

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

MINUTES

June 15, 1963

A meeting of the Board of Regents was held in the Regents' Room, Morrill Hall, on Saturday, June 15, 1963, at 9:30 a.m.

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

Absent: Regents Gainey and Olson.

APPROVAL OF MINUTES

Voted to approve the minutes of the following meetings:

Board of Regents of November 10, 1962

Board of Regents of December 14, 1962

Physical Plant Committee Minutes of December 14, 1962

Draft of the Minutes for the meeting of May 10, 1963

AMENDMENTS TO THE MINUTES

Voted to approve the following amendments to the minutes:

June 9, 1962 Robert W Bath Assistant Professor, Assistant State Leader 4-H Club Agricultural Extension Service on leave without salary July 1, 1962 to June 30, 1963 to read July 1, 1962 to June 15, 1963 (returned early)

November 10, 1962 Andrew J Hein Assistant Dean and Instructor Graduate School 10% time leave without salary October 1, 1962 to June 15, 1963 to read October 1, 1962 to May 22, 1963 (returned to full time)

December 14, 1962 continuation appointment for Theresa C Lee Associate Scientist at \$1,501 Term CHTX50 (\$8,004 A rate) October 16, 1962 to February 28, 1963 to read \$3,668 Term CTX (\$8,004 A rate) October 16, 1962 to March 31, 1963 (adjusted to 100% time with leave of absence without salary for 50% of time due to lack of funds)

PERSONNEL CHANGES

Voted to approve the following personnel changes:

Retirements

Harold Macy as Dean and Professor Emeritus Institute of Agriculture effective July 31, 1963

Julius M Nolte as Dean-Professor Emeritus Extension Division effective June 30, 1963

Isaac J Armstrong as Director-Professor Emeritus Physical Education and Athletics for Men effective June 30, 1963

Lennox A Mills as Professor Emeritus Political Science effective June 15, 1963

Emmert M Brackney as Professor Emeritus Romance Languages effective June 15, 1963

Raymond L Grismer as Professor Emeritus Romance Languages effective June 15, 1963

Thomas L Joseph as Professor Emeritus School of Mines and Metallurgy effective June 15, 1963

Elmer R Ausemus as Professor Emeritus Agronomy and Plant Genetics effective June 30, 1963

Tracy F Tyler as Professor Emeritus College of Education and Assistant to Vice President of Academic Administration effective June 30, 1963

John H Grindlay as Professor Emeritus Surgery Mayo Foundation effective December 31, 1962

Frank H Krusen as Professor Emeritus Physical Medicine and Rehabilitation Mayo Foundation effective June 30, 1963

James D Kelly as Professor Emeritus Physical Education and Athletics for Men effective June 15, 1963

Nanna Jelstrup as Assistant Professor Emeritus West Central School of Agriculture effective June 15, 1963

Roger S Harris as Assistant Professor Emeritus Extension Specialist Soil Conservation Agricultural Extension Service effective August 10, 1963

Fern B Johnson as Instructor Emeritus West Central School of Agriculture effective April 15, 1963

Victor P Hauser as Clinical Associate Professor Emeritus Surgery effective June 30, 1963

Edward A Regnier as Clinical Associate Professor Emeritus School of Public Health effective June 30, 1963

Alfred H Ouellette as Clinical Assistant Professor Emeritus Pediatrics effective June 30, 1963

Henry E Erickson as Lecturer Emeritus School of Public Health effective June 30, 1963

Ladislav Plasil Gardener Botany to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Yuri Honcharenko Laborer Agronomy and Plant Genetics to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Henrietta Gage Senior Laboratory Attendant Microbiology to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Marguerite Carlier Seamstress University of Minnesota Hospitals to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Dora P Jerdee General Staff Nurse Cancer Detection Center to retire on State Employees Retirement and Old Age Survivors Disability Insurance effective July 31, 1963

Della M Lee Hospital Aide University of Minnesota Hospitals to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective June 30, 1963

Ebba Kubias Principal Clerk University of Minnesota Hospitals to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective May 31, 1963

Jennie Schey General Staff Nurse and Instructor University of Minnesota Hospitals to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Loana M Norris Assistant Scientist School of Home Economics to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Jake Berg Building Caretaker Plant Services to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

John J Bonesky Floor Finisher Plant Services to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Oscar B Hanson Concrete Finisher Plant Services to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Dagmar Hasberg Office Supervisor Plant Services to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Andrew V Loftness Building Caretaker Plant Services to retire on Old Age Survivors and Disability Insurance effective June 30, 1963

Elmer J Magney Engineer Plant Services to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Carl J Wadell Laborer Plant Services to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective May 31, 1963

Ed Lauer Laborer Rosemount Research Center to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective June 30, 1963

Hazel Finley Food Service Worker Sanford Hall to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Oscar M Olen Senior Stores Clerk Coffman Union Food Service to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective August 15, 1963

Ida M Hader Cook Centennial Hall to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Jetta G Stabno Senior Food Service Worker Bailey Hall and Food Services to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective July 31, 1963

Iva M Smith Clerk Coffman Union Bookstore to retire on Old Age Survivors and Disability Insurance effective June 30, 1963

Terminations

Donn C Mosser Professor and Director Division of Radiation Therapy Radiology effective June 15, 1963

Mary E Bowne Associate Professor Division of Education and Psychology Duluth effective May 6, 1963 plus one month death payment allowance

Jaakko K Kihlberg Assistant Professor School of Public Health Laboratory of Physiological Hygiene effective June 30, 1963

Ruth D Weise Assistant Professor School of Nursing effective June 30, 1963

Richard M Steidl Assistant Professor Physical Medicine and Rehabilitation effective May 15, 1963

Velda Stonecypher Assistant Professor Division of Humanities Duluth effective June 15, 1963

Rochelle J Johnson Research Associate Otolaryngology Research Funds effective April 25, 1963

Edward V Caruolo Instructor Dairy Husbandry effective June 30, 1963
 Barbara J McCandless Instructor School of Home Economics effective
 June 15, 1963
 Aileen M Swansburg Instructor School of Home Economics effective
 June 15, 1963
 Luther Dehnel Clinical Instructor Psychiatry and Neurology without
 salary effective June 30, 1963
 Albert C Strafuss Instructor Veterinary Pathology and Parasitology
 effective June 30, 1963
 Walter Fluegel Instructor Division of Science and Mathematics Duluth
 effective June 15, 1963
 Grace C Peterson Instructor Division of Science and Mathematics
 Duluth effective June 15, 1963
 Jerald E Bringle Instructor Division of Humanities Duluth effective
 June 15, 1963
 William H Granse, Jr Instructor Division of Humanities Duluth effec-
 tive June 15, 1963
 Robert R Spanabel Instructor Division of Humanities Duluth effective
 June 15, 1963
 Norman L Arvilla Instructor Division of Social Sciences Duluth effec-
 tive June 15, 1963
 Thelma H Gilbert Instructor West Central School of Agriculture effec-
 tive April 15, 1963
 Clinton B Bergman Instructor Northwest School of Agriculture effec-
 tive April 15, 1963
 Robert J Anderson Research Fellow Dairy Industries Research Funds
 effective May 31, 1963
 Robert D Milholland Research Fellow and Instructor Plant Pathology
 and Botany and Research Funds effective April 30, 1963
 Aage E Hansen Research Fellow School of Chemistry Research Funds
 effective June 15, 1963
 Lamartine F Hood Research Fellow Dairy Industries Research Funds
 effective May 15, 1963
 Roland F Line Research Fellow Plant Pathology and Botany Research
 Funds effective June 19, 1963
 David L Mumford Research Fellow Plant Pathology and Botany Re-
 search Funds effective June 14, 1963
 Grace M Hallberg Research Fellow School of Public Health Research
 Funds effective April 24, 1963
 Hiroshi Horibe Research Fellow School of Public Health Laboratory of
 Physiological Hygiene Research Funds effective May 15, 1963
 Bruno Imbimbo Research Fellow School of Public Health Laboratory
 of Physiological Hygiene Research Funds effective May 31, 1963
 Demetre M Nicoloff Research Fellow Surgery Research Funds effec-
 tive at time of appointment July 1, 1962
 Doris J Meyerding Research Fellow Ford Foundation Economic Survey
 of the Upper Midwest Region effective May 31, 1963
 Barbara B Carson Scott County Home Agent Instructor Agricultural
 Extension Service effective July 27, 1963
 LaVaun N Heikkinen Dodge County Home Agent Instructor Agricul-
 tural Extension Service effective June 22, 1963
 Patricia S Irrthum Dakota County Home Agent Instructor Agricul-
 tural Extension Service effective June 14, 1963
 Joan K Nagel Blue Earth County Home Agent Instructor Agricultural
 Extension Service effective June 15, 1963
 Joanne B Nelson Anoka County Home Agent Instructor Agricultural
 Extension Service effective June 28, 1963
 Shirley S Nordstrom Mower County Home Agent Instructor Agricul-
 tural Extension Service effective June 8, 1963

Janice S Stroom Hennepin County Assistant County Home Agent Instructor Agricultural Extension Service effective August 8, 1963

David H Anderson Teaching Assistant School of Chemistry effective March 15, 1963

Susan J Thorud Teaching Assistant School of Home Economics effective May 15, 1963

William W Ferguson Teaching Assistant Accounting School of Business Administration effective March 15, 1963

Herbert D Ihle Teaching Assistant Accounting School of Business Administration effective March 15, 1963

Donald A Perala Research Assistant School of Forestry Research Funds effective May 31, 1963

Stein C Telneset Research Assistant Plant Pathology and Botany Research Funds effective May 15, 1963

Carolyn J Gitzen Research Assistant Bureau of Educational Research effective April 15, 1963

Robert P Thorpe Research Assistant Business and Economic Research School of Business Administration effective April 15, 1963

Lewis R French Research Assistant Psychology Research Funds effective May 24, 1963

Kenneth F Ramacher Research Assistant Electrical Engineering Research Funds effective May 10, 1963

Richard R Ries Research Assistant School of Physics Research Funds effective May 10, 1963

Gordon C Carney Research Assistant Entomology Fisheries and Wildlife Research Funds effective June 15, 1963

James D Froyd Research Assistant Plant Pathology and Botany Research Funds effective June 15, 1963

Paul D Manion Research Assistant Plant Pathology and Botany Research Funds effective June 15, 1963

The following Research Assistants Pharmacology Research Funds effective April 30, 1963

Alan M Goldberg
Richard D Green
Alan Rubin
George R Spratto

Robert E Stitzel
Donald R Van Harken
Richard N Wolfe

Lloyd L Leider, Jr Research Assistant Psychiatry and Neurology Research Funds effective May 15, 1963

John D Shone Medical Fellow Specialist Pediatrics without salary effective May 31, 1963

Arthur S McFee Medical Fellow Specialist Surgery Research Funds effective at time of appointment September 1, 1962

Gary W Lyons Medical Fellow Surgery effective at time of appointment July 1, 1962

Frank E Mork, Jr Medical Fellow Radiology with salary paid directly by the Veterans Administration Hospital effective June 30, 1963

Harold E Coulter Medical Fellow Anesthesiology with salary paid directly by the Veterans Administration Hospital effective April 22, 1963

Joseph C Belshe Medical Fellow University of Minnesota Hospitals effective March 31, 1963

Anita L Hahn Senior Clerk-Typist Office of the President effective April 22, 1963

Diane Nagell Senior Secretary Business Office effective April 23, 1963

Audrey E Aronson Personnel Services Representative Trainee Office of Civil Service Personnel effective June 11, 1963

Edward K Miller Personnel Services Representative Office of Civil Service Personnel effective June 13, 1963

Carol M Moline Accountant University Services effective May 28, 1963

Corinne M King Clerk Office of the Dean of Students Student Counseling Bureau effective April 19, 1963

Rita K Thompson Secretary Office of the Dean of Students Student Activities Bureau effective May 31, 1963

Sarah J Ford Clerk Office of Admissions and Records effective April 29, 1963

Vanon J Patchamatla Clerk Office of Admissions and Records effective April 30, 1963

Gerilyn G Weise Clerk Office of Admissions and Records effective May 30, 1963

Ann L Charn Office Supervisor Office of Admissions and Records St Paul effective June 11, 1963

Louise Lewisohn News Representative Department of University Relations effective June 3, 1963

Georgene Lickteig Clerk-Typist Truck Service effective June 14, 1963

Elaine M Gregory Secretary Senate Committee on Institutional Relationships effective May 31, 1963

Joan R Johnson Senior Secretary Administration College of Science Literature and the Arts effective May 29, 1963

Judith M Warner Clerk-Typist Administration College of Science Literature and the Arts effective May 10, 1963

Elisabeth K Bogel Senior Clerk-Typist Electrical Engineering effective May 23, 1963

Charlotte M Butterfield Secretary School of Chemistry effective June 5, 1963

James G Masica Laboratory Attendant School of Chemistry effective April 30, 1963

Marjory A Halvorson Principal Secretary Administration Institute of Agriculture effective June 14, 1963

E Jeanne Olson Senior Clerk-Typist College of Agriculture Forestry and Home Economics effective May 15, 1963

Marcella A Isaac Laboratory Technician School of Home Economics effective May 7, 1963

Myrtle A Klukas Laboratory Attendant School of Home Economics effective June 7, 1963

Lois A B Neseth Clerk-Typist School of Home Economics effective June 20, 1963

Geraldine S Leonard Secretary Horticulture effective May 31, 1963

Ina M McLaughlin Laboratory Attendant Microbiology effective June 3, 1963

Phyllis F Wik Junior Scientist Microbiology effective June 26, 1963

Gardella H Johnson Senior Clerk-Typist Veterinary Physiology and Pharmacology effective June 27, 1963

Josephine A McDonald Clerk-Typist Law School effective May 3, 1963

Marilyn B Anderson Clerk-Stenographer Administration School of Business Administration effective May 13, 1963

Kathlyn H Larson Secretary Quantitative Analysis School of Business Administration effective May 20, 1963

R Marjorie Anderson Secretary Administration Duluth effective May 15, 1963

Dorothy J Jennum Secretary Department of Naval Science effective May 29, 1963

The following in the University of Minnesota Hospitals

	Effective Date
Vivian M Argast*	Secretary April 15, 1963
Nancy J Bieter	General Staff Nurse June 24, 1963
Karen L Dahlen	Occupational Therapist May 6, 1963
Margaret J Fickes	General Staff Nurse June 7, 1963
Jane H Filerman	Hospital Nursing Supervisor June 18, 1963

		Effective Date
Alice M Graner	General Staff Nurse	June 13, 1963
Jean A Hilber	Clerk	May 30, 1963
Mary L Holtkamp	General Staff Nurse	June 24, 1963
Janet K Jacobson	Senior Clerk-Typist	June 13, 1963
Janet D Leifgren	Clerk-Typist	June 20, 1963
Carolyn M Malkow	Medical Records Typist	June 18, 1963
Marion E Metcalfe	Senior Secretary	May 28, 1963
Elizabeth N Reed	Senior Clinic Nurse	June 28, 1963
Rita K Wirtzfeld	Head Hospital Nurse	June 13, 1963

• Transferred to miscellaneous payroll

Jean R Lynes Senior Secretary Center for Continuation Study effective May 22, 1963

Hulda E Ohm Clerk-Typist Audio-Visual Extension Service effective May 9, 1963

David C Jackson Senior Account Clerk State Organization Service effective May 8, 1963

Carole L Lundberg Clerk-Typist State Organization Service effective April 16, 1963

Elsie Western Secretary School of Mines and Metallurgy Ore Estimate Division effective April 30, 1963

LaVonne M Littlefield School Nurse and Instructor West Central School of Agriculture effective June 15, 1963

Maryann L Cummings Senior Secretary Agricultural Extension Service effective June 5, 1963

Gloria A Thompson Senior Secretary Agricultural Extension Service effective June 30, 1963

