedtke Hospital Aide University of Minnesota Hospitals leave without salary January 16 to April 5, 1964 on account of pregnancy

Larry H Metag Hospital Orderly University of Minnesota Hospitals leave without salary December 11-20, 1963

Alexander Mezak Senior Laboratory Attendant University of Minnesota Hospitals leave without salary December 23, 1963 to January 3, 1964 for travel

Kathleen A Myers General Staff Nurse University of Minnesota Hospitals leave without salary December 27, 1963 to January 24, 1964 on account of injury

Minerva F Norell General Staff Nurse University of Minnesota Hospitals leave without salary December 30, 1963 to March 15, 1964 on account of illness in family

Karol K Orr Senior Occupational Therapist University of Minnesota Hospitals leave without salary January 31, to March 31, 1964 on account of pregnancy

Paul K Perkins Hospital Orderly University of Minnesota Hospitals leave without salary February 5 to June 30, 1964 for military service

Jeanne Pulley Telephone Operator University of Minnesota Hospitals leave without salary January 3-22, 1964 on account of illness

Sylvia I Saunders General Staff Nurse University of Minnesota Hospitals leave without salary December 18-29, 1963 on account of illness

Genevieve Scholtes Hospital Nursing Supervisor and Instructor University of Minnesota Hospitals leave without salary January 8 to February 2, 1964 on account of illness

Betty L Schreiner General Staff Nurse University of Minnesota Hospitals leave without salary January 7 to February 14, 1964 to attend Flight Nurse Class for the Minnesota Air National Guard

Naomi W Sharar Nursing Station Assistant University of Minnesota Hospitals leave without salary December 9-24, 1963 on account of illness

Nancy R Sunde Secretary University of Minnesota Hospitals leave without salary January 6-10, 1964 for marriage

Marvin M Thomas Hospital Janitor University of Minnesota Hospitals continuation of leave without salary January 1-31, 1964 on account of injury at work

Margaret K Van Schoyck Student Technologist Supervisor University of Minnesota Hospitals 20% time leave without salary January 1 to March 15, 1964 to attend school



Bernice Warner Cook University of Minnesota Hospitals leave with salary December 4-11, 1963 to serve as witness in a trial in the United States District Court in Minneapolis

Julia Wenzel Custodial Worker University of Minnesota Hospitals leave without salary January 4 to February 16, 1964 on account of injury at work

Joanne E Yates Food Service Worker University of Minnesota Hospitals leave without salary January 13-20, 1964 on account of illness

Carla S Hill Secretary University High School leave without salary February 1 to April 15, 1964 on account of pregnancy

Leo C Schimek Senior Custodial Worker Southern School of Agriculture leave without salary January 6-17, 1964 on account of illness

Marcene R Groepper Senior Clerk-Typist Agricultural Extension Service leave without salary January 6-10, 1964 for personal reasons

Allan D Shafer Farm Laborer Northwest Experiment Station leave without salary December 16, 1963 to January 11, 1964 on account of injury at work

Walter A Puziewicz Senior Laborer Fruit Breeding Farm Excelsior continuation of leave without salary for 1963-64 for military service

Judith W Miller Clerk-Typist Graduate School leave without salary December 18, 1963 to January 31, 1964 on account of illness

Louis Timm Building Caretaker Plant Services leave without salary February 20 to March 20, 1964 on account of illness

Roy E Greve Building Caretaker Plant Services Duluth leave with salary January 9-15, 1964 and leave without salary January 16 to March 31, 1964 on account of injury at work

Mary Van Allsburg Head Residence Hall Counselor Sanford Hall leave without salary December 23-27, 1963 on account of Sanford Hall closing

Betty Mae Callahan Food Service Worker Sanford Hall leave without salary December 16-24, 1963 on account of Sanford Hall closing

Edith A Bergren Food Service Worker Shevlin Hall Food Service leave without salary December 20, 1963 to January 5, 1964 on account of Shevlin Hall closing

Nina W Doolittle Assistant Cook Shevlin Hall Food Service leave without salary December 16-31, 1963 on account of Shevlin Hall closing

Mabel Ekelund Cook Shevlin Hall Food Service leave without salary December 19-31, 1963 on account of Shevlin Hall closing

Edith M Kersten Food Service Worker Shevlin Hall Food Service leave without salary December 23, 1963 to January 5, 1964 on account of Shevlin Hall closing

Juanita K Manasas Senior Food Service Worker Shevlin Hall Food Service leave without salary December 18, 1963 to January 5, 1964 on account of Shevlin Hall closing

Rosella V Manthey Food Service Worker Shevlin Hall Food Service leave without salary December 26, 1963 to January 5, 1964 on account of Shevlin Hall closing

Irene R Miller Junior Cashier Shevlin Hall Food Service leave without salary December 30, 1963 to January 5, 1964 on account of Shevlin Hall closing

Muriel June Walker Food Service Worker Shevlin Hall Food Service leave without salary December 23, 1963 to January 5, 1964 on account of Shevlin Hall closing

Florence M Berggren Junior Cashier Coffman Union Food Service leave without salary December 16, 1963 to January 5, 1964 on account of the Fountain Grille closing

Ida Griffin Food Service Supervisor Coffman Union Food Service leave without salary December 26-31, 1963 on account of the Fountain Grille closing

Esther C Nerheim Food Service Worker and Junior Cashier Coffman Union Food Service leave without salary December 20-31, 1963 on account of the commuter's lunch room closing

Christle Kvist Assistant Cook Centennial Hall leave without salary July 3-21, 1963 for personal reasons and leave without salary August 26 to September 10, 1963 on account of Centennial Hall closing

Edith M Coe Clerk-Typist Bailey Hall and Food Service leave without salary December 16-20, 1963 and December 30, 1963 to January 3, 1964 on account of Bailey Hall closing

Pearl A Suomala General Staff Nurse University Health Service leave without salary January 21-31, 1964 on account of illness

Doris Carlson Clerk Professional Colleges Bookstore leave without salary December 17-31, 1963 on account of illness

Lucille A Anderson Clerk Coffman Union Bookstore leave without salary December 12-27, 1963 on account of illness

Ellen S Moberg Laundry Worker University Laundry continuation of leave without salary January 1-5, 1964 on account of illness

LeRoy T Boyer Engineer St Anthony Falls Hydraulic Laboratory Research Funds leave without salary January 23 to June 15, 1964 to attend school

Andrea R Twedt Senior Clerk-Typist School of Chemistry Research Funds leave without salary December 16, 1963 to January 3, 1964 on account of illness

Marian J Holmes Senior Laboratory Technician Entomology Fisheries and Wildlife Research Funds continuation of leave without salary December 25, 1963 to January 9, 1964 for travel in Europe

Virginia Belcher Statistician Medicine Research Funds leave without salary January 16-31, 1964 to work on a special study of diabetes in Baltimore Maryland

Judith A Graham Senior Clerk-Typist Medicine Research Funds leave without salary February 1 to March 31, 1964 on account of pregnancy

Marilyn J Palmer Junior Scientist Medicine Research Funds leave without salary December 26-31, 1963 on account of injury

Bonita R Siegal Senior Laboratory Technician Medicine Research Funds leave without salary January 1-31, 1964 on account of illness

Mary F Weinhold Senior Clerk-Typist Medicine Research Funds leave without salary December 23-31, 1963 for vacation

Michio Shimizu Laboratory Attendant Pathology Research Funds leave without salary January 16-31, 1964 for personal reasons

Elaine M Hohenadl Laboratory Technologist Surgery Research Funds leave without salary December 9, 1963 to March 31, 1964 on account of injury

Maxine W Winfield Senior Laboratory Technician Surgery Research Funds leave without salary January 6 to February 28, 1964 on account of pregnancy

Hattie J Gray Senior Laboratory Technician Radiology Research Funds 25% time leave without salary February 1 to March 31, 1964 and 100% time leave without salary April 1 to May 31, 1964 on account of pregnancy

Georgia L Gorian Electroencephalography Technician Psychiatry and Neurology Research Funds leave without salary January 7-13, 1964 on account of injury

#### SPRING QUARTER LEAVES

Voted to approve the following single quarter leaves:

Emil T. Andersen, Associate Professor, Horticulture, summer 1964, to study current research programs on stockscion relationships of fruit trees in the Eastern United States, Canada and Europe

John D. Donker, Professor, Dairy Husbandry, for (a) an investigation of the type and scope of dairy husbandry research among agricultural institutes of teaching and research in India, dissemination of such research, and impact on farming practice or (b) training in the use of the respiration chamber as this relates to the use of energy by dairy cattle

C. Gustav Hard, Associate Professor, Agricultural Extension Service, spring 1964, to study the production of nursery crops in short-season climates

Frederick G. Holdaway, Professor, Entomology, Fisheries and Wildlife, summer 1964, to attend second International Symposium on Pollination, twelfth International Congress of Entomology, England, visit centers of entomological research, Europe, India, Hawaii, California

Robert A. Phillips, Assistant Professor, Horticulture, summer 1964, to observe and study landscape and garden design and construction in England, France, Holland, Germany, Italy; consult with rose breeders

David C. Snetsinger, Assistant Professor, Poultry Science, winter 1964-65, to obtain training in the use of radioisotope techniques in animal nutritional studies

Charles W. Young, Associate Professor, Dairy Husbandry, fall 1964, for self-improvement for graduate teaching and increased knowledge for research, study J. Lush, Iowa State

Mykola H. Haydak, Professor, Entomology, Fisheries and Wildlife, fall 1964, for study of bee nutrition under Australian conditions

John B. Carlson, Associate Professor, Biology—Duluth, fall 1964, effects of Gamma-irradiation upon the floral development and embryogeny of *glycine* (soybean)

Joseph E. Duncan, Associate Professor, English—Duluth, spring 1965, to study *Paradise Lost* in relation to changing conceptions of the earthly paradise

Orazio Fumagalli, Associate Professor, Art—Duluth, fall 1964, for a study of contemporary art and its milieu

Robert C. Hart, Associate Professor, English—Duluth, winter or spring 1965, for a study of American drama

Henry Lepp, Professor, Geology—Duluth, fall 1964, for a geochemical study of the distribution of manganese on the Mesabi and Cuyuna Iron Ranges of Minnesota

James F. Maclear, Professor, History—Duluth, spring 1965, to study popular interpretations of history and millenium in seventeenth-century England

Hyman Berman, Associate Professor, History, spring 1965, on research for book re: the place of the worker and his institutions in American history

