

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

MINUTES

May 12, 1960

A meeting of the Board of Regents was held in the Regents' Room, Administration Building, on Thursday, May 12, 1960, at nine-thirty o'clock a.m.

Present: Chairman Quinlivan, presiding; Regents Bell, Cosgrove, Gainey, Griggs, Hess, Howard, Johnson, Malkerson, Mayo, Olson, and Skyberg; and President Morrill.

Voted to approve the minutes of the following meeting:

Board of Regents of January 8, 1960

Voted to approve the following amendment to the minutes:

March 11, 1960, special term leave of absence for William G Shepherd Professor and Head Electrical Engineering for the winter quarter of 1960-61 to observe and participate in microwave research at Stanford University to read for the fall quarter of 1960-61 to visit a number of universities in England, France, Germany and Holland at which work related to present research interest in physical electronics is being carried on (change requested by Professor Shepherd)

Voted to approve the following salary list correction, 1959-60:

October 24, 1959, Leland M Pearson Office Supervisor from A \$4,440 to A \$4,620 should have been listed as Principal Clerk to Office Supervisor (the budget did not show this as a new reclassification item but instead retained the class title of Office Supervisor which had been in effect before)

Voted to approve the following personnel changes:

Retirements

Thomas B Magath as Professor Emeritus Bacteriology and Parasitology Mayo Foundation effective April 1, 1960

Herman J Moersch as Professor Emeritus Medicine Mayo Foundation effective April 1, 1960

Carl E Johnson Senior Stores Clerk Army, Air Corps and Navy Storeroom to retire on Old Age Survivors and Disability Insurance effective April 20, 1960

Harry O Rasmussen Farm Laborer West Central School and Experiment Station to retire on State Employees Retirement effective November 27, 1959

Florence L Bellman Custodial Worker Agricultural Dormitories to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective December 31, 1959

Jennie Perry Custodial Worker Centennial Hall to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective February 24, 1960

Terminations

Ting Y Li Professor Aeronautical Engineering effective at time of appointment September 16, 1960

Jean A Curan Professor Seoul National University of Korea Cooperative Project effective April 6, 1960

Elmer C Easton Professor Seoul National University of Korea Cooperative Project effective April 20, 1960

Stuart A MacCorkle Professor Seoul National University of Korea Cooperative Project effective April 18, 1960

Ermond H M Hartmans Associate Professor Extension Economist Farm Management Agricultural Extension Service effective May 11, 1960

Emanuel S Lippman Clinical Assistant Professor Pediatrics without salary effective February 24, 1960 (deceased)

John E Estes, Jr Assistant Professor Medicine Mayo Foundation without salary effective March 31, 1960

Allan J Hanna Instructor English effective March 15, 1960

Cecil J G Raw Research Fellow School of Chemistry effective June 15, 1960

Jun Tamiya Research Fellow Electrical Engineering Research Funds effective March 31, 1960

Saskia Jelgersma Research Fellow Geology Research Funds effective May 31, 1960

Tatsuo Tanaka Research Fellow Chemical Engineering Research Funds effective May 15, 1960

Royal K Anderson Isanti County Agricultural Agent Assistant Professor Agricultural Extension Service effective June 1, 1960

Edna O Hanson Houston County Home Agent Instructor Agricultural Extension Service effective June 4, 1960

Marian E Nelson Ramsey County Home Agent Instructor Agricultural Extension Service effective June 25, 1960

John D Bouquet Teaching Assistant Psychology effective March 31, 1960

Richard W Johnson Teaching Assistant Psychology effective March 15, 1960

Joel K Wolfson Teaching Assistant Speech and Theater Arts effective March 15, 1960

Vernon D Parker Teaching Assistant School of Chemistry effective March 15, 1960

Gerald F Anderson Teaching Assistant School of Physics effective March 15, 1960

Ramsey P Wasfey Teaching Assistant College of Pharmacy effective March 31, 1960

Peter P Douglas Teaching Assistant Economics School of Business Administration effective March 15, 1960

Frank P Amedeo Research Assistant General Education Research Funds effective April 5, 1960

Byron L Hanson Research Assistant Industrial Relations Center Research Funds effective March 31, 1960

Betty C Tang Research Assistant Chemical Engineering Research Funds effective April 15, 1960

Douglas R Picht Administrative Fellow Office of the Dean of Students Bureau of Student Loans and Scholarships effective April 15, 1960

Jan W Moll Medical Fellow Surgery without salary effective February 5, 1960

Hector H Cabral Medical Fellow Anesthesiology effective April 1, 1960

Ernst O Ammermann Medical Fellow Mayo Foundation effective March 31, 1960

Charles R Salamone Medical Fellow Mayo Foundation effective March 31, 1960

Lennart E Suther Medical Fellow Mayo Foundation effective March 31, 1960

Owen W Holm Medical Fellow Surgery Research Funds effective March 31, 1960

John U Bascom Medical Fellow Surgery Minneapolis General Hospital Fellowships effective March 31, 1960

Anatol Lysyj Medical Fellow Obstetrics and Gynecology Minneapolis General Hospital Fellowships effective March 31, 1960

Arthur R Roraff Non-service Fellow School of Dentistry Research Funds effective March 31, 1960

Robert E Blixt Investment Counsel Investment Overhead effective May 9, 1960

Leon H Zacho Engineer Rosemount Aeronautical Laboratories effective April 5, 1960

Helen L Stinson Clerk Office of the Comptroller effective March 25, 1960

Bernadette A Suda Clerk Office of the Comptroller effective May 6, 1960

Barbara J McHaffie Principal Secretary Office of the Dean of Students Student Counseling Bureau effective April 13, 1960

Therese A Slinde Senior Secretary Office of the Dean of Students Bureau of Student Loans and Scholarships effective March 31, 1960

The following in the Office of Admissions and Records

		Effective Date
Nancy E Courtney	Clerk	April 7, 1960
Roxene A Horsch	Clerk-Typist	May 9, 1960
Virginia R Lavrenz	Clerk-Typist	April 22, 1960
Arthur W Olson	Principal Clerk	May 2, 1960
Theresa A Suda	Clerk-Typist	May 9, 1960
Marian C Triebenbach	Senior Clerk	May 10, 1960

Michael J Donahue Laborer General Storehouse effective January 10, 1960

Carol L Cowell Senior Clerk Library effective March 25, 1960

Marie M Higbee Senior Clerk (Trainee) Administration College of Science Literature and the Arts effective April 15, 1960

Helene K Olson Principal Secretary School of Journalism effective May 13, 1960

Joan M Janikowski Clerk-Stenographer Administration Institute of Technology effective April 27, 1960

Jerome G Schutta Senior General Mechanic Civil Engineering St Anthony Falls Hydraulic Laboratory effective May 11, 1960

Roy E Becker Chemical Apparatus Supervisor School of Chemistry effective March 24, 1960

Roy E Erickson Storehouse Stock Clerk School of Chemistry effective April 4, 1960

Dixie E Zamber Senior Clerk Office of Admissions and Records Institute of Agriculture effective May 12, 1960

Helmer W Hoppe Building Caretaker West Central School and Experiment Station effective April 5, 1960 (transferred to miscellaneous payroll)

Irene C Breen Secretary North Central School and Experiment Station effective at time of appointment April 1, 1960

George W Gallagher Senior Custodial Worker Southern School of Agriculture effective March 31, 1960

Gail A Eckblom Senior Account Clerk Agricultural Experiment Station effective April 14, 1960

Virginia P Tagtow Senior Account Clerk Bacteriology and Immunology effective April 26, 1960

Mary J Klay Laboratory Technician College of Veterinary Medicine Division of Veterinary Pathology and Parasitology effective May 20, 1960

Lillian M Martin Librarian Law School effective May 6, 1960

Bonita R Maser Clerk-Stenographer Law School effective April 28, 1960

Joyce A Johnson Clerk-Typist Administration College of Education effective March 31, 1960

Walter L Norell Building Caretaker Physical Plant Duluth effective April 15, 1960 (transferred to miscellaneous payroll)

Mary J Hagelin Senior Clerk-Typist Administration Extension Division effective March 18, 1960

Eva M Echeverri Clerk-Stenographer Correspondence Study Instruction effective March 22, 1960

Ruth A Benda Laboratory Technologist Entomology and Economic Zoology Research Funds effective April 12, 1960
 Ellen E Eggert Senior Clerk-Typist School of Nursing Research Funds effective March 25, 1960
 Carver W Isabell Laboratory Animal Attendant Pediatrics Research Funds effective April 15, 1960
 Walter C Eva Junior Scientist Medicine Research Funds effective April 15, 1960
 Lois B Johnson Senior Laboratory Technician Anatomy Research Funds effective April 20, 1960
 Alice F Sharks Clerk-Typist School of Public Health Research Funds effective April 14, 1960
 Oscar Krona Delivery Service Driver Physical Plant effective April 15, 1960 (transferred to miscellaneous payroll)
 Irene C Moon Senior Account Clerk St Paul Campus General Service and Maintenance effective April 20, 1960
 Donald A Danner Delivery Service Driver Rosemount Research Center effective April 28, 1960
 Lois H Mussetter Clerk-Typist Como Ave and Grove East Housing Project effective March 31, 1960
 Ruth Ann Erickson Senior Clerk-Typist University Health Service effective May 4, 1960
 Myrtle S Scheideker Senior Clerk-Typist Student Center Duluth effective April 14, 1960
 Carol M Rothstein Clerk-Typist Mimeograph and Bulletins St Paul Campus effective April 12, 1960
 Gwendolyn M Jensen Office Supervisor Agricultural Short Courses effective June 17, 1960
 Charles F Anderson Senior Laboratory Animal Attendant Surgery Veterans Administration Hospital effective April 1, 1960
 Josephine E Schewe X-ray Technician Cancer Detection Center effective April 22, 1960
 Marjorie A Deer Junior Scientist Physiological Chemistry Research Funds effective April 8, 1960
 Arlene Z Rohkohl Junior Scientist Medicine Research Funds effective May 9, 1960
 Sharon I Viker Senior Laboratory Technician National Foundation for Infantile Paralysis effective April 6, 1960
 Jacqueline B Wessel Senior Secretary School of Physics Research Funds effective February 26, 1960
 Nancy J Bauer Senior Clerk-Typist Rosemount Aeronautical Laboratories effective January 25, 1960
 Kathleen A Peterson Clerk-Stenographer Surgery Research Funds effective March 15, 1960

The following in the University of Minnesota Hospitals

		Effective Date
Ardis E Beamish	Secretary	May 5, 1960
Shirlee L Draeger	General Staff Nurse	April 22, 1960
Ruth M Dumpys	General Staff Nurse	April 28, 1960
Lorraine H Eddie	General Staff Nurse	April 7, 1960
Dolores H Erikson	Head Hospital Nurse	May 2, 1960

		Effective Date
Sharon G Friedman	Social Worker	December 24, 1959
Darlene E Howe	Student Technologist	
	Supervisor	April 29, 1960
Annella M Kopka	Practical Nurse	April 20, 1960
Jacqueline LaPlante	General Staff Nurse	April 15, 1960
Richard A McLean	Hospital Orderly	April 12, 1960
Mae Mugaas	Hospital Aide	April 12, 1960
Marilyn J Nelson	Student Technologist	
	Supervisor	May 18, 1960
Gertrude Nordstrom	General Staff Nurse	June 1, 1960
Patricia S Painter	General Staff Nurse	May 2, 1960
Charles C Pearson	Hospital Janitor	April 12, 1960
Charlotte G Schulte	Hospital Aide	May 3, 1960
LaVonne J Stumpf	General Staff Nurse	April 27, 1960
Margaret H Swanson	Practical Nurse	May 9, 1960

Caroline M Bartels recipient of a Dr E S Mariette Scholarship effective March 8, 1960

Robert R Ekstrom recipient of a Matinee Musicale Scholarship Duluth effective April 19, 1960

Ellen C Erickson recipient of a Minnesota Alumni Scholarship effective April 19, 1960

Louis J Hostetler recipient of a Maurice L Rothschild Scholarship effective December 8, 1959

Cyril H Brinkman recipient of a Smith-Douglass Company Inc Scholarship effective March 31, 1960

Marjorie J Jordan recipient of a United States Public Health Service traineeship effective March 31, 1960

The following recipients of United States Public Health Service Cancer Research Training Grants effective May 31, 1960

Roger E Boldt	Erhard Haus
Richard L Davis	Mitchell J Rosenholtz

The following recipients of United States Public Health Service Professional Nurse Traineeships effective March 19, 1960

Margaret A Baker	Rita A Nicetta
Dorothy J Mueller	

John F Vanella recipient of a University Artists Course Music Scholarship effective October 2, 1959

Daryl W Foster recipient of a University of Minnesota Intercollegiate Athletic Grant-in-aid effective January 4, 1960

Arthur L Patterson recipient of a University of Minnesota Intercollegiate Athletic Grant-in-aid effective December 16, 1959

Donald J Troumbly recipient of a University of Minnesota Intercollegiate Athletic Grant-in-aid effective December 16, 1959

Appointments

Paul V Grambsch as Dean and Professor School of Business Administration beginning July 1, 1960 at the rate of \$21,000 Term A

Edward Gross as Professor Sociology beginning September 16, 1960 at the rate of \$11,000 Term B

William C Meecham as Professor Aeronautical Engineering beginning September 16, 1960 at the rate of \$10,500 Term B

Stanislaw Skrowaczewski as Professor Music without salary beginning July 1, 1960

Jack C Kern as Associate Professor Seoul National University of Korea Cooperative Project April 12 to June 30, 1960 at the rate of \$11,855 plus 20% overseas differential Term AT

William E Pruitt as Assistant Professor Mathematics College of Science Literature and the Arts September 16, 1960 to June 15, 1962 at the rate of \$7,000 Term B

Charles W Young as Assistant Professor Dairy Husbandry July 1, 1960 to June 30, 1962 at the rate of \$8,500 Term A

Osamu Hara as Research Associate School of Physics Research Funds March 31 to June 15, 1960 at \$2,158 Term CT (\$7,650 B rate)

Russell E Hurst as Lecturer School of Journalism for the spring quarter of 1959-60 at \$675 Term CHT33 (\$6,075 B rate)

Herman Sittard as Lecturer School of Journalism for the spring quarter of 1959-60 at \$675 Term CHT33 (\$6,075 B rate)

Robert C Andry as Visiting Lecturer Interdisciplinary Studies in General Education for the spring quarter of 1959-60 at \$2,700 Term CX (\$8,100 B rate)

Allan D Bloom as Visiting Lecturer Interdisciplinary Studies in General Education and English for the spring quarter of 1959-60 at \$2,700 Term CX (\$8,100 B rate)

Robert G Michaels as Lecturer School of Public Health without salary March 1 to June 30, 1960

Will Turnbladh as Lecturer Law School and Research Funds March 16 to June 30, 1960 at \$1,750 Term CHT33 (\$18,000 A rate)

Donald H Blocher as Lecturer General Education for the spring quarter of 1959-60 at \$500 Term CH20 (\$7,500 B rate)

Almon G Hoye as Lecturer General Education for the spring quarter of 1959-60 at \$500 Term CH20 (\$7,500 B rate)

Salisbury Adams as Visiting Lecturer School of Business Administration for the spring quarter of 1959-60 at \$750 Term CHX33 (\$6,750 B rate)

Roland S Larson as Lecturer General Education for the spring quarter of 1959-60 at \$500 Term CH20 (\$7,500 B rate)

Raymond S Schuneman as Instructor School of Journalism for 1960-61 at \$5,750 Term B

Frederick E Drill as Instructor Anatomy for the spring quarter of 1959-60 at \$510 Term CHT34 (\$4,518 B rate)

James E White as Instructor Anatomy for the spring quarter of 1959-60 at \$510 Term CHT34 (\$4,518 B rate)

Rene Braun as Clinical Instructor Medicine without salary April 1 to June 30, 1960

John R Gilbertson continuation of appointment as Instructor School of Public Health Division of Physiological Hygiene April 1-30, 1960 at \$251 Term CH50 (\$4,518 B rate) and as Research Associate Division of Physiological Hygiene Research Funds April 1-30, 1960 at \$88 Term CH15 (\$5,265 B rate)

Frances Casey as Instructor Medical Technology without salary April 1 to June 30, 1960

Van S Lawrence as Clinical Instructor Anesthesiology without salary March 30 to June 30, 1960

Lewis C Taylor as Instructor Agricultural Engineering and Agricultural Education June 1-30, 1960 at the rate of \$7,500 Term A

Vernon J Yetzer continuation of appointment as Instructor North Central School and Experiment Station April 1-15, 1960 at \$251 Term CTX (\$6,024 A rate)

Douglas V Streed as Clinical Instructor School of Dentistry April 1 to June 15, 1960 at the rate of \$904 Term BH20 (\$4,518 B rate)

Laura M Scherfenberg as Instructor General Education March 16 to June 15, 1960 at the rate of \$1,130 Term BH25

Reuben J Schafer as Instructor Trade and Industrial Education March 16 to June 15, 1960 at the rate of \$1,129 Term BH25

Mary R Elledge as Instructor Music Education for the spring quarter of 1959-60 at \$296 Term CHX19 (\$4,800 B rate)

Douglas C Pratt as Instructor Botany March 16 to June 15, 1960 at \$1,000 Term CHT50 (\$6,000 B rate) and as Research Fellow Botany Research Funds at \$1,050 for 50% time April 1 to June 15, 1960 and 100% time June 16-30, 1960 (\$7,200 A rate)

John H Powers as Clinical Instructor Psychologist Psychiatry and Neurology Minneapolis General Hospital Fellowships April 1 to June 30, 1960 at the rate of \$3,012 Term AHT50

Wiley N Garrett continuation of appointment as Research Fellow Plant Pathology and Botany Research Funds April 1 to June 30, 1960 at \$1,506 Term CT (\$6,024 A rate)