Marian Bodey Senior Clerk-Typist Library effective June 4, 1963

Jacque G Capistrant Library Assistant Library effective June 11, 1963

Joan M Davies Library Assistant Library effective June 7, 1963

Robert G Zich Library Assistant Library effective May 31, 1963

Elizabeth A Ahlman Senior Clerk-Typist Experiment Station Institute of Agriculture effective May 14, 1963

Delphe M Rahn Clerk-Typist Agronomy and Plant Genetics Research Funds effective May 31, 1963

Carol A Wood Senior Laboratory Technician School of Home Economics Research Funds effective June 14, 1963

Janet P Miles Laboratory Technologist Veterinary Bacteriology and Public Health Research Funds effective June 13, 1963

Dixie B Mathews Senior Clerk-Typist Veterinary Pathology and Parasitology Research Funds effective June 11, 1963

Charles G Senst Farm Laborer Southwest Experiment Station effective May 20, 1963

Obie F Kipper Building Caretaker Plant Services effective May 7, 1963

Maurice D Mackay Building Caretaker Plant Services effective April 30, 1963

Wallace C Bakke Senior Building Caretaker Plant Services Morris effective May 21, 1963

Berton M Atkinson Assistant Superintendent Rosemount Research Center effective June 18, 1963

Linda M Caldon Secretary Rosemount Research Center effective May 9, 1963

Betty Meadows Clerk-Typist Sanford Hall effective May 22, 1963

Nellie P Ludens Food Service Worker Coffman Union Food Service effective May 20, 1963

Judith H Collins Senior Clerk-Typist University Services effective June 10, 1963

Louise L Todora Senior Food Service Worker Bailey Hall and Food Services effective March 25, 1963

Kenneth J Dwyer Police Dispatcher University Parking Lots effective May 8, 1963

Edith D Evans Police Dispatcher University Parking Lots effective May 1, 1963

Marsha B Blumberg Clerk-Stenographer Student Unions Coffman Memorial Union effective June 14, 1963

Patricia G Coffey Senior Clerk-Typist University Health Service effective June 26, 1963

Karen G Hillman Senior Clerk-Typist University Health Service effective May 21, 1963

Neva A Steeves Senior Clerk-Typist Department of Mimeograph and Bulletins effective April 18, 1963

Nancy L Lawrence Key Punch Operator Numerical Analysis Center effective March 1, 1963

Sue Ellen Murray Senior Clerk-Typist Administration College of Medical Sciences Research Funds effective May 10, 1963

Maxine W Winfield Laboratory Technologist Anatomy Research Funds effective February 28, 1963

Nancy Ann Edwards Senior Laboratory Technician Trainee Medicine Research Funds effective June 19, 1963

Marilyn K Menshek Senior Clerk-Typist Medicine Research Funds effective May 21, 1963

Beverly Ann Moulton Senior Clerk-Typist Physiology Research Funds effective June 7, 1963

Virginia P Arnquist Senior Statistical Clerk School of Public Health Research Funds effective May 16, 1963

Earl L Brown Laboratory Animal Attendant Surgery Research Funds effective May 8, 1963

Geraldine L Evans Laboratory Technician Surgery Research Funds effective April 29, 1963

Susan B Johnson Laboratory Technologist Surgery Ancker Hospital Research Funds effective June 7, 1963

Carol J Nelson Junior Scientist Laboratory Medicine Research Funds effective June 10, 1963

Sonja J Steile Dental Clinic Attendant School of Dentistry Research Funds effective May 13, 1963

Linde L Tandy Senior Clerk-Typist Ford Foundation Economic Survey of the Upper Midwest Region effective June 12, 1963

Lynda F Scott Laboratory Technician University Health Service Research Funds effective May 1, 1963

Anil C Rae recipient of a John Cowles Foundation Scholarship effective January 17, 1963

Thaddeus A Schmar recipient of a Caleb Dorr Special Achievement Award effective April 1, 1963

Walter L Knudsen recipient of a Duluth Campus Scholarship effective March 23, 1963

James C Warner recipient of an Al Johnson Foundation Scholarship effective March 15, 1963

Norman L Sheldon recipient of a Northwest Feed Manufacturing Association Scholarship effective March 15, 1963

Mary Ann Holstein recipient of a Dora B Smith Scholarship effective December 30, 1962

Patricia J Fry recipient of a Stevens Brothers Foundation Scholarship effective March 16, 1963

Gerald A Fischer recipient of a Tozer Foundation Undergraduate Scholarship effective November 12, 1963

The following recipients of United States Public Health Service General Research Support Fellowships in Pharmacology effective April 30, 1963

Marion W Anders
Ralph E Giles

Louis J Ignarro
Marshall B Wallach

Eleanor C Hover recipient of a United States Public Health Service Nurses Training Program Scholarship effective April 1, 1963

David V Sharp recipient of a United States Public Health Service Epidemiology Traineeship effective May 25, 1963

Francisco E Oliveras recipient of a United States Public Health Service Training Program in Research on Cancer of the Alimentary Tract effective July 1, 1962

Henry Sosin recipient of a United States Public Health Service Training Program in Research on Cancer of the Alimentary Tract effective March 31, 1963

David E Coffey recipient of a United States Public Health Service Training Program in Biochemistry effective March 31, 1963

Barbara R Merritt recipient of a United States Public Health Service Training Program in Biochemistry effective March 31, 1963

Appointments

Richard S Caldecott continuation of appointment as Professor Agronomy and Plant Genetics without salary July 1, 1963 to June 30, 1964

Cornelius A Van Doren continuation of appointment as Professor Soil Science without salary July 1, 1963 to June 30, 1964

David L Craven as Professor Law School beginning September 16, 1963 at the rate of \$15,000 Term B; this appointment is subject to a special contract calling for a decision on tenure on or before June 15, 1965

Deane E Richardson as Professor and Chairman Physical Education for Men and Associate Director School of Physical Education beginning September 1, 1963 at the rate of \$15,000 Term A

Donald Z Woods as Professor and Associate Dean Extension Division beginning July 16, 1963 at the rate of \$15,250 Term A

John F Alexander as Associate Professor Physical Education for Men beginning September 16, 1963 at the rate of \$10,000 Term B

W Burton Sundquist continuation of appointment as Associate Professor Agricultural Economics without salary July 1, 1963 to June 30, 1964

John B Rowell continuation of appointment as Associate Professor Plant Pathology and Physiology without salary July 1, 1963 to June 30, 1964

Arnold N Enker as Associate Professor Law School beginning September 16, 1963 at the rate of \$12,000 Term B; this appointment is subject to a special contract calling for a decision on tenure on or before June 15, 1965

Iwao Iwasaki as Associate Professor Mines Experiment Station School of Mineral and Metallurgical Engineering beginning September 1, 1963 at the rate of \$12,000 Term A

Gordon S Beavers as Assistant Professor Aeronautics and Engineering Mechanics September 16, 1963 to June 15, 1965 at the rate of \$7,500 Term B

Daniel D Joseph as Assistant Professor Aeronautics and Engineering Mechanics September 16, 1963 to June 15, 1965 at the rate of \$9,500 Term B

The following continuations of appointment as Assistant Professors Agronomy and Plant Genetics without salary July 1, 1963 to June 30, 1964

Robert N Andersen
William M Clement, Jr

Verne E Comstock
Gordon C Marten

Sister Mary Victor continuation of appointment as Assistant Professor School of Home Economics without salary July 1, 1963 to June 30, 1964

Robert A Willson as Assistant to the Dean and Assistant Professor School of Business Administration May 20, 1963 to June 30, 1965 at the rate of \$15,000 Term A

Captain Stanley A Castleman as Assistant Professor Air Science Duluth without salary beginning April 10, 1963

Anne L Wirt as Assistant Professor Peace Corps July 1 to October 31, 1963 at \$4,833 Term CT (\$14,500 A rate)

John R Neetzel continuation of appointment as Research Associate School of Forestry without salary July 1, 1963 to June 30, 1964

Donald D Hickman continuation of appointment as Research Associate Botany Research Funds July 1 to November 30, 1963 at \$4,500 Term CT (\$10,800 A rate)

Wei-Kong Chen continuation of appointment as Research Associate Metallurgy Research Funds for 1963-64 at \$9,000 Term AT

Cornelius R Janssen continuation of appointment as Research Associate Geology and Geophysics Research Funds August 16, 1963 to June 30, 1964 at the rate of \$7,600 Term AT

Warren R Lawson as Lecturer School of Public Health without salary April 30 to June 30, 1963

Clare C Hamilton as Lecturer Veterinary Bacteriology and Public Health without salary July 1, 1963 to June 30, 1964

Henry J Osterholtz as Lecturer Veterinary Bacteriology and Public Health without salary July 1, 1963 to June 30, 1964

Florence C Mead Lecturer Division of Humanities Duluth at \$1,666 Term CHX75 (\$4,662 B rate) for the winter quarter of 1962-63 to continue to serve at \$389 Term CHT25 (\$4,662 B rate) for the spring quarter of 1962-63

Margaret J Thorbeck Lecturer Division of Humanities Duluth at \$777 Term CHX50 (\$4,662 B rate) for the winter quarter of 1962-63 to continue to serve at \$389 Term CHX25 (\$4,662 B rate) for the spring quarter of 1962-63

Thomas J Kalb as Clinical Instructor Medicine without salary July 1, 1963 to June 30, 1964

Donald C Meredith as Clinical Instructor Surgery without salary July 1, 1963 to June 30, 1964

Richard B Ellingson as Clinical Instructor Ophthalmology without salary May 1 to June 30, 1963

Theodore E Uehling, Jr as Instructor Division of Humanities Morris for 1963-64 at \$6,600 Term B

Lee F Hermsmeier continuation of appointment as Research Fellow Agricultural Engineering without salary July 1, 1963 to June 30, 1964

Richard M Condie continuation of appointment as Research Fellow Pediatrics Research Funds June 1-30, 1963 at \$1,000 Term CT (\$12,000 A rate)

Wolfgang Baumann as Research Fellow Hormel Institute May 1 to June 30, 1963 at the rate of \$6,216 Term ATX

Josef Staerk as Research Fellow Hormel Institute May 1 to June 30, 1963 at the rate of \$6,500 Term ATX

Harvey J Meyer continuation of appointment as Research Fellow Geology and Geophysics Research Funds July 1 to September 15, 1963 at \$1,563 Term CT (\$7,500 A rate)

Vijaya S Shetty as Research Fellow Slavic and Oriental Languages Research Funds April 1 to June 15, 1963 at \$130 Term CHT10 (\$4,662 B rate)

Yutaka Okinaka as Research Fellow School of Chemistry Research Funds May 16 to June 30, 1963 at \$813 Term CT (\$6,500 A rate)

Tu F Chen continuation of appointment as Research Fellow Metallurgy Research Funds June 16, 1963 to June 30, 1964 at the rate of \$4,662 Term AHT75 (\$6,216 A rate)

Vance G Leak continuation of appointment as Research Fellow Metallurgy Research Funds for 1963-64 at \$6,216 Term AT

Albert L Saari as Research Fellow Biochemistry Institute of Agriculture Research Funds May 1 to June 30, 1963 at the rate of \$5,594 Term AHT90 (\$6,216 A rate)

Douglas E Lorenz as Research Fellow Microbiology Research Funds May 1 to June 30, 1963 at \$1,184 Term CT (\$7,100 A rate)

Joji Nagaki continuation of appointment as Research Fellow Physiology Research Funds June 1-30, 1963 at \$518 Term CTX (\$6,216 A rate)

Om P Bahl continuation of appointment as Research Fellow Biochemistry College of Medical Sciences Research Funds June 1-30, 1963 at \$625 Term CT (\$7,500 A rate)

Charles M King continuation of appointment as Research Fellow Biochemistry College of Medical Sciences Research Funds June 1-30, 1963 at \$625 Term CT (\$7,500 A rate)

Robert T Boschert continuation of appointment as Research Fellow Veterinary Medicine and Clinics Research Funds May 1 to June 30, 1963 at \$1,200 Term CT (\$7,200 A rate)

Vaughn L Larson continuation of appointment as Research Fellow Veterinary Medicine and Clinics Research Funds May 1 to June 30, 1963 at \$1,083 Term CT (\$6,500 A rate)

Jerry B Stevens continuation of appointment as Research Fellow Veterinary Medicine and Clinics Research Funds May 1 to June 30, 1963 at \$1,083 Term CT (\$6,500 A rate)

Samuel L Bigger as Norman County Assistant County Agricultural Agent Instructor Agricultural Extension Service May 7 to June 30, 1963 at the rate of \$6,000 (\$4,950 University \$1,050 County) Term AH83

Anne M Farning as Blue Earth County Home Agent Instructor Agricultural Extension Service June 17-30, 1963 at the rate of \$5,400 (\$3,965 University \$1,435 County) Term AH73

Elaine C Klingebiel as Dakota County Home Agent Instructor Agricultural Extension Service May 16 to June 30, 1963 at the rate of \$5,700 (\$4,600 University \$1,100 County) Term AH81

Lois O Lapham as Anoka County Home Agent Instructor Agricultural Extension Service May 16 to June 30, 1963 at the rate of \$5,600 (\$4,800 University \$800 County) Term AH86

Caroline M Wolf as Teaching Assistant University High School Project Social Studies April 1 to June 15, 1963 at the rate of \$1,080 Term BHT25

Edwin R Poore as Research Assistant Agricultural Economics Research Funds June 16-30, 1963 at \$240 Term CT

David K Wildung as Research Assistant Fruit Breeding Farm Research Funds March 16 to June 30, 1963 at the rate of \$2,880 Term AHT50

Marilyn J Sorum as Research Assistant Statistics Research Funds April 1 to June 15, 1963 at \$300 Term CHT25

David L Seaquist continuation of appointment as Research Assistant Peace Corps April 29 to May 28, 1963 at the rate of \$1,440 Term AHT33 (terminated)

Ved V Sharma as Research Assistant Dairy Husbandry Research Funds May 1 to June 30, 1963 at \$480 Term CHT50

John G Tilton, Jr as Research Assistant Entomology Fisheries and Wildlife Research Funds May 1 to June 15, 1963 at \$360 Term CHT50 and June 16-30, 1963 at \$240 Term CT

Kenneth M Old continuation of appointment as Research Assistant Plant Pathology and Botany Research Funds April 1 to June 30, 1963 at \$720 Term CHT50

Prem K Gupta continuation of appointment as Research Assistant College of Pharmacy Research Funds June 1-30, 1963 at \$240 Term CHT50

George B Flamer as Research Assistant Institute of Child Development Research Funds July 1 to August 15, 1963 at \$363 Term CHT50

David A Wicklund as Research Assistant Institute of Child Development Research Funds July 1 to August 15, 1963 at \$363 Term CHT50

Joseph B E Nadeau as Clinical Fellow Office of the Dean of Students Student Counseling Bureau April 16 to June 15, 1963 at the rate of \$1,080 Term BH25

Henry Sosin as Medical Fellow Specialist Surgery with salary paid directly by the United States Public Health Service April 1 to June 30, 1963

Mary P Christensen continuation of appointment as Medical Fellow Specialist Psychiatry and Neurology with salary paid directly by the United States Public Health Service July 1, 1963 to June 30, 1964

The following as Medical Fellows Medicine with salary paid directly by the Veterans Administration Hospital July 1, 1963 to June 30, 1964

Alphonso A Belsito	Herbert Lauritzen
Ausma S Blumentals	Thomas E Layman
John H Brinkman	Ronald P Messner
Joseph A Callan	Beatrice A Mulford
Patrick J Daly	Byron U Musa
William D Flory	Richard G Neidballa
Sidney E Johnson	Ronald J Rosandich
Charles R Jorgensen	Jane Self
Mohammed Y Khan	David E Siewert
Lowell Kvam	Frederic E Walker, Jr

Benjie L Goldfarb as Medical Fellow Medicine with salary paid directly by the Veterans Administration Hospital July 1, 1963 to March 31, 1964

Peter E Fehr as Medical Fellow Obstetrics and Gynecology Research Funds April 1 to June 30, 1963 at \$750 plus tuition and fees Term CT