Mitchell V. Charnley, Professor, School of Journalism, spring 1965, to complete a study of magazine journalism in Italy, with emphasis on Italy's "magazines of actuality"

John W. Hall, Professor, Botany, fall 1964, for a study of certain Tertiary fossil megaspores and other fossil

Homer E. Mason, Associate Professor, Philosophy, winter 1964-1965, to complete a draft of monograph, study in ethics, *Moral Feelings*

Robert E. Moore, Professor, English, fall 1964, for research and study, England. Studies in English literature of the Restoration and Eighteenth Century in its relationships to the fine arts

Otto Pflanze, Professor, History, spring 1965, for research for Vol. II: Bismarck and the development of Germany

Philip W. Porter, Assistant Professor, Geography, fall 1964, for completions of monograph, East African farming and herding

Herman Ramras, Professor, German, fall 1964, for a study of *Goethe in the period of Faust II*

Timothy L. Smith, Associate Professor, History, winter 1965, to complete a study of the role of education among the immigrants in the Minnesota Iron Range towns

Sarah H. Youngblood, Assistant Professor, English, fall 1964, to complete *A Yeats Handbook*

D. Burnham Terrell, Associate Professor, Philosophy, fall 1964, for a study of Franz Brentano's unpublished manuscripts

Frank M. Whiting, Professor, Speech and Theatre Arts, fall 1964, to visit other members of the Ford Foundation's Theatre Communications Group

Henry A. Bent, Associate Professor, Chemistry, spring 1965, to study the role of the Pauli Principle in physics and chemistry

Preston E. Cloud, Jr., Professor, School of Earth Sciences, fall 1964, for the study of Precambrian life and environments

Edward Leete, Professor, Chemistry, spring 1965, for isolation of enzymes from plants

Robert S. Livingston, Professor, Chemistry, winter 1964-65, to complete manuscript of monograph on the photochemistry of polyatomic molecules

John S. Myers, Professor, School of Architecture, winter 1964-65, for architectural study and appraisal of clinical and related health facilities in provincial Mexico

Eugene P. Pfeider, Professor, School of Mineral and Metallurgical Engineering, spring 1965, for research in mineral economics and mine systems analysis

Herbert Jonas, Associate Professor, College of Pharmacy, spring 1964, for the study of quantitative methods in chemical pharmacognosy, plant collections in European medicinal plant gardens, graduate seminars in pharmacognosy

Ian W. Gregory, Associate Professor, Psychiatry, summer 1964, for relationships between loss of a parent and subsequent academic achievement, medical illness and psychopathology

Henry J. Griffiths, Professor, Veterinary Parasitology, summer 1964, to observe the teaching program of veterinary parasitology and veterinary medicine

Arnold F. Caswell, Associate Professor, Music Education, winter 1964-65, to complete research on "Men's and Women's Chorus Music in Germany: Material and Performance Practices"

George F. Weaton, Jr., Research Associate, School of Mines, winter 1964-65, to attend University of Arizona to study statistical analysis and computer operation as applicable to estimating ore reserves

Albert M. Fulton, Professor, General Extension Division, winter 1965, to study the methods employed by Australian universities to meet the needs and interests of the adult student

John S. Dahler, Professor, Chemical Engineering, spring 1964, to study molecular quantum mechanics at the University of Wisconsin Theoretical Chemistry Laboratory

#### CONTRACTS AND GRANTS

Voted to approve the following contracts and grants:

##### *U.S. Department of Agriculture*

Lake States Experiment Station, Contract No. 13-16, Amendment No. 1, revising the equipment rates for an indefinite period, Agricultural Experiment Station, filed supplement to the minutes, page 16,263

### *U.S. Atomic Energy Commission*

AT(11-1)-50, Modification No. 20, incorporating changes regarding "Title to Equipment," Physics, filed supplement to the minutes, page 16,264

AT(11-1)-1337, Modification No. 1, providing a three-month no cost extension for the period July 1, 1963 to March 31, 1964, Physics, filed supplement to the minutes, page 16,265

### *U.S. Civil Defense*

OCD-OS-63-204, Modification No. 1, providing an administrative change, General Extension Division, filed supplement to the minutes, page 16,266

### *U.S. Air Force*

AF 49(638)-190, Supplement No. 7, fixing the overhead rate for the period July 1, 1961 to May 31, 1962, Aeronautics and Engineering Mechanics Rosemount, filed supplement to the minutes, page 16,267

AF 49(638)-262, Supplement No. 5, fixing the overhead rates for the period June 1, 1958 through June 30, 1962, Mathematics, filed supplement to the minutes, page 16,268

AF-AFOSR-571-64, for research on Mathematical Theory of Control of Nonlinear Processes, allotting funds in the amount of \$35,100 for the period January 1, 1964 to December 31, 1965, application approved September 20, 1963, Electrical Engineering, filed supplement to the minutes, page 16,269

AF-AFOSR-570-64, for research on Anharmonic Potential Functions of Polyatomic Molecules, allotting funds in the amount of \$57,260 for the period January 1, 1964 to December 31, 1965, application approved January 11, 1963, Chemistry, filed supplement to the minutes, page 16,270

AF 49(638)-617, Supplement No. 5, fixing the overhead rate for the period July 1, 1961 to July 15, 1962, Mathematics, filed supplement to the minutes, page 16,271

AF 49(638)-857, Supplement No. 4, fixing the overhead rate for the period July 1, 1961 to June 30, 1962, Mathematics, filed supplement to the minutes, page 16,272

AF 49(638)-863, Supplement No. 4, fixing the overhead rate for the period July 1, 1961 to June 30, 1962, Mathematics, filed supplement to the minutes, page 16,273

AF 49(638)-885, Supplement No. 3, fixing the overhead rate for the period July 1, 1961 to July 14, 1962, Mathematics, filed supplement to the minutes, page 16,274

AF 33(615)-1122, for Fatigue and Creep-rupture Program, allotting funds in the amount of \$29,245 for the period December 15, 1963 to December 15, 1964, application approved May 10, 1963, Aeronautics and Engineering Mechanics, filed supplement to the minutes, page 16,275

### *U.S. Army*

DA-36-039-AMC-00028(E), Modification No. 4, fixing the overhead rates for the period July 1, 1960 through June 30, 1962, Electrical Engineering, filed supplement to the minutes, page 16,276

DA-18-064-404-CML-433(A), Amendment No. 13, providing a 120 day no-cost extension to May 31, 1964, Plant Pathology and Physiology, filed supplement to the minutes, page 16,277

DA-36-039-SC-85289, Modification No. 7, fixing the overhead rates for the period July 1, 1960 through June 30, 1962, Electrical Engineering, filed supplement to the minutes, page 16,278

DA-36-039-SC-85374, Modification No. 4, providing administrative change to Modification No. 1 for the period July 1, 1960 through October 15, 1963, Electrical Engineering, filed supplement to the minutes, page 16,279

DA-49-007-MD-592, Modification No. 23, providing provisional overhead rate, effective July 1, 1963, Medicine, filed supplement to the minutes, page 16,280

DA-49-007-MD-971, Modification No. 13, providing provisional overhead rate, effective July 1, 1963, Pediatrics, filed supplement to the minutes, page 16,281

DA-49-007-MD-972, Modification No. 13, providing provisional overhead rate, effective July 1, 1963, Pediatrics, filed supplement to the minutes, page 16,282

DA-49-193-MD-2015, Modification No. 11, providing provisional overhead rate, effective July 1, 1963, Institute of Child Development, filed supplement to the minutes, page 16,283

DA-49-193-MD-2296, Modification No. 2, providing provisional overhead rate, effective July 1, 1963, Medicine, filed supplement to the minutes, page 16,284

DA-49-193-MD-2366, Modification No. 2, providing provisional overhead rate, effective July 1, 1963, Biochemistry, filed supplement to the minutes, page 16,285

DA-49-193-MD-2539, for Studies on the Treatment of Shock Based Upon Physiological Principles, allotting funds in the amount of \$48,276 for the period January 1, 1964 to December 31, 1964, application approved on July 12, 1963, Surgery, filed supplement to the minutes, page 16,286

#### *U.S. Navy*

Nonr-710(00), Amendment No. 26, providing for administrative change, filed supplement to the minutes, page 16,286A Blanket Supplemental Agreement fixing the overhead rate at 44% for the period July 1, 1962 through June 30, 1962 and providing a provisional rate of 44% for the period July 1, 1962 through June 30, 1963:

Nonr-710(34), Amendment No. 6, Physics, filed supplement to the minutes, page 16,287

Nonr-710(35), Amendment No. 5, Botany, filed supplement to the minutes, page 16,288

Nonr-710(36), Amendment No. 4, Microbiology, filed supplement to the minutes, page 16,289

Nonr-710(37), Amendment No. 3, Electrical Engineering, filed supplement to the minutes, page 16,290

Nonr-710(40), Amendment No. 5, Aeronautics and Engineering Mechanics, filed supplement to the minutes, page 16,291

Nonr-710(42), Amendment No. 5, St. Anthony Falls Hydraulic Laboratory, filed supplement to the minutes, page 16,292

Nonr-710(43), Amendment No. 5, St. Anthony Falls Hydraulic Laboratory, filed supplement to the minutes, page 16,293

Nonr-710(45), Amendment No. 3, Aeronautics and Engineering Mechanics, filed supplement to the minutes, page 16,294

#### *U.S. National Aeronautics and Space Administration*

NASr-148, Amendment No. 1, providing funds in the amount of \$14,653 for the period October 1, 1963 to September 30, 1964, application approved September 20, 1963, Director, Public Administration Center, filed supplement to the minutes, page 16,295

NAS-5-3096, Modification No. 3, changing the shipping instructions, Physics, filed supplement to the minutes, page 16,296

### *National Science Foundation*

GB-1912, for research on Unconditional Aggressive Behavior, allotting funds in the amount of \$15,200, Psychiatry and Neurology, filed supplement to the minutes, page 16,297

GE-2973, for Summer Institute in Radiation Biology, allotting funds in the amount of \$14,500, Veterinary Medicine, filed supplement to the minutes, page 16,298

GE-3472, for Summer Institute in Basic Genetics Concepts, allotting funds in the amount of \$25,000, Animal Husbandry, filed supplement to the minutes, page 16,299

GE-3579, for Summer Institute in Chemistry, Physics, and Mathematics—1964, allotting funds in the amount of \$116,800, Institute of Technology, filed supplement to the minutes, page 16,300