Aage Solbakken as Research Fellow School of Chemistry Research Funds April 1 to June 30, 1960 at \$1,506 Term CT (\$6,024 A rate)

Takayoshi Okuda as Research Fellow Electrical Engineering Research Funds May 1, 1960 to April 30, 1961 at \$6,600 Term CT

John H Ohman continuation of appointment as Research Fellow Plant Pathology and Botany Research Funds April 1 to June 30, 1960 at \$1,506 Term CT (\$6,024 A rate)

Kenneth E Just as Wilkin County Assistant County Agricultural Agent Instructor Agricultural Extension Service April 1 to June 30, 1960 at the rate of \$5,000 (\$4,800 University \$200 County) Term AH96

Karl A Lind as Waseca County Assistant County Agricultural Agent Instructor Agricultural Extension Service April 1 to June 30, 1960 at \$1,200 (\$1,125 University \$75 County) Term CH94 (\$4,800 A rate)

Richard C Walter as Goodhue County Assistant County Agricultural Agent Instructor Agricultural Extension Service May 1 to June 30, 1960 at the rate of \$5,000 (\$4,440 University \$560 County) Term AH89

Leanne Beukelman as Teaching Assistant English for the spring quarter of 1959-60 at \$454 Term CHX33

Kathleen T Hoffacker as Teaching Assistant English for the spring quarter of 1959-60 at \$341 Term CHX25

Lois J Hood as Teaching Assistant English for the spring quarter of 1959-60 at \$341 Term CHX25

Louise A Meyer as Teaching Assistant English for the spring quarter of 1959-60 at \$454 Term CHX33

Roger A Avelsgaard continuation of appointment as Teaching Assistant Mathematics College of Science Literature and the Arts for the spring quarter of 1959-60 at \$511 Term CH38

Paul O Sontag as Teaching Assistant Mathematics College of Science Literature and the Arts for the spring quarter of 1959-60 at \$511 Term CH38

Theodore A Vessey as Teaching Assistant Mathematics College of Science Literature and the Arts for the spring quarter of 1959-60 at \$511 Term CH38

Sarah B Shaw as Teaching Assistant Interdisciplinary Studies in General Education April 1 to June 15, 1960 at \$378 Term CH33

Glen W Johnson as Teaching Assistant Philosophy March 16 to June 15, 1960 at the rate of \$1,022 Term BHX25

Andrew Thompson as Teaching Assistant Psychology March 16 to June 15, 1960 at the rate of \$1,021 Term BH25

Shya Hao as Teaching Assistant Electrical Engineering March 16 to June 15, 1960 at the rate of \$2,043 Term BHT50

Chuck Yi Wong as Teaching Assistant Electrical Engineering for the spring quarter of 1959-60 at \$681 Term CHT50

Norman L Busse as Teaching Assistant Agricultural Engineering April 1 to June 30, 1960 at \$681 Term CH50

George J Rabehl as Teaching Assistant Agricultural Engineering April 1 to June 30, 1960 at \$1,122 Term CHT75

Sister John Brendon Murrill as Teaching Assistant Physiological Chemistry April 1 to June 15, 1960 at the rate of \$1,022 Term BH25

Paul W Romig as Teaching Assistant College of Pharmacy April 1 to June 15, 1960 at the rate of \$2,043 Term BH50

James L Gavenda as Teaching Assistant Psycho-Educational Clinic March 16 to June 15, 1960 at the rate of \$1,021 Term BH25

Norma McCoy as Teaching Assistant Institute of Child Development and Welfare March 16 to June 15, 1960 at the rate of \$1,022 Term BH25

Yuji Ijiri as Teaching Assistant School of Business Administration for the spring quarter of 1959-60 at \$681 Term CH50

Iee Nee Yoon as Teaching Assistant Economics School of Business Administration for the spring quarter of 1959-60 at \$454 Term CHX33

Robert E Benson continuation of appointment as Research Assistant School of Forestry Research Funds April 1 to June 30, 1960 at \$341 Term CHT25

Tou Chen as Research Assistant Plant Pathology and Botany Research Funds April 18 to June 30, 1960 at the rate of \$1,634 Term AHT30

William D Davidson as Research Assistant Animal Husbandry Research Funds April 1 to June 30, 1960 at the rate of \$2,724 Term AHT50

Catherine H Hocraffer as Research Assistant School of Home Economics Research Funds for the spring quarter of 1959-60 at \$341 Term CHT25

Heinrich A Klug continuation of appointment as Research Assistant School of Forestry Research Funds March 24 to April 30, 1960 at \$284 Term CHT50

William F Slingsby as Research Assistant Agricultural Economics Research Funds April 4 to June 15, 1960 at the rate of \$1,816 Term AHT33 and June 16-30, 1960 at the rate of \$5,448 Term AT

Burkard Sydow as Research Assistant Plant Pathology and Botany Research Funds April 1 to June 30, 1960 at the rate of \$2,724 Term AHT50

Floyd E Folven continuation of appointment as Research Assistant Industrial Relations Center for the spring quarter of 1959-60 at \$681 Term CH50

Robert A Kolstad as Research Assistant Bacteriology Research Funds April 1 to June 15, 1960 at \$568 Term CHT50

Mahmoud Sayrafie-Zadeh continuation of appointment as Research Assistant School of Physics Research Funds for the spring quarter of 1959-60 at \$749 Term CHT55

James F Richards continuation of appointment as Research Assistant Poultry Husbandry Research Funds April 1 to June 30, 1960 at \$681 Term CHT50

Der-Fen Chen continuation of appointment as Research Assistant Agricultural Biochemistry Research Funds April 1 to June 30, 1960 at \$681 Term CHT50

Harvey P Hermanson continuation of appointment as Research Assistant Soils Research Funds April 16 to May 15, 1960 at \$318 Term CHT70

Rochelle J Johnson continuation of appointment as Research Assistant Physical Medicine and Rehabilitation Research Funds April 1 to June 30, 1960 at \$681 Term CHT50

Shaw Fai Chang as Research Assistant Physiological Chemistry Research Funds March 28 to May 31, 1960 at \$738 Term CHTX75

Charles H Pierce continuation of appointment as Research Assistant Pharmacology Research Funds for the spring quarter of 1959-60 at \$678 Term CHT50

William H Murphy as Research Assistant College of Education Research Funds for the spring quarter of 1959-60 at \$341 Term CHT25

Bruce F Duncombe as Research Assistant School of Business Administration Ford Foundation Research Funds for the spring quarter of 1959-60 at \$681 Term CHT50

Francis A Wood continuation of appointment as Research Assistant Plant Pathology and Botany Research Funds April 1 to June 30, 1960 at \$1,008 Term CHT74

David Bloom as Clinical Assistant Pediatrics without salary April 1 to June 30, 1960

Gerold L. Schiebler as Medical Fellow Specialist Pediatrics with salary paid directly by United States Public Health Service January 1 to June 30, 1960

Alberto S Covarrubias as Medical Fellow Surgery with salary paid directly by the Rockefeller Foundation March 1-31, 1960 and Surgery Research Funds at \$71 Term CHT10 April 1 to June 30, 1960

The following as Medical Fellows Surgery with salary paid directly by Veterans Administration Hospital July 1, 1960 to June 30, 1961

Michael W Davis
Morton C Kane
Thomas Litman

Robert C McGee
James Oliver
Frank T Pilney

Glenn L Petersen as Medical Fellow Anesthesiology April 4 to June 30, 1960 at the rate of \$3,172 Term A

Benno M Brink as Medical Fellow Medicine Mayo Foundation April 1 to December 31, 1960 at the rate of \$1,110 Term AH

James C Rex as Medical Fellow Surgery Mayo Foundation for one year beginning April 1, 1960 at the rate of \$1,110 Term AH

Rosalie Childers as Dietetic Intern University of Minnesota Hospitals April 4 to June 30, 1960 at the rate of \$300 Term A

Phyllis H Jensen as Secretary Office of the Comptroller March 28 to June 30, 1960 at the rate of \$3,372 Term A

Camilla J Rochon as Clerk Office of the Comptroller April 21 to June 30, 1960 at the rate of \$2,556 Term AT

Ruth B Odegaard as Senior Secretary Office of the Dean of Students Bureau of Student Loans and Scholarships April 1 to June 30, 1960 at the rate of \$3,648 Term A

The following as Clerks in the Office of Admissions and Records

	Effective Date	Annual Salary	Term
Patricia L Doolittle	April 1, 1960	\$2,556	A
Edith J Johnson	March 28, 1960	2,556	AT
Edythe M Laurie	March 21, 1960	2,880	A
Ruth S Marko	April 1, 1960	2,556	A
Maureen R McGraw	April 1, 1960	2,556	A
Jannie M Wagner	April 1, 1960	2,556	AT

LeRoy A Reinke as Tabulating Equipment Operator (Trainee) Office of Admissions and Records March 21 to June 30, 1960 at the rate of \$3,372 Term AT

Floyd T Olson as Buyer Purchasing Department April 1 to June 30, 1960 at the rate of \$6,312 Term A

Patricia R Dudovitz as Senior Clerk Library March 30 to June 30, 1960 at the rate of \$3,120 Term A

William A Knudtson as Senior Clerk Library March 28 to June 30, 1960 at the rate of \$3,120 Term A

Delores M Rotramel as Library Assistant Library March 21 to June 30, 1960 at \$555 Term CHX50 (\$3,948 A rate)

Duane O Ytredal as Storehouse Stock Clerk School of Chemistry April 6 to June 30, 1960 at the rate of \$3,648 Term A

Bjorn E Johansen as General Mechanic School of Physics March 14 to June 30, 1960 at the rate of \$4,272 Term ATX

Beverly J Mumm as Senior Clerk Office of Admissions and Records Institute of Agriculture April 25 to June 30, 1960 at the rate of \$3,120 Term A

Ralph D Sisler as Assistant Herdsman North Central School and Experiment Station March 25 to June 30, 1960 at the rate of \$3,792 Term AX

Kenneth H Steffen as Senior Farm Laborer Northeast Experiment Station April 1 to June 30, 1960 at the rate of \$3,372 Term AT

Thomas A Mortenson as Senior Accountant Administration College of Medical Sciences April 18 to June 30, 1960 at the rate of \$5,196 Term A

Vivian Ulrich as Senior Account Clerk Surgery March 16 to June 30, 1960 at the rate of \$4,104 Term A

Beverly J Beran as Senior Clerk-Typist Physical Medicine and Rehabilitation March 1 to June 30, 1960 at the rate of \$3,240 Term A

Betty Lou Wheeler as Secretary Psycho-Educational Clinic March 30 to June 30, 1960 at the rate of \$3,372 Term A

Robert M Gunville continuation of appointment as Junior Scientist Pediatrics Research Funds April 1 to June 30, 1960 at \$1,404 Term CT (\$5,616 A rate)

Mariellen S Hanson as Secretary Office of Student Personnel Services Duluth April 4 to June 30, 1960 at the rate of \$3,372 Term A

Catherine H Picotti as Clerk-Typist Office of Student Personnel Services Duluth April 18 to June 30, 1960 at the rate of \$2,664 Term A

Ardyth L Johnson as Senior Clerk-Typist Extension Division March 28 to June 30, 1960 at the rate of \$3,240 Term A

Muriel J Plantin as Principal Clerk Correspondence Study Instruction March 22 to June 30, 1960 at the rate of \$3,948 Term A

Larry T Morrisette as Program Supervisor KUOM Department of Radio and Television Broadcasting April 15 to June 30, 1960 at the rate of \$5,400 Term AT

Karen L Adams as Clerk-Typist Audio-Visual Extension Service April 4 to June 30, 1960 at the rate of \$2,664 Term AT

Daryl L Jose as Clerk Audio-Visual Extension Service March 23 to June 30, 1960 at the rate of \$2,556 Term AT

Lily A Jones as Senior Laboratory Technician Bacteriology and Immunology Research Funds April 1 to June 30, 1960 at the rate of \$3,648 Term AT

William E Swanson as Laboratory Technologist Entomology and Economic Zoology Research Funds April 11 to June 30, 1960 at the rate of \$4,620 Term AT

Delores L McLean as Secretary Psychiatry and Neurology Research Funds at \$470 for 50% time February 29 to March 27, 1960 and 100% time March 28 to April 30, 1960 (\$3,504 A rate)

Paul L Thompson as Laboratory Animal Attendant Surgery Research Funds April 16 to June 30, 1960 at \$675 Term CTX (\$3,240 A rate)

David L Huss as Laboratory Animal Attendant Surgery Research Funds April 16 to June 30, 1960 at \$675 Term CT (\$3,240 A rate)

James B Canterbury as Laboratory Technologist Physical Medicine and Rehabilitation Research Funds April 18 to June 30, 1960 at the rate of \$4,620 Term AT

Michael Keprios continuation of appointment as Junior Scientist Medicine Research Funds April 1-30, 1960 at \$506 Term CT (\$6,072 A rate)

Richard Walters continuation of appointment as Junior Scientist Medicine Research Funds April 1-30, 1960 at \$468 Term CT (\$5,616 A rate)

Jerrold Skogeboe as Laboratory Animal Attendant Surgery Research Funds April 1 to June 30, 1960 at the rate of \$3,372 Term AT

Barbara J Brackin as Senior Account Clerk St Paul Campus General Service and Maintenance April 6 to June 30, 1960 at the rate of \$3,792 Term A

Geraldine E Buckley as Clerk-Typist Student Unions St Paul Campus Student Center April 22 to June 30, 1960 at the rate of \$2,664 Term A

Elaine A Brown as Clerk-Typist University Health Service April 18 to June 30, 1960 at the rate of \$2,664 Term AX

Karen K Gardner as Clerk-Typist University Health Service April 16 to June 30, 1960 at the rate of \$2,664 Term A

Geraldine E B King as Editorial Proofreader Printing Department April 4 to June 30, 1960 at the rate of \$3,504 Term A

Jacquelyn M Stenglein as Senior Secretary School of Physics and Research Funds March 28 to June 30, 1960 at the rate of \$3,648 Term AT

James F Kiernat as Laboratory Technologist Physiology Research Funds March 28 to June 30, 1960 at \$1,219 Term CT (\$4,620 A rate)

Saralee K Toman continuation of appointment as Clerk-Stenographer Psychiatry and Neurology Research Funds April 1 to June 30, 1960 at \$780 Term CTX (\$3,120 A rate)

Joan W Ross continuation of appointment as Senior Laboratory Technician Psychiatry and Neurology Research Funds May 1 to June 30, 1960 at \$608 Term CT (\$3,648 A rate)

Carole C Pehoushek continuation of appointment as Junior Scientist Pediatrics Research Funds May 1 to June 30, 1960 at \$936 Term CT (\$5,616 A rate)

Margaret Pullen continuation of appointment as Senior Clerk-Typist Pediatrics Research Funds April 1 to June 30, 1960 at \$876 Term CT (\$3,504 A rate)

Lois M Tammen as Clerk-Typist Pediatrics Research Funds April 12 to June 30, 1960 at the rate of \$2,664 Term AT

Mary K Gilbert as General Staff Nurse Pediatrics Research Funds March 21 to June 30, 1960 at \$1,202 Term CT (\$4,272 A rate)

Marian L Bodey continuation of appointment as Clerk-Typist Pediatrics Research Funds April 1 to June 15, 1960 at \$555 Term CT (\$2,664 A rate)

Joanna S Courteau continuation of appointment as Senior Laboratory Technician Anatomy Research Funds April 1-30, 1960 at \$198 Term CHT65 (\$3,648 A rate)

Beryl Greenberg as Junior Scientist Medicine Research Funds March 24 to June 30, 1960 at the rate of \$4,992 Term ATX

Rosalyn G Hass continuation of appointment as Laboratory Technologist Surgery Veterans Administration Hospital April 1 to June 30, 1960 at \$1,155 Term CTX (\$4,620 A rate)

Joan P Thorson as Junior Scientist Physiological Chemistry Research Funds March 30 to June 30, 1960 at \$1,283 Term CT (\$4,992 A rate)

Jeannine Legler as Laboratory Technologist Medicine Research Funds March 22 to June 30, 1960 at \$1,283 Term CT (\$4,620 A rate)

Constance K Juergens as Senior Secretary School of Physics Research Funds April 1 to June 30, 1960 at the rate of \$3,648 Term AT

Frank Dorman as Electronics Mechanic Mechanical Engineering Research Funds March 21 to June 30, 1960 at the rate of \$4,800 Term AT

Ruth E Key as Student Technologist Supervisor University of Minnesota Hospitals March 28 to June 30, 1960 at the rate of \$4,992 Term A

The following in the University of Minnesota Hospitals April 1 to June 30, 1960

		Annual Salary	Term
Marian M Andrews	Custodial Worker	\$2,556	A
Lorraine L Boroski	General Staff Nurse	3,948	AX
Peggy J Brown	General Staff Nurse	3,948	A
Judith M Carlson	Senior Clerk-Typist	3,240	A
Lael Carlstrom	General Staff Nurse	4,620	A
Donna M Chatfield	General Staff Nurse	3,948	A
Esther C Chi	Nursing Station Assistant	2,880	A