The following as Medical Fellows Surgery with salary paid directly by the Veterans Administration Hospital July 1, 1963 to June 30, 1964

John E McMahan	Sheldon J Segal
Rodney H Peterson	Wilbur L Zike
Frank T Pilney	

The following as Medical Fellows Radiology with salary paid directly by the Veterans Administration Hospital July 1, 1963 to June 30, 1964

William J Boardman	Ronald L LaBelle
Sheldon W Damberg	Charles B Lundquist
Milton R Gilchrist	James R McDougall
Donald C Hauser	Donald R Mueller
Donald F Holm	Richard J Soderberg
Richard W Jang	Edward V Staab
William N Kinney	Vernon A Vix
Hans Kuisk	Robert B Whitney
Robert R Kundel	Luther O Wigdahl

Adolphe C Kiczales continuation of appointment as Medical Fellow Psychiatry and Neurology with salary paid directly by the Veterans Administration Hospital July 1 to August 31, 1963

The following as Medical Fellows Psychiatry and Neurology with salary paid directly by the Veterans Administration Hospital July 1, 1963 to June 30, 1964

Mary Ann Braaten	Edward W Posey
Leonard S Linnell	Paul L Warner
William T Luckey	

Leo R J Grieben as Medical Fellow Psychiatry and Neurology without salary July 1, 1963 to June 30, 1964

Fernando Lopez as Medical Fellow Psychiatry and Neurology without salary July 1, 1963 to June 30, 1964

Ralph G Hirschowitz as Medical Fellow Psychiatry and Neurology with salary paid directly by the State of Minnesota July 1, 1963 to June 30, 1964

Lawrence C Mayerle as Medical Fellow Psychiatry and Neurology with salary paid directly by the State of Minnesota July 1, 1963 to June 30, 1964

Roberta J DeGeer as Key Punch Operator Data Processing Center April 22 to June 30, 1963 at the rate of \$3,120 Term A

Sandra A Engebretson as Clerk-Typist Business Office May 16 to June 30, 1963 at the rate of \$2,772 Term A

Kathleen A Furman as Senior Clerk Business Office April 29 to June 30, 1963 at the rate of \$3,240 Term A

Rhea J Thompson as Clerk-Typist Business Office May 6 to June 30, 1963 at the rate of \$2,772 Term A

Michael A Ausen as Stores Clerk General Storehouse May 7 to June 30, 1963 at the rate of \$2,664 Term A

Mary Jane R Gill as Clerk Office of the Dean of Students Student Counseling Bureau May 2 to June 30, 1963 at the rate of \$2,664 Term A

Thelmakay Anderson as Senior Clerk-Typist Office of Admissions and Records May 1 to June 30, 1963 at the rate of \$3,372 Term A

Elaine R Miller as Clerk Office of Admissions and Records May 13 to June 30, 1963 at the rate of \$2,664 Term A

Barbara A Neubert as Clerk Office of Admissions and Records May 1 to June 30, 1963 at the rate of \$2,664 Term A

Gloria A Price as Clerk Office of Admissions and Records April 22 to June 30, 1963 at the rate of \$2,664 Term A

Richelle M Session as Clerk Office of Admissions and Records May 16 to June 30, 1963 at the rate of \$2,664 Term A

Karen S Tolan as Senior Clerk-Typist Office of Admissions and Records April 23 to June 30, 1963 at the rate of \$3,372 Term A

Joanne P Westerberg as Clerk Office of Admissions and Records May 1 to June 30, 1963 at the rate of \$2,664 Term A

Marvel V Weisbrod as Clerk-Typist Office of Admissions and Records St Paul May 1 to June 30, 1963 at the rate of \$2,772 Term A

Foster G Crump as Automotive Mechanic Truck Service April 22 to June 30, 1963 at the rate of \$2,992 Term A

Richard G Hoffman as Automotive Mechanic Trainee Truck Service April 23 to June 30, 1963 at the rate of \$4,272 Term A

Mary E Gregor as Secretary Department of Police April 18 to June 30, 1963 at the rate of \$3,504 Term A

Stacy Orton, Jr as Patrolman Department of Police June 1-30, 1963 at the rate of \$4,992 Term A

Gary A Schwantes as Patrolman Department of Police June 1-30, 1963 at the rate of \$4,992 Term A

Phyllis E Nevin as Clerk-Typist Administration College of Science Literature and the Arts May 20 to June 30, 1963 at the rate of \$2,772 Term A

Sandra K Ellingson as Clerk-Stenographer History June 16-30, 1963 at the rate of \$3,000 Term A

Mary J Retka as Senior Clerk-Typist Plant Pathology and Botany April 29 to May 10, 1963 at the rate of \$1,686 Term AH50 (\$3,372 A rate) and May 11 to June 30, 1963 at the rate of \$3,372 Term A

Berdine A Schmidhuber as Clerk-Typist Plant Pathology and Botany May 20 to June 30, 1963 at the rate of \$1,386 Term AH50 (\$2,772 A rate)

Mary G Mayer as Junior Scientist Laboratory Medicine Research Funds April 11 to June 30, 1963 at \$1,142 Term CHT75 (\$5,196 A rate)

Joyce A Schlemper as Senior Clerk-Typist Veterinary Medicine and Clinics May 8 to June 30, 1963 at the rate of \$3,372 Term A

Diane L Ranta as Clerk-Typist Law School April 30 to June 30, 1963 at the rate of \$2,772 Term A

Arlene M Fuchs as Senior Clerk-Typist College of Pharmacy May 27 to June 30, 1963 at the rate of \$3,372 Term A

Arlowen C Pflaum as Senior Clerk-Typist Administration College of Education June 1-30, 1963 at the rate of \$3,372 Term A

Elsie H Elmore as Senior Clerk-Typist Administration Duluth May 10 to June 30, 1963 at the rate of \$3,372 Term A

Jeanne K Anderson as Senior Clerk-Typist Department of Radio and Television May 16 to June 30, 1963 at the rate of \$3,372 Term A

Angeline J Crowe as Clerk-Typist Department of Radio and Television April 17 to June 30, 1963 at the rate of \$2,772 Term A

Gladys B Nixon as Senior Secretary Center for Continuation Study April 29 to June 30, 1963 at the rate of \$3,792 Term A

Judith Ann S Norling as Senior Clerk-Typist School of Mines and Metallurgy Ore Estimate Division May 8 to June 30, 1963 at the rate of \$3,372 Term A

George F Weiland as General Mechanic Northwest School of Agriculture January 1 to June 30, 1963 at the rate of \$4,440 Term A

M June Bodley as Senior Clerk-Typist Agricultural Extension Service June 3-30, 1963 at the rate of \$3,372 Term A and for 1963-64 at \$3,504 Term A

Kathleen E Bengston as Clerk-Typist Library May 1 to June 30, 1963 at the rate of \$2,772 Term A

Sandra J Hughes as Library Assistant Library June 3-30, 1963 at \$171 Term CH50 (\$4,104 A rate)

Laila L Predmore as Library Assistant Library June 3-30, 1963 at \$171 Term CH50 (\$4,104 A rate)

Doris H Arnold as Senior Clerk-Typist Experiment Station Institute of Agriculture May 16 to June 30, 1963 at the rate of \$3,372 Term A

Walter L Brown as Building Caretaker Plant Services June 1-30, 1963 at the rate of \$3,504 Term A

George M Gross as Building Caretaker Plant Services June 1-30, 1963 at the rate of \$3,504 Term A

William R Kiggins as Window Washer Plant Services May 21 to June 30, 1963 at the rate of \$3,648 Term A

Herbert Peterson as Building Caretaker Plant Services June 1-30, 1963 at the rate of \$3,504 Term A

Walter Pris as Building Caretaker Plant Services June 16-30, 1963 at the rate of \$3,504 Term A

Jean M Rittenour as Senior Secretary Plant Services May 20 to June 30, 1963 at the rate of \$3,792 Term A

Charles Sarkinen as Building Caretaker Plant Services May 1 to June 30, 1963 at the rate of \$3,504 Term A

Winton A Schultz as General Mechanic Foreman Plant Services April 16 to June 30, 1963 at the rate of \$5,616 Term A

Claude M Wisman as Building Caretaker Plant Services May 1 to June 30, 1963 at the rate of \$3,504 Term A

Myrtle J Mohr as Secretary Rosemount Research Center May 6 to June 30, 1963 at the rate of \$3,948 Term A

Minnie E Bohman as Custodial Worker Agricultural Dormitories June 16-30, 1963 at the rate of \$3,240 Term A

Bonnie S Killebrew as Senior Food Service Worker Bailey Hall and Food Services April 24 to June 30, 1963 at the rate of \$2,880 Term A

Karon D Kubitschek as Clerk-Typist University Health Service May 22 to June 30, 1963 at the rate of \$2,772 Term A

Janice L Mattson as Clerk-Typist Printing Department May 6 to June 30, 1963 at the rate of \$2,772 Term A

Dorothy Bunke as Editorial Proofreader University Press April 22 to June 30, 1963 at the rate of \$3,648 Term A

Eileen M Stott as Clerk-Typist University Press April 29 to June 30, 1963 at the rate of \$2,772 Term A

Patricia Ann Thorstad as Key Punch Operator Numerical Analysis Center May 7 to June 30, 1963 at the rate of \$3,120 Term A

Betty S Adams continuation of appointment as Secretary Peace Corps April 29 to June 30, 1963 at \$572 Term CHX90 (\$3,648 A rate)

James J Turgeon as Linear Accelerator Operator Trainee School of Physics Research Funds May 13 to June 30, 1963 at the rate of \$4,800 Term AT

Dean B Dudley as Laboratory Technician Entomology Fisheries and Wildlife Research Funds May 1 to June 30, 1963 at the rate of \$3,120 Term AT

Martha M Helmholtz continuation of appointment as Laboratory Technician Poultry Science Research Funds May 1 to June 30, 1963 at \$520 Term CT (\$3,120 A rate)

Marlyce B Bergerson as Senior Clerk-Typist Administration College of Medical Sciences Research Funds May 6 to June 30, 1963 at the rate of \$3,372 Term AT

Lucyle P Boudreau as Principal Food Service Supervisor Medicine Research Funds June 3-30, 1963 at \$400 Term CT (\$4,800 A rate)

Tuan H Kuo as Assistant Scientist Medicine Research Funds April 22 to June 30, 1963 at \$704 Term CHTX60 (\$6,072 A rate)

Janette G Mens as Senior Food Service Worker Medicine Research Funds April 1 to June 30, 1963 at \$750 Term CT (\$3,000 A rate)

Rosanne T Thompson as Senior Clerk-Typist Medicine Research Funds May 3 to June 30, 1963 at \$563 Term CT (\$3,372 A rate)

Victoria A Ausen as Secretary Trainee Pediatrics Research Funds April 23 to June 30, 1963 at \$603 Term CT (\$3,372 A rate)

Massoud Keyhani continuation of appointment as Laboratory Technologist Pediatrics Research Funds June 1-30, 1963 at \$300 Term CHT75 (\$4,800 A rate)

Aldora M Loe continuation of appointment as Junior Scientist Pediatrics Research Funds June 1-30, 1963 at \$526 Term CT (\$6,312 A rate)

Thaddeus Nichols continuation of appointment as Junior Scientist Pediatrics Research Funds June 1-30, 1963 at \$450 Term CT (\$5,400 A rate)

Katherine D Pih continuation of appointment as Junior Scientist Pediatrics Research Funds June 1-30, 1963 at \$487 Term CT (\$5,844 A rate)

Steven W Taatjes as Laboratory Technologist Pediatrics Research Funds May 1 to June 30, 1963 at \$800 Term CT (\$4,800 A rate)

Sandra F Nelson as Senior Clerk-Typist Pharmacology Research Funds April 15 to June 30, 1963 at the rate of \$3,372 Term AT

Ramona C Schwasinger continuation of appointment as Senior Secretary Pharmacology Research Funds May 1 to June 30, 1963 at \$658 Term CT (\$3,948 A rate)

Kay L Briden as Senior Laboratory Technician Physiology Research Funds June 10-30, 1963 at \$237 Term CT (\$3,792 A rate)

Marguerite V Church continuation of appointment as Laboratory Technologist Physiology Research Funds May 1 to June 30, 1963 at \$800 Term CT (\$4,800 A rate)

Mary L Howze continuation of appointment as Senior Clerk-Typist Physiology Research Funds May 1 to June 30, 1963 at \$632 Term CT (\$3,792 A rate)

Carril Quello continuation of appointment as Junior Scientist Physiology Research Funds May 1 to June 30, 1963 at \$702 Term CHT75 (\$5,616 A rate)

Janice K Albertson as Clerk-Typist School of Public Health Research Funds April 19 to June 30, 1963 at \$546 Term CT (\$2,772 A rate)

Regina L Ballard as Clerk-Typist School of Public Health Research Funds April 29 to June 30, 1963 at the rate of \$2,772 Term AT

Robert Kvanbeck as Electronics Mechanic School of Public Health Laboratory of Physiological Hygiene Research Funds April 29 to June 30, 1963 at the rate of \$4,992 Term AT

Samuel M Murphy as Senior Laboratory Technician School of Public Health Laboratory of Physiological Hygiene Research Funds April 15 to June 30, 1963 at the rate of \$3,792 Term ATX

Gerald A Baumann continuation of appointment as Laboratory Animal Attendant Surgery Research Funds May 1 to June 30, 1963 at \$608 Term CT (\$3,648 A rate)

Loretta A Chu as Senior Laboratory Animal Attendant Surgery Research Funds April 9 to June 30, 1963 at \$897 Term CT (\$3,948 A rate)

Betty M Smith as Senior Clerk-Typist Psychiatry and Neurology Research Funds April 22 to June 30, 1963 at \$646 Term CT (\$3,372 A rate)

James F Feldhaus as Junior Scientist Biochemistry College of Medical Sciences Research Funds May 8 to June 30, 1963 at \$798 Term CT (\$5,400 A rate)

Robert O Quesenberry as Assistant Scientist Biochemistry College of Medical Sciences Research Funds May 1 to June 30, 1963 at \$1,012 Term CT (\$6,072 A rate)

Fern Y Bates continuation of appointment as Junior Scientist Veterinary Medicine and Clinics Research Funds May 1 to June 30, 1963 at \$1,052 Term CT (\$6,312 A rate)

Lorraine A Conway as Laboratory Animal Attendant Veterinary Medicine and Clinics Research Funds May 13 to June 30, 1963 at the rate of \$3,504 Term AT

Patricia D Jensen continuation of appointment as Laboratory Technician Veterinary Medicine and Clinics Research Funds May 1 to June 30, 1963 at \$520 Term CT (\$3,120 A rate)

Henry B Clark III as Laboratory Technologist College of Pharmacy Research Funds May 1 to June 30, 1963 at the rate of \$4,800 Term AT

Robert G Lindgren as recipient of an Alpha Chi Sigma Prize in Chemistry of \$10 May 24, 1963 Chemical Engineering

Donna L Hathaway as recipient of an Alpha Xi Delta Alumnae Association Scholarship of \$100 May 14 to June 30, 1963 College of Agriculture Forestry and Home Economics

Russel W Erickson as recipient of an Alpha Zeta Traveling Scholarship of \$75 for 1963-64 College of Agriculture Forestry and Home Economics

James H L Johnson and Diane C Kittelson as recipients of American Legion Scholarships of tuition and incidental fees in the amount of \$100 each for the spring quarter of 1962-63 Morris

The following as recipients of Alexander P Anderson and Lydia Anderson Summer Fellowships of \$350 each June 10, 1963

Alan G Ferguson	Botany
Robert C Melchior	Botany
William C Summers	Zoology

The following as recipients of Band Service Scholarships May 17, 1963

		Amount
JoAnn K Anderson	College of Education	\$25
Karen J Anderson	College of Science Literature and the Arts	25
Curtiss C Blake	College of Science Literature and the Arts	25
Elizabeth L L Blake	College of Education	25
Sonja A Emmons	College of Education	50
Richard H Johnson	German	50