GE-3630, for Cooperative College-School Science Program, allotting funds in the amount of \$22,570, Mathematics (Institute of Technology), filed supplement to the minutes, page 16,301

GE-3848, for Filming of a Geometry Course, allotting funds in the amount of \$208,000, Minnesota School Mathematics Center, filed supplement to the minutes, page 16,302

GP-1936, for research on Stereochemistry of Coordination Compounds, allotting funds in the amount of \$20,900, Chemistry, filed supplement to the minutes, page 16,303

GP-2144, for Construction of Sound Absorption Apparatus, allotting funds in the amount of \$6,800, Chemistry, filed supplement to the minutes, page 16,304

GP-2360, for research on Ultramicrowave Radiation allotting funds in the amount of \$69,300, Electrical Engineering, filed supplement to the minutes, page 16,305

### *U.S. Office of Education*

Letter Contract for Summer Foreign Language Institute, 1964 allotting funds in the amount of \$112,938 for the period December 23, 1963 to October 31, 1964, German Department, filed supplement to the minutes, page 16,306

### *U.S. Peace Corps*

PC-(W)-185, Supplemental Agreement No. 3, revising the estimated cost from \$412,826 to \$460,458, Agricultural Extension, filed supplement to the minutes, page 16,307

### *U.S. State Department*

SCC-40210, for Three Week Seminar for Ten Chilean Teachers of English, allotting funds in the amount of \$2,990 for the period January 7, 1964 to February 15, 1964, International Programs, filed supplement to the minutes, page 16,308

### *U.S. Public Health Service*

AI-02471-06, renewal of research on Antibodies in Brucellosis, allotting funds in the amount of \$19,332, Veterans Hospital

AI-04415-03, renewal of research on Endotoxin Shock, allotting funds in the amount of \$47,196, Medicine

AI-04479-03, renewal of research on Protein Synthesis Following Bacteriophage Infection, allotting funds in the amount of \$12,987, Biochemistry

A1-05153-02, renewal of Electron Microscopic Studies—Immune Response, allotting funds in the amount of \$21,858, Pediatrics

AI-05303-02, renewal of research on Tritiated Endotoxin, allotting funds in the amount of \$9,836, Pathology

AI-(5-K3)-10,109-03, renewal of research on Staphylococcal Diseases, allotting funds in the amount of \$17,743, Pediatrics

AI-(2-K3)-22,379-01, for research on Pathogenic Bovine Enteroviruses, allotting funds in the amount of \$11,128, Microbiology, filed supplement to the minutes, page 16,309

AM-02583-06, renewal of research on Metabolism of Steroid Hormones, allotting funds in the amount of \$12,215, Biochemistry

AM-04524-04, renewal of Dietary Requirements of Polyunsaturated Fatty Acids, allotting funds in the amount of \$35,532, Hormel Institute

AM-04942-04, renewal of research on Influence of Dietary Fat on Glyceride Structure, allotting funds in the amount of \$39,082, Hormel Institute

AM-05689-02S1, renewal of research on Gastric Secretions and Healing of Duodenal Ulcers, allotting funds in the amount of \$25,118, Surgery

AM-06049-03, renewal of Diabetes Literature Retrieval Project, allotting funds in the amount of \$104,501, Anatomy

AM-06687-02, renewal of research on Thymectomy and Immune Functions in Dogs, allotting funds in the amount of \$29,299, Surgery

AM-07173-02, renewal of research in Universal Tolerance in Adult Radiation Chimeras, allotting funds in the amount of \$15,344, Surgery

AP-00090-06, renewal of research on Air Pollution and Allergic Disease, allotting funds in the amount of \$41,708, School of Public Health

DE-02035-01, research on Mucous Salivary Gland, allotting funds in the amount of \$28,185, Pediatrics, filed supplement to the minutes, page 16,310

EF-00134-04, renewal of research on Destruction of Staphylococci in Cheese Milk, allotting funds in the amount of \$13,529, Dairy Industries

(1-S01) FR-05322-01, renewal of General Research Support—Dentistry—(Control Account), allotting funds in the amount of \$47,164, Dentistry

(1-S01) FR-05385-01, renewal of General Research Support—Medical School, allotting funds in the amount of \$271,152, Medical Sciences

(1-S01) FR-05448-01, renewal of General Research Support—Public Health, allotting funds in the amount of \$69,036, School of Public Health

(1-S01) FR-05461-01, renewal of General Research Support—Veterinary Medicine, allotting funds in the amount of \$70,686, Veterinary Medicine

GM-07917-04, renewal of research on Inclusion Association and Rotatory Dispersion, allotting funds in the amount of \$9,858, Hormel Institute

GM-08394-04, renewal of research on Rare Earth Complexes of Biological Interest, allotting funds in the amount of \$20,780, Chemistry, Duluth

GM-08412-04, renewal of Studies on the Structure of Natural Membranes, allotting funds in the amount of \$16,640, Biochemistry

GM-09293-03, renewal of research on Enzymes in Structural Carbohydrate Chemistry, allotting funds in the amount of \$47,636, Agricultural Biochemistry

5-F1-GM-10,505-05, renewal of predoctoral fellowship—Loewenson, allotting funds in the amount of \$5,700, Graduate School

GM-10969-04, renewal of research on Instrumentation Development—Quantitative Histochemistry, allotting funds in the amount of \$74,942, Anatomy

GM-11710-01S1, renewal of research on Tryptophan Metabolism, allotting funds in the amount of \$20,149, Agricultural Biochemistry

GM-15,000-02, renewal of research on Amino Acid and Protein Determination in Uterine Fluids, allotting funds in the amount of \$500, Dairy Husbandry



GM-16,484-02, renewal of research on Post Operative Physiological Variants, allotting funds in the amount of \$500, Surgery

GM-16,514-02, renewal of research on Individual Gastric Cell Types, allotting funds in the amount of \$500, Surgery

5-F1-GM-16,532-02, renewal of Predoctoral Fellowship—Morean, allotting funds in the amount of \$4,500, Graduate School

HD-00521-04, renewal of Studies on Congenital Defects in Folic Acid Deficiency, allotting funds in the amount of \$8,640, Home Economics

HD-00412-08, renewal of research on Fetal Endocrinology, allotting funds in the amount of \$33,327, Anatomy

HE-01584-11, renewal of research on Actomycin, allotting funds in the amount of \$31,388, Laboratory Medicine

HE-01730-11, renewal of Development of Swine for Use in Research, allotting funds in the amount of \$41,644, Animal Husbandry

HE-02008-10, renewal of research on Chemical Composition of Arteries, allotting funds in the amount of \$63,961, Medicine

HE-03115-08, renewal of Cardiovascular Research Laboratory, allotting funds in the amount of \$31,450, Surgery

HE-03559-07, renewal of research on Separation of Fatty Acids, allotting funds in the amount of \$58,891, Hormel Institute

HE-03680-06, renewal of research on Oscillatory Flow, allotting funds in the amount of \$17,500, Aeronautical Engineering and Physiology

HE-04177-06, renewal of research on Dissecting Aneurysm, allotting funds in the amount of \$41,036, Poultry Science

HE-05735-04, renewal of research on Analyses of Component Triglycerides and Phospholipids, allotting funds in the amount of \$19,720, Hormel Institute

HE-06881-03, renewal of research on Azygos System in Portal Hypertension, allotting funds in the amount of \$17,702, Medicine

HE-08560-01, research on Intra-Alveolar Treatment of Pulmonary Disease, allotting funds in the amount of \$14,274, Internal Medicine, filed supplement to the minutes, page 16,311

HE-08570-01, research on Pharmacologic and Reflex Influence Upon Vascular Tone, allotting funds in the amount of \$22,958, Pharmacology, filed supplement to the minutes, page 16,312

MH-04306-04S1, renewal of Preservation of a Research Source for Follow-up, allotting funds in the amount of \$13,500, Psychiatry and Sociology

MH-06293-02, research on Nature of the Need for Cognition, amended, decreasing the original grant amount by the sum of \$9,162, Psychology

MH-07697-02, renewal of research on Rapid Test for Narcotic Excretion, allotting funds in the amount of \$8,160, Pharmacology

NB-02358-07, supplementary to Cerebral Palsy and Related Nervous System, allotting funds in the amount of \$35,057, Pediatrics

NB-03364-03, supplementary to Neurological Research Center—Cerebrovascular Disease, allotting funds in the amount of \$3,680, Psychiatry and Neurology

NB-05015-01, research on Glucose and Amino Acid Oxidation in Immature Brain, allotting funds in the amount of \$11,539, Neurology, filed supplement to the minutes, page 16,313

NB-05052-01, research on Lipid Metabolism in Experimental Demyelination, allotting funds in the amount of \$22,760, Neurology, filed supplement to the minutes, page 16,314

NB-05145-01, Symposium on the Lens, allotting funds in the amount of \$25,854, Ophthalmology, filed supplement to the minutes, page 16,315

#### *State of Minnesota*

53944, Agreement on Development of Ground Covers for Highway Slopes, allotting funds in the amount of \$18,000 for the period January 1.