Irene O Crawford	Hospital Aide	2,664	A
Audrey A Engen	Assistant Head Hospital Nurse	4,104	A
Elizabeth Espey	Clerk	2,556	AT
Veronica S Fischer	General Staff Nurse	4,104	A
Beverly F Galloway	Practical Nurse	3,120	A
Janice C Goslinga	General Staff Nurse	3,948	A
Evelyn L Grieger	Hospital Aide	2,772	A
Mary Lou Holtkamp	General Staff Nurse	3,948	A
Dale L Johnson	Hospital Orderly	3,372	A
Cora A Knutson	Assistant Head Hospital Nurse	4,104	A
Barbara Kurvers	Practical Nurse	3,648	A
Sylvester Landrum	Hospital Orderly	3,120	A
Melba A McFall	Hospital Aide	2,664	A
Florence C Morse	General Staff Nurse	3,948	A
Gertrude W Nyberg	Hospital Aide	2,664	A
Joan E Quastad	General Staff Nurse	4,104	A ⁴
Carole Rinkey	Senior Clerk-Typist	3,240	A
Helen J Roerdink	Student Technologist Supervisor	4,992	A
Mary Jane Rogotzke	Practical Nurse	3,120	A
Verlie A Showalter	Hospital Aide	2,664	A
Marie O Thompson	Practical Nurse	3,120	A
Esther M Thuente	General Staff Nurse	4,104	A
Evangeline Windahl	General Staff Nurse	3,948	A
Laura L Zwolenski	Hospital Aide	2,772	A

Stanley E Bourgeault as recipient of an American Foundation for the Blind Graduate Fellowship in Education of the Blind of \$2,000 for 1960-61 College of Education

Lawrence R Jahn as recipient of an American Foundation for the Blind Graduate Fellowship in Education of the Blind of \$2,000 January 4 to August 20, 1960 College of Education

Larry J Johnson as recipient of an American Society for Metals Foundation for Education and Research Scholarship of \$500 April 8, 1960 to March 31, 1961 Institute of Technology

Barbara M Blanich as recipient of a Louise C Ball Scholarship of \$200 for the winter and spring quarters of 1960-61 School of Dentistry

Ronald W Agerter as recipient of a John Y Breckenridge Award in the form of a Memorial Book April 20, 1960 College of Pharmacy

Joseph M Doty as recipient of a Bristol Laboratories Award April 20, 1960 College of Pharmacy

The following as recipients of a John Cowles Foundation Scholarships of \$125 each for the spring quarter of 1959-60

Erdem Bektas	Mechanical Engineering
Laxmikant R Hirekerur	Soils
Sithamparapillai Mahadeva	Horticulture

Muhanmad B Minhas	Institute of Technology
Rashid K Irani	Geology
Jayantilal H Shah	Civil Engineering
Gideon Shavit	Institute of Agriculture
Irtaza H Siddique	College of Veterinary Medicine
Harbans Singh	Graduate School
Rajpal S Tyagi	College of Veterinary Medicine
Meenakshisunder Venkatesan	Graduate School
Kesavarao Yalamanchili	Civil Engineering

Mary F Lewis as recipient of a Robert V Cram Memorial Scholarship of \$100 for 1959-60 Classics

The following as recipients of Caleb Dorr Special Achievement Awards for the spring quarter of 1959-60 College of Agriculture Forestry and Home Economics

	Amount
Gary L Heidebrink	\$50
Patricia A Horan	50
Louise M Jasken	50
Norman L Sheldon	75
Alfred Strating	50
Arnold R Wells	75
Richard O Wirth	50

The following as recipients of Caleb Dorr College Scholarships for 1960-61 College of Veterinary Medicine

	Amount
Mylo M Hagberg	\$75
Charles J Smith	40
Forrest G Thannum	58

Warren H Luedtke as recipient of a Caleb Dorr Award in the form of a Senior Gold Medal May 1960 College of Veterinary Medicine

Patrick J Delaney as recipient of a Duluth Campus Scholarship (Grant-in-Aid) of \$60 for the spring quarter of 1959-60 Associate in Arts

Judith A Sebring as recipient of a Duluth Campus Scholarship (Barnum P T A) of \$100 for the spring quarter of 1959-60 Elementary Education

Ronald P Johnson as recipient of a Duluth Campus Scholarship (Hamilton Peyton) of \$110.85 for the spring quarter of 1959-60 Pre-Law

Gene R Kotlarek as recipient of a Duluth Campus Scholarship (Grant-in-Aid) of \$71 for the spring quarter of 1959-60

Janis R Bogle as recipient of a Duluth Campus Scholarship (Woman's Club of Crosby) of \$100 for the spring quarter of 1959-60 Mathematics

Young W Yoon as recipient of a Foreign Student Emergency Aid and Scholarship of \$650 for the spring quarter of 1959-60 Economics

Sandra J Wadell as recipient of a General Motors College Scholarship of \$517 April 13 to August 15, 1960 College of Science Literature and the Arts

Daphne J Ellis and Ann R Helgeson as recipients of Horton Art Scholarships of \$100 each for 1959-60 Art

Annabelle G Quintanilla as recipient of a League of United Latin American Citizens Scholarship of \$300 for 1960-61 College of Science Literature and the Arts

Joseph M Doty as recipient of a Lehn and Fink Gold Medal Award April 20, 1960 College of Pharmacy

Marcia A Rafinsky as recipient of a Moses Marston Prize of the Fellowship Association of the University of Minnesota of \$75 for 1959-60 English

Eldon B Galyen as recipient of a Matinee Musicale Scholarship of \$100 for the spring quarter of 1959-60 Music Duluth

Ausma Amolins as recipient of a Mechanics Arts M Club Scholarship of \$150 January 1 to June 15, 1960 Medical Technology

Dennis McMonigal as recipient of a Mechanics Arts M Club Scholarship of \$150 April 12, 1960 to June 15, 1961 Mechanical Engineering

Carl G Baumann as recipient of a Merck Award April 20, 1960 College of Pharmacy

Joseph M Doty as recipient of a Merck Award April 20, 1960 College of Pharmacy

The following as recipients of Minneapolis Gas Company Undergraduate Prizes for the spring quarter of 1959-60 School of Architecture

	Amount
Robert D Hermanson	\$175
Robert M Hysell	150
John L Lawler	175

Marlene A George as recipient of a Minnesota Alumni Scholarship of \$25 April 1 to May 1, 1960 College of Science Literature and the Arts

David J Craft and James J Dee as recipients of Minnesota Dairy Industry Scholarships of \$100 each for the spring quarter of 1959-60 College of Agriculture Forestry and Home Economics

Warren H Luedtke as recipient of a Minnesota State Veterinary Medical Society Award of \$25 April 14, 1960 College of Veterinary Medicine

Gail L Syverton recipient of a James Lewis Morrill Scholarship to receive a supplement of \$1,049.39 April 20, 1960 Art

James J Hilgert recipient of a National Science Foundation Grant for Academic Year Institute for High School Mathematics Teachers to receive a supplement of \$210 April 18, 1960

Kay Y Courtright recipient of a National Science Foundation Grant for Academic Year Institute for High School Mathematics Teachers to receive a supplement of \$192.50 April 6, 1960

Estaban Cepeda as recipient of a National Society of Colonial Dames of America in the State of Minnesota Scholarship of \$150 for the spring quarter of 1959-60 Music

Han Cho Lee as recipient of a National Society of Colonial Dames of America in the State of Minnesota Scholarship of \$150 for the spring quarter of 1959-60 Philosophy

The following as recipients of National Society of Colonial Dames of America in the State of Minnesota Scholarships of \$100 each for the spring quarter of 1959-60

Gian P Jain	School of Business Administration
Theodore Kembes	College of Science Literature and the Arts
Whal M Kim	Political Science
Bon Ho Koo	Economics
Alexander G Nadesan	Law
Rash B Ojha	Industrial Relations
Fritz A Purrmann	Agricultural Education
Ganta G Reddy	Soils
Hanumantha Sanjeevi	Civil Engineering
C E Seshan	School of Business Administration
Raghubir Singh	Agronomy and Plant Genetics
Georgiana Young	Bacteriology

The following as recipients of North Star Scholarships (Grant-in-Aid) of \$60 each for the spring quarter of 1959-60 Duluth

Thomas F Adams	Associate in Arts
John E Ahlin	Engineering
David G Baker	
Bernard C Cousineau	Business and Economics
Lawrence Cronkhite	Social Science
John M Drazenovich	Elementary Education
Wallace E Fountaine	Physical Education
Edward T Galarneault	Business and Economics
William K Gilchrist	Associate in Arts
Thomas G Haigh	
David J Hampton	Social Science
Dale J Hansen	
Bruce L Johnson	
Gordon D Johnson	History
Stuart G Johnson	Psychology
Donald A Judnick	Business and Economics
Joseph M Karnowski	
Roger G Kohlts	Business and Economics
William A Lenardon	Business and Economics
David W Lindstrom	
Edmond F Lundstrom	Physical Education
Domenic T Mancuso	Mathematics
Robert J Manfred	
William A Mattson	
George A Melin, Jr	Mathematics
Thomas J Modec	Science and Mathematics

John E Nachtsheim	Physical Education
Harry Oden	History
James H Olson	Business and Economics
Richard M Pesonen	Associate in Arts
Ronald Pretlac	Science and Mathematics
Gary D Raasch	Physical Education
John T Raukar	Mathematics and Elementary Education
Lino A Rauzi	Industrial Education
Daniel R Saarela	Industrial Arts
Kent R Salo	Business and Economics
William H Sibley	
Michael J Skavnak	Physical Education
Grant C Standbrook	Physical Education
Thomas E Stone	Physical Education
Paul J Udovich	Geology
Jerry F Wherley	Associate in Arts
Orest R Wojcichowsky	Psychology and Education

Renelda J Hess as recipient of a William A O'Brien Scholarship of \$114 for the fall quarter of 1960-61 Medical Technology
 The following as recipients of Captain DeWitt Jennings Payne Memorial Scholarships of \$75 each for 1959-60 English

Joanne H Boelke
 Elizabeth W Field

Kathleen B Rogers

David M Hugener as recipient of a Rehabilitation Counseling Training Grant Office of Vocational Rehabilitation United States Department of Health Education and Welfare Traineeship of \$600 for the spring quarter of 1959-60 Psychology

Thomas P Barsness as recipient of a Rexall Mortar and Pestle Award April 20, 1960 College of Pharmacy

Norman E Sladek as recipient of a Rho Chi Award April 20, 1960 College of Pharmacy

Josef Sivo as recipient of a Rockefeller Foundation Scholarship of \$1,200 March 1, 1960 to February 28, 1961 Concerts and Lectures

Jack Fidelman as recipient of a Maurice L Rothschild Scholarship of \$200 for the spring quarter of 1959-60 School of Business Administration

Maymie J Schulz as recipient of a Social Service Council Scholarship of \$75 for the spring quarter of 1959-60 College of Science Literature and the Arts

Eva A Hradetzky as recipient of a Belle Bonsteel Sorensen Music Scholarship of \$35 for the spring quarter of 1959-60 Music

Elizabeth K Corson as recipient of a Special Education Scholarship of \$500 for the winter and spring quarters of 1959-60 Educational Psychology

James R Brough as recipient of a Special Education Scholarship of \$500 for the winter and spring quarters of 1959-60 College of Education

The following as recipients of Tozer Foundation Graduate Scholarships for the spring quarter of 1959-60

		Amount
Bertrand Horwitz	School of Business Administration	\$350
Rhoda N Issa	International Relations	300
Bernard Pollara	College of Medical Sciences	500

The following as recipients of UMD Chronicle Scholarships for the winter quarter of 1959-60 Duluth

		Amount
Betty J Hartleben	Elementary Education	\$ 20
Marion L Kyrola	Business Education	70
James W LeBoriosis	Industrial Education	15
Katherine E Lund	English	15
Carol A Norman	Elementary Education	15
Gerhard E Schmidt	Speech	110

The following as recipients of United Cerebral Palsy Scholarships January 15 to June 15, 1960 Occupational Therapy

	Amount
Nannette J Elmquist	\$176
Barbara L Hershe	25
Janice L LaGrone	25

The following as recipients of United States Public Health Service Training Grants in Public Health Nursing of \$625 each March 28 to June 11, 1960 School of Public Health

Priscilla M Andrews	Leona R Rubbelke
Evelyn LaFlesh	Sarah E Thornton
Ella E Merrill	

Martha B Mundy as recipient of a United States Public Health Service Training Grant in Public Health Nursing of \$700 March 28 to June 11, 1960 School of Public Health

The following as recipients of United States Public Health Service Training Grants in Public Health Nursing March 28 to August 20, 1960 School of Public Health

	Amount
Jean F Albertal	\$1,343.92
Caroline M Bartels	960.08
Betty Jane Loge	1,188.00

The following as recipients of United States Public Health Service Training Grants in Public Health Nursing March 24 to August 20, 1960 School of Public Health

	Amount
Datie M Caruthers	\$1,233.24
Thomas C McIndoe	1,502.63
Ramona V Schaffer	1,233.24

The following as recipients of United States Public Health Service Training Grants in Public Health Nursing of \$1,506.72 each March 28 to August 20, 1960 and September 26 to December 17, 1960 School of Public Health

Judith A Hanners
Gretta Jefferson

Barbara A Shanners

The following as recipients of United States Public Health Service Professional Nurse Traineeships of \$688 each March 28 to June 11, 1960 School of Nursing

Marian L Carlson
Katherine J Engel

Ruth J Sorge

The following as recipients of United States Public Health Service Professional Nurse Traineeships of \$2,150 each March 28 to August 20, 1960 and September 26, 1960 to March 18, 1961 School of Nursing

Merriam R Adams
Susanne Hackett

Beverly J McElmurry
Anstes N Tweitto

Dolores E Schiller as a recipient of a United States Public Health Service Professional Nurse Traineeship of \$2,170 March 28 to August 20, 1960 and September 26 to December 17, 1960 School of Nursing

Erla A Steurwald as recipient of a United States Public Health Service Training Program in Anatomical Sciences Scholarship of \$699.99 plus tuition April 1 to June 15, 1960 Anatomy

Sister John Brendon Murrill as recipient of a United States Public Health Service Training Grant in Biochemistry Fellowship of \$327.35 plus tuition and fees April 1 to June 15, 1960 Physiological Chemistry

Robert L Falls as recipient of a University of Minnesota Intercollegiate Athletic Grant-in-Aid of an estimated amount of \$1,085 for 1959-60 School of Journalism

Neil A Junker recipient of a University of Minnesota Intercollegiate Athletic Grant-in-Aid to receive a supplement of \$100 for 1959-60 College of Education

Thomas L Swanson as recipient of a University of Minnesota Intercollegiate Athletic Grant-in-Aid of an estimated amount of \$358 for the spring quarter of 1959-60 General College

Sharron L Eldridge and Nancy Evans as recipients of Marion L Vannier Scholarships of \$75 each for the spring quarter of 1959-60 School of Nursing

Donald B Miller as recipient of a Henry L Williams Memorial Scholarship of an estimated amount of \$1,412 for 1959-60 College of Medical Sciences

Louis V Nanne as recipient of a Henry L Williams Memorial Scholarship of an estimated amount of \$467 for the spring quarter of 1959-60 College of Science Literature and the Arts

Neil V Anderson as recipient of a Women's Auxiliary to the Minnesota State Veterinary Medical Society Award of \$25 April 14, 1960 College of Veterinary Medicine

Richard S Olson as recipient of a Women's Auxiliary to the Minnesota State Veterinary Medical Society Award of \$50 April 14, 1960 College of Veterinary Medicine

Douglas C Kriesel as recipient of a Wulling Club Key Prize April 20, 1960 College of Pharmacy

Special Appointments

Thaspena F Woodward as Clerk-Typist Office of the Dean of Students Foreign Student Adviser beginning March 8, 1960 at \$1.28 per hour (husband David A Woodward Instructor Mathematics College of Science Literature and the Arts Term BX)

Agnes G Mork as Clerk Professional Colleges Bookstore beginning March 22, 1960 at \$1.23 per hour (husband Gordon M A Mork Professor General Education Term B)

Lois M Daniels as Clerk Farm Management Service March 16 to June 30, 1960 at \$1.23 per hour (husband Glenn H Daniels Assistant Professor West Central School and Experiment Station Term AP)

Kesava R Yalamanchili student as Engineering Assistant Aeronautical Engineering Research Funds beginning March 16, 1960 at \$1.44 per hour (brother Janardana R Yalamanchili Instructor Aeronautical Engineering monthly basis)

Rita L Hoeschen as General Staff Nurse University of Minnesota Hospitals beginning March 21, 1960 at \$329 per month (mother Lucille Hoeschen Food Service Worker Mayo Memorial Hospital Gift Shop and Fountain Term A)

Janice B Trotter as General Staff Nurse University of Minnesota Hospitals beginning March 21, 1960 at \$329 per month (aunt Florence Brennan Hospital Nursing Supervisor and Instructor University of Minnesota Hospitals Term A)

Promotions and Transfers

Kenneth E Clark from Professor and Chairman Psychology at \$14,000 Term B to Associate Dean Graduate School and Professor of Psychology at the rate of \$17,500 Term A beginning July 1, 1960

Florence J Julian Professor University of Minnesota Hospitals at \$11,070 Term A to serve as Professor Seoul National University of Korea Cooperative Project at the rate of \$11,070 plus 20% overseas differential Term A April 24 to June 30, 1960

Deane A Turner from Assistant Professor Principal Southern School of Agriculture at \$9,150 Term AP to Associate Professor Superintendent Southern Experiment Station at the rate of \$11,000 plus residence Term A beginning July 1, 1960

Betty M Pederson Assistant Director of Nursing Services and Instructor University of Minnesota Hospitals at \$7,104 Term A to serve as Associate Professor and Acting Director at the rate of \$9,600 Term AT April 1 to June 30, 1960

Josef A Mestenhauer from Senior Student Personnel Worker Office of the Dean of Students Foreign Student Adviser at \$7,104 Term A to Assistant Professor and Assistant Foreign Student Adviser at the rate of \$7,600 Term A April 1, 1960 to June 30, 1962

Richard M Magraw from Assistant Dean College of Medical Sciences and Associate Professor Psychology and Neurology and Medicine at \$12,000 Term AT to Assistant Dean College of Medical Sciences Associate Professor Psychiatry and Neurology and Medicine and Director Comprehensive Clinic Program at the rate of \$13,250 Term AT April 1 to June 30, 1960