Gregory T Sinner as recipient of a John Y Breckenridge Memorial Book Award May 21, 1963 College of Pharmacy

John A Marshall as recipient of a Bristol Laboratories Award May 21, 1963 College of Pharmacy

Theodore L Lanske recipient of a Chapman Foundation Forestry Scholarship to receive a supplement of \$4.55 for the spring quarter of 1962-63

William M Mahlum as recipient of a Wilbur H Cherry Memorial Scholarship of \$120 for the spring quarter of 1962-63 Law School

The following as recipients of Coffman Memorial Union Food Service Scholarships of \$90 each May 13 to June 30, 1963 College of Science Literature and the Arts

David A Axelson
Judith A Freeberg

Thomas L Price

The following as recipients of Caroline M Crosby Memorial Fellowships in Botany June 10, 1963

	Amount
Astrid L Anderson	\$275
Gary R Baker	400
Joseph D Ives	350
Barbara C Spross	290
Elsie L Williams	350

Patricia D Benson and Bruce A Kimball as recipients of Caleb Dorr College Senior Gold Medals for 1962-63 College of Agriculture Forestry and Home Economics

The following as recipients of Caleb Dorr Special Scholarship Prizes in the form of books for 1962-63 College of Agriculture Forestry and Home Economics

John E Allerson	Gerald M Larson
John C Anderson	Gary R Leff
Judith E Anderson	Gail M McCall
Duane E Annis	Donald N McMartin
Jean K Archibald	Nancy L Monhardt
Patricia D Benson	Linda J Peery
Lynn A Boldt	Jane E Plihal
Dennis P Bradley	Richard M Powell
Kenneth P Christensen	Norman B Purrington
Patricia A Churchill	Marjorie J Rodberg
George H Copa	Kerwin L Siewert
Ruth G Erickson	Sarah C Souther
Helen M Frieze	Thomas E Straw
Darrell M Frogness	Carol J Streufert
Paul T Fuchs	Ingrid L Sundquist
David F Grigal	Marcella J Swenson
Bonnie V Gustafson	Paul F Thomas
Kenneth E Hokanson	Steven G Thorne
Louise M Jasken	Herbert N Walch
Keith A Johnson	Cathy A Waslien
Bruce A Kimball	JoAnn Welschinger
Howard M Kittleson	Virginia A Wright
Janice A Knutson	Glen L Zebarth
Norma A Krenik	

The following as recipients of Caleb Dorr Special Scholarship Prizes in the form of books for 1962-63 College of Veterinary Medicine

Terry M Boldingh
Charles H Casey

Elsion R Grazin
Robert L Hickman

Stanley H Kleven
 Kermit M Lyngaas
 James B Moe
 Norman L Osgood
 John F Quast

David A Spong
 James A Swenberg
 Richard R Uhlig
 Gail D Williams

Carol J Bergman as recipient of a Caleb Dorr Special Achievement Award of \$75 for the spring quarter of 1962-63 College of Agriculture Forestry and Home Economics

Bruce L Johnson and Donald L Nelson as recipients of Eleventh District Bar Association Scholarships of \$100 each April 1 to June 15, 1963 Duluth

The following as recipients of Thomas F Ellerbe Prizes in Architecture May 8, 1963

	Amount
Austris Vitols	\$150
Gary J Mahaffey	50
Ralph R Mahaffey	50
John P Rova	50

The following as recipients of Evans Foundation Scholarships for 1962-63

	Amount
Dennis G Anderson	College of Pharmacy \$318.00
Kenneth M Anderson	Institute of Technology 302.55
Klaus Becker	Institute of Technology 320.55
Jack G Blesener	Institute of Technology 303.55
Robert Bunes	College of Science Literature and the Arts 300.00
Robert Cairns	Institute of Technology 737.55
Frank D Grefsheim	Institute of Technology 737.55
James Hahn	School of Business Administration 306.00
George Hallin	Institute of Technology 303.55
Kenneth Hokanson	College of Agriculture Forestry and Home Economics 300.00
Stanley Johnson	College of Science Literature and the Arts 300.00
Thomas M Johnson	College of Science Literature and the Arts 300.00
Richard Kasner	College of Science Literature and the Arts 200.00
Joseph M Keenan	College of Science Literature and the Arts 300.00
Steven Kollins	College of Science Literature and the Arts 100.00
John D Kuyper	College of Science Literature and the Arts 301.00
Kendall A Langeberg	Institute of Technology 302.55
Donald R Larson	Institute of Technology 301.85
Jerome L Licari	College of Agriculture Forestry and Home Economics 720.00
David Mahler	College of Science Literature and the Arts 300.00
John M Manahan	College of Science Literature and the Arts 300.00
Raymond E Marshall	College of Science Literature and the Arts 300.00
David P Meade	College of Science Literature and the Arts 300.00
Miles W Ottinger	School of Business Administration 318.00
James A Resler	College of Science Literature and the Arts 200.00
Philip A Sawyer	Institute of Technology 301.85
Robert Sodoma	Institute of Technology 320.55
Francis E Stary	Institute of Technology 320.55
Robert R Stormoen	College of Science Literature and the Arts 101.00
James R Swenson	College of Science Literature and the Arts 300.00
John R Walter	College of Education 248.00
Thomas West	College of Science Literature and the Arts 300.00

The following as recipients of Evans Foundation Scholarships of \$12 each for 1962-63

Kenneth Anderson	College of Pharmacy
Klaus Becker	Institute of Technology
Jack G Blesener	Institute of Technology
Robert Bunes	College of Science Literature and the Arts
Robert Cairns	Institute of Technology
Frank D Grefsheim	Institute of Technology
James Hahn	School of Business Administration
George G Hallin	Institute of Technology
Kenneth Hokanson	College of Agriculture Forestry and Home Economics
Stanley Johnson	College of Science Literature and the Arts
Thomas Johnson	College of Science Literature and the Arts
Richard Kasner	College of Science Literature and the Arts
Joseph Keenan	College of Science Literature and the Arts
Steven Kollins	College of Science Literature and the Arts
Kendall A Langeberg	Institute of Technology
Donald R Larson	Institute of Technology
Jerome L Licari	College of Agriculture Forestry and Home Economics
David Mahler	College of Science Literature and the Arts
John M Manahan	College of Science Literature and the Arts
Raymond E Marshall	College of Science Literature and the Arts
James E Mayer	Law School
David P Meade	College of Science Literature and the Arts
Miles W Ottinger	School of Business Administration
James A Resler	College of Science Literature and the Arts
Philip A Sawyer	Institute of Technology
Robert Sodoma	Institute of Technology
Francis E Stary	Institute of Technology
Robert R Stormoen	College of Science Literature and the Arts
James R Swenson	College of Science Literature and the Arts
Dale Tjosvold	College of Science Literature and the Arts
Thomas West	College of Science Literature and the Arts

Marija Skutans as recipient of a Faculty Women's Club Scholarship of \$100 for the spring quarter of 1962-63 Art Education

Laurence A Anderson as recipient of a Henry J Fletcher Memorial Scholarship of \$100 for the spring quarter of 1962-63 Law School

Phillip D Nelson as recipient of a Henry J Fletcher Memorial Scholarship of \$150 for the spring quarter of 1962-63 Law School

The following as recipients of Ford Foundation Fellowships in Business Administration of \$1,000 each June 16 to September 15, 1963

Richard N Cardozo
Jung S Chai
Jack H Doty

John H Kruger, Jr
Robert J Nelson
Robert W Vanasse

Louise M Jasken as recipient of a Dean E M Freeman Medal for Student Leadership for 1962-63 College of Agriculture Forestry and Home Economics

David F Grigal as recipient of a Samuel B Green Scholarship Medal for 1962-63 College of Agriculture Forestry and Home Economics

Kenneth E Newman as recipient of a Johnson and Johnson Award May 21, 1962 College of Pharmacy

Jack G Blesener as recipient of an Al Johnson Foundation Scholarship of \$300 for the spring quarter of 1962-63 Institute of Technology

Aija S Strelnieks as recipient of a Kappa Epsilon Award of \$25 May 24, 1963 College of Pharmacy

Vija V Zemmers as recipient of a Lehn and Fink Gold Medal Award May 21, 1963 College of Pharmacy

Stephen C Weisberg as recipient of an Eli Lilly Research Scholarship of \$900 June 17 to September 17, 1963 College of Medical Sciences

Kunjivhari J Mody as recipient of a Julia Marshall Scholarship of \$120 for the spring quarter of 1962-63 Mechanical Engineering

Ved Sharma as recipient of a Julia Marshall Scholarship of \$200 June 3-30, 1963 Dairy Husbandry

William L Brown as recipient of an Oscar L Mather Scholarship Book Award for 1962-63 College of Agriculture Forestry and Home Economics

Aija S Strelnieks and Vija V Zemmers as recipients of Merck Awards May 21, 1963 College of Pharmacy

Howard B Goodman as recipient of a Minneapolis Casket Scholarship of \$100 for the spring quarter of 1962-63 Mortuary Science

William W Lund as recipient of a Minnesota Broiler Producers Association Scholarship of \$205 for the spring quarter of 1962-63 College of Agriculture Forestry and Home Economics

Arnold R Enslin and John M Happe as recipients of Minnesota Funeral Directors Association Scholarships of \$100 each for the spring quarter of 1962-63 Mortuary Science

The following as recipients of Minnesota State Council on Economic Education Scholarships of \$500 each for the first term Summer Session of 1963 Graduate School

Leonard J Beilke	Arthur H Johnson
Gerald W Christenson	James H Jordal
Thomas Collins	William T Jordan
Walter T Connett	William R Juola
E Daniel Eckberg	Andrew L Otto
James Flannery	Leonard J Plotnik
William H Hobson	Robert K Skouge
A H Holper	

The following as recipients of Minnesota State Council on Economic Education Scholarships of \$57.50 each for the second term Summer Session of 1963 Graduate School

George L Cronquist	Wayne A Meisner
James R Flis	Evelyn D Powell
Raymond J Freund	John D Schroeder
Henry Howe	Harlan Sheely
Warren Hutchens	David D Twombly
Clifford Gilbertson	Clifford H Wiklund
Mary K Klaurens	Clarence E Wilson
Mary M Libera	

James N Dougherty as recipient of a Minnesota Veterinary Medical Association Award of \$25 April 16, 1963

The following as recipients of Minnesota Vocational Agricultural Instructors Fellowships of \$100 each for the Summer Session of 1963

Edward H Fier	John F Januschka
Gene V Francis	Emery A Krech
Joseph Freeman	Erman O Ueland
Delbert L Hodgkins	John W Zwiebel

Norman G Brakken as recipient of a Minnesota Vocational Agricultural Instructors Fellowship of \$200 for the Summer Session of 1963

Martin H Ricker recipient of a Moorman Manufacturing Company Scholarship in Agriculture to receive a supplement of \$2.30 for the spring quarter of 1962-63

Ved V Sharma as recipient of a National Science Foundation Fellowship of \$400 May 20, 1963 Dairy Husbandry

The following as recipients of National Science Foundation Undergraduate Science Education Program Grants-in-Aid in Chemical Engineering of \$600 each June 15 to September 15, 1963

Donald A Grgurich	Rolf K Mueller
Michael R Halberg	Lawrence L Nolan
George D Lehmkuhl	Glen L Sjoblom
Torger Lode	Charles H Swanson
David J Lorine	

The following as recipients of National Science Foundation Undergraduate Research Participation Program Scholarships May 6, 1963 Institute of Technology

	Amount
William W Brooks	\$200
David W Gimmestad	200
James P Licari	100
David L Sippel	200

The following as recipients of National Society of Colonial Dames of America in the State of Minnesota Scholarships May 14 to June 30, 1963

	Amount
Ali Barzegar	College of Science Literature and the Arts \$200
Jutta Bathe	Graduate School 150
Santosh Nandy	Graduate School 200
Elio Nunez-Garcia	Graduate School 175
Fritz Purmann	College of Agriculture Forestry and Home Economics 150
Danuta Zamojska	Graduate School 125

Henry J Griffiths as recipient of a Norden Distinguished Teacher Award of \$100 May 2, 1963 College of Veterinary Medicine

Robert F Coleman as recipient of an Office of Vocational Rehabilitation Training Grant of \$1,400 April 1 to August 31, 1963 Speech and Theatre Arts

The following as recipients of Charles Lathrop Pack Prizes in Forestry for 1962-63

	Amount
Michael A Torgrimson	First prize \$60
John C Troolin	Second prize 30
Delbert R Johnson	Third prize 15

The following as recipients of Project English Fellowships June 17 to July 20, 1963 College of Education

	Amount
Hubert A Anderson	\$750.00
Bruce R Aunan	675.00
Carol A Carlson	375.00
Elizabeth J Devans	375.00
Beverly N Hansen	375.00
David J Heritage	600.00
Muriel M Korfhage	375.00
Olga V Lundmark	450.00
Richard P O'Brien	750.00
Ethel C Shutts	375.00
Lucile D Swanberg	375.00
Ivan B Whillock	600.00
Eleanor S Woodey	487.50

Glen R Larson as recipient of a Rexall Mortar and Pestle Award May 21, 1963 College of Pharmacy
 The following as recipients of Rhetoric Service Awards for 1962-63

Creative Writing

		Amount
Gayle M Bock	First prize	\$25
Barbara L Jensen	Second prize	15

Effective Listening

John E Allerson	First prize (Tie)	20
Mary L Engman	First prize (Tie)	20
Melvin P Schefers	Third prize (Tie)	5
Marcus L Winter	Third prize (Tie)	5

Efficient Reading

Mary L Engman	First prize	25
Richard A Eltgroth	Second prize	15
Marcus L Winter	Third prize	10

Extemporaneous Speaking

Mancel T Mitchell	First prize	25
Howard M Kittleson	Second prize	15
Carol A Raschka	Third prize	10

Oral Interpretation

Eleanor B Moore	First prize	25
Judy A Ritari	Second prize	15
Mancel T Mitchell	Third prize	10

Original Oratory Contest

Howard M Kittleson	First prize	25
Merlin G Green	Second prize	15
Joseph A Swenson	Third prize	10

Richard J Poor as recipient of a Rho Chi Award May 21, 1963 College of Pharmacy

The following as recipients of Henry Schmitz Student Leadership Awards of \$50 each for 1962-63 College of Agriculture Forestry and Home Economics

Richard A Fihn	Darrel L Kenops
Warren L Holzheid	

Ronald S Kari as recipient of a School of Business Administration Service Fund Scholarship of \$200 for the spring quarter of 1962-63

Elsie M Sanford recipient of a Sears-Roebuck Foundation Home Economics Freshman Scholarship to receive a supplement of \$2.30 for the spring quarter of 1962-63

Edward M Goddard as recipient of a Silver Anniversary Scholarship of \$200 for the spring quarter of 1962-63 Mortuary Science

Donald L Varville as recipient of a Belle Bonsteel Sorensen Scholarship of \$35 April 1 to June 15, 1963 Music

Richard E Sykes as recipient of a Tozer Foundation Graduate Scholarship of \$500 May 23 to June 30, 1963 American Studies

The following as recipients of United States Office of Education Counseling Institute Scholarships June 17 to July 26, 1963 Educational Psychology

	Amount
June E Bohle	\$450
Elizabeth T Burianek	450
Eileen E Davis	540
Anna M Dawson	450
Kenneth L Eggert	540
Lilly L Epps	450
James P Flynn	720
John W Geist	720
Russell R Gettinger	720
Shirley A Griggs	540
Olaf A Hammersness	720
Milton J Hughes	720
Ivan F Hurt	810
Bevan E Kuntz	540
Maxine P Mills	540
Luther C Morgan	900
Earl E Nelson	990
Dennis K Palmer	450
Harriet R Prussing	450
A Harriet Scowden	450
Arthur C Serfling	990
Pauline Sherer	450
James V Smalley	720
John A Tesmer	900
Gerald R Thompson	900
Roger L Wald	990
William T Welch	810
David A Wilson	630
Evelyn E Wilson	450