1964 through December 31, 1964, Horticultural Science, filed supplement to the minutes, page 16,316

#### Instruction Contracts

U.S. Navy, Personnel, N600(22)61216, reflecting administrative change, filed supplement to the minutes, page 16,317

#### Nongovernmental Research

American Chemical Society, for research on Complex Formation of Copper (II) in Acetonitrile, allotting funds in the amount of \$10,600, Chemistry, filed supplement to the minutes, page 16,318

American Chemical Society, for research on Mechanisms of Rock Deformation and Failure, allotting funds in the amount of \$20,000, Mineral and Metallurgical Engineering, filed supplement to the minutes, page 16,319

Archer-Daniels-Midland Company, for renewal of research on Coated Slow-release Fertilizers, allotting funds in the amount of \$3,500, Soil Science  
Cargill Foundation Hypertension Fund, allotting additional funds in the amount of \$1,500, Medicine

Institute of Life Insurance Research Fund for Automating the Minnesota Inventory of Research in Marriage and Family Behavior, allotting funds in the amount of \$20,017, Family Study Center, filed supplement to the minutes, page 16,320

Eli Lilly for renewal of Research Penicillin and other Antibiotics in Infectious Diseases, allotting funds in the amount of \$9,720, Veterans Hospital—Medicine

Minneapolis-St. Paul Sanitary District providing one year extension, allotting funds in the amount of \$18,000, Civil Engineering, filed supplement to the minutes, page 16,321

Minnesota Association for Mental Health for renewal of Fellowship in Psychiatry, allotting funds in the amount of \$7,188, Psychiatry

Minnesota Dental Foundation for research on Reason for Loss of Human Teeth, allotting funds in the amount of \$2,275.53, Dentistry, filed supplement to the minutes, page 16,322

Minnesota Tuberculosis and Health Association for Pulmonary Disease Research, allotting funds in the amount of \$100,000, Internal Medicine, filed supplement to the minutes, page 16,323

Minnesota Tuberculosis and Health Association for research on Shaking Incubator, allotting funds in the amount of \$2,200, Veterans Hospital—Medicine, filed supplement to the minutes, page 16,324

Minnesota Tuberculosis and Health Association, renewal of research on Silicone Rubber Implants in Pleural Cavities and Extraperiosteal Tissues, allotting funds in the amount of \$3,500, Surgery

National Dairy Council, for research on Fatty Acids Present in Milk Fat and Requirement for Essential Fatty Acids, allotting funds in the amount of \$9,000, Hormel Institute, filed supplement to the minutes, page 16,325

National Turkey Federation, for research on Genetics of Photoperiod Response in Turkeys, allotting funds in the amount of \$1,000, Poultry Husbandry, filed supplement to the minutes, page 16,326

National Turkey Federation, for renewal of research on Airsacculitis of Turkeys, allotting funds in the amount of \$10,000, Veterinary Medicine

Princeton University, for studies on Micro-Economics of Technological Change and Economic Growth, allotting funds in the amount of \$5,900, Economics, filed supplement to the minutes, page 16,327

Research to Prevent Blindness, Inc., for renewal of Research on Blindness, allotting funds in the amount of \$5,000, Ophthalmology

G. T. Schjeldahl Company, P.O. No. 61304, for Parachute Wind Tunnel Studies, allotting funds in the amount of \$4,819.73, Aeronautics and Engineering Mechanics, filed supplement to the minutes, page 16,328

Sears-Roebuck Foundation, for Studies on Employment Opportunities for Home Economists, allotting funds in the amount of \$2,300, Home Economics, filed supplement to the minutes, page 16,329

Sugarbeet Growers' Association, Inc., for Sugarbeet Growers' Research Fund, allotting funds in the amount of \$1,900, Northwest School and Experiment Station, filed supplement to the minutes, page 16,330

## GIFTS

Voted to accept with thanks the following gifts:

### Research

Donor	E. I. DuPont De Nemours & Company Incorporated
Amount	\$10,000.00
Fund	E. I. DuPont De Nemours & Company Incorporated, Fundamental Research in Chemistry
Donor	Minnesota Tuberculosis and Health Association
Amount	\$7,500.00
Fund	H. Longstreet Taylor Tuberculosis Research Fund
Donor	Elsa U. Pardee Foundation
Amount	\$7,500.00
Fund	Pardee Foundation Professorship
Donors	Various
Amount	\$5,025.00
Fund	Radiation Therapy, Cancer Research Fund
Donor	E. I. DuPont De Nemours & Company Incorporated
Amount	\$5,000.00
Fund	E. I. DuPont De Nemours & Company Incorporated, Fundamental Research in Mechanical Engineering
Donors	Various
Amount	\$4,630.52
Fund	Merrill M. Cohen Memorial Fund in Business Ethics
Donors	Various
Amount	\$4,143.39
Fund	Fund for Research in Cancer
Donors	Various
Amount	\$4,011.79
Fund	Heart Disease Research
Donor	Estate of Arthur J. Bethke
Amount	\$3,914.25
Fund	Fund for Research in Cancer (\$1,957.13) Heart Disease Research (\$1,957.12)
Donors	Various
Amount	\$2,500.00
Fund	Flora L. Rosenblatt Cancer Memorial Fund

Donor	Mrs. Mary Louise McGee
Amount	\$1,688.19
Fund	Lyle A. French Fund for Neurosurgical Research
Donor	Mr. Guy Woolford
Amount	\$1,000.00
Fund	Anthony Barnett Fund, Cardiovascular Research
Donor	Milbank Memorial Fund
Amount	\$1,000.00
Fund	Milbank Memorial Fund Travel Grant
Purpose	To establish a travel grant in the School of Public Health under which Mr. Gary L. Filerman will be traveling to Chile in accordance with the statement filed supplement to the minutes, page 16,331
Donor	Lyle A. French, M.D.
Amount	\$1,000.00
Fund	Neuro-Communication Disorders Fund
Purpose	To support research in disorder of communication in accordance with the statement filed supplement to the minutes, page 16,332
Donors	Various
Amount	\$754.53
Fund	Nervous and Mental Diseases Research
Donor	Freehling and Company
Amount	\$449.58
Fund	Louis Weinberg Jr., Research in Liver Disease
Donors	Various
Amount	\$271.00
Fund	Department of Medicine, Cancer Research
Donors	Various
Amount	\$265.00
Fund	Horticulture Research
Donor	Mr. & Mrs. George V. Stennes
Amount	\$100.00
Fund	J. Arthur Myers Research Fund
Donors	Various
Amount	\$90.00
Fund	John H. Briggs Porphyrin Research Fund
Donor	Lake Minnetonka Kennel Club
Amount	\$65.00
Fund	Research on Canine Diseases
Donor	Mr. & Mrs. Gordon Skogstad
Amount	\$40.00
Fund	Specific Diseases Research Fund (Diabetes)
Donor	Mildred I. Watson
Amount	\$20.00
Fund	Fred F. Florence Research Fund in Liver Disease

### Scholarships, Fellowships, Prizes and Awards

Donor	Miss Mary K. Shepardson
Amount	\$7,000.00
Fund	George Defrees Shepardson Memorial Electrical Engineering Loan Fund
Donor	Mrs. Maurice L Rothschild
Amount	\$6,011.86
Fund	Maurice L Rothschild Scholarship
Donor	E. I. DuPont De Nemours & Company Incorporated
Amount	\$5,000.00
Fund	E. I. DuPont De Nemours & Company Incorporated, Fellowship in Chemical Engineering
Donors	Various
Amount	\$3,882.17
Fund	All-University Scholarship Fund
Donor	Minnesota Association for Mental Health
Amount	\$3,594.00
Fund	Minnesota Association for Mental Health, Fellowship in Psychiatry
Donors	Various
Amount	\$3,584.00
Fund	North Star Scholarship
Donor	Reserve Mining Company
Amount	\$3,500.00
Fund	Reserve Mining Company Fellowship
Donor	Lewis and Annie F. Paper Foundation
Amount	\$3,000.00
Fund	Lewis and Annie F. Paper Foundation, Fellowship in Advanced Study of Proctology
Donor	Minneapolis Gas Company
Amount	\$3,000.00
Fund	Minneapolis Gas Company Engineering Scholarship
Donors	Various
Amount	\$2,555.00
Fund	Duluth Campus Scholarship
Donor	Estate of Gertrude M. Harrington
Amount	\$1,657.33
Fund	Dr. Charles Daniel Harrington Endowment
Donors	Various
Amount	\$1,518.00
Fund	Foreign Student Emergency Aid and Scholarship
Donor	Borden Company Foundation
Amount	\$1,500.00
Fund	Borden Home Economics Scholarship Award
Donors	Various
Amount	\$1,421.50
Fund	Law Firm Scholarship

Donor Amount Fund	Minnesota Student Association \$1,150.00 University of Minnesota International Exchange Scholarship
Donor Amount Fund	General Mills Foundation \$1,000.00 Bell Fellowships for Study of North American Wild Fowl
Donor Amount Fund	Price Waterhouse Foundation \$1,000.00 Price Waterhouse Foundation, Graduate Fellowship in Accounting
Donor Amount Fund Purpose	WDSM and WDSM-TV, Duluth \$1,000.00 Victor F. Ridder Scholarship To establish a scholarship program at the University of Minnesota, Duluth, in accordance with the statement filed supplement to the minutes, page 16,333
Donor Amount Fund Purpose	Mrs. G. W. Patton \$1,000.00 George William Patton Memorial Scholarship To establish a scholarship fund to assist graduate students specializing in the field of music in accordance with the statement filed supplement to the minutes, page 16,334
Donors Amount Fund	Various \$884.50 Norwegian American Graduate Fellowship
Donors Amount Fund	Various \$800.00 Ben M. Cohen College of Pharmacy Scholarship
Donor Amount Fund	WLOL Radio \$700.00 WLOL Broadcasting Scholarship
Donor Amount Fund	Minnesota Recreation Association Incorporated \$500.00 Minnesota Recreation Association Scholarship
Donor Amount Fund	Minnesota Lathing and Plastering Bureau \$500.00 Lathing and Plastering Bureau Scholarship
Donors Amount Fund	Various \$385.00 National Society of Colonial Dames of America in the State of Minnesota Scholarship
Donor Amount Fund	Hancock State Bank \$300.00 General Scholarship Fund, University of Minnesota, Morris
Donor Amount Fund	Crossley Associates, Incorporated \$300.00 Crossley Associates, Incorporated Scholarship

Donor	Osco Drug Incorporated
Amount	\$250.00
Fund	Osco Drug Incorporated Scholarship
Purpose	To establish a scholarship fund to assist students enrolled in the College of Pharmacy or students enrolled in other departments for the pre-pharmacy years in accordance with the statement filed supplement to the minutes, page 16,335
Donors	Various
Amount	\$150.00
Fund	University Theatre Scholarship
Donor	United Cerebral Palsy Research and Educational Foundation
Amount	\$114.00
Fund	United Cerebral Palsy Scholarship
Donor	Mr. Gerald T. Mullin
Amount	\$100.00
Fund	Jacob G. Cohen Loan Fund for Interns
Donor	C. O. Robinson, M.D.
Amount	\$100.00
Fund	Craig Hallum Robinson Memorial Scholarship
Donor	Minneapolis Chapter American Society of Tool Engineers
Amount	\$100.00
Fund	Minneapolis Chapter American Society of Tool Engineers Scholarship
Donor	Bend-Southall-McBratnie Company
Amount	\$100.00
Fund	Bend-Southall-McBratnie Scholarship
Donor	University of Minnesota Band Alumni Association
Amount	\$55.00
Fund	University of Minnesota Alumni Band Scholarship
Donor	Twentieth Century Club
Amount	\$50.00
Fund	Student Emergency Loan Fund, Duluth
Donors	Various
Amount	\$36.50
Fund	Lura C. Hutchinson Scholarship
Donor	Woman's Club of Richfield
Amount	\$25.00
Fund	Woman's Club of Richfield Loan Fund
Donor	Mr. Harold S. Nelson
Amount	\$20.00
Fund	Agriculture Barter for College Loan Fund, University of Minnesota, Morris (\$16.00)
Fund	Agriculture Barter for College Scholarship Fund, University of Minnesota, Morris (\$4.00)
Donor	Mrs. Harold Lynch
Amount	\$15.00
Fund	Anna M. Jones Memorial Loan Fund
Donors	Various
Amount	\$10.00
Fund	Sidney J. Kaplan Memorial Scholarship Fund