William Fleeson from Assistant Professor Psychiatry and Neurology and Physical Medicine and Rehabilitation Research Funds at \$13,445 Term AT to Assistant Dean College of Medical Sciences and Assistant Professor Psychology and Neurology and Physical Medicine and Rehabilitation Research Funds without change in salary rate or term April 1 to June 30, 1960

Thomas E Carroll Instructor Sociology at \$1,506 Term BHX33 (\$4,518 B rate) to serve in addition as Instructor Interdisciplinary Studies in General Education at \$1,004 Term CHX67 (\$4,518 B rate) for the spring quarter of 1959-60

James L Reynolds from Teaching Assistant Mechanical Engineering at \$2,043 Term BH50 to Instructor at \$941 Term CHT75 (\$4,518 B rate) April 1 to June 15, 1960

Richard B Davis from Medical Fellow Medicine with salary paid directly by the American Cancer Society to Instructor with salary paid directly by the American Cancer Society July 1, 1959 to June 30, 1960

Warren J Warwick from Research Fellow Pediatrics Research Funds at \$1,000 Term CHT18 (\$6,500 A rate) September 1, 1959 to June 30, 1960 to Instructor Pediatrics and Research Funds at \$2,250 Term CT (\$9,000 A rate) April 1 to June 30, 1960

James G Ashman from Instructor Southern School of Agriculture at \$3,400 Term DX to Instructor and Counselor Student Personnel Office College of Education at the rate of \$3,012 Term AH50 (\$6,024 A rate) April 1 to June 30, 1960

Natalie E Cremer from Teaching Assistant Bacteriology and Immunology at \$2,043 Term BH50 to Instructor Bacteriology and Immunology and Research Funds at the rate of \$4,800 Term BT March 16 to June 15, 1960

John P Lindmeier Research Fellow Museum of Natural History March 16 to June 30, 1960 at \$439 Term CHT25 (\$6,024 A rate) to continue in addition as Teaching Assistant Botany for the spring quarter of 1959-60 at \$341 Term CHT50

Walter James Lecturer Civil Engineering and Hydraulics St Anthony Falls Hydraulic Laboratory at \$3,000 Term BH50 (\$6,000 B rate) to continue to serve in addition as Research Fellow at \$1,000 for 50% time for the spring quarter of 1959-60

Shean-lin Liu from Research Assistant Chemical Engineering Research Funds at \$2,043 Term BHT50 to Research Fellow at \$1,800 Term CT (\$7,200 A rate) April 1 to June 30, 1960

Arthur R Page from Medical Fellow Specialist Pediatrics with salary paid directly by the United States Public Health Service to Research Fellow with salary paid directly by the United States Public Health Service April 1 to June 30, 1960

Thomas E Kean from Jackson County Assistant County Agricultural Agent Instructor Agricultural Extension Service at \$6,100 (\$5,375 University \$725 County) Term AH88 to Lake County Agricultural Agent Instructor at the rate of \$6,800 (\$4,600 University \$2,200 County) Term AH68 June 1-30, 1960

Lynn Loudon Teaching Assistant Interdisciplinary Studies in General Education at \$1,302 Term BH33 to serve in addition as Teaching Assistant Philosophy at \$341 for 25% time for the spring quarter of 1959-60

Frances M Macek from Research Assistant Psychiatry and Neurology at \$2,724 Term AHT50 to Teaching Assistant without change in salary rate or term May 1 to June 30, 1960

Maile-Gene L Sagen from Instructor and Counselor Student Personnel Office College of Education at \$6,024 Term A to Teaching Assistant General Education at the rate of \$1,362 Term BH33 April 16 to June 15, 1960

Joginder S Uppal Teaching Assistant Economics School of Business Administration at \$2,043 Term BHX50 to serve in addition as Instructor Interdisciplinary Studies in General Education at \$502 for 33% time (\$4,518 B rate) for the spring quarter of 1959-60

Heinz Vergin Teaching Assistant Economics School of Business Administration at \$1,022 Term BHX25 to serve in addition as Research Assistant Industrial Relations Center at \$301 for 25% time March 28 to June 15, 1960

Wesley W Wenrich from Teaching Assistant General College at \$2,043 Term BH50 and Clinical Fellow Office of the Dean of Students Student Counseling Bureau at \$1,362 Term AH25 to Teaching Assistant General College at the rate of \$2,043 Term BH50 March 19 to June 15, 1960

Donald C Johnson from Non-service Fellow E I du Pont de Nemours and Company Post-graduate Teaching Assistantship in Chemistry at \$2,400 Term B to Teaching Assistant at the rate of \$2,400 Term BH59 March 1 to June 15, 1960

Hubert Y Yamamoto from Teaching Assistant Entomology and Economic Zoology and Research Assistant Entomology and Economic Zoology Research Funds at \$568 Term CHT50 January 1 to March 15, 1960 to Research Assistant Entomology and Economic Zoology Research Funds at \$397 Term CHT25 March 16 to June 30, 1960

Necla Palamutlu Research Assistant Psycho-Educational Clinic at \$1,022 Term BH25 to continue to serve in addition as Research Assistant College of Education Research Funds at \$340 for 25% time for the spring quarter of 1959-60

Howard C Carlson from Teaching Assistant Psychology at \$1,022 Term BH25 and Research Assistant Industrial Relations Center at \$2,043 Term BH50 to Research Assistant Industrial Relations Center at the rate of \$2,043 Term BHT50 April 1 to June 15, 1960

Maurice Blaug from Teaching Assistant School of Physics at \$2,043 Term BH50 to Research Assistant School of Physics Research Funds at the rate of \$2,247 Term BHT55 March 16 to June 15, 1960

Gary D Hansen from Research Assistant Rural Sociology Research Funds at \$3,632 Term AHT67 to Research Assistant Rural Sociology Research Funds at the rate of \$1,816 Term AHT33 March 16 to June 30, 1960 and as Instructor Family Study Center at \$377 Term CHT25 (\$6,024 B rate) March 16 to June 15, 1960

Robert F Klay from Research Assistant Animal Husbandry Research Funds at \$1,362 Term CHT50 January 1 to June 30, 1960 to Research Assistant School of Public Health Research Funds at \$681 Term CHT50 April 1 to June 30, 1960

Joseph W St Geme from Medical Fellow Specialist Pediatrics at \$5,000 plus tuition and fees Term AT to Medical Fellow Specialist Pediatrics Research Funds at \$1,875 plus tuition and fees Term CT (\$7,500 plus tuition and fees A rate) April 1 to June 30, 1960

Norman Crisp from Medical Fellow Surgery Research Funds at \$264 Term CT March 1-31, 1960 to Medical Fellow Surgery at \$793 Term CT April 1 to June 30, 1960

Benjamin Cobb from Medical Fellow Surgery Research Funds at \$470 plus tuition and fees Term CT May 1 to June 30, 1960 to Medical Fellow Surgery and University Health Service at the rate of \$2,820 plus tuition and fees Term A May 1 to June 30, 1960

Edward T Peter from Medical Fellow Surgery Research Funds at \$705 plus tuition and fees Term CT April 1 to June 30, 1960 to Medical Fellow Surgery at the rate of \$2,820 plus tuition and fees Term A April 1 to June 30, 1960

Youssef A Salama from Medical Fellow Pediatrics at \$2,350 plus tuition and fees Term C September 1, 1959 to June 30, 1960 to Medical Fellow Pediatrics Research Funds at \$705 plus tuition and fees Term CT April 1 to June 30, 1960

Bruce A Aune from Research Fellow Minnesota Center for Philosophy of Science at \$753 Term CHX50 (\$4,518 B rate) March 16 to June 15, 1960 to Non-service Fellow at \$753 Term CHX50 March 16 to June 15, 1960

David J Berg from Senior Accountant Office of the Comptroller at \$6,312 Term A to Principal Accountant at the rate of \$6,564 Term A February 1 to June 30, 1960

Roger S Johnson from Senior Accountant Office of the Comptroller at \$6,312 Term A to Principal Accountant at the rate of \$6,564 Term A February 1 to June 30, 1960

Dale W Guimont from Tabulating Equipment Operator Trainee Office of the Comptroller at \$3,372 Term A to Tabulating Equipment Operator at the rate of \$3,504 Term A April 16 to June 30, 1960

George Jertson, Jr from Building Caretaker University of Minnesota Hospitals at \$3,240 Term A to Storehouse Stock Clerk Office of the Comptroller at the rate of \$3,648 Term AT April 16 to June 30, 1960

John H Neir from Accountant Office of the Comptroller at \$4,620 Term A to Senior Accountant at the rate of \$5,196 Term A February 16 to June 30, 1960

Marianne E Sturtevant from Senior Accountant Administration College of Medical Sciences at \$5,844 Term A to Senior Accountant Office of the Comptroller without change in salary rate or term March 21 to June 30, 1960

Lawrence W Pearce from Storehouse Stock Clerk Office of the Comptroller at \$3,792 Term AT to Senior Stores Clerk Army, Air Corps and Navy Storeroom at the rate of \$3,648 Term AT April 16 to June 30, 1960

Sandra M Arndt from Clerk-Typist Greater University Fund at \$2,880 Term A to Secretary at the rate of \$3,372 Term A March 15 to June 30, 1960

Nancy V Larson from Clerk-Typist Administration College of Science Literature and the Arts at \$2,664 Term A to Senior Clerk Trainee at the rate of \$2,880 Term A April 16 to June 30, 1960

Winifred M Miller from Storehouse Stock Clerk School of Chemistry at \$4,440 Term A to Principal Laboratory Attendant at the rate of \$4,620 Term A March 1 to June 30, 1960

Henry A Lex from Junior Engineer Mines Experiment Station at the rate of \$6,072 Term A to Assistant Scientist at the rate of \$6,312 Term A April 4 to June 30, 1960

Doris M Johnson from Clerk-Typist Agronomy Research Funds from \$2,772 Term AT to Senior Clerk Administration Institute of Agriculture at the rate of \$3,120 Term A April 25 to June 30, 1960

George E Erickson Building Caretaker North Central School and Experiment Station at \$3,792 Term AT to serve as Painter at the rate of \$4,800 Term AT April 1 to June 30, 1960

Carmen O Sauer from Senior Clerk Administration Institute of Agriculture at \$3,120 Term A to Senior Account Clerk Agricultural Experiment Station at the rate of \$3,792 Term A April 7 to June 30, 1960

Emelie P Blegen from Senior Clerk-Typist School of Public Health Research Funds at \$3,240 Term AT to Senior Account Clerk at \$790 Term CT (\$3,792 A rate) February 16 to April 30, 1960 and to Senior Account Clerk School of Public Health at \$632 Term CT (\$3,792 A rate) May 1 to June 30, 1960

Marie H Davidson from Principal Secretary Student Teaching College of Education at \$4,800 Term A to Office Supervisor at the rate of \$4,992 Term A March 16 to June 30, 1960

Ingeborg H Hellwig from Clerk-Typist Audio-Visual Extension Service at \$3,120 Term ATX to Senior Clerk-Typist at the rate of \$3,240 Term ATX April 1 to June 30, 1960

William D Miller from Junior Scientist Radiology Research Funds at \$1,404 Term CT (\$5,616 A rate) January 1 to March 31, 1960 to Junior Scientist College of Veterinary Medicine Division of Veterinary Surgery and Radiology Research Funds at \$936 Term CT (\$5,616 A rate) April 1 to May 31, 1960

Barbara J Berry from Senior Laboratory Technician Trainee School of Physics Research Funds at \$3,504 Term AT to Senior Laboratory Technician at the rate of \$3,648 Term AT April 1 to June 30, 1960

Mildred B Ricci from Secretary School of Physics Research Funds at \$3,372 Term AT to Senior Secretary at the rate of \$3,648 Term AT February 16 to June 30, 1960

Walter L Marty from Laboratory Animal Attendant Bacteriology and Immunology Research Funds at \$2,961 Term CT (\$3,948 A rate) October 1, 1959 to June 30, 1960 to Senior Laboratory Animal Attendant at \$1,026 Term CT (\$4,104 A rate) April 1 to June 30, 1960

Luella M L'Heureux from Clerk Rosemount Research Center at \$2,880 Term AT to Senior Clerk at the rate of \$3,120 Term AT April 1 to June 30, 1960

Floyd W Berg from Laborer Rosemount Research Center at \$3,504 Term AT to Delivery Service Driver at the rate of \$3,648 Term AT April 13 to June 30, 1960

Lorraine A Eklund from Senior Food Service Worker Coffman Union Food Service at \$3,240 Term A to Senior Food Service Supervisor at the rate of \$3,792 Term A March 28 to June 30, 1960

Inez Johnson from Food Service Worker Coffman Union Food Service at \$2,556 Term AX to Senior Food Service Worker at the rate of \$2,664 Term AX March 28 to June 30, 1960

Gerry R Smith from Secretary Surgery at \$3,648 Term A to Secretary Student Unions St Paul Campus Student Center without change in salary rate or term April 27 to June 30, 1960

Linda L Housker from Clerk-Typist University Health Service at \$2,880 Term A to Secretary at the rate of \$3,372 Term A April 16 to June 30, 1960

Delores L Forland from Clerk-Typist Office of Student Personnel Services Duluth at \$2,664 Term A to Senior Clerk-Typist Kirby Student Center at the rate of \$3,240 Term A April 18 to June 30, 1960

Donald A Moen Laboratory Animal Attendant Animal Hospital at \$3,240 Term AT to serve as Senior Laboratory Animal Attendant at the rate of \$3,648 Term AT June 6-30, 1960

Lillian C Werling from Principal Secretary School of Agriculture at \$3,948 Term A to Office Supervisor Agricultural Short Courses at the rate of \$4,440 Term A May 1 to June 30, 1960

Stephanie A Wishnick from Laboratory Technologist College of Veterinary Medicine Division of Veterinary Medicine and Clinics at \$4,800 Term AT to Junior Scientist Pediatrics Research Funds at \$1,494 Term CT (\$4,992 A rate) March 14 to June 30, 1960

Axel O Carlson from Senior Laboratory Animal Attendant Physiology Research Funds at \$2,220 Term CT (\$4,440 A rate) January 1 to June 30, 1960 to Principal Laboratory Animal Attendant at \$1,733 Term CT (\$4,620 A rate) February 16 to June 30, 1960

Sandra L Dupay from Clerk-Typist University of Minnesota Hospitals at \$2,772 Term A to Secretary at the rate of \$3,372 Term A April 1 to June 30, 1960

Janet Mielke General Staff Nurse University of Minnesota Hospitals at \$4,620 Term A to serve as Head Hospital Nurse at the rate of \$4,800 Term AT March 1 to April 1, 1960

Walter J Petrykowski Senior General Mechanic University of Minnesota Hospitals at \$4,800 Term A to serve as General Mechanic Foreman at the rate of \$5,196 Term AT April 11 to May 1, 1960

Violet Simpson Assistant Cook University of Minnesota Hospitals at \$2,880 Term AX to serve as Cook at the rate of \$3,120 Term ATX March 28 to April 22, 1960

Salary Adjustments

Charles E Brill Lecturer School of Journalism from \$500 Term CHT33 (\$4,500 B rate) for the winter quarter of 1959-60 to \$550 Term CHT33 (\$4,950 B rate) for the spring quarter of 1959-60

Keith R Heller Lecturer School of Business Administration and Instructor Administration College of Science Literature and the Arts from \$5,500 Term BX to \$6,000 Term BX for 1959-60

Alice Lewis Instructor English at \$1,004 Term CH67 (\$4,518 B rate) for the spring quarter of 1959-60 to receive \$502 for 33% additional time for the spring quarter of 1959-60

Lorraine K Livingston Instructor English at \$1,004 Term CH67 (\$4,518 B rate) for the spring quarter of 1959-60 to receive \$502 for 33% additional time for the spring quarter of 1959-60

Norbert G Benzel Instructor German at \$1,130 Term CH75 (\$4,518 B rate) for the spring quarter of 1959-60 to receive \$226 for 15% additional time for the spring quarter of 1959-60

Wayne W Schmaedeke Instructor Mathematics Institute of Technology at \$3,200 Term BHT67 (\$4,800 B rate) to continue to receive \$400 for 25% additional time for the spring quarter of 1959-60

Edwin F Humpal, Jr Instructor Mechanical Engineering from \$3,475 Term BHT75 to salary paid directly by the United States Department of Health Education and Welfare Public Health Service Research Fellowship April 1 to June 15, 1960

Roger G Lambert Instructor Plant Pathology and Botany and Research Funds at \$5,425 for 100% time July 1, 1959 to March 31, 1960 and 50% time April 1 to June 30, 1960 to receive \$775 for 50% additional time April 1 to June 30, 1960

John H Spink Clinical Instructor School of Dentistry from without salary to \$1,040 Term CHT50 (\$8,320 A rate) April 1 to June 30, 1960

Nancy K Watrud Instructor University High School at \$3,497 Term BH75 (\$4,662 B rate) to receive \$388 for 25% additional time March 16 to June 15, 1960

Harvey S Hendrickson Instructor School of Business Administration at \$2,277 Term BH50 to receive \$253 for 25% additional time April 15 to June 15, 1960

George W Ulseth Instructor School of Business Administration at \$2,277 Term BH50 to receive \$253 for 25% additional time April 15 to June 15, 1960

Coenraad L Mohr Instructor School of Business Administration at \$2,315 Term BH50 to receive \$772 for 50% additional time for the spring quarter of 1959-60

Jack F Rhode Instructor School of Business Administration at \$2,277 Term BH50 to receive \$759 for 50% additional time for the spring quarter of 1959-60

William C Bonifield Instructor Economics School of Business Administration at \$2,277 Term BH50 (\$4,554 B rate) to receive \$126 for 8% additional time for the spring quarter of 1959-60