Paul F Wernimont as recipient of a United States Public Health Service Predoctoral Fellowship in Industrial Psychology of \$3,200 April 15, 1963 to April 14, 1964

The following as recipients of United States Public Health Service Traineeships of \$100 each June 16-30, 1963 Biochemistry College of Agriculture Forestry and Home Economics

Morris P Burkwall, Jr	Nancy I Phillips
Dale A Christensen	Wilmar L Salo
Frances I Huotari	Richard A Smith
Leonard F Lampert	Lauren C E Stenroos
Mark O J Olson	

The following as recipients of United States Public Health Service Traineeships in Biochemistry College of Medical Sciences July 1 to September 30, 1963

	Amount
Helen M Cost	\$400 plus tuition and fees
Richard E Erickson	400 plus tuition and fees
Sally E Jorgensen	400 plus tuition and fees
Richard L Kellor	400 plus tuition and fees
Tracy C Linn	580 plus tuition and fees
Mary Lou Mobberley	400 plus tuition and fees
Lyle F Norton	220 plus tuition and fees
Merle S Olson	400 plus tuition and fees

The following as recipients of United States Public Health Service
 Traineeships in Medical Microbiology Research July 1, 1963 to June 30,
 1964

	Amount
Dorothy C Anderson	\$3,485.04
Robert P Burchard	3,485.04
Connie Clark	2,904.00
Roswell S Coles	7,999.92
Lance B Crombie	2,904.00
Roberta A Flynn	2,904.00
Edgar E Hanna	3,404.04
Herbert J Hatcher	1,452.00
Jean A Hyslop	2,904.00
Russell C Johnson	7,999.92
Terry C Johnson	3,903.96
Muhammad R Karim	2,904.00
Yoon B Kim	7,440.00
Mary Jane Klun	2,904.00
Louis C Landman	2,904.00
Claus Leitzmann	3,903.96
Robert J Mathews	3,404.04
Thomas E Miller	2,904.00
Chee P Ng	3,485.04
Mary E Pollock	6,999.96
Robert F Ramaley	3,485.04
William S Ramsey	2,904.00
Howard J Singer	2,904.00
Benjamin F Watson	2,904.00
Phyllis M Webb	2,904.00
Lucretia N Yueh	2,904.00

William S Ramsey as recipient of a United States Public Health Service
 Training in Medical Microbiology Research Fellowship of \$120 June 16-30,
 1963

Benjamin C Leadholm and Douglas K Roszell as recipients of United
 States Public Health Service Diabetes Training Grants of \$900 each June
 17 to September 13, 1963 Medicine

Peter F Kohler as recipient of a United States Public Health Service
 Fellowship in Allergy and Immunology of \$3,000 plus tuition and fees July
 1 to December 31, 1963 and April 1 to June 30, 1964 Medicine

Jack L Reddin as recipient of a United States Public Health Service
 Fellowship in Allergy and Immunology of \$3,000 plus tuition and fees July
 1, 1963 to March 31, 1964 Medicine

Luigi Taddeini as recipient of a United States Public Health Service
 Fellowship in Hematology of \$6,000 July 1, 1963 to June 30, 1964 Medicine

Vladimir Kanjuh as recipient of a United States Public Health Service
 Foreign Research Fellowship of \$2,000 March 1 to June 30, 1963 Pathology

Lawrence W Chakrin and William Kreutner as recipients of United
 States Public Health Service Training Program in Pharmacology and Toxi-
 cology Scholarships of \$3,780 each April 1, 1963 to June 30, 1964 Pharma-
 cology

The following as recipients of United States Public Health Service
 Training Program in Pharmacology and Toxicology Scholarships May 1,
 1963 to June 30, 1964 Pharmacology

	Amount
Marion W Anders	\$6,911.44
Charles R Craig	4,583.34
Ralph E Giles	3,543.34
Alan M Goldberg	4,023.34
Richard D Green	4,023.34

	Amount
Louis J Ignarro	3,543.34
Alan Rubin	4,600.00
George R Spratto	4,023.34
Robert E Stitzel	4,523.24
Donald R Van Harken	4,648.34
Marshall B Wallach	3,543.34
Richard N Wolfe	4,023.34

Norman E Sladek as recipient of a United States Public Health Service Training Program in Pharmacology and Toxicology Scholarship of \$756 June 1 to August 31, 1963 Pharmacology

Michael J Bell as recipient of a United States Public Health Service Epidemiology Scholarship of \$205 May 6 to June 15, 1963 School of Public Health

Ben A Brodovicz recipient of a United States Public Health Service Training in Air Pollution Scholarship from \$3,360 to \$3,080 July 16, 1962 to June 15, 1963 School of Public Health

Lawrence H Meskin as recipient of a United States Public Health Service Scholarship in Epidemiology of \$6,660 June 1, 1963 to May 31, 1964 School of Public Health

Herbert C Crowe recipient of a United States Public Health Service Training in Air Pollution Scholarship from \$4,080 to \$3,740 July 16, 1962 to June 15, 1963 School of Public Health

Marilyn R Johnson as recipient of a United States Public Health Service Professional Nurses Advanced Training Grant of \$800 April 1 to July 20, 1963 and September 23 to December 14, 1963

Audrey M Engelstad as recipient of a United States Public Health Service Professional Nurses Advanced Training Grant of \$950 June 18 to August 24, 1963 and September 23 to December 14, 1963

Janet F Johannsen as recipient of a United States Public Health Service Professional Nurses Advanced Training Grant of \$562 June 16 to August 24, 1963

Emmy-Lou P Wilson as recipient of a United States Public Health Service Professional Nurses Advanced Training Grant of \$631 June 16 to August 24, 1963

Patricia L Kurimay as recipient of a United States Public Health Service Professional Nurses Advanced Training Grant of \$2,150 June 18 to August 24, 1963 and September 23, 1963 to June 13, 1964

The following as recipients of United States Public Health Service Surgery Department Cancer Training Grants July 1, 1962 to June 30, 1963

	Amount
Gary W Lyons	\$3,000 plus tuition
Francisco E Oliveras-Armstrong	1,242
Demetre M Nicoloff	6,216

Jack H Bloch as recipient of a United States Public Health Service Surgery Department Cancer Training Grant of \$366.66 June 1-30, 1963

John B Lunseth as recipient of a United States Public Health Service Surgery Department Cancer Training Grant of \$461.46 June 1-30, 1963

Patrick M Malone as recipient of a United States Public Health Service General Research Support Fellowship of \$600 April 1 to May 31, 1963 Radiology

Joseph C Belshe as recipient of a United States Public Health Service General Research Support Grant of \$2,717.75 April 1 to October 31, 1963 Anesthesiology

David G Anderson as recipient of a United States Public Health Service Teaching and Research Training in Dentistry Fellowship of \$7,000 July 1, 1963 to June 30, 1964

John M Grewe as recipient of a United States Public Health Service Teaching and Research Training in Dentistry Fellowship of \$6,500 July 1, 1963 to June 30, 1964

Arthur R Johnson as recipient of a United States Public Health Service Teaching and Research Training in Dentistry Fellowship of \$8,000 July 1, 1963 to June 30, 1964

Burton Shapiro as recipient of a United States Public Health Service Teaching and Research Training in Dentistry Fellowship of \$6,500 July 1, 1963 to June 30, 1964

David C Anderson as recipient of a United States Public Health Service Teaching and Research Training Fellowship in Dentistry of \$291.70 June 16-30, 1963

Clyde H Wilkes as recipient of a United States Public Health Service Teaching and Research Training in Dentistry Fellowship of \$2,750 July 1 to December 31, 1963

The following as recipients of University Bookstores Scholarships March 30 to June 30, 1963

		Amount
Kenneth L Surbrook	College of Education	\$100.00
David C Schrupp	School of Dentistry	145.00
Robert W Wells	Institute of Technology	100.85

Bobby L Bell as recipient of a University of Minnesota Intercollegiate Athletic Grant-in-Aid of \$490.05 for the fall quarter of 1962-63 College of Education

Arthur E Musembwa as recipient of a University of Minnesota International Exchange Scholarship of \$300 May 23 to June 30, 1963 Mathematics College of Science Literature and the Arts

James L Hansen and David E Ostergaard as recipients of Izaak Walton League of America Inc Scholarships of \$125 each for the summer terms of 1963 College of Agriculture Forestry and Home Economics

Arnold L Luukkonen and Robert A Rich as recipients of J L Washburn Memorial Scholarships of \$25 each June 4, 1963 Duluth

Zahid Hussain as recipient of an N O Welander Grant-in-Aid of \$150 March 30 to June 30, 1963 School of Business Administration

Richard K Anderson as recipient of a Women's Auxiliary to the American Veterinary Medical Association Award of \$50 April 16, 1963 College of Veterinary Medicine

Roger C Wachter as recipient of a Wulling Club Key May 21, 1963 College of Pharmacy

Special Appointments

Hugh B Wilcox Professor Emeritus Aeronautics and Engineering Mechanics to serve as Professor for the first and second terms Summer Session of 1963 at \$2,700 (71 years of age)

Anne L Wirt as Lecturer Psychology Research Funds for the spring quarter of 1962-63 at \$154 Term CHTX7 (\$6,600 B rate); husband Robert D Wirt Professor Psychology Term B

Martha M Wood as Research Assistant Law School beginning April 25, 1963 at \$2.77 per hour (husband Edmund J Wood Research Assistant Law School hourly rate)

M Susanne Smith Bell Senior Clerk-Typist Geology and Geophysics at \$3,504 from Term A to Term AX (married to Robert E Bell Teaching Assistant Geology and Geophysics Term BH50 April 27, 1963)

Janet Harris Koopman from Student Practical Nurse University of Minnesota Hospitals at \$1.68 per hour to General Staff Nurse at \$385 per month May 6, 1963 (sister Judith Harris General Staff Nurse University of Minnesota Hospitals monthly rate)

Promotions and Transfers

E W Ziebarth from Dean and Professor Summer Session and Extension Division at \$19,750 Term A to Dean and Professor College of Liberal Arts at the rate of \$23,000 Term A beginning July 1, 1963 (this cancels promotion to Dean and Professor Summer Session and Extension Division approved previously)

Willard L Thompson from Assistant to the President and Associate Professor at \$17,750 Term A to Dean and Professor General Extension Division and Summer Session at the rate of \$20,500 Term A beginning July 1, 1963

Luther J Pickrel from Associate Professor Extension Economist Public Affairs Agricultural Extension Service at \$11,900 Term A to Assistant to the President and Associate Professor Office of the President at the rate of \$16,000 Term A beginning July 1, 1963

William D Kelly from Professor Surgery Research Funds at \$16,667 Term CT (\$20,000 A rate) September 1, 1962 to June 30, 1963 to Professor Surgery Career Award Funds at the rate of \$22,000 Term A January 1 to June 30, 1963

Robert F Holt, Sr from Research Associate Soil Science without salary July 1, 1962 to June 30, 1963 to Professor without salary July 1, 1963 to June 30, 1964

Allyn G Bridge from Lecturer School of Public Health without salary to Associate Professor at the rate of \$15,000 Term A beginning June 1, 1963

R Edith Stedman from Instructor Educational Psychology and Associate Director Student Activities Bureau Office of the Dean of Students at \$11,000 Term A to Assistant Professor Educational Psychology and Associate Director without change in salary rate or term April 1 to June 30, 1963

Raymond R Allmaras from Research Associate Soil Science without salary July 1, 1962 to June 30, 1963 to Assistant Professor without salary July 1, 1963 to June 30, 1964

William C Burrows from Research Associate Soil Science without salary July 1, 1962 to June 30, 1963 to Assistant Professor without salary July 1, 1963 to June 30, 1964

Charles E Clapp, Jr from Research Associate Soil Science without salary July 1, 1962 to June 30, 1963 to Assistant Professor without salary July 1, 1963 to June 30, 1964

Raymond J Kunze from Research Associate Soil Science without salary July 1, 1962 to June 30, 1963 to Assistant Professor without salary July 1, 1963 to June 30, 1964

Ida Kurcz-Piesowicz Research Fellow Psychology Research Funds at \$1,943 Term CHT50 (\$6,216 A rate) November 16, 1962 to June 30, 1963 to serve as Instructor without change in salary rate or term March 16 to June 15, 1963

Michael W Diffley from Research Assistant Numerical Analysis Center at \$3,240 Term BH75 to Research Fellow at the rate of \$3,730 Term BHT80 (\$4,662 B rate) March 16 to June 15, 1963

James D Punch from Teaching Assistant Dairy Industries at \$2,160 Term BH50 to Research Fellow Dairy Industries Research Funds at the rate of \$4,662 Term AHT75 (\$6,216 A rate) April 1 to June 30, 1963

George A Bean from Research Assistant Plant Pathology and Botany Research Funds and Teaching Assistant Plant Pathology and Botany at \$3,942 Term AHT68 to Research Fellow Plant Pathology and Botany Research Funds and Instructor Plant Pathology and Botany at the rate of \$6,216 Term AT May 1 to June 30, 1963

Robert C Bright from Research Assistant Geology and Geophysics Research Funds at \$2,160 Term BHT50 to Research Fellow at \$1,295 Term CT (\$6,216 A rate) April 15 to June 30, 1963

Joseph F Merklin from Research Assistant School of Chemistry Research Funds at \$720 Term CHT50 March 16 to June 15, 1963 to Research Fellow at \$862 Term CT (\$6,500 A rate) May 14 to June 30, 1963

Bobbie L Keeling from Research Assistant Plant Pathology and Botany Research Funds at \$2,880 Term AHT50 to Research Fellow at the rate of \$6,216 Term AT June 1-30, 1963

Faruk S Abuzzahab from Research Fellow Psychiatry and Neurology Research Funds at \$4,583 Term CHT50 (\$10,000 A rate) August 1, 1962 to June 30, 1963 to Research Fellow Pharmacology Research Funds at \$4,795 Term CHT52 (\$10,000 A rate) August 1, 1962 to June 30, 1963

Frances L Lynch Research Assistant Plant Pathology and Botany Research Funds at \$2,880 Term AHT50 to serve in addition as Assistant Agricultural Extension Specialist Plant Pathology Agricultural Extension Service at \$240 for 50% time June 1-30, 1963

Robert L Norgren from Research Assistant Plant Pathology and Botany Research Funds at \$2,880 Term AHT50 to Assistant Agricultural Extension Specialist Plant Pathology Agricultural Extension Service at the rate of \$5,760 Term AT June 1-30, 1963

William C Scharf from Research Assistant Entomology Fisheries and Wildlife Research Funds at \$360 Term CHT50 April 1 to May 15, 1963 to Assistant Agricultural Extension Specialist Entomology Agricultural Extension Service at the rate of \$2,880 Term AHT50 (\$5,760 A rate) May 15 to June 30, 1963

Olgerts L Karklins Research Assistant Geology and Geophysics Research Funds at \$2,160 Term BH50 to serve as Teaching Assistant Geology and Geophysics and Research Funds without change in salary rate or term March 16 to June 15, 1963

Sita R Tatini Research Assistant Dairy Industries Research Funds at \$2,880 Term AHT50 to serve as Teaching Assistant Dairy Industries for 25% of time without change in salary rate or term April 1 to June 15, 1963

Penelope B Odum from Research Assistant Psychology Research Funds from \$2,160 Term BHT50 to Teaching Assistant without change in salary rate or term March 16 to June 15, 1963

James M Moore Research Assistant Statistics at \$1,080 Term BHT25 to serve in addition as Research Assistant Psychiatry and Neurology and Research Funds at the rate of \$2,880 Term AHT50 May 16 to June 30, 1963

Lakshminarayana Muthulingam from Teaching Assistant Geology and Geophysics at \$360 Term CHT25 March 16 to June 15, 1963 to Research Assistant Geology and Geophysics Research Funds without change in salary rate or term March 16 to June 15, 1963

Monte R Blair from Research Assistant Rural Sociology Research Funds at \$1,740 Term CHT50 September 24, 1962 to April 30, 1963 to Research Assistant Sociology Research Funds at \$240 Term CHT50 May 1-31, 1963