### Miscellaneous

Donor	Variety Club of the Northwest
Amount	\$65,000.00
Fund	Variety Club Indigent Patient Care Fund (\$10,000.00) Variety Club Heart Hospital Building Fund (\$55,000.00)
Donor	Foreign Area Fellowship Program
Amount	\$40,000.00
Fund	Foreign Area Fellowship Program, U.S.-Latin American Faculty Exchange Program
Donor	Marshall W. Alworth
Amount	\$27,500.00
Fund	The Marshall and Margaret Alworth Endowment Fund
Donors	Various
Amount	\$10,571.18
Fund	Diehl Hall Medical Library
Donor	Louis W. and Maud Hill Family Foundation
Amount	\$10,000.00
Fund	Louis W. and Maud Hill Family Foundation, Minnesota-Dakotas Assembly Project
Purpose	To support two Minnesota-Dakotas assemblies in cooperation with the American Assembly in accordance with the statement filed supplement to the minutes, page 16,336
Donor	Smith, Kline and French Laboratories
Amount	\$8,500.00
Fund	Jackson-Owre Addition
Donors	Various
Amount	\$7,500.00
Fund	Diehl Hall Medical Research Facilities
Donor	National Fund for Graduate Nursing Education
Amount	\$4,766.52
Fund	National Fund for Graduate Nursing Education
Donor	Mr. Thomas O. Heggen
Amount	\$4,000.00
Fund	Thomas Heggen Memorial Library
Donors	Various
Amount	\$3,794.71
Fund	Variety Club Heart Hospital Equipment Fund
Donor	Mr. Paul J. Sundberg
Amount	\$2,835.26
Fund	Diehl Hall Animal Research Facilities
Donor	Anonymous
Amount	\$1,781.23
Fund	Geology Service Fund
Donors	Various
Amount	\$669.45
Fund	McQuarrie Pediatric Fund
Donors	Various
Amount	\$409.00
Fund	Masonic Memorial Hospital Equipment



Donor	Saudi Arabian Educational Fund
Amount	\$400.00
Fund	Duluth Foreign Student Development Fund
Donors	Various
Amount	\$106.91
Fund	Medical School General Purpose Fund
Donors	Various
Amount	\$60.00
Fund	Van Steenwyk Memorial Fund
Donor	Norman O. Holte, D.D.S.
Amount	\$50.00
Fund	Oral Surgery Service Fund
Donor	Mrs. Rose Swirnoff
Amount	\$5.00
Fund	Dr. J. S. Blumenthal Lecture Fund
Donor	KSTP
Gift	Various pieces of television equipment with an approximate evaluation of \$5,000.00
Donor	Minnesota Mining Company
Gift	Various "Thermo-Fax" visual communication products awarded to the College of Education. These products are valued at approximately \$3,000.00
Donor	Medals and Controls Incorporated, a corporate division of Texas Instruments Incorporated
Gift	Forty circuit breakers, given to the Department of Electrical Engineering, with an evaluation of \$659.20
Donor	Professor Edward S. Bade
Gift	A reference work entitled, "Moses with a Hand Lense and Microscope," complete in five parts by A. J. Grout, given to the Department of Botany. The retail value of this book when it can be obtained on the market is about \$25
Donors	Various
Gifts	During the period October 1, 1963 through December 31, 1963, the University Library received 260 donations from 228 donors, totaling 16,234 items
Donor	Mr. and Mrs. Larry Benson
Gift	A television set, given to the Variety Club Heart Hospital in memory of Alma Half

#### NONCAMPUS SERVICE

Voted to approve the following requests for noncampus service:

##### *Administration*

Theodore E. Kellogg, Associate Professor and Admissions Officer, Office of Admissions and Records, to serve as a consultant to the National Merit Scholarship Corporation, Evanston, Illinois, from January 21 to January 24, 1964

### *College of Education*

Donald H. Blocher, Associate Professor, Department of Educational Psychology, to serve as a consultant to Minneapolis Veterans Administration Hospital, January 1 to December 31, 1964

### *College of Liberal Arts*

E. W. McDiarmid, Professor, Library School, to serve as a consultant to the Ford Foundation, New York, New York, from February 28 to March 14, 1964

### *College of Medical Sciences*

Travis Irving Thompson, Assistant Professor, Department of Psychiatry and Neurology, to serve as a consultant to the North Star Research and Development Institute, Minneapolis, Minnesota, from January to December, 1964

### *General College*

Fred Amram, Instructor, to give 4 two-hour lectures on Group Dynamics for the Minneapolis Junior League from February 18 to March 10, 1964

Frank T. Benson, Assistant Professor, to design and teach a seminar on Logic and Mathematics for the General Extension Division, University of Minnesota, spring quarter 1964

### *General Extension Division*

Sheldon Goldstein, Assistant Professor and Assistant Director, Department of Radio and Television, to serve as an interviewer for a series of weekly fifteen minute radio programs featuring members of the acting and production company of the Tyrone Guthrie Theatre, for WLOL-FM, Minneapolis, Minnesota, from May 4 to October 12, 1964

### *Institute of Technology*

Wayland E. Noland, Professor, Department of Organic Chemistry, to serve as a consultant to the Sun Oil Company, Marcus Hook, Pennsylvania, from January 1 to December 31, 1964

John H. Park, Jr., Associate Professor, Department of Electrical Engineering, to serve as a consultant to Remington Rand Univac, from January 1 to June 15, 1964

### *School of Business Administration*

Paul V. Grambsch, Dean and Professor, to serve as a member of the Board of Directors of the Northwest Growth Fund, Incorporated, Minneapolis, Minnesota, from January 15, 1964 to indefinite

### *University Health Service*

George S. Michaelsen, Professor and Director, Division of Environmental Health and Safety, to serve as a consultant to the G. T. Schjeldahl Company, Northfield, Minnesota, from February to July, 1964

*University of Minnesota, Duluth*

John F. Helling, Assistant Professor, Department of Secondary Education, to serve as a consultant to the Bureau of Field Studies and Surveys, University of Minnesota, Minneapolis, Minnesota, from February 1 to April 1, 1964

James R. Murphy, Associate Professor, Department of Music, to participate in band clinics as follows: Richfield Public Schools, Richfield, Minnesota, on January 27, 1964, West Texas All-Regional Band at Odessa, Texas, from January 9 to January 12, 1964, and the University of Iowa annual band clinic, University of Iowa, Iowa City, Iowa, from January 17 to January 19, 1964

**CIVIL SERVICE CHANGES**

At the request of the Civil Service Committee and on the recommendation of the Vice President, Business Administration, and the President, voted to approve the following Civil Service changes:

*Establishment of Classes*

- 5351 Dental Equipment Mechanic, at pay range 20, \$416-506, with the regular vacation allowance and a six-month probationary period, effective September 1, 1963
- 5239 Central Duplicating Services Supervisor, at pay range 23, \$468-569, with the regular vacation allowance and a one-year probationary period, effective January 16, 1964

**STUDENT TEACHING AGREEMENTS**

At the request of the Acting Dean of the College of Education, and on the recommendation of the Vice President, Business Administration, and the President, voted to approve agreements covering student teaching at the following schools:

Independent School District No. 324, Jackson County, Minnesota, filed supplement to the minutes, page 16,337

Independent School District No. 599, Polk County, Minnesota, filed supplement to the minutes, page 16,338

Osakis Independent School District No. 213, Douglas County, Minnesota, filed supplement to the minutes, page 16,339

Mapleton Independent School District No. 72, Blue Earth County, Minnesota, filed supplement to the minutes, page 16,340

**SCHOOL SURVEY AGREEMENTS**

At the request of the Acting Dean of the College of Education, and on the recommendation of the Vice President, Business Administration, and the President, voted to approve agreements for school surveys to be conducted by the Bureau of Field Studies and Surveys, at the following schools:

Independent School District No. 614, Starbuck, Minnesota, filed supplement to the minutes, page 16,341

Special School District No. 3, Duluth, Minnesota, filed supplement to the minutes, page 16,342

Independent School District No. 281, Robbinsdale, Minnesota, filed supplement to the minutes, page 16,343

#### EVENING GRADUATE SCHOOL PROGRAM

Voted, on the recommendation of the Vice President, Business Administration, and the President, to approve an agreement with the Mayo Clinic covering students in the Electrical Engineering Evening Graduate Program. Term of agreement to be three years, filed supplement to the minutes, page 16,344.

#### CONTRACT WITH BOARD OF EDUCATION OF THE CITY OF ST. PAUL

At the request of the Acting Dean of the College of Education and on the recommendation of the Vice President, Business Administration, and the President, voted to approve a contract for studies relating to the educational, financial, and school plant programs with the Board of Education of the City of St. Paul, filed supplement to the minutes, page 16,345.

#### PATENT ASSIGNMENT

The Vice President, Business Administration, reported for the information of the Board, the receipt of an assignment conveying title to the following Patent Application, filed supplement to the minutes, page 16,346:

Application of: Perry L. Blackshear, et al  
Serial No.: 323,780  
Filing Date: November 14, 1963  
Title: HEAT SENSING PROBE AND PROCESS

#### TENURE CODE EXCEPTIONS

Voted, on the recommendation of the Vice President, Academic Administration, and the President, to continue the services of the following instructors for the academic year 1964-65, under Section 7 of the Faculty Tenure Regulations:

David L. Giese, General College  
John Schlotthauer, Veterinary Pathology and Parasitology, College of Veterinary Medicine  
Niles Jefferson, General College  
Austin B. Caswell, Jr., General College

## MEMBERSHIPS

Voted, on the recommendation of the Vice President, Business Administration, and the President, to approve the following memberships involving dues of more than \$75:

National Association of College and University Business Officers .....	\$ 750.00
American Hospital Association .....	1,911.13
	(Increased from \$1,828.88)
Minnesota Hospital Association .....	1,146.68
	(Increased from \$823.00)
National Association of Educational Broadcasters .....	200.00
	(Increased from \$150.00)

## DEGREES

Voted to approve the list of candidates for degrees on the Minneapolis Campus, December 14, 1963, as recommended by the faculties and certified by the Dean of Admissions and Records, filed supplement to the minutes, page 16,347

## APPLICATIONS FOR CONTRACTS AND GRANTS

Voted to approve applications for contracts and grants totaling \$5,368,132.54; list filed supplement to the minutes, page 16,348.