Yutaka Okinaka Research Fellow School of Chemistry Research Funds from \$5,208 Term AHT91 (\$5,736 A rate) to \$5,522 Term CT (\$6,024 A rate) July 1, 1959 to May 31, 1960

Marta S Gurtoff Teaching Assistant English at \$1,362 Term BH33 to receive \$227 for 17% additional time for the spring quarter of 1959-60

Catherine V Perry Teaching Assistant English at \$1,362 Term BH33 to receive \$227 for 17% additional time for the spring quarter of 1959-60

Richard G Peterson Teaching Assistant English at \$2,724 Term BH67 to receive \$97 for 7% additional time for the spring quarter of 1959-60

Mary L Reidy Teaching Assistant English from \$908 Term CHX67 for the spring quarter of 1959-60 to \$454 Term CHX33 for the spring quarter of 1959-60

Janet Plane Teaching Assistant German at \$2,043 Term BH50 to receive \$341 for 25% additional time for the spring quarter of 1959-60

Lisbeth Saloschin Teaching Assistant German at \$2,043 Term BH50 to receive \$341 for 25% additional time for the spring quarter of 1959-60

Edward C Hotaling Teaching Assistant School of Journalism at \$1,532 Term BH38 to receive \$170 for 13% additional time for the spring quarter of 1959-60

Boaz Natzitz Teaching Assistant Mathematics College of Science Literature and the Arts at \$2,043 Term BH50 to receive \$170 for 13% additional time for the spring quarter of 1959-60

Howard S Rhoads Teaching Assistant Mathematics College of Science Literature and the Arts from \$1,532 for 75% time for the winter quarter and 38% time for the spring quarter of 1959-60 to \$1,022 Term CH75 for the spring quarter of 1959-60

John B Wood Teaching Assistant Mathematics College of Science Literature and the Arts from \$1,532 Term BHX38 to \$1,022 Term CH75 for the spring quarter of 1959-60

Oya Kaynar Teaching Assistant Interdisciplinary Studies in General Education at \$2,043 Term BH50 to receive \$341 for 25% additional time for the spring quarter of 1959-60

John H Adams Teaching Assistant Romance Languages at \$2,043 Term BH50 to receive \$511 for 38% additional time for the spring quarter of 1959-60

Edward D Blodgett, Jr Teaching Assistant Romance Languages at \$1,362 Term BH33 to receive \$511 for 37% additional time for the spring quarter of 1959-60

Robert F Estelle Teaching Assistant Romance Languages at \$2,043 Term BH50 to receive \$511 for 38% additional time for the spring quarter of 1959-60

Grace A Gale Teaching Assistant Romance Languages at \$2,043 Term BH50 to receive \$511 for 38% additional time for the spring quarter of 1959-60

David R Green Teaching Assistant Romance Languages at \$2,043 Term BH50 to receive \$511 for 38% additional time for the spring quarter of 1959-60

David Lieberman Teaching Assistant Romance Languages at \$2,043 Term BH50 to receive \$306 for 23% additional time for the spring quarter of 1959-60

Mary J Romaniak Teaching Assistant Romance Languages at \$1,362 Term BH33 to receive \$204 for 15% additional time for the spring quarter of 1959-60

Donald G Shamblin Teaching Assistant Romance Languages at \$2,043 Term BH50 to receive \$306 for 23% additional time for the spring quarter of 1959-60

Martha G Shu-Gong Teaching Assistant Slavic and Oriental Languages at \$511 Term BH13 to the rate of \$1,021 Term BH25 March 16 to June 15, 1960

Mei-Sha Hwang Teaching Assistant Slavic and Oriental Languages at \$511 Term BH13 to the rate of \$1,021 Term BH25 March 16 to June 15, 1960

Vadlamudi Pitchaiah Teaching Assistant Mathematics Institute of Technology at \$2,043 Term BH50 to receive \$341 for 25% additional time for the spring quarter of 1959-60

James F Walker, Jr Teaching Assistant School of Physics from \$2,554 Term BH63 to the rate of \$2,043 Term BH50 March 16 to June 15, 1960

John A Duerre Teaching Assistant Bacteriology and Immunology at \$2,043 Term BH50 to receive \$545 for 40% additional time for the spring quarter of 1959-60

Richard W Schuele Teaching Assistant General Education and University High School at \$1,634 Term BH40 to receive \$91 for 10% additional time April 1 to June 15, 1960

Ronald T Lambert Teaching Assistant University Elementary School at \$2,043 Term BH50 and Instructor General Education at \$600 Term BH13 (\$4,518 B rate) to receive \$450 for 30% additional time as Instructor General Education for the spring quarter of 1959-60

Daniel Pearl Teaching Assistant School of Business Administration at \$2,043 Term BH50 to receive \$52 for 6% additional time April 15 to June 15, 1960

Sushila J Gidwani Teaching Assistant Economics School of Business Administration at \$1,022 Term BHX25 to receive \$341 for 25% additional time for the spring quarter of 1959-60

Yoon T Kuark Teaching Assistant Economics School of Business Administration at \$1,022 Term BHX25 to continue to receive \$227 for 17% additional time for the spring quarter of 1959-60

Roger C Hanson Research Assistant Soils Research Funds from \$1,362 Term AHT25 to the rate of \$2,724 Term AHT50 May 16 to June 30, 1960

William G Rothstein Research Assistant Industrial Relations Center from \$511 Term CHT25 February 1 to June 15, 1960 to \$605 Term CHT50 March 28 to June 15, 1960

Charles E KenKnight Research Assistant School of Physics Research Funds from \$1,022 Term BHT25 to the rate of \$2,247 Term BHT55 March 16 to June 15, 1960

David T North Research Assistant Agronomy and Plant Genetics Research Funds at \$2,724 Term AHT50 to receive \$454 for 50% additional time May 1 to June 30, 1960

Lawson L Winton Research Assistant School of Forestry Research Funds at \$1,362 Term AHT25 to receive \$341 for 25% additional time April 1 to June 30, 1960

John F Foley Medical Fellow Specialist Medicine and Research Funds from \$3,148 plus tuition and fees Term A to the rate of \$3,800 Term A April 1 to June 30, 1960

William F Feller Medical Fellow Specialist Surgery Research Funds from \$3,308 plus tuition and fees Term AT to \$915 Term CT (\$3,660 A rate) April 1 to June 30, 1960

Paul R Hartig Medical Fellow Surgery Mt Sinai Hospital Funds from \$2,820 plus tuition and fees Term AT for 1959-60 to with salary paid directly by the Veterans Administration Hospital July 1, 1960 to June 30, 1961

Emilio Echeverri Medical Fellow Surgery Research Funds from without salary other than tuition and fees of \$352 Term C September 8, 1959 to June 30, 1960 to \$71 Term CHT10 April 1 to June 30, 1960

Kuo Tsung-Po Medical Fellow Surgery from without salary to \$71 Term CHT10 April 1 to June 30, 1960

Jacinto Reventos Medical Fellow Surgery from without salary to \$71 Term CHT10 April 1 to June 30, 1960

John C Campbell Medical Fellow Urological Research Mayo Foundation from \$4,200 Term AH to the rate of \$5,000 Term AH April 1 to June 30, 1960

Roe J McCrary Associate Scientist Mines Experiment Station Research Funds from \$6,828 Term AT to the rate of \$7,104 Term AT March 7 to June 30, 1960

Daniel P Benda Senior Securities Analyst Investment Counsel from \$6,564 Term A to the rate of \$6,828 Term A February 16 to June 30, 1960

Walter Barz Experimental Plot Supervisor West Central School and Experiment Station from \$4,800 Term A to the rate of \$4,992 Term A January 1 to June 30, 1960

Oscar Beckstrom Senior Farm Foreman West Central School and Experiment Station from \$5,400 Term A to the rate of \$5,616 Term A January 1 to June 30, 1960

Walter Hokanson Herdsman West Central School and Experiment Station from \$5,400 Term A to the rate of \$5,616 Term A January 1 to June 30, 1960

Haaken A Jenson Painter West Central School and Experiment Station from \$5,400 Term A to the rate of \$5,616 Term A January 1 to June 30, 1960

Glendon G Rose Herdsman West Central School and Experiment Station from \$5,400 Term A to the rate of \$5,616 Term A January 1 to June 30, 1960

John W Kelly Securities Analyst Investment Overhead from \$5,196 Term A to the rate of \$5,844 Term A February 16 to June 30, 1960

Karin B Tinseth Senior Laboratory Technician Psychiatry and Neurology Research Funds from \$1,520 Term CT (\$3,648 A rate) February 1 to June 30, 1960 to \$1,824 Term CT (\$3,648 A rate) January 1 to June 30, 1960

Alma Krims General Staff Nurse University of Minnesota Hospitals from \$4,620 Term A to the rate of \$4,440 Term A April 18 to June 30, 1960

Leaves of Absence

E Adamson Hoebel Professor and Chairman Anthropology leave without salary for the fall and spring quarters of 1960-61 to accept an appointment as Fellow at the Center for Advanced Study in the Behavioral Sciences Stanford, California

Leonard Unger Professor English leave without salary for 1960-61 to serve as Visiting Professor at Duke University

Fred L Kildow Professor School of Journalism sabbatical furlough for 1960-61 to make a survey of high school journalism in

Minnesota both as a curricular and extracurricular activity, plan, find writers for, and edit a series of handbooks for scholastic journalism

Henry W Riecken, Jr Professor Sociology and Laboratory for Research in Social Relations continuation of leave without salary for 1960-61 to serve as Head of the Office of Social Sciences at the National Science Foundation, Bethesda, Maryland

Arnold M Rose Professor Sociology leave without salary for the winter and spring quarters of 1960-61 to accept a grant from the Rockefeller Foundation to do a pilot study of the political power structure in the United States

George B Vold Professor Sociology leave without salary for the fall quarter of 1960-61 to accept an invitation to become Visiting Professor at Pennsylvania State University

Alexander C Hodson Professor Entomology and Economic Zoology leave with salary March 15 to April 15, 1960 on account of illness

Elton L Johnson Professor and Head Poultry Husbandry leave with salary June 4 to July 12, 1960 to attend the Soybean Council of America Inc on a market development program in connection with the Foreign Agricultural Service of the United States Department of Agriculture with time to be spent in Rome, Israel and seminars in Santander, Spain

Theodore W Clymer Professor General Education sabbatical furlough for 1960-61 to study the research programs in reading instruction at a number of major universities of the United States

Gerhard Neubeck Associate Professor Office of the Dean of Students Student Counseling Bureau sabbatical furlough September 16, 1960 to September 15, 1961 to accept a Fulbright grant to lecture on Family Life Education at the Danish Graduate College of Teacher Training in Copenhagen, Denmark

Arvid B Hagen Associate Professor District Supervisor County Extension Work Agricultural Extension Service leave with salary April 6-23, 1960 on account of illness

Frederick M Chapman as Associate Professor Physical Education and Athletics for Men leave without salary June 1-15, 1960 to accept a grant under the Department of State's International Education Exchange Service to visit the Philippines, Singapore and Borneo to develop public recreation programs

Willis L Winter, Jr Assistant Professor School of Journalism leave without salary for 1960-61 to work toward the PhD degree at the University of Illinois

Warren B Stenberg Assistant Professor Mathematics Institute of Technology 50% time leave without salary April 1 to June 15, 1960 to become Associate Director of the Minnesota National Mathematics Laboratory

Naomi M Peterson Assistant Professor School of Business Administration sabbatical furlough for the winter and spring quarters of 1960-61 to study the status of women in management who have been graduated from collegiate programs for administrative assistants

Donald E Olson Assistant Professor Division of Science and Mathematics Duluth leave without salary April 16 to May 15, 1960 to work with the Department of Health Education and Welfare Office of Education Washington, D C

Helmut K Mangold Assistant Professor Hormel Institute leave without salary April 18 to May 31, 1960 on account of death of his mother in Germany

Dorothy Rundorff Instructor Romance Languages 33% time leave without salary for the spring quarter of 1959-60 to work on her thesis

Donald M Barnes Instructor College of Veterinary Medicine Division of Veterinary Diagnostic Laboratories leave without salary for 1960-61 to carry on special work dealing with anaerobic organisms at Montana State College

Stuart V Immer Wabasha County Assistant County Agricultural Agent Instructor Agricultural Extension Service leave with salary March 9 to May 23, 1960 on account of injury while on duty

Keith D Banks Medical Fellow Mayo Foundation continuation of leave without salary April 1 to June 30, 1960 for personal reasons

Ellen K Cohen Medical Fellow Mayo Foundation leave without salary July 1 to September 30, 1960

Arthur S McFee Medical Fellow Surgery Research Funds leave without salary June 16-30, 1960 to be paid on Summer Session budget

George W Hauser Clinic Physician University Health Service continuation of leave with salary April 1 to June 30, 1960 on account of illness

John W Desley Medical Illustrator Medical Art and Photography leave with salary April 11-29, 1960 for jury duty

Mary Jane Teigen Principal Engineer Rosemount Aeronautical Laboratories leave without salary April 1-30, 1960 on account of lack of work

Philip R Morean Principal Account Clerk Office of the Comptroller leave with salary April 18-29, 1960 for annual military training

³Paul M Fisher Building Caretaker Northwest School and Experiment Station leave without salary April 13-22, 1960 for additional vacation

Arndt H W Anderson Senior Farm Laborer Agricultural Experiment Station Rosemount continuation of leave without salary April 1-15, 1960 on account of lack of work

Patricia R Burke Senior Clerk-Typist Graduate School leave without salary March 16-29, 1960 on account of illness

Idella M Weyland Senior Clerk School of Business Administration leave without salary February 29 to March 9, 1960 on account of surgery

Roy E Greve Building Caretaker Physical Plant Duluth leave without salary April 12-18, 1960 on account of illness

Doris H Larson Laboratory Technologist Medicine Research Funds leave without salary March 31 to June 30, 1960 to serve at the Veterans Administration Hospital

Gotfred Edwardson Building Caretaker Physical Plant leave without salary July 6 to August 31, 1960 for a trip to Sweden

Otomars Vitins Building Caretaker Physical Plant leave with salary April 5-19, 1960 and leave without salary April 20 to June 30, 1960 on account of illness

George Persson Operating Engineer Physical Plant leave with salary March 24 to April 29, 1960 on account of illness

Judy M Nordvik Senior Clerk-Typist Rosemount Research Center leave without salary April 8 to June 30, 1960 on account of pregnancy

Jesse D Akin Automotive Mechanic Rosemount Research Center leave without salary March 14-21, 1960 on account of illness

Nellie D Poland Food Service Worker Coffman Union Food Service leave without salary March 30 to April 15, 1960 on account of illness

Olga B Bragee Food Service Worker Cafeteria Duluth leave without salary March 21-25, 1960 on account of cafeteria closing

Marcella Glad Food Service Worker Cafeteria Duluth leave without salary March 21-25, 1960 on account of cafeteria closing

Lillie J Hansen Cook Cafeteria Duluth leave without salary March 18-24, 1960 on account of cafeteria closing

Alta E Jones Cook Cafeteria Duluth leave without salary March 21-25, 1960 on account of cafeteria closing

Wanda de la Cruz Residence Hall Proctor Bailey Hall leave without salary March 21-25, 1960 on account of Bailey Hall closing

Catherine A McCaffrey Senior Secretary Coffman Memorial Union leave without salary July 6 to September 6, 1960 for a trip to Europe

Louise Antolik Laundry Worker Laundry leave without salary April 1-30, 1960 on account of illness

Hilmer A Iverson Animal Hospital Supervisor Animal Hospital leave without salary July 25 to September 1, 1960 for a trip to Europe

Magdaline Bovis Junior Scientist Psychiatry and Neurology Research Funds leave without salary May 16 to June 30, 1960 for travel abroad

Stephanie A Wishnick Laboratory Technologist College of Veterinary Medicine Division of Veterinary Medicine and Clinics leave without salary February 19 to March 13, 1960 for personal reasons

Margaret E Anderson Telephone Operator University of Minnesota Hospitals 50% time leave without salary March 16-31, 1960 for personal reasons

Violet Helander Head Hospital Nurse University of Minnesota Hospitals leave without salary March 24 to April 1, 1960 on account of illness of mother

Beulah Jack Head Hospital Nurse University of Minnesota Hospitals continuation of leave without salary March 26-30, 1960 on account of illness of mother

Edith A Johnson Hospital Aide University of Minnesota Hospitals leave without salary January 1-31, 1960 for personal reasons

Hattie Kinney Hospital Aide University of Minnesota Hospitals leave without salary November 16-30, 1959 for personal reasons

Annella M Kopka Practical Nurse University of Minnesota Hospitals leave without salary October 16-25, 1959 for personal reasons

Lola A Stish Telephone Operator University of Minnesota Hospitals leave without salary March 1-11, 1960 on account of illness

Mary E Walls Hospital Aide University of Minnesota Hospitals leave without salary August 16-21, 1959 for personal reasons

Constance J Warner Pharmacist University of Minnesota Hospitals leave without salary July 18-24, 1959 for personal reasons

Voted to approve the following requests for noncampus service:

Institute of Agriculture

Laddie J. Elling, Associate Professor, Agronomy and Plant Genetics, to serve as consultant to Barzen of Minneapolis, Inc., Minneapolis, Minnesota, from May 1, 1960 to May 31, 1961

Philip W. Manson, Professor, Agricultural Engineering, to serve as consultant to American Concrete Pipe Association, Chicago, Illinois, from January 1, 1960 to indefinite

Robert J. Meade, Professor, Animal Husbandry, to serve as consultant to Harold S. Melcher, Skyview Farms, Trenton, Missouri, from May 1, 1960 to indefinite

Shirley R. Trantanella, Instructor, Horticulture, to serve as consultant to General Mills, Inc., Minneapolis, Minnesota, for a period of three to five weeks from May, 1960 to the first week in June

Institute of Technology

Ernst R. G. Eckert, Professor, Mechanical Engineering, to serve as consultant to Allison Division, General Motors Corporation, Indianapolis, Indiana, from April 6, 1960 to March 31, 1961

Ephraim M. Sparrow, Professor, Mechanical Engineering, to serve as consultant to Chance Vought Aircraft, Dallas, Texas, from March 22, 1960 to March 22, 1961, and to Allison Division, General Motors, Indianapolis, Indiana, from April 12, 1960 to indefinite

Richard A. Swalin, Associate Professor, Metallurgy in the School of Chemistry, to serve as consultant to Minneapolis-Honeywell Research Center, Hopkins, Minnesota, from May 1, 1960 to October 31, 1960

College of Medical Sciences

C. Paul Winchell, Assistant Professor, Medicine, to serve as consultant to Electro-Med, Inc., Minneapolis, Minnesota, from April 1, 1960 to April 1, 1961

College of Pharmacy

George P. Hager, Dean and Professor, to serve as chairman of the Committee on Codification, Ciphering, and Punch-Card Techniques for the National Academy of Sciences-National Research Council—Division of Chemistry and Chemical Technology, from the present to indefinite, and to serve as consultant to Division of Research Grants, National Institutes of Health, from May 1, 1960 to indefinite

Voted to approve the following schedule of meetings of the Board of Regents for 1960-61:

June 11, 1960	Second Saturday	Commencement
July 8, 1960	Second Friday	St. Paul Campus
September 16, 1960	Third Friday	
September 30, 1960	Fifth Friday	
October 1, 1960	First Saturday (No Meeting)	Indiana Editors' and Legislators' Day
October 8, 1960	Second Saturday	Northwestern
October 15, 1960	Third Saturday	Illinois (Homecoming)
October 29, 1960	Fifth Saturday	Kansas State
November 5, 1960	First Saturday	Iowa
November 12, 1960	Second Saturday	Purdue (Dads' Day)
December 9, 1960	Second Friday	
January 13, 1961	Second Friday	
February 10, 1961	Second Friday	
March 10, 1961	Second Friday	
April 14, 1961	Second Friday	
May 12, 1961	Second Friday	Annual Meeting

It was reported to the Board for their information and the record that on the occasion of the visit of the King and Queen of Nepal to Rochester, Minnesota, on May 4, 1960, a greeting was formally presented to Their Majesties on behalf of the University by President Morrill.