Laurence E Nyquist from Teaching Assistant School of Physics and Research Assistant School of Physics Research Funds at \$2,376 Term BHT55 to Research Assistant School of Physics Research Funds without change in salary rate or term March 16 to June 15, 1963

Trilochan S Hora from Research Assistant Soil Science Research Funds at \$480 Term CHT25 January 16 to May 15, 1963 to Research Assistant Microbiology Research Funds at \$360 Term CHT50 May 16 to June 30, 1963

Anatolio B Cruz, Jr from Medical Fellow Surgery Ancker Hospital Fellowships at \$3,000 plus tuition and fees Term AT to Research Assistant Surgery Research Funds at the rate of \$3,456 Term AHT60 May 1 to June 30, 1963

Georgianna D Warren from Research Assistant Physical Medicine and Rehabilitation Research Funds at \$1,800 Term CHT75 February 1 to June 30, 1963 to Research Assistant Physical Medicine and Rehabilitation at \$720 Term CHT50 April 1 to June 30, 1963 and Psychometrist Psychiatry

and Neurology and University of Minnesota Hospitals at \$555 Term CHT50 (\$4,440 A rate) April 1 to June 30, 1963

Sigrid A Bachmann from Medical Fellow Medicine Research Funds at \$3,000 plus tuition and fees Term AT to Medical Fellow Medicine with salary paid directly by the Veterans Administration Hospital May 1, 1963 to June 30, 1964

Francisco E Oliveras-Armstrong from Medical Fellow Surgery Research Funds from \$2,250 plus tuition and fees Term CT October 1, 1962 to June 30, 1963 to Medical Fellow Surgery and Research Funds at \$3,000 plus tuition and fees Term AT July 1, 1962 to June 30, 1963

James J Shea from Medical Fellow University of Minnesota Hospitals at \$3,000 plus tuition and fees Term AT to Medical Fellow Anesthesiology with salary paid directly by the Veterans Administration Hospital May 6 to June 30, 1963

Donald Limbeck from Medical Fellow Anesthesiology with salary paid directly by the Veterans Administration Hospital to Medical Fellow University of Minnesota Hospitals at the rate of \$3,000 plus tuition and fees Term AT May 20 to June 30, 1963

John S Rydberg from Research Fellow Anesthesiology Research Funds at \$4,659 Term AHT75 (\$6,216 A rate) to Medical Fellow University of Minnesota Hospitals at the rate of \$3,000 plus tuition and fees Term AT April 1 to June 30, 1963

Masaru Hirata from Research Associate Mechanical Engineering at \$2,667 Term CT (\$6,000 B rate) February 16 to June 15, 1963 to Hill Foundation Non-service Fellow in Thermodynamics and Heat Transfer at \$2,000 Term CT June 16 to September 15, 1963

Shirley M Korblick from Senior Cashier Physical Education and Athletics at \$5,844 Term AL to Athletic Ticket Manager Intercollegiate Athletics at the rate of \$7,692 Term A June 16-30, 1963 and at \$8,004 Term A for 1963-64

Elaine G Skoog from Secretary Office of the Advisory Architect at \$3,648 Term A to Senior Secretary Business Office at the rate of \$3,792 Term A April 25 to June 30, 1963

Richard E Hauk Stores Clerk General Storehouse at \$2,664 Term A to serve as Laborer at the rate of \$3,504 Term A May 1-15, 1963

Bobbie H Johnson from Senior Clerk-Typist Office of Admissions and Records at \$3,792 Term A to Principal Clerk at the rate of \$4,104 Term A May 1 to June 30, 1963

Martha Q Schafer from Clerk Office of Admissions and Records at \$2,772 Term A to Senior Clerk at the rate of \$3,240 Term AT April 16 to June 30, 1963

Donald Fahey from Principal Accountant Office of the Field Auditor at \$7,392 Term A to Principal Auditor at the rate of \$7,692 Term A March 1 to June 30, 1963

Theodore F Kane from Accountant Office of the Field Auditor at \$5,400 Term A to Auditor at the rate of \$5,616 Term A March 1 to June 30, 1963

Carol J Malmstrom from Senior Clerk Business Office at \$3,372 Term A to Senior Account Clerk Scientific Apparatus Services at the rate of \$4,104 Term A May 1 to June 30, 1963

Nancy J Arko from Teaching Assistant Zoology at \$1,296 Term BH30 to Artist at \$750 Term CHX75 (\$4,800 A rate) April 1 to June 15, 1963

Bette C Kerr from Senior Clerk-Typist American Studies at \$3,372 Term A to Secretary at the rate of \$3,504 Term A January 1 to June 30, 1963

George H Carlson from Junior Engineer St Anthony Falls Hydraulic Laboratory at \$6,072 Term AT to Engineer at the rate of \$6,828 Term AT May 16 to June 30, 1963

Georgine B Betker from Clerk-Typist Electrical Engineering at \$2,772 Term AT to Senior Clerk-Typist at the rate of \$3,372 Term A May 24 to June 30, 1963

Ronald J Huber from Stores Clerk General Storehouse at \$2,664 Term A to Utility Man School of Physics at the rate of \$3,648 Term AT May 1 to June 30, 1963

Harley J Steinbrenner from General Mechanic School of Physics at \$4,620 Term AT to Laboratory Machinist at the rate of \$4,992 Term AT January 16 to June 30, 1963

Helen O Bean from Clerk-Typist Horticulture at \$2,772 Term A to Senior Clerk-Typist at the rate of \$3,372 Term A June 1-30, 1963

Judith A Livermore from Clerk-Typist Business Office at \$2,880 Term A to Senior Clerk-Typist Veterinary Medicine and Clinics at the rate of \$3,372 Term A May 6 to June 30, 1963

Judy D Anderson from Clerk-Typist University of Minnesota Hospitals at \$2,880 Term A to Senior Clerk-Typist at the rate of \$3,372 Term AT May 1 to June 30, 1963

Nancy L Bottomley General Staff Nurse University of Minnesota Hospitals at \$4,440 Term A to serve as Senior Clinic Nurse at the rate of \$5,196 Term AX May 6 to June 30, 1963

Elton M Chapman Senior General Mechanic University of Minnesota Hospitals at \$6,072 Term A to continue to serve as General Mechanic Foreman at the rate of \$6,312 Term AX April 22 to May 5, 1963

Wayne Erickson from General Mechanic University of Minnesota Hospitals at \$5,400 Term A to Senior General Mechanic at the rate of \$5,616 Term AT March 14 to June 30, 1963

Helen R Hopkins from General Staff Nurse Cancer Detection Center at \$4,992 Term AT to General Staff Nurse University of Minnesota Hospitals without change in salary rate Term A May 13 to June 30, 1963

Minerva F Norell Assistant Head Hospital Nurse University of Minnesota Hospitals at \$5,400 Term A to serve as Head Hospital Nurse at the rate of \$5,616 Term AT April 29 to June 2, 1963

Erna Rathfelder from Custodial Worker University of Minnesota Hospitals at \$2,772 Term A to Stores Clerk without change in salary rate or term April 8 to June 30, 1963

Ruth Rosendahl from Student Technologist Supervisor University of Minnesota Hospitals at \$6,312 Term A to Principal Medical Technologist at the rate of \$6,564 Term AT March 1 to June 30, 1963

Myrtle Sparrow from Laboratory Attendant University of Minnesota Hospitals at \$3,120 Term A to Senior Laboratory Attendant at the rate of \$3,648 Term AT April 16 to June 30, 1963

Mary R Thompson General Staff Nurse University of Minnesota Hospitals at \$4,620 Term A to continue to serve as Acting Head Hospital Nurse at the rate of \$5,400 Term AT May 1-12, 1963

Kerwin L Swanlaw from Tabulating Equipment Operator Data Processing at \$3,792 Term A to Senior Account Clerk State Organization Service at the rate of \$4,104 Term A May 1 to June 7, 1963 (terminated)

Jean M Witek from Clerk-Typist Agricultural Extension Service at \$2,772 Term A to Senior Clerk-Typist at the rate of \$3,372 Term A May 16 to June 30, 1963

Ava A Maness from Junior Librarian Library at \$5,400 Term A to Librarian at the rate of \$5,616 Term A May 16 to June 30, 1963

Dorothy J Peterson from Clerk Agricultural Extension at \$2,664 Term A to Senior Clerk Agricultural Economics Research Funds at the rate of \$3,240 Term AT June 1-30, 1963

Norman E Mercer from Utility Man Mines Experiment Station at \$4,104 Term AT to Senior Laboratory Attendant without change in salary rate or term June 1-30, 1963

Emil R Anderson from Senior Food Service Worker Cafeteria Duluth at \$2,160 Term B to Building Caretaker Plant Services Duluth at the rate of \$3,504 Term A May 15 to June 30, 1963

Helen M Stefano from Clerk-Typist University Health Service at \$2,772 Term A to Secretary at the rate of \$3,504 Term A May 22 to June 30, 1963

Sonja G Larsen from Clerk-Typist Professional Colleges Bookstore at \$2,772 Term A to Senior Clerk-Typist at the rate of \$3,372 Term A May 28 to June 30, 1963

Donald M Oberg from Storehouse Stock Clerk Vending Machines Duluth at \$3,792 Term A to Vending Machine Route Man at the rate of \$4,440 Term A January 1 to June 30, 1963

Charles A Bentson from Laborer General Storehouse at \$3,504 Term A to Printing Assistant Printing Department without change in salary rate or term May 1 to June 30, 1963

Joseph M Bloedorn from Senior Stores Clerk University Press at \$3,504 Term A to Storehouse Stock Clerk at the rate of \$3,792 Term A March 16 to June 30, 1963

Lois E Erickson from Senior Tabulating Equipment Supervisor Numerical Analysis Center at \$6,564 Term AL to Senior Tabulating Equipment Operator at the rate of \$5,196 Term AL May 13 to June 7, 1963 and August 13, 1963 to June 30, 1964

Edith B Cavender from Secretary St Anthony Falls Hydraulic Laboratory at \$3,504 Term AT to Secretary Office of the Advisory Architect without change in salary rate Term A May 20 to June 30, 1963

Ella E Stull from Senior Secretary Minnesota School Mathematics Center Institute of Technology at \$4,272 Term AT to Principal Secretary at the rate of \$4,440 Term AT May 1 to June 30, 1963

Nona G Veith from Senior Laboratory Technician Trainee School of Physics Research Funds at \$3,648 Term AT to Senior Laboratory Technician at the rate of \$3,792 Term AT June 1-30, 1963

Igal Amiri from Research Assistant Agricultural Engineering at \$1,260 Term CHT75 March 16 to June 30, 1963 to Engineering Assistant Agricultural Engineering Research Funds at the rate of \$4,272 Term ATX March 16 to June 30, 1963

Karen Jo Jarosak from Senior Clerk-Typist Veterinary Medicine and Clinics at \$3,372 Term A to Senior Clerk-Typist Agronomy and Plant Genetics Research Funds without change in salary rate Term AT April 22 to June 30, 1963

Patricia J Baker from Junior Scientist Microbiology Research Funds at \$468 Term CT (\$5,616 A rate) June 1-30, 1963 to Assistant Scientist at \$1,771 Term CT (\$6,072 A rate) March 16 to June 30, 1963

Mary A Burt from Senior Laboratory Technician Microbiology Research Funds at \$948 Term CT (\$3,792 A rate) April 1 to June 30, 1963 to Principal Laboratory Attendant at \$2,000 Term CT (\$4,800 A rate) February 1 to June 30, 1963

Constance J Bergquist from Senior Clerk-Typist Medicine Research Funds at \$2,190 Term CT (\$3,504 A rate) November 16, 1962 to June 30, 1963 to Senior Secretary at \$632 Term CT (\$3,792 A rate) May 1 to June 30, 1963

Carolyn L Guse from Laboratory Technician Medicine Research Funds at \$1,658 Term CT (\$3,120 A rate) January 21 to June 30, 1963 to Senior Laboratory Technician at \$474 Term CT (\$3,792 A rate) May 16 to June 30, 1963

Constance L Otteson from General Staff Nurse University of Minnesota Hospitals at \$4,992 Term A to Laboratory Technologist Medicine Research Funds at the rate of \$5,196 Term AT March 14 to June 30, 1963

Virginia E Sniogowski from Laboratory Technician Medicine Research Funds at \$3,240 Term A to Senior Laboratory Technician at \$1,106 Term CT (\$3,792 A rate) March 16 to June 30, 1963

Jeanette L Michels from Senior Laboratory Technician Surgery Research Funds at \$3,420 Term CT (\$4,104 A rate) September 1, 1962 to June 30, 1963 to Laboratory Technologist at \$1,200 Term CT (\$4,800 A rate) April 1 to June 30, 1963

Mary Jo Michel from Clerk-Typist Plant Pathology and Botany at \$2,772 Term A to Senior Clerk-Typist Veterinary Pathology and Parasitology Research Funds at the rate of \$3,372 Term AT May 20 to June 30, 1963

Salary Adjustments

John Forster Assistant Professor Sociology from \$7,600 Term B to the rate of \$10,854 Term B April 1 to May 23, 1963 (terminated)

John F Helling Instructor and Field Assistant Bureau of Field Studies and Surveys from \$4,351 Term AH70 (\$6,216 A rate) to the rate of \$6,216 Term A May 1 to June 30, 1963

Sanaa E Khalafalla Research Fellow Hill Family Foundation Grant in Chemistry from \$5,004 Term AHT84 (\$5,928 A rate) to \$1,377 Term CHT93 (\$5,928 A rate) April 1 to June 30, 1963

William N Turek Research Fellow School of Chemistry Research Funds from \$4,583 Term CHT93 (\$5,928 A rate) September 1, 1962 to June 30, 1963 to \$1,000 Term CHT97 (\$6,216 A rate) May 1 to June 30, 1963

Shannon C Whipp Research Fellow Veterinary Physiology and Pharmacology Research Funds from \$4,533 Term CT (\$6,800 A rate) November 1, 1962 to June 30, 1963 to salary paid directly by the United States Public Health Service April 19 to June 30, 1963

Robert R Lansford Research Assistant Agricultural Economics Research Funds from \$2,880 Term AHT50 to the rate of \$5,760 Term AT June 16-30, 1963

Donald C Taylor Research Assistant Agricultural Economics Research Funds from \$1,920 Term AHT33 to the rate of \$5,760 Term AT June 16-30, 1963

Jerry L Strohm Research Assistant Agronomy and Plant Genetics Research Funds from \$2,880 Term AHT50 to the rate of \$5,760 Term AT June 16-30, 1963

Johng K Lim Research Assistant Agronomy and Plant Genetics Research Funds from \$2,880 Term AHT50 to the rate of \$4,032 Term AHT70 April 1 to June 30, 1963

Rajinder S Saini Research Assistant Entomology Fisheries and Wildlife Research Funds from \$2,880 Term AHT50 to the rate of \$5,760 Term AT June 16-30, 1963

Arjun K Jhangiani Research Assistant Industrial Relations Center Research Funds from \$1,024 Term CHT33 December 5, 1962 to June 15, 1963 to \$480 Term CHT50 April 16 to June 15, 1963

James A Zimmer Research Assistant Geology and Geophysics Research Funds and Teaching Assistant Geology and Geophysics from \$3,240 Term BH75 to the rate of \$4,320 Term BT March 16 to June 15, 1963

Hilman C Ratsch Research Assistant School of Forestry Research Funds from \$1,440 Term AHT25 to the rate of \$2,880 Term AHT50 April 1 to June 30, 1963

Anant S Kulkarni Research Assistant Pharmacology Research Funds from \$3,080 Term AHT53 to the rate of \$3,924 Term AHT68 April 1 to June 30, 1963

Hari P Singh Research Assistant Pharmacology Research Funds from \$3,080 Term AHT53 to the rate of \$3,424 Term AHT60 April 1 to June 30, 1963