## APPOINTMENT OF REGENT HEANEY

The Chairman administered the oath of office to Regent Gerald W. Heaney, who was appointed by Governor Rolvaag to replace Regent A. J. Olson. Certificate of appointment filed supplement to the minutes, page 16,349.

## RESIGNATION OF REGENT OLSON

The Chairman called attention to the fact that Regent A. J. Olson submitted his resignation as regent to Governor Karl Rolvaag, effective January 13, 1964.

Voted to award the Regents' Certificate of Merit to Mr. A. J. Olson in recognition of his long and devoted service as a member of the Board of Regents.

## AMENDMENT TO REGENTS CALENDAR

Voted, on the recommendation of the President, to amend the calendar of meetings for 1963-64 to change the location of the meeting of May 8, 1964 from Rochester, Minnesota to the Regents' Room, 238 Morrill Hall.

#### TRUST ACCOUNT, NICK SHOPE

The Vice President, Business Administration, outlined for the information of the Board, the terms of a trust agreement between Mr. Nick Shope and the Northwestern National Bank of St. Paul, under which the Masonic Memorial Hospital of the University is named as residual beneficiary. The Board voted to accept the conditions of the trust as stated in the trust agreement.

#### ALBERT P. KROST BEQUEST

Voted, on the recommendation of the Vice President, Business Administration, and the President, to accept the gift of \$10,000 under the will of Clara B. Krost and to establish the Albert P. Krost Loan Fund for the purpose of using these funds to grant loans to worthy students in the Law School.

Voted further, to approve the condition that loans made on the Albert P. Krost Loan Fund are to be interest free while the student is in school and carry the usual interest rate after the student leaves school.

#### GIFT OF MRS. ALICE TWEED TUOHY

Voted, on the recommendation of the Vice President, Business Administration, and the President, to accept a canceled promissory note in the amount of \$5,000 from Alice Tweed Tuohy to be used toward the construction of the Tweed Gallery Addition on the Duluth Campus. This note represented an obligation of the Regents due December 13, 1964, under the loan agreement with Mrs. Tuohy executed on December 13, 1963.

#### ACADEMIC FREEDOM

The Vice President, Business Administration, called attention to the correspondence, petitions, and resolutions received in connection with the matter of academic freedom.

The Chairman announced that no formal communication with respect to the proposed schedule of hearings of the Subcommittee of the Senate Education Committee had been received. Voted to authorize the Chairman to appoint an *ad hoc* committee from among the members of the Board to meet with the Subcommittee of the Senate Education Committee upon receipt of a formal communication and invitation to such a joint meeting.

#### NORDAHL ONSTAD vs. RESERVE MINING COMPANY

The Vice President, Business Administration, reported on the law suit of Nordahl I. Onstad vs. Reserve Mining Company, Ed-

ward W. Davis, et al and discussed areas of possible interest to the Regents. Voted to approve the appointment of an *ad hoc* committee of Regents Grottum, Heaney, and Hughes to study the matter to determine the interest of the University in the above litigation. Regent Montague was named as a resource person in connection with the activities of this *ad hoc* committee.

#### REPORT OF STATE PUBLIC EXAMINER

The Vice President, Business Administration, reported for the information of the Board, the receipt of a report from the State Public Examiner covering an investigation which was made concerning possible mishandling of traffic tags by police of the following agencies:

City of Minneapolis  
Board of Park Commissioners  
Metropolitan Airports Commission  
University of Minnesota

The Vice President, Business Administration, reported further that he had requested the Director of the Department of Police to make an investigation of the involvement of University personnel and that the findings of this investigation would be reported to the Board together with any recommendations resulting from it.

#### FACULTY CONSTITUTION—UNIVERSITY OF MINNESOTA, DULUTH

At the request of the Provost, University of Minnesota, Duluth, and on the recommendation of the Vice President, Academic Administration, and the President, voted to approve the revised Constitution and By-Laws of the Faculty, University of Minnesota, Duluth.

#### APPROVED CHANGES

The Constitution and By-Laws of the Faculty,  
University of Minnesota, Duluth  
(Additions underlined. Deletions lined out.)

#### CONSTITUTION

##### III. Membership

1. The voting membership of the faculty (unless otherwise prescribed in this Constitution or the Constitution of the University Senate) shall be composed of the president of the university; the provost and the academic dean of the University of Minnesota, Duluth; and professors, associate professors, assistant professors, instructors, and lecturers holding at least two-thirds time appointments on the faculty.

2. Personnel workers and librarians ~~holding full-time appointments,~~ the business manager, the principal engineer, and other faculty and staff members who may from time to time be approved by a simple majority vote of the faculty for participation, may attend faculty meetings, participate in discussions, and serve on faculty committees, but shall not be entitled to vote at faculty meetings.
- ~~3. Senate members from the University of Minnesota, Duluth shall serve for not more than two consecutive years subject to possible pending changes by the University Senate.~~
3. The elected representatives of the faculty to the Senate shall be chosen by secret ballot as follows: The regular members who are professors, associate professors, and assistant professors shall jointly elect from their ranks one Senate member for each 10 of their regular members or fraction of that number holding such ranks.
4. Elections to the Senate shall be held between May 1 and May 20 each spring. One-third, or as near to one-third as arithmetically possible, of the representatives shall be elected each year. All members elected to the Senate shall begin service on July 1 and shall serve for three years and/or until their successors shall be elected and qualified. Elected members of the Senate shall not serve more than four consecutive years, from and after July 1, 1963, and shall be eligible for re-election only after a one-year interval of non-membership in the Senate.

#### IV. ~~Officers~~ Faculty Organization

1. Officers of the faculty shall include the provost as chairman, a vice-chairman, and a secretary. The term of office of the vice-chairman and of the secretary shall be one year; they shall be elected by ~~voting members of the faculty; these three officers, together with the immediate past vice chairman, shall constitute an Executive Committee, with the provost acting as its chairman.~~ secret ballot at the same time that Senate members are elected.
2. In the absence of the provost, the vice-chairman shall preside at meetings of the faculty. ~~and of the Executive Committee.~~ He shall also serve as a member of the Faculty Council.
3. The secretary shall record minutes of all meetings of the faculty. ~~and of the Executive Committee. The secretary of the faculty~~ He shall submit to all voting members of the faculty each October an official roster of the voting membership of the faculty as provided by the academic dean. He shall also serve as a member of the Faculty Council.
4. Regular meetings of the faculty shall be held in the ~~fourth~~ fifth week of each academic quarter. ~~At the regular meeting of the fall quarter officers shall be elected for the current year. New officers shall assume office at the regular meeting of the winter quarter and shall hold office for one calendar year.~~



5. ~~A Faculty Council consisting of the Executive Committee, elected Senate members from the University of Minnesota, Duluth and the Duluth campus representative to the Consultative Committee shall meet with the provost during the third week of each academic quarter to discuss broad policy matters and to suggest agenda for consideration at faculty meetings. The Faculty Council shall consist of the vice-chairman and secretary of the faculty, the Duluth campus representative to the University Consultative Committee, and nine of the elected members to the University Senate. Staggering of terms for the election of the nine Council members from the Senate shall be effected by the same formula adopted by the Senate for staggering its membership.~~

Vacancies on the Council shall be filled by the appropriate number of newly elected members of the University Senate receiving the largest number of votes. Council members, from and after July 1, 1963, shall not serve for more than three consecutive years, and shall be eligible for re-election only after a one-year interval.

Council members shall take office on July 1. The Faculty Council shall meet with the provost the third Tuesday of each academic quarter to discuss broad policy matters and to set up the agenda for faculty meetings; and shall be responsible for distributing agenda of faculty meetings to all faculty members at least two days in advance of such meetings. The Faculty Council shall represent the faculty-at-large and not individual divisions or departments. In the event of a vacancy on the Faculty Council, the unexpired term will be filled by a member of the Senate selected by the Council.

#### BY-LAWS

##### ~~Article VII:~~

~~The Executive Committee shall prepare the agenda for meetings of the faculty.~~

#### REMINGTON RAND UNIVAC CONTRACT

Voted, on the recommendation of the Vice President, Business Administration, and the President, to accept with appreciation, a gift from Remington Rand Univac covering maintenance of the Solid State 80 Computer in the School of Business Administration at no cost to the University. The value of this contract is estimated to exceed \$20,000.

#### DEATH OF ABBIE INEZ MARSTON

The Vice President, Business Administration, reported for the information of the Board, the death, on January 21, 1964, of Abbie Inez Marston, life beneficiary of the trust pursuant to the will of Grace M. Atkinson. The trust terminates on the demise

of Miss Marston and vests the trust principal in the Regents. The First National Bank of Minneapolis has served as trustee.

#### RESIDENCE HALL—DULUTH

On the recommendation of the Vice President, Business Administration, and the President, voted to authorize the appropriate administrative officers to file an application with the Federal Housing and Home Finance Agency in the amount of \$669,700 to assist in the construction of a new residence hall unit on the Duluth Campus. This unit will house 202 students. Financial plan filed supplement to the minutes, page 16,350.

#### DESIGNATION OF ARCHITECTS

Voted, on the recommendation of the Vice President, Business Administration, and the President, to approve the commissioning of Mr. Carl Graffunder of Minneapolis as architect to prepare preliminary drawings of a 120-unit dormitory on the Morris Campus.

Voted, on the recommendation of the Vice President, Business Administration, and the President, to approve the commissioning of Griswold and Rauma, Architects, Incorporated, of Minneapolis as architects and engineers to prepare plans and specifications for the addition to Sanford Hall. Financial plan filed supplement to the minutes, page 16,351.

Voted, on the recommendation of the Vice President, Business Administration, and the President, to approve the commissioning of Hammel and Green of St. Paul, as architects and engineers to prepare plans and specifications for alterations and renovation and the installation of hoods at the Hormel Institute, Austin.