The Business Vice President reported for the information of the Board receipt of the following Original Patent Assignment:

Application of Leon Singer and Wallace D. Armstrong
Serial No. 860,725
Filed: December 21, 1959
For: FOOD TREATING PROCESS

Voted to approve the following Patent License Agreement with Cleveland-Cliffs Iron Company, filed supplement to the minutes, page 12,627:

Application of Wayne E. Apuli
Serial No. 2,805,141
Filed: September 3, 1957
For: PELLETIZING PROCESS

Voted to approve License Agreements under the following Patents, filed supplement to the minutes, pages 12,628 through 12,638:

Patent No. 2,703,570
Filed: March 8, 1955
For: APPARATUS FOR THE PRODUCTION OF QUAD-
RUPED MAMMALS
Patent No. 2,881,733
Filed: April 14, 1959
For: BROODER FOR QUADRUPEDS

On recommendation of the Business Vice President and the President voted to approve agreements covering student teaching at the following schools:

Independent School District No. 668, Hills, (Rock County), Minnesota, filed supplement to the minutes, page 12,639
Independent School District No. 177, Windom, (Cottonwood County), Minnesota, filed supplement to the minutes, page 12,640
Independent School District No. 208, Evansville, (Douglas County), Minnesota, filed supplement to the minutes, page 12,641
Independent School District No. 205, West Concord, (Dodge County), Minnesota, filed supplement to the minutes, page 12,642
Independent School District No. 659, Northfield, (Rice County), Minnesota, filed supplement to the minutes, page 12,643

Voted on recommendation of the Business Vice President and the President to approve the following membership:

Minnesota Restaurant Association, Inc., for
the year April, 1960, to April, 1961 \$75.00

On recommendation of the Academic Vice President and the President voted to increase the incidental fee for Duluth from \$17.00 plus \$4.85 included in tuition to \$20.00 plus \$4.85 included in tuition, effective Fall Quarter, 1960. This increase will provide funds for purchase of additional needed books for the Library and will give added funds for operation and building reserve of the Student Health Service. KUMD radio station and the debate team will also receive needed support.

Voted on recommendation of the Academic Vice President and the President to approve the following change of fee for the Institute of Child Development and Welfare, College of Education, effective September 16, 1960:

Present

\$70.00—full day with lunch per qtr.
60.00—half day with lunch per qtr.
30.00—3 afternoons weekly per qtr.
20.00—2 afternoons weekly per qtr.

Proposed

\$50.00—half day without lunch per qtr.
50.00—half day without lunch per qtr.
30.00—3 afternoons weekly per qtr.
20.00—2 afternoons weekly per qtr.

On recommendation of President Morrill, voted to approve the following Resolution:

RESOLUTION

WHEREAS, There is a possibility that the Tyrone Guthrie Repertory Theater may locate in the State of Minnesota, and

WHEREAS, Such a theater would constitute a cultural asset of outstanding significance and national distinction, and

WHEREAS, The presence in this state of the Guthrie Theater would open new possibilities of activity on the part of the University of Minnesota Theater, whether the Guthrie Theater were to be located on the University campus or elsewhere, and

WHEREAS, There would be on the part of the University community generally and the University Theater in particular, a desire to work with the Guthrie Theater group, and to take advantage in every possible way with its presence locally,

Therefore Be It Resolved, That the Regents of the University do express their great interest in the possibility of having the

Guthrie Theater in this state and in this Twin City community, and do pledge that in every manner that is feasible they will encourage the closest of association and cooperation between the University of Minnesota and the Guthrie Theater and its sponsors.

On recommendation of the President voted to authorize the beginning of a four-quarter Technical Certificate Program in Agriculture in the College of Agriculture, Forestry, and Home Economics in place of the present St. Paul School of Agriculture program, effective with the academic year 1960-61.

The President reported for the information of the Board the favorable results of the American Bar Association's evaluation visit to the Law School.

Following a detailed presentation by Dr. R. B. Howard and extensive discussion, voted on recommendation of the Dean of the Medical School and the President to adopt the following "Plan for the Regularization of Private Practice by Members of the Medical School Faculty," filed supplement to the minutes, page 12,644:

1. No full-time member of the faculty shall engage in any outside activity which substantially interferes with his regular University duties. Such employment should contribute to his growth and efficiency in his special field of work.

2. No full-time member of the faculty shall receive from any outside source either an annual retaining fee or a regular salary unless the arrangement shall have been concurred in by the Board of Regents.

3. Any understandings now existing between the University and members of the staff with reference to private practice shall be made a matter of record. This shall apply also to new members of the faculty when they join the University staff. Each faculty member desiring consultation privileges will submit, with the endorsement of his Department Head and the Dean of the College of Medical Sciences, for the approval of the President and the Regents a "Request for Consultation Privileges" form which will constitute a formal, individual record of the agreement reached concerning such privileges. The completed form will include an acknowledgment of the principles adopted herein by the Board of Regents together with other appropriate specifications provided in the "Plan for the Regularization of Private Consultation Practice" as adopted by the Administrative Committee of the College of Medical Sciences.

4. No member of the faculty who engages in consultation or other private practice shall use the official stationery of the University or give as a business address any building or department of the Institution.

5. No member of the staff shall use University facilities, technical equipment, or services for purposes of private practice without payment of a reasonable fee for the privilege enjoyed. Each faculty member exercising the consultation privilege will remit to the Medical School's Facilities, Service and Equipment Fund* five per cent of all fees collected for services rendered to or in connection with private patients in the Medical Center, including both in-patients and out-patients, and for services rendered to or in connection with any other patient when those services are rendered within the Medical Center, as for example in the case of certain diagnostic tests. In recognition of the fact that some faculty members will sharply limit their private consultation practice to a few patients of special teaching and research interest and that even such limited practices result in certain expenses that would not otherwise be encountered, this provision shall not apply to the first \$2000 of such fees collected annually. These funds, to be used only for provision of facilities, service, and equipment provided in connection with private practice, will be administered in accordance with the "Plan for the Regularization of Private Practice" as adopted by the College of Medical Sciences. It is recognized, in accordance with the latter "Plan," that individual departments may require additional remittance to a "Departmental Service Fund," depending upon the method they elect to provide secretarial and other services in connection with private practice.

6. While it is not possible to draw the line definitely between professional service of an expert or consultative character and routine professional work, the University is opposed to the entrance of University men into ordinary competition in the various professional fields.

7. No member of the faculty shall accept employment which shall bring him as an expert or in any other capacity into antagonism to the interests of the State of Minnesota.

8. Every member of the teaching staff who gives professional opinions must protect the University against the use of such opinions for advertising purposes. That is, when a member of the staff does work in a private capacity he must make it clear to those who employ him that his work is unofficial and that the

* This fund, derived from the funds remitted by Faculty Members as required by action of the Regents, will be administered by the University Business Administration with the advice of a Committee consisting of the Director of the Hospitals and four Faculty Members, at least two of whom shall not be Department Heads, with a Chairman to be elected by the Committee. These funds shall be used largely in support of the facilities, services and equipment provided in connection with the professional care of private out-patients, but special arrangements must be made for use of appropriate portions of it in support of facilities, services and equipment used by those clinical Departments to which primary referrals are not made: Anesthesiology, Pathology, Radiology, and Laboratory Medicine.

It is understood that the Medical School Facilities, Services, and Equipment Use Fund does not include provision of secretarial services, billing, telephone calls, etc., in connection with private patients, and Faculty Members are expected to make suitable provisions for these.

name of the University is not in any way to be connected with the transaction.

9. All patients seen in the University Hospitals, both in-patients and out-patients, must be considered available for teaching purposes.

10. Private patients, like all other categories of University Hospital patients, may be seen only on a consultation basis, that is, upon referral by a practicing physician.

11. Full-time faculty members may, in unusual circumstances of a compelling nature, see patients in consultation in other hospitals in response to a request from a private physician. It is understood that in such an instance the faculty member will serve as a consultant only and not assume the responsibility for definitive or continuing care of the patient. Full-time faculty members shall not have staff membership in private hospitals nor shall they maintain private offices for professional practice.

12. The Dean of the College of Medical Sciences is required to provide a complete report on the operation of the "Plan for Regularization of Private Practice" to the President on or before September 1, 1962, covering the first two years of its operation, July 1, 1960 to June 30, 1962. The report should include a summation of professional fees received by staff members during the period, a general description of their distribution among the various departments, a recapitulation of private patient census of University Hospitals, an analysis of the extent to which private patients have been incorporated in the teaching program, and an evaluation by the Department Heads and the Dean as to the effectiveness of the "Plan." A similar report is required at five-year intervals thereafter unless a shorter interval is specified by the President.

Approved by President J. L. Morrill on June 24, 1960.

In conformity with the conditions of Regents' approval at the April 8 Board meeting of the 1960-61 Budget Plan the President reported a change in the Plan resulting from his consultation with the Administrative Committee of the Senate and the Faculty Consultative Committee: Salaries of the Teaching and Research Assistants and Administrative Fellows will be increased approximately 3% instead of 6% as originally proposed.

The Business Vice President discussed with the Board the Report of the Public Examiner on the financial affairs of the University of Minnesota, covering the years ending June 30, 1956, 1957, and 1958, report filed supplement to the minutes, page 12,645.

On recommendation of the Business Vice President voted to accept the bequest in the sum of \$8,000 for the

use and purpose pursuant to the provisions of the Last Will and Testament and the First Codicil thereto of Martha L. Kroesch, decedent. Testatrix was the widow of Dr. Samuel Kroesch, former head of the Department of German, University of Minnesota.

On recommendation of the Business Vice President voted to approve the proposed administrative implementation of the William W. Stout Memorial Fund, filed supplement to the minutes, page 12,646.

The President reported that an Institute for College Trustees is to be held at Harvard University May 30-June 1. Regent Malkerson will represent the University of Minnesota.

Voted to designate Regents Quinlivan, Howard, and Olson as representatives to the Annual Meeting of the Association of Governing Boards of State Universities and Allied Institutions to be held at the University of Washington, Seattle, Washington.

In connection with "open Board meetings" it was agreed that the President should seek to have a joint meeting of the representatives of the Board of Regents with the representatives of the Minnesota Newspaper Association and the Minnesota Chapter of Sigma Delta Chi, or separate meetings on the same day. In connection with this item the President also reported a letter from Representative D. D. Wozniak to Mr. John R. Finnegan, President of the Minnesota Chapter of Sigma Delta Chi.

Mr. Ivar A. Glemming is being transferred from the School of Agriculture on the St. Paul Campus to the Department of Music on the Minneapolis Campus effective as of September 16, 1960. On recommendation of the Business Vice President and the President, voted to permit Mr. Ivar A. Glemming to continue membership in the State Employees Retirement Plan.

Voted to approve applications for contracts and grants totaling \$1,627,840.11, list filed supplement to the minutes, page 12,647.

Regent Malkerson reported for the information of the Board progress on the Washington Avenue Bridge.

The Business Vice President reported the desirability of acquiring the George E. Johnson and Veronica S.

Johnson property located at 1521 Sixth Street, Southeast, Minneapolis, more specifically described as:

The Southeasterly 37 feet of the Northwesterly 72 feet of Lots 11 and 12 in Block 11, University Addition to Minneapolis;

that an appraisal of \$10,000 by Elmer Keefe, President, David C. Bell Company, a reputable commercial appraiser, had been obtained, filed supplement to the minutes, page 12,648, and that an agreement has been reached between the University and the property owners at a price of \$10,000 contingent upon the approval of this purchase agreement by the Board of Regents of the University of Minnesota. On recommendation of the Business Vice President and the President, voted to authorize the Business Vice President to take appropriate steps to consummate the purchase.

The Business Vice President and the President presented for action by the Board the details of the 1961 University program to be presented to the Legislative Building Commission for the Minneapolis and St. Paul Campuses and for the Landscape Arboretum, and the Excelsior Fruit Breeding Farm. The Ten-Year Building Programs for these units of the University were also submitted to the Board. Voted to authorize the Business Vice President and the President and his colleagues to submit this program to the Legislative Building Commission on May 13 and 14 as the Regents' program.

At the request of Associate Dean T. H. Fenske and on recommendation of the Business Vice President and the President voted to authorize Associate Dean Fenske to present to the Legislative Building Commission on date of May 14, the Proposed Ten-Year Building Program for the Northwest School and Station at Crookston.

The Business Vice President reported on the case of Joe Bernard Kish, Assistant Herdsman, North Central Experiment Station. The Board voted to close the case without further action, in accordance with correspondence filed supplement to the minutes, page 12,649.

Voted on recommendation of the University Committee on Honors and the President to approve awarding

of the Outstanding Achievement Award to Arthur B. Poole, filed supplement to the minutes, page 12,650.

On April 8, 1960, Mr. E. B. Stanford, Director of Libraries, reported to the Academic Vice President that during the period January 1 through March 31, 1960, the Library had received 222 donations from 191 individual donors totaling 5,435 items.

Of special interest among the gifts were some 14 cartons of material from Dr. Irvin Kerlan for the Kerlan Collection, a collection of material from Walt Disney, including script for his animated cartoon film on Paul Bunyan, and an author of the original Paul Bunyan stories. Report filed supplement to the minutes, page 12,651.