Richard D Odom Research Assistant Institute of Child Development at \$2,160 Term BHT50 and Instructor Family Study Center at \$500 Term CHT25 (\$6,000 B rate) for the spring quarter of 1962-63 to receive \$300 for 25% time as Research Assistant Institute of Child Development April 1 to June 15, 1963

Betty L Agee Administrative Fellow Graduate School from \$3,840 Term AH66 to the rate of \$2,880 Term AH50 May 16 to June 30, 1963

Beverly D Miller Administrative Fellow Graduate School from \$3,840 Term AH66 to the rate of \$4,320 Term AH75 May 16 to June 15, 1963 and to the rate of \$5,760 Term AT June 16-30, 1963

Jerome C Fluth Medical Fellow Specialist Physical Medicine and Rehabilitation Research Funds from \$5,040 plus tuition and fees Term AT to the rate of \$5,300 plus tuition and fees Term AT March 29 to June 30, 1963

Alberto Aranibar-Zerpa Medical Fellow Psychiatry and Neurology from \$3,000 plus tuition and fees Term A to salary paid directly by the United States Public Health Service at General Hospital April 1 to June 30, 1963

Thomas E Goar Glassblower Apprentice Glassblowing Shop from \$3,948 Term A to the rate of \$4,104 Term A May 1 to June 30, 1963

Vernon L Johnson Glassblower Apprentice Glassblowing Shop from \$4,272 Term A to the rate of \$4,620 Term A February 1 to April 30, 1963 and to the rate of \$4,800 Term A May 1 to June 30, 1963

Charles D Norling Glassblower Apprentice Glassblowing Shop from \$3,792 Term A to the rate of \$3,948 Term A May 1 to June 30, 1963

William A Peterson Glassblower Apprentice Glassblowing Shop from \$3,792 Term A to the rate of \$3,948 Term A May 1 to June 30, 1963

Gordon A Smith Glassblower Trainee Electrical Engineering from \$3,792 Term AT to the rate of \$4,104 Term AT May 7 to June 30, 1963

Beverly A Bye Medical Records Typist University of Minnesota Hospitals from \$3,648 Term A to the rate of \$3,792 Term A May 16 to June 30, 1963

Frances Gahr Social Worker University of Minnesota Hospitals from \$5,400 Term A to the rate of \$4,320 Term AH80 (\$5,400 A rate) May 1 to June 30, 1963

Jeffrey B Howe Heart Lung Oxygenator Trainee University of Minnesota Hospitals from \$4,440 Term AT to the rate of \$4,272 Term AT January 28 to April 15, 1963 and to the rate of \$4,440 Term AT April 16 to June 30, 1963

Judy A Beebe Senior Clerk-Typist Trainee Audio-Visual Extension Service from \$3,120 Term A to the rate of \$3,240 Term A May 1 to June 30, 1963

Juanita K Manasas Senior Food Service Worker Shevlin Hall Food Service from \$2,880 Term A to the rate of \$2,160 Term AH75 (\$2,880 A rate) April 22 to June 30, 1963

Helena B Reimer Senior Clerk Professional Colleges Bookstore from \$3,240 Term A to the rate of \$2,592 Term AH80 (\$3,240 A rate) June 1-30, 1963

Robert J Glaser Assistant Scientist Medicine Research Funds at \$354 Term CHT20 (\$6,072 A rate) February 16 to May 31, 1963 to serve at \$152 Term CHT60 (\$6,072 A rate) April 16-30, 1963

Nancy L Jacobson Laboratory Technologist Medicine Research Funds from \$3,600 Term AHT75 (\$4,800 A rate) to \$1,000 Term CT (\$4,800 A rate) April 16 to June 30, 1963

Margaret J Biltonen General Staff Nurse Pediatrics Research Funds from \$4,160 Term CT (\$4,992 A rate) September 1, 1962 to June 30, 1963 to \$666 Term CHT80 (\$4,992 A rate) May 1 to June 30, 1963

Leaves of Absence

Voted to approve the following contracts and grants:

Dimitri T Tselos Professor Art Department sabbatical furlough for 1963-64 to collect documentary material and write two books

Philip D Jordan Professor History sabbatical furlough for 1963-64 to do research on Old World roots of American thought and culture in the British Isles France Germany Portugal and Spain

Arnold M Rose Professor Sociology continuation of leave without salary April 22 to May 22, 1963 to serve as a member of the State of Minnesota House of Representatives

Lawrence Markus Professor Mathematics Institute of Technology sabbatical furlough for 1963-64 to do research and study differential equations and differential geometry on a Guggenheim Foundation Fellowship at Lausanne Switzerland

Edgar Reich Professor Mathematics Institute of Technology sabbatical furlough for 1963-64 to study problems in functions of a complex variable and probability theory with time to be spent in the Department of Mathematics Stanford University

Warren B Cheston Professor and Associate Chairman School of Physics leave without salary for 1963-64 for temporary position with the United States government

T Michael Sanders, Jr Professor School of Physics leave without salary for 1963-64 to serve as Visiting Professor at the University of Michigan

Keith N McFarland Professor, Director of Resident Instruction College of Agriculture Forestry and Home Economics and Assistant Dean Institute of Agriculture leave with salary June 24 to July 5, 1963 for annual military training

Joseph C Olson, Jr Professor Dairy Industries leave with salary July 7-20, 1963 for annual military training

A Neal Pearson Professor and Head Sociology Division of Social Sciences Duluth leave with salary June 3-16, 1963 for annual military training

Forrest L Vance Associate Professor Psychology Office of the Dean of Students Student Counseling Bureau leave without salary August 1, 1963 to June 30, 1964 to accept an assignment in the Central Office of the American Psychological Association Washington D C as an administrative officer for scientific and professional ethics

Homer T Mantis Associate Professor School of Physics leave without salary for 1963-64 to serve as Visiting Professor at the University of Washington

Lura M Morse Associate Professor School of Home Economics leave with salary August 9-15, 1963 to attend the 6th International Congress on Nutrition at Edinburgh Scotland and to visit nutrition research facilities at the University of London Cambridge University and Rowett Research Institute in Aberdeen Scotland

James A Wright Assistant Professor English leave without salary for 1963-64 to accept a position in the Department of English at Macalester College

John W Webb Assistant Professor Geography sabbatical furlough for 1963-64 to do advance research and writing in geographical and locational aspects of population changes in economically advanced countries during and since the industrializing age with time to be spent in London

Warren B Stenberg Assistant Professor Mathematics Institute of Technology sabbatical furlough for 1963-64 to accept a Science Faculty Fellowship by the National Science Foundation to do research at the Department of Mathematics at the University of California Berkeley

Edgar L Makowski Assistant Professor Obstetrics and Gynecology leave without salary September 16, 1963 to September 15, 1964 to work under the direction of Dr Donald H Barron Department of Physiology Yale University

Charles A Carr Instructor Rhetoric leave without salary for 1963-64 to complete PhD degree

Carlton B Lehmkuhl Instructor and Field Assistant Bureau of Field Studies and Surveys leave without salary June 1-30, 1963 to complete doctoral dissertation

Jean C Holroyd Clinical Instructor Psychiatry and Neurology Research Funds leave without salary May 1-14, 1963 on account of pregnancy

David H Nordby Research Fellow School of Physics Research Funds leave without salary February 11-15, 1963 to serve on the Cooperative Project at Argonne National Laboratory

Thomas D Martin Research Fellow Psychiatry and Neurology Research Funds continuation of leave without salary May 1 to June 30, 1963 to visit scientific laboratories in Europe

Orville M Gunderson Area Soils Agent Instructor Agricultural Extension Service leave without salary June 3-14, 1963 to complete work on Master's degree at the University of Minnesota

Sharon L Stetzler Clerk Business Office leave without salary May 8-17, 1963 on account of illness

Barbara C K Osman Senior Secretary Office of the Dean of Students leave without salary June 17-30, 1963 for study in Mexico

Deanna L Jackson Clerk Office of Admissions and Records leave without salary May 6-17, 1963 on account of illness

Judith J Pietila Senior Clerk-Typist Student Personnel Services Duluth leave without salary May 16 to June 30, 1963 on account of pregnancy

Susan B Burgett Clerk-Typist Electrical Engineering leave without salary March 15-22, 1963 on account of illness

Lawrence S Olson Electronics Mechanic School of Physics leave without salary May 27 to June 30, 1963 for military service

Irene Timmerman Laboratory Technologist Pathology leave without salary May 6-24, 1963 for personal reasons

Karen Fletcher Clerk-Typist Division of Humanities Morris leave without salary March 8-31, 1963 on account of illness

Mary Davis Hospital Aide University of Minnesota Hospitals leave without salary April 22-24, 1963 and May 27 to June 23, 1963 on account of illness

Mary Faison Custodial Worker University of Minnesota Hospitals leave without salary May 1 to June 30, 1963 on account of illness

Margaret K Lefavor Laboratory Attendant University of Minnesota Hospitals leave without salary April 18 to May 31, 1963 on account of injury at work

Judith I McGuire Hospital Aide University of Minnesota Hospitals leave without salary May 9-20, 1963 on account of illness

Winifred V Meeker Head Hospital Nurse University of Minnesota Hospitals continuation of leave without salary April 29 to June 2, 1963 on account of injury

Robert Rosenkrans Senior General Mechanic University of Minnesota Hospitals leave without salary April 25 to May 5, 1963 on account of illness

Shirley F Shea Head Hospital Nurse University of Minnesota Hospitals leave without salary April 23 to May 31, 1963 on account of illness

Nancy R Sunde Secretary University of Minnesota Hospitals leave without salary April 19-26, 1963 on account of illness

Marvin Thomas Hospital Janitor University of Minnesota Hospitals continuation of leave without salary April 30 to May 31, 1963 on account of injury at work

Florence C Tutila Food Service Worker University of Minnesota Hospitals leave without salary April 26 to May 15, 1963 on account of illness

Richard B Tilman Senior Clerk Library leave without salary April 8-19, 1963 for annual military training

Rosaire C Montcalm Farm Laborer Northwest Experiment Station leave without salary May 1 to June 30, 1963 to serve as Painter on the miscellaneous payroll

Donalene J Hieb Clerk-Typist Plant Services leave without salary May 27 to June 14, 1963 for marriage

Salvator Ritchie Senior Clerk St Paul Campus General Service and Maintenance leave with salary April 1-15, 1963 on account of injury

Raymond J Kureski Delivery Service Driver Plant Services Duluth leave without salary May 17-22, 1963

George C Johnson Building Caretaker Plant Services Duluth leave with salary May 27-31, 1963 on account of illness

Dorothy T Hart Assistant Cook Sanford Hall continuation of leave without salary April 4-22, 1963 on account of illness

Norma O Anderson Housekeeper Centennial Hall leave without salary May 1-19, 1963 on account of illness

Mildred Rucks Assistant Cook Centennial Hall leave without salary March 27 to June 15, 1963 on account of illness

Marcella Glad Food Service Worker Cafeteria Duluth leave without salary March 25-29, 1963 on account of Cafeteria closing

Phyllis S Winters Clerk-Typist University Health Service leave without salary May 22 to June 11, 1963 for marriage

Vera M Carlson Laundry Worker University Laundry leave without salary May 17 to June 15, 1963 for additional vacation

Joyce E Sirianni Clerk-Typist Anatomy Research Funds leave without salary May 7-17, 1963 for marriage

Jean H Kubon Junior Scientist Obstetrics and Gynecology Research Funds leave without salary May 9 to June 30, 1963 for personal reasons

CONTRACTS AND GRANTS

Voted to approve the following contracts and grants:

U. S. Department of Agriculture

Renewal of cooperative agreement No. ASC-858 between Agricultural Research Service and St. Anthony Falls Hydraulic Laboratory and the Department of Agricultural Engineering providing for cooperative research on the flow characteristics of water for the period July 1, 1963 through June 30, 1964, H. J. Sloan, Director, Agricultural Experiment Station, filed supplement to the minutes, page 15,506

12-05-300-54, cooperative agreement between University of Minnesota Agricultural Extension Service and Federal Extension Service, Department of Agriculture for development of an educational program for use by state agricultural extension services for the purpose of improving the effectiveness and efficiency of firms supplying farm inputs, effective May 16, 1963, Dr. Skuli Rutford, Director Agricultural Extension Service, filed supplement to the minutes, page 15,507

Renewal of cooperative agreement No. 12-14-100-2346 (41) providing for continuing research between the Departments of Soil Science and Agricultural Engineering and the Soil and Water Conservation Research Laboratory at Morris, Minnesota covering the period July 1, 1963 through June 30, 1964, Dr. W. P. Martin, Soil Science, filed supplement to the minutes, page 15,508

Renewal of cooperative agreement No. 12-14-100-2434(34) between Crops Research Division of U. S. Department of Agriculture, Agricultural Research Service and Department of Plant Pathology of University of Minnesota covering period July 1, 1963 through June 30, 1964, H. J. Sloan, Director, Agricultural Experiment Station, filed supplement to the minutes, page 15,509

Renewal of cooperative agreement No. 12-14-100-2454(42) between Agricultural Engineering Research Division of U. S. Department of Agriculture and Department of Agricultural Engineering covering period July 1, 1963 through June 30, 1964, H. J. Sloan, Director, Agricultural Experiment Station, filed supplement to the minutes, page 15,510

12-14-100-4526(71) extending the contract period six months to January 20, 1964, Dr. Fred Smith, Agricultural Biochemistry, filed supplement to the minutes, page 15,511

U. S. Atomic Energy Commission

AT(11-1)50, Supplement No. 19, extending the contract period to March 31, 1964 and providing additional funds of \$640,000, Dr. John H. Williams, Physics, application approved January 11, 1963, filed supplement to the minutes, page 15,512

AT(11-1)622, Modification No. 5, extending the term of contract through May 15, 1964, providing additional funds in the amount of \$13,803 and revising general provisions, Dr. Warren L. Reynolds, Chemistry, application approved on March 8, 1963, filed supplement to the minutes, page 15,513

AT(11-1)718, Modification No. 3, reducing contract price in the amount of \$4,899.06 to a net amount of \$26,554.94, Dr. Robert Livingston, Physical Chemistry, filed supplement to the minutes, page 15,514

AT(11-1)899, Modification No. 4, extending the contract period one year to April 30, 1964, providing additional funds in the amount of \$14,091, total becoming \$67,265 and revising general provisions, Dr. W. J. Breckenridge, Museum of Natural History, application approved on March 8, 1963, filed supplement to the minutes, page 15,515

AT(11-1)910, Modification No. 3, extending the contract period one year to April 30, 1964, providing additional funds in the amount of \$65,308, total becoming \$229,681, and revised standard conditions, Dr. D. K. Sorensen, Veterinary Medicine, application approved on March 3, 1963, filed supplement to the minutes, page 15,516

AT(11-1)913, Modification No. 3, extending the contract period one year through May 31, 1964, providing additional funds in the amount of \$27,119, and revising general provisions, application approved on April 19, 1963, Dr. Sanford Lipsky, Chemistry, filed supplement to the minutes, page 15,517

AT(11-1)1032, Modification No. 2, extending the contract period through September 30, 1963, providing additional funds in the amount of \$2,300 and revising general provisions, Dr. H. S. Isbin, Chemical Engineering, application approved on March 8, 1963, filed supplement to the minutes, page 15,518

U. S. Air Force

AF 33(657)7453, Modification No. 3, providing additional funds in the amount of \$3,000, Dr. Robert F. Lambert, Electrical Engineering and Dr. B. J. Lazan, Aeronautical Engineering, application on current docket, filed supplement to the minutes, page 15,519

AF 33(616)7877, Supplemental Agreement No. 4, providing additional funds in the amount of \$22,358, contract total becoming \$73,186 and extending contract period one year to February 19, 1964, Dr. T. S. Lundgren, Aeronautics and Engineering Mechanics, application approved on December 14, 1962, filed supplement to the minutes, page 15,520