#### NAMING OF ARCHITECTS—PROPOSED PARKING RAMP

At the meeting of January 10, 1964, the Board approved the naming of National Garages, Incorporated, as architects and engineers for the proposed 2,000 car parking ramp. Subsequently, it has been learned that National Garages, Incorporated has had a reorganization and that key members of the firm have formed a separate company.

Voted, on the recommendation of the Vice President, Business Administration, and the President, that the action of January 10, 1964 be amended to change the name of the planning firm for the 2,000 car parking ramp from National Garages, Incorporated to Enco Engineering, Incorporated.

## PURCHASE OF LAND—CROOKSTON

Voted, on the recommendation of the Vice President, Business Administration, and the President, to authorize the appropriate administrative officers to negotiate for the purchase of 320 acres of land adjacent to the Northwest School and Experiment Station, Crookston, with the understanding that the results of such negotiations will be brought to the Board for approval at a future meeting.

## ACQUISITION OF PROPERTY—WEST CAMPUS

On the recommendation of the Vice President, Business Administration, and the President, voted to approve the acquisition of the following property parcels:

Mary Yurik property located at 1820 Washington Avenue South (consisting of 27.5 feet frontage by 114.25 feet totaling 3,142 square feet) for the purchase price of \$8,500. Source of funds for this purchase will be the annual land budget. Appraisals filed supplement to the minutes, page 16,353

Ralph M. Williamson property located at 2123 Fifth Street South (consisting of 44 feet frontage by 85 feet totaling 3,740 square feet) for the purchase price of \$12,000. Source of funds for this purchase will be Services Improvement Reserve. Appraisals filed supplement to the minutes, page 16,354

Maxine D. Carlson King property located at 2128 Fifth Street South (consisting of 66 feet frontage by 115 feet totaling 7,590 square feet) for the purchase price of \$27,250. Source of funds for this purchase will be Services Improvement Reserve. Appraisals filed supplement to the minutes, page 16,355

George Samuelson property located at 2019 Fifth Street South (consisting of 33 feet frontage by 25½ feet totaling 841.5 square feet) for the purchase price of \$5,250. Source of funds for this purchase will be the annual land budget. Appraisals filed supplement to the minutes, page 16,356

## BIDS

On the recommendation of the Vice President, Business Administration, and the President, voted to authorize acceptance of the following low bids for the addition of the large auditorium to the Education Classroom Building and the addition to the Tweed Gallery on the Duluth Campus, filed supplement to the minutes, page 16,357.

### General

J. D. Harrold Company  
405 East Superior Street  
Duluth, Minnesota

Base Bid ..... \$156,211

**Mechanical (Including plumbing,  
heating & ventilation)**

A. G. O'Brien Plumbing & Heating  
722 East Ninth Street  
Duluth, Minnesota

Base Bid ..... 32,840

**Electrical**

Universal Electric Company  
Duluth, Minnesota

Base Bid ..... 23,734

Total of the Above Low Bids ..... \$212,785

**Non-building costs in connection with this project are as follows:**

Architects' and Engineers' fees .....\$ 10,700  
Supervision of construction ..... 3,200  
Concrete and material testing services ..... 1,000  
Outside work, including storm sewer catch-  
basins, sidewalks, landscaping, etc. .... 10,140  
Miscellaneous engineering and checking  
of shop drawings ..... 1,000  
Custodial equipment, fire extinguishers,  
towel cabinets, keying of building ..... 700  
Allowance for completion of space and  
furnishing equipment for the Education  
Classroom Building ..... 12,000

Total of Nonbuilding Costs ..... \$ 38,740

Total of the Above Costs ..... \$251,525

Available for Contingencies ..... 18,475

GRAND TOTAL ..... \$270,000

**Source of Funds:**

1961 Legislative Appropriation for com-  
pleting construction and equipping Ed-  
ucation Classroom Building ..... \$200,000

Loan from Mrs. Tuohy for addition to  
Tweed Gallery ..... 70,000

Total Funds ..... \$270,000

**Alternate Bids**

In order to identify the costs which can  
be allocated to the addition to the  
Tweed Gallery, we secured alternate  
bids in the three categories of work for  
the Tweed building addition and re-  
modeling and these total .....

\$ 53,927

The share of non-building costs attributable to the Tweed Gallery project are .....	8,700	
Added costs for enlargement of the mechanical equipment room in connection with the auditorium addition to accommodate Tweed Gallery fans and other equipment .....	5,100	
Share of contingency fund assignable to the Tweed Gallery project .....	2,273	
Total .....		\$ 70,000

From these figures it appears that the funds provided by Mrs. Tuohy will be sufficient to cover the share of costs attributable to the Tweed Gallery addition, the project for which her funds were loaned.

This project is scheduled for completion on November 2, 1964.

#### APPOINTMENT

The President reported for the information of the Board, the appointment of William T. Harris, Jr., Assistant Director of University Relations, as Civilian Aide to the Secretary of the Army for the State of Minnesota. This appointment is honorary and is without salary.

#### OUTSTANDING ACHIEVEMENT AWARDS

At the request of the University Committee on Honors and on the recommendation of the President, voted to award two Outstanding Achievement Awards. Biographical data on each recipient filed supplement to the minutes, page 16,358.

#### FEE CHANGES

At the request of the University Committee on Fees and on the recommendation of the Vice President, Academic Administration, and the President, voted to approve the following fee changes:

Public Health 231, 232, course fee \$251 per summer term, effective summer 1964

Morris Placement Service Fee, \$10 optional for students who desire placement service, effective as of January 1, 1964

Speech 175, Theatre Symposium, course fee \$25 per summer term, effective summer 1964

Tuition, University High School Summer Session, increase from \$15 to \$20 for one course and from \$25 to \$35 for two courses, effective summer 1964

Text book fee, University High School Summer Session, \$2 per course per term, effective summer 1964

Public Health 138, course fee \$100 per summer term, effective summer 1964

Morris Incidental Fee, \$11 per summer term, effective summer 1964 and distributed as follows:

Health Service	\$3.50
Library	.75
Student Activities	6.75

Institute of Child Development, Children's Arts and Craft Program, increase from \$5 to \$7.50 for ten sessions per quarter, effective June 1964

#### 1964 SUMMER SESSION BUDGET

Voted, on the recommendation of the Vice President, Business Administration, the Vice President, Academic Administration, and the President, to approve the proposed budget for the Summer Session of 1964, including the Duluth Campus, subject to such adjustments as may be approved by the President and 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.

#### SECURITIES TRANSACTIONS

Voted to approve the following securities transactions of the Investments Committee, November 1, 1963 through December 31, 1963:

#### ACQUISITIONS

##### Purchases—Corporate Bonds

##### *Group Investments Fund*

Par Value	Security	Maturity	Cost
\$ 200,000.00	Bankers Trust Company Capital Notes, 4½% .....	12-15-88	\$ 200,000.00
150,000.00	General Motors Acceptance Corporation Debentures, 4½% .....	11-1-85	149,812.50
200,000.00	Southern Pacific Company Equipment Trust Certificates, 4% .....	11-16-64	200,174.00

##### *Temporary Investment Pool*

447,000.00	Louisville & Nashville Railroad Equipment Trust Certificates, 4½% .....	1-1-65	447,527.46
300,000.00	Southern Pacific Company Equipment Trust Certificates, 4% .....	6-1-65	299,571.00
214,000.00	Southern Railway Company Equipment Trust Certificates, 4% .....	3-16-64	214,070.62
214,000.00	Southern Railway Company Equipment Trust Certificates, 4% .....	9-15-64	214,164.78

Purchase—Certificate of Deposit

*Temporary Investment Pool*

Par Value	Security	Maturity	Cost
1,000,000.00	Continental Illinois Bank of Chicago	3-5-64	998,128.63

Purchases—Commercial Paper

*Temporary Investment Pool*

250,000.00	Armstrong, A. J. Company .....	3-31-64	246,098.09
750,000.00	Associates Investment Company .....	11-15-63	749,343.75
200,000.00	C. I. T. Financial Corporation .....	11-12-63	199,902.78
1,000,000.00	C. I. T. Financial Corporation .....	12-9-63	999,625.00
300,000.00	Consolidated Foods Corporation .....	6-12-64	294,166.67
500,000.00	E. A. C. Credit Corporation .....	3-31-64	493,756.95
500,000.00	Export Finance Corporation of Canada, Ltd. ....	3-31-64	493,354.17
500,000.00	Export Finance Corporation of Canada, Ltd. ....	4-15-64	500,000.00
500,000.00	Family Finance Corporation .....	3-31-64	493,837.68
463,046.88	General Motors Acceptance Corpora- tion of Canada, Ltd. ....	3-31-64	458,002.08
250,000.00	Industrial Credit Company .....	3-13-64	246,797.74

Purchases—Commercial Paper

*Temporary Investment Pool*

1,000,000.00	International Harvester Credit Corpo- ration of Canada, Ltd., 4¼% .....	4-30-64	992,142.36
500,000.00	Liberty Loan Company .....	4-15-64	494,055.56
750,000.00	Massey-Ferguson Finance Corpora- tion .....	2-28-64	741,250.00
250,000.00	Massey-Ferguson Finance Corpora- tion .....	4-15-64	246,657.99
250,000.00	Munsingwear, Inc. ....	3-31-64	246,582.47

Purchases—United States Government Agency Obligations

*Group Investments Fund*

200,000.00	Banks for Cooperatives Consolidated Debentures, 3¾% .....	6-1-64	200,000.00
265,000.00	Federal Home Loan Banks Consoli- dated Notes, 4¾% .....	8-15-66	265,000.00
250,000.00	Federal Intermediate Credit Banks Consolidated Debentures, 3¾% .....	8-3-64	250,000.00

*Temporary Investment Pool*

500,000.00	Banks for Cooperatives Consolidated Debentures, 3¾% .....	6-1-64	500,000.00
500,000.00	Federal Home Loan Banks Consoli- dated Notes, 4% .....	9-15-64	500,000.00
500,000.00	Federal Home Loan Banks Consoli- dated Notes, 4¾% .....	8-15-66	500,000.00
500,000.00	Federal Intermediate Credit Banks Consolidated Debentures, 3.95% .....	9-1-64	500,000.00

Purchases—United States Treasury Obligations

*Group Investments Fund*

Par Value	Security	Maturity	Cost
400,000.00	United States Treasury Bills .....	2-13-64	396,470.00

*Temporary Investment Pool*

500,000.00	United States Treasury Notes, 3% ...	5-15-65	500,000.00
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Capital Gains Distribution—Corporate Common Stock

*Dosdall Scholarship Fund*

No. of Shares	Security	Book Value
10	State Street Investment Corpora- tion .....	\$ 409.50
3	Canadian Fund, Inc. ....	50.38

Dividends—Corporate Common Stock

*Group Investments Fund*

No. of Shares	Security
111	American Electric Power Company
115	Eastman Kodak Company
324	General Motors Corporation
60	International Paper Company
425	Texas Instruments, Inc.