Voted to approve the following securities transactions of the Investments Committee:

March 1, 1960 through April 30, 1960

ACQUISITIONS

Purchases—Commercial Paper

Temporary Investment Pool—Current Fund

Par Value	Security	Maturity	Cost
\$ 350,000.00	Associates Investment Company	6-30-60	\$ 347,229.17
350,000.00	C. I. T. Financial Corporation	8-1-60	345,682.12
350,000.00	General Motors Acceptance Corporation	7-15-60	346,665.28
250,000.00	Heller, Walter E. & Company	6-30-60	247,766.49
250,000.00	Household Finance Corporation	6-15-60	248,382.81
350,000.00	International Harvester Credit Corporation	6-30-60	347,276.52
250,000.00	Libby, McNeill & Libby	5-31-60	247,963.54
200,000.00	Ralston Purina Company	5-11-60	199,291.67
250,000.00	Seaboard Finance Company.....	6-30-60	247,812.50
200,000.00	Sperry Rand Corporation	6-28-60	198,234.72
250,000.00	Western Auto Supply Company	7-1-60	247,712.67
350,000.00	Yellow Manufacturing Acceptance Corporation	5-31-60	348,293.75

Temporary Investment Pool—Plant Fund

250,000.00	Endicott Johnson Corporation...	5-31-60	247,064.24
100,000.00	Philip Morris, Inc.	5-31-60	98,825.69
150,000.00	Sperry Rand Corporation	6-1-60	148,218.75

Purchases—United States Government Agency Obligations

Student Organizations—Group Investments Fund

Par Value	Security	Maturity	Cost
10,000.00	Federal National Mortgage Association Debentures, 4½%.....	9-10-62	9,975.00

Temporary Investment Pool—Current Fund

500,000.00	Banks for Cooperatives Debentures, 5¼%	9-1-60	503,593.75
1,000,000.00	Federal Home Loan Bank Notes, 4½%	8-15-60	1,005,312.50
500,000.00	Federal Home Loan Bank Notes, 5%	6-15-60	501,875.00
1,000,000.00	Federal Intermediate Credit Bank Debentures, 5.20%	8-1-60	1,006,250.00
750,000.00	Federal National Mortgage Association Notes, 3¾%	8-23-60	750,703.13

Purchases—Corporate Stock

Group Investments Fund

No. of Shares	Security	Class	Cost
400	American Electric Power Company Inc.	Common	20,176.00
400	Ex-Cell-O Corporation	Common	13,204.06
300	Stauffer Chemical Company.....	Common	17,509.38
125	Valley National Bank of Phoenix	Common	5,375.00

DISPOSALS

Maturities—Commercial Paper

Temporary Investment Pool—Current Fund

Par Value	Security	Maturity	Cost	Amount Received
\$ 250,000.00	Archer-Daniels-Midland Company	4-28-60	\$ 247,109.38	\$ 250,000.00
350,000.00	Associates Investment Company	4-15-60	345,576.39	350,000.00
350,000.00	C. I. T. Financial Corporation	4-15-60	345,430.56	350,000.00
350,000.00	Commercial Credit Company	4-15-60	345,527.78	350,000.00
350,000.00	General Motors Acceptance Corporation	3-31-60	346,351.74	350,000.00
250,000.00	Heller, Walter E. & Company	4-15-60	246,654.51	250,000.00

Par Value	Security	Maturity	Cost	Amount Received
250,000.00	Household Finance Corporation	3-15-60	247,921.87	250,000.00
250,000.00	Hunt Foods & Industries, Inc.	4-28-60	246,597.22	250,000.00
205,000.00	Libby, McNeill & Libby	3-30-60	202,834.69	205,000.00
150,000.00	Philip Morris, Inc.	4-28-60	148,458.33	150,000.00
250,000.00	Pillsbury Company	4-29-60	246,354.17	250,000.00
350,000.00	Sears, Roebuck Acceptance Corporation	4-15-60	345,430.56	350,000.00
100,000.00	Sperry Rand Corporation	3-30-60	98,943.75	100,000.00

Maturities—United States Government Agency Obligations

Student Loan Reserve Fund

50,000.00	Federal National Mortgage Association Notes, 5.30%	4-11-60	50,000.00	50,000.00
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Temporary Investment Pool—Current Fund

500,000.00	Banks for Cooperative Debentures, 5½%	4-4-60	500,000.00	500,000.00
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Temporary Investment Pool—Plant Fund

500,000.00	Federal Intermediate Credit Bank Debentures, 4½%	3-1-60	500,000.00	500,000.00
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Maturities—United States Treasury Obligations

Temporary Investment Pool—Current Fund

500,000.00	United States of America Treasury Bills	3-3-60	497,110.00	500,000.00
750,000.00	United States of America Treasury Bills	3-10-60	745,050.00	750,000.00
750,000.00	United States of America Treasury Bills	3-17-60	744,180.00	750,000.00
400,000.00	United States of America Treasury Bills	3-31-60	396,221.33	400,000.00

Sales—Bonds

Group Investments Fund

105,000.00	Boston Edison Company First Mortgage Bonds, 2¾%	12-1-70	103,762.50	88,567.50
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Par Value	Security	Maturity	Cost	Amount Received
100,000.00	Niagara Mohawk Power Corporation General Mortgage Bonds, 3¼%	10-1-83	100,250.00	82,450.00
100,000.00	Pacific Gas and Electric Company First and Refunding Mortgage Bonds, 3%	6-1-74	98,522.01	84,700.00
125,000.00	Southern Natural Gas Company First Mortgage Bonds, 3%	6-1-68	125,937.50	114,687.50
100,000.00	Virginia Electric and Power Company First and Refunding Mortgage Bonds, 2¾%	3-1-75	95,733.29	79,950.00

Sales—Corporate Stocks

Group Investments Fund

No. of Shares	Security	Class	Book Value	Amount Received
3,127	Cincinnati Gas & Electric Company	Common	49,023.83	101,920.56
1,000	First Bank Stock Corporation	Common	20,370.00	48,855.44

Sales—Corporate Stock Rights

Group Investments Fund

No. of Rights	Security	Class	Amount Received
1,400	Pacific Telephone and Telegraph Company, 6%	Preferred	1,665.13
500	Valley National Bank of Phoenix	Common	299.88

Redemptions—United States Treasury Obligations

Group Investments Income Stabilization Reserve Fund

Par Value	Security	Maturity	Cost	Amount Received
10,000.00	United States of America Savings Bonds, Series G, 2½%	3-1-63	Gift	9,730.00

Student Organizations—Group Investments Fund

10,100.00	United States of America Savings Bonds, Series G, 2½%	9-1-62	10,100.00	9,857.60
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Voted to approve the following contracts:

12-14-100-2476(43), U. S. Department of Agriculture, Agricultural Research Service, research in connection with the economics of agricultural production, filed supplement to the minutes, page 12,652

AT(11-1)-50, Supplemental Agreement No. 13, Atomic Energy Commission, extension of contract and allotment of additional funds, filed supplement to the minutes, page 12,653

AF 18(603)-30, Supplemental Agreement No. 5, Air Force, increasing fund allotment and provision of fixed overhead rate for fiscal year ended June 30, 1958, filed supplement to the minutes, page 12,654

AF 41(657)-139, Supplemental Agreement No. 5, Air Force, extending contract period one year, allotment of funds, amending travel clause and revising cost principles to put us under A-21, filed supplement to the minutes, page 12,655

AF 01(611)-674, Change Order No. 2, Air Force, decreasing number of hours of flight instruction and revising contract total, filed supplement to the minutes, page 12,656

AF 49(638)-803, Air Force, Investigation of Magnetic Resonance in Strongly Coupled Dipole Systems, filed supplement to the minutes, page 12,657

AF 49(638)-885, Air Force, Research on Coherent Sheaves over Complex Spaces, filed supplement to the minutes, page 12,658

AF 29(600)-1227, Supplemental Agreement No. 7, Air Force, provision of final overhead rate for period of July 1 to December 31, 1958, filed supplement to the minutes, page 12,659

AF 29(600)-2003, Supplemental Agreement No. 2, Air Force, incorporation of final overhead rate for fiscal year ended June 30, 1959, filed supplement to the minutes, page 12,660

AF 29(600)-2102, Supplemental Agreement No. 1, Air Force, incorporation of final overhead rate for fiscal year ended June 30, 1959, filed supplement to the minutes, page 12,661

Blanket Supplemental Agreement covering the following contracts fixing the overhead rate for the fiscal year ended June 30, 1959, at 40.35% for main campus and 65.28% for the Rosemount Aeronautical Laboratory:

AF 33(616)-3241, Supplement No. 10, filed supplement to the minutes, page 12,662

AF 33(616)-3569, Supplement No. 7, filed supplement to the minutes, page 12,663

AF 33(616)-3755, Supplement No. 11, filed supplement to the minutes, page 12,664

AF 33(616)-3960, Supplement No. 4, filed supplement to the minutes, page 12,665

AF 33(616)-5426, Supplement No. 3, filed supplement to the minutes, page 12,666

- AF 33(616)-5440, Supplement No. 3, filed supplement to the minutes, page 12,667
- AF 33(616)-5449, Supplement No. 4, filed supplement to the minutes, page 12,668
- AF 33(616)-5479, Supplement No. 5, filed supplement to the minutes, page 12,669
- AF 33(616)-5528, Supplement No. 4, filed supplement to the minutes, page 12,670
- AF 33(616)-5723, Supplement No. 3, filed supplement to the minutes, page 12,671
- AF 33(616)-6037, Supplement No. 4, filed supplement to the minutes, page 12,672
- AF 33(616)-6077, Supplement No. 2, filed supplement to the minutes, page 12,673
- AF 33(616)-6239, Supplement No. 3, filed supplement to the minutes, page 12,674
- AF 33(616)-6372, Supplement No. 4, filed supplement to the minutes, page 12,675
- AF 33(616)-6455, Supplement No. 2, filed supplement to the minutes, page 12,676

In addition, the Supplemental Agreement provides provisional rates for contracts in effect during fiscal year beginning July 1, 1959, and the following contracts which became effective July 1, 1959, or later:

- AF 33(616)-6611, Supplement No. 1, filed supplement to the minutes, page 12,677
- AF 33(616)-6814, Supplement No. 1, filed supplement to the minutes, page 12,678
- AF 33(616)-6828, Supplement No. 1, filed supplement to the minutes, page 12,679
- AF 33(616)-7034, Supplement No. 1, filed supplement to the minutes, page 12,680

Blanket Supplemental Agreement covering the following contracts incorporating revised cost principles contained in Revision 40, Armed Services Procurement Regulations, which in effect places all of these contracts under the new cost principles first issued under Circular A-21:

- AF 33(616)-3755, Supplement No. 12, filed supplement to the minutes, page 12,681
- AF 33(616)-5426, Supplement No. 4, filed supplement to the minutes, page 12,682
- AF 33(616)-5440, Supplement No. 4, filed supplement to the minutes, page 12,683
- AF 33(616)-5449, Supplement No. 5, filed supplement to the minutes, page 12,684
- AF 33(616)-5479, Supplement No. 6, filed supplement to the minutes, page 12,685

AF 33(616)-5528, Supplement No. 5, filed supplement to the minutes, page 12,686
AF 33(616)-5723, Supplement No. 4, filed supplement to the minutes, page 12,687
AF 33(616)-6037, Supplement No. 5, filed supplement to the minutes, page 12,688
AF 33(616)-6077, Supplement No. 3, filed supplement to the minutes, page 12,689
AF 33(616)-6239, Supplement No. 4, filed supplement to the minutes, page 12,690
AF 33(616)-6372, Supplement No. 5, filed supplement to the minutes, page 12,691
AF 33(616)-6455, Supplement No. 3, filed supplement to the minutes, page 12,692
AF 33(616)-6611, Supplement No. 2, filed supplement to the minutes, page 12,693
DA-18-064-404-CML-433, Modification No. 2, Army, provision of final overhead rate of 40.35% for the period June 16-30, 1959, filed supplement to the minutes, page 12,694
DA-11-022-ORD-3067, Modification No. 1, Army, extension of contract period one year to May 31, 1961, allotment of funds, fixing overhead rate at 40.35% for period ended June 30, 1959, provision of provisional billing rate of 41%, and general provisions brought up to date by the addition of a revised Title II, filed supplement to the minutes, page 12,695

Blanket Supplemental Agreement covering the following contracts providing final overhead rate of 40.35% for fiscal year ended June 30, 1959:

N8onr-66208, Amendment No. 14, filed supplement to the minutes, page 12,696
Nonr-710(04), Amendment No. 18, filed supplement to the minutes, page 12,697
Nonr-710(10), Amendment No. 13, filed supplement to the minutes, page 12,698
Nonr-710(14), Amendment No. 10, filed supplement to the minutes, page 12,699
Nonr-710(15), Amendment No. 10, filed supplement to the minutes, page 12,700
Nonr-710(17), Amendment No. 7, filed supplement to the minutes, page 12,701
Nonr-710(18), Amendment No. 11, filed supplement to the minutes, page 12,702
Nonr-710(19), Amendment No. 8, filed supplement to the minutes, page 12,703
Nonr-710(21), Amendment No. 7, filed supplement to the minutes, page 12,704
Nonr-710(22), Amendment No. 16, filed supplement to the minutes, page 12,705

Nonr-710(23), Amendment No. 6, filed supplement to the minutes, page 12,706
Nonr-710(24), Amendment No. 4, filed supplement to the minutes, page 12,707
Nonr-710(25), Amendment No. 4, filed supplement to the minutes, page 12,708
Nonr-710(26), Amendment No. 3, filed supplement to the minutes, page 12,709
Nonr-710(27), Amendment No. 3, filed supplement to the minutes, page 12,710
Nonr-710(29), Amendment No. 3, filed supplement to the minutes, page 12,711
Nonr-710(30), Amendment No. 2, filed supplement to the minutes, page 12,712

Nonr-710(20), Amendment No. 6, Navy, fixing overhead rate at 40.35% for period July 1, 1958, to September 30, 1959, filed supplement to the minutes, page 12,713

Nonr-710(32), Amendment No. 1, Navy, amending provisional billing rate to 41%, filed supplement to the minutes, page 12,714

Nonr-1514(00), Amendment No. 2, Navy, extension of contract period four years, allotment of funds, and bringing general provisions up to date, filed supplement to the minutes, page 12,715

NObs-72117, Amendment No. 7, fixing overhead rate for fiscal year ended June 30, 1959, and provision of current billing rate of 41%, filed supplement to the minutes, page 12,716

NBy-3143, Change "D," fixing overhead rate at 40.35% for period July 1, 1958, to June 30, 1959, filed supplement to the minutes, page 12,717

NASw-56, Amendment No. 1, National Aeronautics and Space Administration, expansion of statement of work, filed supplement to the minutes, page 12,718

NsG-79-60, National Aeronautics and Space Administration, research grant to continue program in photosynthesis, closed ecological system, granting funds effective over a 2-year period beginning June 1, 1960, filed supplement to the minutes, page 12,719

No. M-3073, State of Minnesota, Department of Health, Strontium 90 Levels in the Brainerd Milk Shed Area, filed supplement to the minutes, page 12,720

Subcontract No. 31-109-38-1092, Argonne National Laboratory, amending contract by additional funds, filed supplement to the minutes, page 12,721

AF 33(608)-573, Air Force, instruction for Air Force personnel beginning on or after July 1, 1960, filed supplement to the minutes, page 12,722

Statement of Charges No. 1749, Veterans Administration, covering Business Law at General Extension Division Spring Semester, filed supplement to the minutes, page 12,723

Voted to accept with thanks the following gifts:

Governmental Research

Donor	U. S. Public Health Service
Amount	\$57,636
Fund	U. S. Public Health Service—Immunology
Purpose	To establish a fund to support research in the field of immuno-pathology in accordance with statement filed supplement to the minutes, page 12,724
Donor	U. S. Public Health Service
Amount	\$51,641
Fund	U. S. Public Health Service—Electron Microscope for Veterinary Medical Research
Purpose	To establish a fund to support research on electron microscope for veterinary medical research in accordance with statement filed supplement to the minutes, page 12,725
Donor	National Science Foundation
Amount	\$51,200
Fund	National Science Foundation—Measurement of Prandtl Number and Heat Conductivity of Gases
Purpose	To establish a fund to support measurement of prandtl number and heat conductivity of gases in accordance with statement filed supplement to the minutes, page 12,726
Donor	U. S. Public Health Service
Amount	\$45,040
Fund	U. S. Public Health Service—Research on Encephalomyelitis
Donor	U. S. Public Health Service
Amount	\$33,722
Fund	U. S. Public Health Service—Problems of Nerve Cell Physiology
Purpose	To establish a fund to support research on problems of nerve cell physiology in accordance with statement filed supplement to the minutes, page 12,727
Donor	U. S. Public Health Service
Amount	\$28,750
Fund	U. S. Public Health Service—Research on Radiation Effects of Radioisotopes
Donor	National Science Foundation
Amount	\$26,700
Fund	National Science Foundation—Coalescence Rates in Dynamic Liquid—Liquid Systems
Purpose	To establish a fund to support research on coalescence rates in dynamic liquid—liquid systems in accordance with statement filed supplement to the minutes, page 12,728

Donor	National Science Foundation
Amount	\$26,700
Fund	National Science Foundation—Study of Dissociation Effects in Front of Blunt Aerodynamic Bodies at Hypersonic Air Speeds and Temperatures up to 5000°
Purpose	To establish a fund to support the study of dissociation effects in front of blunt aerodynamic bodies at hypersonic air speeds and temperatures up to 5000° in accordance with statement filed supplement to the minutes, page 12,729
Donor	U. S. Public Health Service
Amount	\$23,932
Fund	U. S. Public Health Service—Research on Dietary Factors and Blood Lipids
Donor	U. S. Public Health Service
Amount	\$22,061
Fund	U. S. Public Health Service—Research on Maladjusted Boys
Donor	U. S. Public Health Service
Amount	\$21,850
Fund	U. S. Public Health Service—Research on Psychotic Disorders
Donor	U. S. Public Health Service
Amount	\$20,025
Fund	U. S. Public Health Service—Research on Parametric Electrocardiography
Donor	U. S. Public Health Service
Amount	\$20,000
Fund	U. S. Public Health Service—Electrophysiological Studies of Learning
Purpose	To establish a fund to support research on electrophysiological studies of learning in accordance with statement filed supplement to the minutes, page 12,730
Donor	U. S. Public Health Service
Amount	\$18,336
Fund	U. S. Public Health Service—Metabolic Interconversion of Lipides
Purpose	To establish a fund to support research on metabolic interconversion of lipides in accordance with statement filed supplement to the minutes, page 12,731
Donor	U. S. Public Health Service
Amount	\$15,476
Fund	U. S. Public Health Service—Potassium Metabolism and Acid Bath Base Balance
Purpose	To establish a fund to support research on potassium metabolism and acid bath base balance in accordance with statement filed supplement to the minutes, page 12,732

Donor	U. S. Public Health Service
Amount	\$15,185
Fund	U. S. Public Health Service—Cell Culture Collection Coordinating Committee
Purpose	To establish a fund to support research in cell culture collection coordinating committee in accordance with statement filed supplement to the minutes, page 12,733
Donor	U. S. Public Health Service
Amount	\$14,628
Fund	U. S. Public Health Service—Urinary Acid Phosphatase in Prostatic Cancer
Purpose	To establish a fund to support research in urinary acid phosphatase in prostatic cancer in accordance with statement filed supplement to the minutes, page 12,734
Donor	U. S. Public Health Service
Amount	\$14,515
Fund	U. S. Public Health Service—Cellular Control Mechanisms, Interaction of Intracellular Enzyme Systems and Fibrinogen Structure
Purpose	To establish a fund to support research on cellular control mechanisms, interaction of intracellular enzyme systems and fibrinogen structure in accordance with statement filed supplement to the minutes, page 12,735
Donor	U. S. Public Health Service
Amount	\$13,559
Fund	U. S. Public Health Service—Enzyme Levels in Human Gastric Mucosa
Purpose	To establish a fund to support research on enzyme levels in human gastric mucosa in accordance with statement filed supplement to the minutes, page 12,736
Donor	U. S. Public Health Service
Amount	\$13,224
Fund	U. S. Public Health Service—Application of Indicator Dilution Technics to Measurement of Organ Blood Flow
Purpose	To establish a fund to support research on application of indicator dilution technics to measurement of organ blood flow in accordance with statement filed supplement to the minutes, page 12,737
Donor	U. S. Public Health Service
Amount	\$13,010
Fund	U. S. Public Health Service—Studies on Intravascular Clotting
Purpose	To establish a fund to support studies on intravascular clotting in accordance with statement filed supplement to the minutes, page 12,738