DISPOSALS

Maturity—Certificate of Deposit

*Temporary Investment Pool*

Par Value	Security	Maturity	Cost	Amount Received
\$1,000,000.00	Continental Illinois Na- tional Bank .....	12-16-63	\$1,000,000.00	\$1,026,531.25

Maturities—Commercial Paper

*Temporary Investment Pool*

250,000.00	Allis-Chalmers Credit Corporation .....	12-13-63	247,526.04	250,000.00
250,000.00	Allis-Chalmers Credit Corporation .....	12-31-63	245,722.22	250,000.00
500,000.00	American Investment Company of Illinois .....	11-15-63	494,118.05	500,000.00
250,000.00	Archer-Daniels-Midland Company .....	11-29-63	246,718.75	250,000.00
750,000.00	Associates Investment Company .....	11-15-63	749,343.75	750,000.00
500,000.00	Central Soya Company, Inc. ....	12-27-63	494,166.67	500,000.00
200,000.00	C. I. T. Financial Corpo- ration .....	11-12-63	199,902.78	200,000.00



Par Value	Security	Maturity	Cost	Amount Received
1,000,000.00	C. I. T. Financial Corporation .....	12-9-63	999,625.00	1,000,000.00
250,000.00	Dial Finance Company ..	11-29-63	246,694.44	250,000.00
500,000.00	Dow Chemical Company ..	11-29-63	493,534.72	500,000.00
500,000.00	E. A. C. Credit Corporation .....	12-13-63	494,895.84	500,000.00
250,000.00	Export Finance Corporation of Canada, Ltd. ....	12-13-63	247,362.85	250,000.00
250,000.00	Family Finance Corporation .....	11-29-63	246,718.75	250,000.00
250,000.00	Family Finance Corporation .....	12-13-63	247,369.80	250,000.00
500,000.00	Gamble-Skogmo Acceptance Corporation .....	11-15-63	493,765.62	500,000.00
500,000.00	Genesco, Inc. ....	12-30-63	494,010.42	500,000.00
250,000.00	Heller, Walter E. & Company .....	12-31-63	245,649.31	250,000.00
500,000.00	Household Finance Corporation .....	11-15-63	493,765.63	500,000.00
750,000.00	International Harvester Credit Corporation of Canada, Ltd. ....	11-29-63	750,000.00	758,784.25
250,000.00	Libby, McNeill & Libby, Inc. ....	12-13-63	246,159.72	250,000.00
250,000.00	Liberty Loan Corporation .....	11-15-63	246,882.81	250,000.00
500,000.00	Macy Credit Corporation ..	12-13-63	495,052.08	500,000.00
500,000.00	Marathon Finance Corporation .....	12-6-63	495,781.25	500,000.00

#### Maturities—Commercial Paper

##### *Temporary Investment Pool*

600,000.00	Massey-Ferguson Finance Corporation .....	11-15-63	591,964.58	600,000.00
250,000.00	Munsingwear, Inc. ....	12-13-63	247,604.17	250,000.00
500,000.00	Pillsbury Company .....	11-29-63	493,097.22	500,000.00
500,000.00	Rexall Drug & Chemical Company .....	12-30-63	494,010.42	500,000.00
250,000.00	Sprague Electric Company .....	11-12-63	247,083.33	250,000.00
500,000.00	Walgreen Company .....	12-31-63	495,625.00	500,000.00
500,000.00	Yellow Motors Credit Corporation .....	12-31-63	492,854.17	500,000.00

#### Maturities—Corporate Bonds

##### *Group Investments Fund*

125,000.00	Chicago and North Western Railway Company Equipment Trust Certificates, 3¾% ..	11-1-63	123,391.74	125,000.00
40,000.00	North American Car Corporation Equipment Trust Certificates, 4.35% .....	12-15-63	40,000.00	40,000.00

Maturity—Minnesota School Bond

*Permanent University Fund*

Par Value	Security	Maturity	Cost	Amount Received
20,000.00	Minnesota Bonds, Independent School District No. 85, St. Louis County, 3.25% .....	12-31-63		20,000.00

Liquidation—Direct Loans to Municipalities

*Permanent University Fund*

2,000.00	Lac Qui Parle County Ditch No. 85, 3% .....	7-1-66		2,000.00
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Maturities—United States Government Agency Obligations

*Temporary Investment Pool*

700,000.00	Federal Intermediate Credit Banks Consolidated Debentures, 3.15% .....	11-4-63	700,000.00	700,000.00
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Maturity—United States Treasury Obligation

*Temporary Investment Pool*

500,000.00	United States Treasury Notes, 4½% .....	11-15-63	500,000.00	500,000.00
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Sales—Corporate Bonds

*Group Investments Fund*

195,000.00	Aluminum Company of Canada Debentures, 4½% .....	4-1-80	198,948.75	197,096.25
195,000.00	Armco Steel Corporation Debentures, 4.35% .....	4-1-84	195,000.00	194,415.00
150,000.00	General Motors Acceptance Corporation Debentures, 5% .....	9-1-80	150,000.00	157,050.00

Calls—Corporate Bonds

*Group Investments Fund*

3,000.00	Commonwealth Edison Company Debentures, 4¾% .....	12-1-2011	3,037.50	3,037.50
4,000.00	Sylvania Electric Products, Inc. Sinking Fund Debentures, 5½% .....	11-1-84	4,000.00	4,000.00
1,000.00	Transcontinental Gas Pipe Line Corporation First Mortgage Bonds, 5% .....	4-1-77	994.09	1,005.00

## Sales—Corporate Common Stocks

*Group Investments Fund*

No. of Shares	Security	Book Value	Amount Received
1,400	American Can Company .....	65,910.22	60,762.84
200	American Electric Power Company .....	5,086.90	7,487.27
300	American Machine & Foundry Company .....	5,190.97	5,647.71
100	American Telephone and Telegraph Company .....	6,134.07	13,874.72
700	Arizona Public Service Company .....	12,047.12	22,128.66
400	Central and South West Corporation .....	9,570.72	18,606.10
500	Continental Casualty Company .....	23,237.22	39,459.20
100	Corning Glass Works .....	9,622.93	20,128.39
100	duPont, E. I. de Nemours & Company, Inc. ....	7,299.16	25,558.31
400	Eastman Kodak Company .....	15,535.80	46,416.43
600	Ekco Products Company .....	7,618.06	17,267.12
1,500	Ex-Cell-O Corporation .....	56,948.50	57,415.16
300	Federated Department Stores, Inc. ...	8,545.61	17,121.20
600	Firestone Tire & Rubber Company ...	18,748.32	22,447.79
300	First Bank Stock Corporation .....	6,111.00	21,491.40
382	First National City Bank of New York .....	26,379.97	43,163.44
100	Florida Power & Light Company .....	3,492.87	7,358.98
500	General Electric Company .....	14,882.63	40,829.49
500	General Foods Corporation .....	16,438.05	43,175.19
200	General Mills, Inc. ....	3,149.84	7,649.53
300	General Motors Corporation .....	13,188.36	25,809.09
900	General Telephone & Electronics Corporation .....	22,108.23	25,863.85

## Sales—Corporate Common Stocks

*Group Investments Fund*

400	Halliburton Company .....	21,878.99	21,022.88
400	Illinois Power Company .....	3,876.24	16,343.42
200	Insurance Company of North America .....	11,768.89	18,936.95
80	International Business Machines Corporation .....	15,339.20	38,784.90
300	International Harvester Company ...	9,728.70	17,906.31
300	International Nickel Company of Canada, Limited .....	13,350.84	19,779.65
700	McGraw-Edison Company .....	14,718.34	26,194.74
200	Merck & Co., Inc. ....	15,899.10	20,788.07
200	Minneapolis Gas Company .....	5,558.83	8,346.68
100	Minneapolis-Honeywell Regulator Company .....	9,450.84	13,502.68
300	Minnesota Mining and Manufacturing Company .....	11,810.67	19,880.04
200	National Lead Company .....	17,478.54	14,193.69
500	Northern Natural Gas Company .....	12,142.25	25,211.65
500	Northwest Bancorporation .....	5,447.85	25,972.75
100	Pfizer, Chas. & Co., Inc. ....	3,373.30	5,124.63
100	Radio Corporation of America .....	4,526.12	9,391.84
200	Sears, Roebuck and Co. ....	3,631.00	19,498.65
400	Shell Oil Company .....	15,287.50	18,258.00
200	Socony Mobil Oil Company, Inc. ....	7,849.52	13,894.12

No. of Shares	Security	Book Value	Amount Received
300	Southern Union Gas Company .....	6,803.71	9,596.16
700	Standard Oil Company (New Jersey)	12,722.68	49,927.09
200	Texaco, Inc. ....	2,121.15	13,494.68
200	Texas Instruments, Inc. ....	26,156.78	18,587.19
500	Texas Utilities Company .....	14,245.82	28,019.59
160	Thompson Ramo Wooldridge, Inc. ...	9,020.70	8,532.57
300	Union Carbide Corporation .....	19,673.43	33,927.11
400	Valley National Bank of Arizona .....	16,277.35	26,739.32
200	Weyerhaeuser Company .....	7,706.16	6,597.36

#### MISCELLANEOUS

##### Exchange—United States Treasury Obligations

##### *Temporary Investment Pool*

Par Value	Security	Maturity	Book Value
\$ 500,000.00	United States Treasury Notes, 4½%	11-15-63	\$ 500,000.00
<i>Exchanged into:</i>			
500,000.00	United States Treasury Notes, 3¾%	5-15-65	500,000.00

#### BUSINESS VICE PRESIDENT'S REPORT

Voted to approve the report of the Vice President, Business Administration to the Chairman of the Executive and Finance Committee, filed supplement to the minutes, page 16,359.

Voted to approve transfers of funds No. 6001 to No. 7000 inclusive.

Voted to approve journal vouchers No. 19501 to No. 22000 inclusive.

Voted to approve requisitions No. 31070 to No. 35972 inclusive.

Voted to adjourn.

L. R. LUNDEN, Secretary