Donor Amount Fund	U. S. Public Health Service \$12,984
Purpose	U. S. Public Health Service—Age, Sex, and Hormone Variation and Dermal Metabolism To establish a fund to support research on age, sex, and hormone variation and dermal metabolism in accordance with statement filed supplement to the minutes, page 12,739
Donor Amount Fund	U. S. Public Health Service \$12,694
Purpose	U. S. Public Health Service—Construction and Evaluation of Artificial Heart Valves To establish a fund to support research on the construction and evaluation of artificial heart valves in accordance with statement filed supplement to the minutes, page 12,740
Donor Amount Fund	U. S. Public Health Service \$12,190
Purpose	U. S. Public Health Service—Histochemistry of Nervous System Proliferation To establish a fund to support research on the histochemistry of nervous system proliferation in accordance with statement filed supplement to the minutes, page 12,741
Donor Amount Fund	U. S. Public Health Service \$12,075
Purpose	U. S. Public Health Service—Research on the Cardiovascular System
Donor Amount Fund	U. S. Public Health Service \$11,714
Purpose	U. S. Public Health Service—Research on the Role Conception of Nursing
Donor Amount Fund	U. S. Public Health Service \$11,500
Purpose	U. S. Public Health Service—Research on Ontogenesis of an Epileptic Lesion
Donor Amount Fund	U. S. Public Health Service \$10,956
Purpose	U. S. Public Health Service—Research on Aphasia
Donor Amount Fund	U. S. Public Health Service \$10,867
Purpose	U. S. Public Health Service—Visual Mechanisms To establish a fund to support research on visual mechanisms in accordance with statement filed supplement to the minutes, page 12,742

Donor Amount Fund	U. S. Public Health Service \$9,750 U. S. Public Health Service—Research on Surgical Therapy of Coronary Disease
Donor Amount Fund	U. S. Public Health Service \$9,373 U. S. Public Health Service—Research on Adrenal Cortical Steroid Output
Donor Amount Fund	U. S. Public Health Service \$9,315 U. S. Public Health Service—Research on Carcinogenesis
Donor Amount Fund	U. S. Public Health Service \$8,910 U. S. Public Health Service—Renal Function Related to Total Body Perfusion
Purpose	To establish a fund to support research on renal function related to total body perfusion in accordance with statement filed supplement to the minutes, page 12,743
Donor Amount Fund	U. S. Public Health Service \$8,503 U. S. Public Health Service—Research on Hemorrhagic Shock
Donor Amount Fund	U. S. Public Health Service \$4,825 U. S. Public Health Service—The Chemical Investigation of Royal Jelly
Purpose	To establish a fund to support the chemical investigation of royal jelly in accordance with statement filed supplement to the minutes, page 12,744
Donor Amount Fund	U. S. Public Health Service \$500 U. S. Public Health Service—Identification of Melanin in Patients with Melanoma
Purpose	To establish a fund to support research in the identification of melanin in patients with melanoma in accordance with statement filed supplement to the minutes, page 12,745
Donor Amount Fund	U. S. Public Health Service \$100 U. S. Public Health Service—Prediction of Need Achievement
Purpose	To establish a fund to support research on the prediction of need achievement in accordance with statement filed supplement to the minutes, page 12,746

Nongovernmental Research

Donor	American Cancer Society
Amount	\$66,772
Fund	American Cancer Society—In-Vivo Balloon Study
Purpose	To establish a fund to support research in in-vivo balloon study in accordance with statement filed supplement to the minutes, page 12,747
Donor	American Cancer Society
Amount	\$43,672
Fund	American Cancer Society—Cells, Viruses and Cancer
Donor	American Cancer Society
Amount	\$32,000
Fund	American Cancer Society—Possible Detection of Cancer by Blood “Malignolipin” Analysis
Purpose	To establish a fund to support research on possible detection of cancer by blood “malignolipin” analysis in accordance with statement filed supplement to the minutes, page 12,748
Donor	Louis W. and Maud Hill Family Foundation
Amount	\$27,785
Fund	Louis W. and Maud Hill Family Foundation—Research on Shock
Donor	American Heart Association
Amount	\$18,150
Fund	American Heart Association—Research on the Physiology of Renal
Donor	General Electric Company
Amount	\$15,027
Fund	General Electric Company—Study on Long Term Financial Planning and Consumption
Donor	Alfred P. Sloan Foundation
Amount	\$9,200
Fund	Alfred P. Sloan Foundation—Fundamental Research in Physics
Donor	American Heart Association
Amount	\$8,800
Fund	American Heart Association—Heart Research—Dr. Grande
Donors	Various
Amount	\$8,300
Fund	Pharmaceutical Education and Research Fund

Donor Amount Fund Purpose	American Potash Institute \$7,500 American Potash Institute Incorporated Fund To establish a fund to support studies of the use of potassium in accordance with statement filed supplement to the minutes, page 12,749
Donor Amount Fund	American Heart Association \$6,899.20 American Heart Association—Research on Fatty Acids and Artherosclerosis
Donor Amount Fund	Schering Corporation \$6,600 Schering Corporation—Research on Sex Hormones and Cortisone
Donors Amount Fund	Various \$5,217.62 Cancer Research Fund
Donors Amount Fund	Various \$4,217.82 Heart Disease Research Fund
Donor Amount Fund Purpose	Insulation Board Institute \$3,700 Insulation Board Institute—Research on Preservation of Insulating Board To continue support of research under the direction of the Agricultural Experiment Station in accordance with agreement filed supplement to the minutes, page 12,750
Donors Amount Fund	Various \$2,815.80 Rose Wangensteen Memorial Fund for Surgical Research in Heart Disease
Donor Amount Fund Purpose	World Health Organization \$2,000 World Health Organization—Research on Brucellosis To establish a fund to support research on brucellosis in accordance with statement filed supplement to the minutes, page 12,751
Donor Amount Fund Purpose	Abbott Laboratories \$2,000 Abbott Laboratories Fund for the Study of Anesthesia in Horses To establish a fund to support the study of anesthesia in horses in accordance with statement filed supplement to the minutes, page 12,752

Donors	Various
Amount	\$1,427
Fund	Malignant Disease Research Fund
Donor	Upjohn Company
Amount	\$1,375
Fund	Upjohn Company—Diabetes
Donor	Salkin Foundation
Amount	\$1,000
Fund	Salkin Foundation Fund for Surgical Research in Cancer
Purpose	To establish a fund to support research in cancer in accordance with statement filed supplement to the minutes, page 12,753
Donors	Various
Amount	\$917
Fund	Research on Hodgkins Disease
Donor	Sister Elizabeth Kenny Foundation
Amount	\$500
Fund	Sister Elizabeth Kenny Foundation Inc.—Research on Polio Vaccination
Purpose	To establish a fund to support research on polio vaccination in accordance with statement filed supplement to the minutes, page 12,754
Donors	Various
Amount	\$387.15
Fund	Special Research—Surgery
Donor	Sigma Delta Tau Foundation
Amount	\$150
Fund	Sigma Delta Tau Foundation—Research in Blood Disease
Donor	Dr. L. F. Nelson
Amount	\$50
Fund	McQuarrie Pediatrics Fund
Donor	Dr. Catherine McGregor
Amount	\$50
Fund	Radiation Therapy—Cancer Research Fund
Donor	Mrs. Harry B. Zimmerman
Amount	\$15
Fund	Harry B. Zimmerman Fund for Surgical Research
Donor	C. B. Mills, Jr.
Amount	\$10
Fund	Medical School General Purpose Fund
Donor	Joseph Goldberg
Amount	\$2
Fund	American Legion Heart Research Professorship

Scholarships, Fellowships, Prizes and Awards

Donor	Minnesota Association for Mental Health, Inc.
Amount	\$36,300
Fund	Minnesota Association for Mental Health, Inc.—Fellowship in Psychiatry
Donor	Alfred P. Sloan Foundation
Amount	\$14,030
Fund	Alfred P. Sloan Foundation—Research Fellowship in Chemistry
Purpose	To establish a fund to support a research fellowship in chemistry in accordance with statement filed supplement to the minutes, page 12,755
Donor	Brewing Industries Research Institute
Amount	\$8,500
Fund	Brewing Industries Research Institute—Post-Doctoral Fellowship in Carbohydrate Chemistry
Purpose	To establish a fund to support a post-doctoral fellowship in carbohydrate chemistry in accordance with statement filed supplement to the minutes, page 12,756
Donor	General Electric Foundation
Amount	\$5,000
Fund	General Electric Foundation—Graduate Research and Study Grants—Psychology
Purpose	To establish a fund to support a graduate research and study grant in psychology in accordance with statement filed supplement to the minutes, page 12,757
Donor	Monsanto Chemical Company
Amount	\$2,650
Fund	Monsanto Chemical Company Fellowship in Chemistry
Donor	John Brandt Memorial Foundation
Amount	\$2,580
Fund	John Brandt Memorial Foundation Fellowship
Donor	Minneapolis-Honeywell Regulator Company
Amount	\$2,500
Fund	Minneapolis-Honeywell Regulator Company Fellowship—I. T. Mathematics
Purpose	To establish a fund to support a fellowship in I.T. mathematics in accordance with statement filed supplement to the minutes, page 12,758
Donor	Allied Chemical Corporation
Amount	\$2,500
Fund	Allied Chemical and Dye Corporation Fellowship in Chemical Engineering
Donor	Collins Radio Company
Amount	\$2,000
Fund	Collins Radio Company Scholarship

Donors	Various
Amount	\$2,000
Fund	Minnesota Law Firm Scholarship Fund
Purpose	To establish a fund to support a law scholarship in accordance with statement filed supplement to the minutes, page 12,759
Donors	Various
Amount	\$1,929.34
Fund	All-University Scholarship Fund
Donor	Northwest Feed Manufacturers Association
Amount	\$1,800
Fund	Northwest Feed Manufacturers Association Scholarship
Donors	Various
Amount	\$1,724
Fund	Minnesota Alumni Scholarship Fund
Donor	Borden Company Foundation, Inc.
Amount	\$1,500
Fund	Borden Agricultural Scholarship Award
Donor	American Foundation for Pharmaceutical Education
Amount	\$1,500
Fund	American Foundation for Pharmaceutical Education Student Grants
Donor	Rockefeller Foundation
Amount	\$1,200
Fund	Concerts and Lectures—Special Projects
Purpose	To establish a fund to provide a one year scholarship to Joseph Sivo a Hungarian refugee violonist now in Vienna in accordance with statement filed supplement to the minutes, page 12,760
Donor	Anonymous
Amount	\$1,049.39
Fund	James Lewis Morrill Scholarship Fund
Donor	Nash Foundation
Amount	\$750
Fund	Nash Foundation Scholarship Fund
Donors	Various
Amount	\$750
Fund	Foreign Student Emergency Aid and Scholarship
Donor	Norwegian Luncheon Club
Amount	\$610
Fund	Norwegian American Fellowship Fund
Donor	R. D. Longyear
Amount	\$500
Fund	Edmund J. Longyear Memorial Scholarship

Donor	University Bookstores
Amount	\$433.38
Fund	University Bookstores Scholarship Fund
Donor	Minnesota State Veterinary Medical Society
Amount	\$426
Fund	Minnesota State Veterinary Medical Society Scholarship
Donors	Various
Amount	\$395.25
Fund	Duluth Scholarship Fund
Donor	Alpha Zeta Alumni Association
Amount	\$375
Fund	Alpha Zeta Traveling Scholarship
Donor	Maytag Foundation
Amount	\$200
Fund	Maytag Foundation Commerce Scholarship
Donor	Maytag Foundation
Amount	\$200
Fund	Maytag Foundation Engineering Scholarship
Donor	Twin Cities Chemical and Allied Trades Association, Inc.
Amount	\$200
Fund	Twin Cities Chemical and Allied Trades Association, Inc. Scholarship
Purpose	To establish an undergraduate scholarship to assist a student in chemistry or chemical engineering who has completed at least one quarter of work at the Uni- versity in accordance with statement filed supplement to the minutes, page 12,761
Donor	National Society of Colonial Dames of America in the State of Minnesota
Amount	\$200
Fund	National Society of Colonial Dames of America in the State of Minnesota Scholarship
Donor	Alpha Gamma Rho—Lambda Chapter
Amount	\$150
Fund	Alpha Gamma Rho—Lambda Chapter Scholarship
Donor	Phi Upsilon Omicron Alumni Association
Amount	\$150
Fund	Phi Upsilon Omicron Fund
Donor	St. Paul Campus Faculty Women's Club
Amount	\$150
Fund	Agricultural Faculty Women's Club Home Economics Scholarship
Donor	Faculty Women's Club
Amount	\$150
Fund	Anne Dudley Blitz Scholarship

Donor	Faculty Women's Club
Amount	\$150
Fund	Faculty Women's Club (Students Section) Scholarship
Donor	Alpha Phi Omega
Amount	\$107.50
Fund	Alpha Phi Omega Scholarship
Donor	Women's Auxiliary to the Minnesota State Veterinary Medical Society
Amount	\$75
Fund	Women's Auxiliary to the Minnesota State Veterinary Medical Society Award
Donor	Anonymous
Amount	\$50
Fund	Hospital Administration Class of 1954 Award The provisions for the basis of this award is herewith revised in accordance with a letter written by James R. Startzman to James Hamilton dated March 15, 1960
Donor	Women's Club of Richfield
Amount	\$50
Fund	Women's Club of Richfield Scholarship in Nursing
Donor	Minnesota State Veterinary Medical Society
Amount	\$25
Fund	Minnesota State Veterinary Medical Society Award
Donor	United Cerebral Palsy Research and Educational Foundation
Amount	\$25
Fund	United Cerebral Palsy Scholarship in Occupational Therapy

Miscellaneous

Donor	Carnegie Corporation of New York
Amount	\$110,000
Fund	Carnegie Corporation of New York Project for Continuing Education of Women
Purpose	To establish a fund to support continuing education of women in accordance with statement filed supplement to the minutes, page 12,762
Donor	U. S. Public Health Service
Amount	\$81,351
Fund	U. S. Public Health Service—Training Program in Anatomical Science
Donor	Masonic Cancer Relief Committee of Minnesota, Inc.
Amount	\$64,107.76
Fund	Masonic Memorial Hospital Fund

Donor	Council on Economic and Cultural Affairs Incorporated
Amount	\$14,300
Fund	Council on Economic and Cultural Affairs Incorporated Special Summer Training Course in Agricultural Economics for Graduate Students from the Far East
Purpose	To establish a fund to support a special summer training course in agricultural economics for graduate students from the Far East in accordance with statement filed supplement to the minutes, page 12,763
Donor	Institute of International Education
Amount	\$10,170.60
Fund	Institute of International Education—Orientation Program for Foreign Students
Purpose	To establish a fund to support an orientation program for foreign students in accordance with statement filed supplement to the minutes, page 12,764
Donor	Collins Radio Company
Amount	\$5,500
Gift	Communication Equipment to the Department of Electrical Engineering
Donor	Earle Brown
Amount	\$3,000
Fund	Short Course Building for St. Paul Campus Fund
Donor	Hospital Auxiliary Section of the Faculty Women's Club
Amount	\$2,102.50
Fund	University of Minnesota Hospitals
Donors	Various
Amount	\$1,516
Fund	4-H Revolving Fund
Donor	Charles W. Giesen
Amount	\$1,000
Fund	Dermatology Clinic Fund
Donors	Various
Amount	\$728.68
Fund	Variety Club Heart Hospital Equipment Fund
Donor	Mrs. John Rood
Amount	\$700
Fund	John Rood Collection
Donor	H. Rowatt Brown
Amount	\$500
Fund	Frances Miller Brown Endowment Fund
Donor	International Business Machines Corporation
Amount	\$250
Gift	Surplus equipment from IBM plant in Endicott, New York for the Department of Electrical Engineering

Donor	Franklin Manufacturing Company
Amount	\$200
Gift	Model H-179 Franklin Freezer for use as a low-temperature facility for use in experimental activities in the Department of Mechanical Engineering
Donors	Various
Amount	\$171.50
Fund	Masonic Memorial Hospital Equipment Fund
Donor	DeZurik, Inc.
Amount	\$220
Gift	2 valves for the process control laboratories in the Department of Electrical Engineering
Donors	Various
Amount	\$140
Fund	International Relations and Area Studies
Donor	Briggs and Stratton Corporation
Amount	\$110
Gift	Two small engines to be used for teaching purposes to the Institute of Agriculture
Donor	Bernard J. Spencer
Amount	\$50
Fund	Surgeon's Surgical Historical Collection

Voted to approve the report of the Business Vice President to the Chairman of the Executive and Finance Committee, filed supplement to the minutes, page 12,765.

Voted to approve transfers of funds No. 501 to No. 1000 inclusive.

Voted to approve journal vouchers No. 35001 to No. 37500 inclusive.

Voted to approve requisitions No. 54075 to No. 58698 inclusive.

Voted to adjourn.

L. R. LUNDEN, Secretary