AF 33(657)10475, Physics of Electron Emission, allotting funds in the amount of \$1,044,000, effective October 16, 1962, Dr. W. G. Shepherd, Electrical Engineering, application approved on November 10, 1963, filed supplement to the minutes, page 15,521

AF 33(657)11184, Theoretical Deployable Aerodynamic Decelerator Investigations, estimated funds in the amount of \$348,918, effective date of April 16, 1963 through April 15, 1965, Dr. H. G. Heinrich, Aeronautics and Engineering Mechanics, application approved on December 14, 1962, filed supplement to the minutes, page 15,522

AF-AFOSR-62-301, Amendment adjusting the period of time granted from approximately one year to approximately twenty-one months, expiration date approximately March 1, 1964, Dr. James Wertz, Physics, filed supplement to the minutes, page 15,523

AF-AFOSR-372-63, Problems in Hydrodynamics and Partial Differential Equations, allotting funds in the amount of \$23,842, effective on or about June 1, 1963 for a period of two years, Dr. James Serrin, Mathematics, Institute of Technology, application approved on March 8, 1963, filed supplement to the minutes, page 15,524

AF-AFOSR-380-63, Research in Stochastic Processes, allotting funds in the amount of \$39,256, effective on or about June 1, 1963 for a period of two years, Dr. Steven Orey, Mathematics, SLA, application approved on May 10, 1963, filed supplement to the minutes, page 15,525

AF-AFOSR-381-63, Analysis and Stochastic Processes, allotting funds in the amount of \$97,862, effective June 1, 1963 to May 31, 1965, Dr. Robert H. Cameron, Mathematics, SLA, application approved on December 14, 1963, filed supplement to the minutes, page 15,526

AF-AFOSR-384-63, Theory of Categories, Theory of Local Rings, Theory of Functions of Several Variables, allotting funds in the amount of \$37,137, effective June 15, 1963 to June 15, 1966, Dr. Helmut Rohrl, Mathematics, application approved on April 13, 1963, filed supplement to the minutes, page 15,527

U. S. Army

DA-36-039-AMC-00028(E), Modification No. 1, revising delivery dates for quarterly reports, Dr. Aldert van der Ziel, Electrical Engineering, filed supplement to the minutes, page 15,528

U. S. Navy

Nonr-710(16), Amendment No. 10, decreasing contract amount by the sum of \$40,600 and providing for completion of Task Order as of February 28, 1963, Dr. S. E. Warschawski, Mathematics, Institute of Technology, filed supplement to the minutes, page 15,529

Nonr-710(31), Amendment No. 3, extending contract period one year to May 31, 1964, allotting additional funds in the amount of \$16,000, incorporation of restriction on use of printing for report production, Dr. I. Richard Savage, School of Business Administration, application approved on December 14, 1962, filed supplement to the minutes, page 15,530

Nonr-710(54), Research on the Analysis of Partial Differential Equations, allotting funds in the amount of \$77,600, effective date February 1, 1963 through June 15, 1965, Dr. S. E. Warschawski, Mathematics, Institute of Technology, application approved on December 14, 1962, filed supplement to the minutes, page 15,531

Nonr-3069(00), Amendment No. 3, extending contract period one year to June 30, 1963, allotting additional funds of \$10,500, total price becoming \$35,500, Dr. William Fleeson, Psychiatry and Rehabilitation, application approved on May 10, 1963, filed supplement to the minutes, page 15,532

Nonr-3713(00), Amendment No. 1, extending contract period one year to September 15, 1963, allotting funds in the amount of \$12,000, Dr. Leonid Hurwicz, Statistics, application approved on March 8, 1963, filed supplement to the minutes, page 15,533

U. S. Department of the Interior

14-20-350-139, extending contract period one year effective July 1, 1963 through June 30, 1964, allotting funds in the amount of \$19,500, Dr. Skuli Rutford, Agricultural Extension, filed supplement to the minutes, page 15,534

U. S. National Aeronautics and Space Administration

NAS 5-3096, Amendment No. 1 to Letter Contract, extending contract ending from February 2, 1963 to June 20, 1963, Dr. W. R. Webber, Physics, filed supplement to the minutes, page 15,535

National Science Foundation

GB-894, research on Vertebrate Paleontology of Hell Creek and Tullock Formations, Montana, allotting funds in the amount of \$10,800 for period of one year, effective on or about May 15, 1963, Dr. Robert E. Sloan, Geology, filed supplement to the minutes, page 15,536

GB-932, research on Respiratory Regulation by the Carotid Body in Aves, allotting funds in the amount of \$26,000, Dr. Ralph L. Kitchell, Veterinary Anatomy and Dr. Archie L. Good, Veterinary Physiology and Pharmacology, filed supplement to the minutes, page 15,537

GP-987, research on Geophysical and Geological Investigation of the Keeweenaw Rocks of Southeastern Minnesota and Western Wisconsin, allotting funds in the amount of \$54,000, Dr. Harold M. Mooney, Geology, filed supplement to the minutes, page 15,538

GP-1178, research on Principles of Chemical Stripping Chronopotentiometry, allotting funds in the amount of \$38,700, Dr. Stanley Bruckenstein, Chemistry, filed supplement to the minutes, page 15,539

GP-1726, support of an In-Service Institute in Biology for Secondary School Teachers of Biology, allotting funds in the amount of \$4,540, Dr. Theron O. Odlaug, Biology, Duluth, filed supplement to the minutes, page 15,540

U. S. Office of Education

P. L. 87-276, renewal of grant-in-aid program for Training Teachers of the Deaf, allotting funds in the amount of \$38,274, Dr. Maynard Reynolds, Speech Education, filed supplement to the minutes, page 15,541

U. S. Peace Corps

PC-(W)-107, administrative notice removing excessive funds in the amount of \$3,153, Dr. Luther J. Pickrel, Agricultural Extension, filed supplement to the minutes, page 15,542

PC-(W)-139, administrative notice removing excessive funds in the amount of \$11,655, Dr. Luther J. Pickrel, Agricultural Extension, filed supplement to the minutes, page 15,543

PC-(W)-162, administrative notice removing excessive funds in the amount of \$15,000, Dr. Luther J. Pickrel, Agricultural Extension, filed supplement to the minutes, page 15,544

PC-(W)-171, Amendment No. 1, extending contract period to June 28, 1963 and various changes in the general provisions, Dr. John G. Darley, Psychology, filed supplement to the minutes, page 15,545

U. S. Public Health Service

AI-(3-T1)-90-04SI, supplement to Training in Medical Microbiology Research, allotting funds in the amount of \$44,064, Dr. John Spizzen, Microbiology

AI-(5-T1)-115-04, renewal of Training in Microbiology, allotting funds in the amount of \$7,866, Dr. B. S. Pomeroy, Veterinary Medicine

AI-(5-T1)-90-04, renewal of Training in Medical Microbiology Research, allotting funds in the amount of \$59,999, Dr. John Spizzen, Microbiology

AI-(5-T1)-194-02, renewal of research on Allergy and Immunology, allotting funds in the amount of \$73,774, Dr. Wesley W. Spink, Medicine

AI-04075-03, renewal of research on Mechanisms of Action of Anti-fungal Drugs, allotting funds in the amount of \$10,972, Dr. S. G. Bradley, Microbiology

AI-04812-02, renewal of research on Pathogenicity of Serotypes of E. Coli for Poultry, allotting funds in the amount of \$26,516, Dr. B. S. Pomeroy, Veterinary Medicine

AI-K6-16,296, revision of grant on research on Biological Activity of Viral Nucleic Acids, allotting funds in the amount of \$2,502, Dr. John Spizzen for Dr. Leroy C. McLaren, Microbiology

AM-(T1)-5002-09, renewal of Graduate Medical Training Grants in Diabetes, allotting funds in the amount of \$18,000, Dr. Frederick C. Goetz, Medicine

AM-(T1)-5127-02, renewal of Training for Research in Diabetes, allotting funds in the amount of \$70,776, Dr. Arnold Lazarow, Anatomy

AM-(T1)-5272-04, renewal of Training Program in Research Pediatrics, allotting funds in the amount of \$98,726, Dr. Robert A. Ulstrom, Pediatrics

AM-03964-04, renewal of research on Hyperglycoderma without Hyperglycemia, allotting funds in the amount of \$19,398, Dr. Ramon M. Fusaro, Dermatology

AM-07002-01, research on Microheterogeneity of Lactic Dehydrogenase Isozymes, allotting funds in the amount of \$37,299, Dr. Robert A. Bridges, Laboratory Medicine, filed supplement to the minutes, page 15,546

AM-07358-01, Stop-Flow Analysis in Cattle and Swine, allotting funds in the amount of \$11,400, Dr. Clarence M. Stowe, Jr., Veterinary Physiology, filed supplement to the minutes, page 15,547

AM-(1-F2)-16,481, research on Carbohydrate Metabolism in Hypoglycymosis, allotting funds in the amount of \$500, Dr. Robert A. Ulstrom for Dr. Henry S. Sauls, Pediatrics, filed supplement to the minutes, page 15,548

APD-17,730-R1, research on Mechanism of Homograft Reaction—P32 Incorporation into Nucleic Acid, allotting funds in the amount of \$500, Dr. Richard L. Varco for Dr. James C. Pierce, Surgery, filed supplement to the minutes, page 15,549

APD-19,046, research on Staphylococcal Extracellular Products—Relation to Burn Infections, allotting funds in the amount of \$250, Dr. Lewis W. Wannamaker for Dr. Bascom F. Anthony, Pediatrics, filed supplement to the minutes, page 15,550

CA-(5-T1)-5005-07, renewal of Training Program in Research on Cancer of the Alimentary Tract, allotting funds in the amount of \$109,038, Dr. Owen H. Wangensteen, Surgery

CA-(5-F2)-9854-02, research on Photophosphorylation Intermediates, allotting funds in the amount of \$250, Dr. Paul D. Boyer for Dr. Jimmy Hinkson, Biochemistry, filed supplement to the minutes, page 15,551

CA-02571-09, renewal of research on Carcinogenesis, allotting funds in the amount of \$39,770, Dr. H. R. Gutmann, Physiological Chemistry, Veterans Hospital

DE-(2-T1)-5-06, renewal of Teaching and Research Training Program in Dentistry, allotting funds in the amount of \$56,842, Dr. William H. Crawford, Dentistry

DH-(5-T2)-5020-04, renewal of Training of Dental Students in Use of Dental Assistants, allotting funds in the amount of \$32,327, Dr. James R. Jensen, School of Dentistry

FF-239-C2, renewal of Foreign Scientist Research Fellowship, allotting funds in the amount of \$2,340, Dr. Carlo Terzuolo for Rodolfo Llinas, Physiology

FF-329-C1, renewal of Foreign Research Fellowship, allotting funds in the amount of \$2,340, Dr. Jesse E. Edwards for Dr. Vladimir Kanjuh, Pathology

GM-(1T1)-1117-01, Training in Pharmacology and Toxicology, allotting funds in the amount of \$170,624, Dr. F. E. Shideman, Pharmacology, filed supplement to the minutes, page 15,552

GM-(5-K3)-2634-03, renewal of research in Autoxidation in Inhibitors: Normal and Neoplastic Mammary Tissue, allotting funds in the amount of \$13,464, Dr. James R. Dawson, Jr., for Herbert M. Hirsch, Pathology

GM-06378-05, renewal of Research on Uptake of Organic Compounds by Marine Animals, allotting funds in the amount of \$8,825, Dr. Grover C. Stephens, Zoology

GM-07345-04, renewal of research on Energy Metabolism in Birds at Various Activity Levels, allotting funds in the amount of \$14,527, Dr. Dwain W. Warner, Museum of Natural History

GM-08308-03, renewal of research on Effect of Antimetabolites on Homograft Rejection, allotting funds in the amount of \$22,028, Dr. Richard L. Varco, Surgery

GM-08394-03, renewal of studies of Rare Earth Complexes of Biological Interest, allotting funds in the amount of \$5,289, Dr. Larry C. Thompson, Chemistry, Duluth

GM-K6-14,086, renewal of research on Biological and Biochemical Effects of Porphyrins, allotting funds in the amount of \$20,376, Dr. Cecil J. Watson for Dr. Samuel Schwartz, Medicine

GPD-17,524, research Studies on Oxidative Phosphorylation, allotting funds in the amount of \$250, Dr. Paul D. Boyer for Dr. Donald Hultquist, Biochemistry, filed supplement to the minutes, page 15,553

GPD-18,311, Transplantation Biology, allotting funds in the amount of \$500, Dr. Robert A. Good for Dr. Joshua Miller, Pediatrics, filed supplement to the minutes, page 15,554

2G-43 (C8) (S1), supplementary to Biostatistical Aids—Research, allotting funds in the amount of \$12,679, Dr. Jacob Bearman, School of Public Health

HE-(5-T1)-5360-04, renewal of research on Host-Parasite Factors in Group A. Streptococcal Infections and their Role in the Pathogenesis of Rheumatic Fever (Immunology), allotting funds in the amount of \$24,902, Dr. Dennis W. Watson, Microbiology

HE-(5-T1)-5462-04, renewal of research on Immunology, allotting funds in the amount of \$54,247, Dr. Robert A. Good, Pediatrics

HE-00513-14, renewal of research on Parametric Electrocardiography, allotting funds in the amount of \$39,948, Dr. Otto H. Schmitt, Zoology and Physics

HE-02085-09, renewal of research in Rheumatic Fever, allotting funds in the amount of \$69,869, Dr. Robert Good, Pediatrics

HE-04099-05, renewal of research on Surgical Therapy of Coronary Disease, allotting funds in the amount of \$15,524, Dr. Karel B. Absolon, Surgery

HE-06927-02 (S1) supplement to research on Hemodynamics Study by a Radiographic Technique, allotting funds in the amount of \$26,866, Dr. Sadek Hilal, Radiology

HE-07101-02, renewal of research on Chemistry of Coumarins of Interest as Vasodilators, allotting funds in the amount of \$8,496, Dr. Taito O. Soine, Pharmacy

HE-07381-02, renewal of Pilot Study: Diet and Heart Disease, allotting funds in the amount of \$145,116, Dr. Ancel Keys, Physiological Hygiene

HE-07410-02, renewal of Diet and Heart Disease Feasibility Study, allotting funds in the amount of \$100,172, Dr. Ivan Frantz, Jr., Medicine

HE-08068-01, research on Hemodynamics and Biophysics of Cell Aggregates, allotting funds in the amount of \$20,045, Dr. Irwin J. Fox, Physiology, filed supplement to the minutes, page 15,555

HPD-16,976, Cardiovascular Surgical Research, allotting funds in the amount of \$500, Dr. C. Walton Lillehei for Dr. D. B. Todd, Jr., Surgery, filed supplement to the minutes, page 15,556

MH-(5-T1)-5041-17S1, supplement to Training of Psychiatric Nurses, allotting funds in the amount of \$10,335, Miss M. Isabel Harris, School of Nursing

MH-(5-T1)-5844-10, renewal of Training Program in Clinical Psychology, allotting funds in the amount of \$16,418, Dr. William Schofield, Psychiatry and Neurology

MH-(5-T1)-6163-10, renewal of Advanced Mental Hygiene Program, allotting funds in the amount of \$53,011, Miss Ruth Von Bergen, School of Public Health

MH-(5-T1)-6668-06, renewal of Training Program in Child Psychology, allotting funds in the amount of \$39,648, Dr. Harold W. Stevenson, Institute of Child Development

MH-(5-T1)-6669-06, renewal of School Psychology Training Program, allotting funds in the amount of \$51,878, Dr. Jan Duker, Psychology

MH-(5-T1)-6964-04, renewal of Training Program in Personality Research, allotting funds in the amount of \$37,506, Dr. Norman Garnezy, Psychology

MH-(5-T1)-7410-03, renewal of Research Training Social Sciences Fund, allotting funds in the amount of \$41,497, Dr. Elio D. Monachesi, Sociology

MH-(5-T1)-7468-02, renewal of Training of Teachers of Emotionally Disturbed and Socially Maladjusted Children, allotting funds in the amount of \$64,062, Dr. Bruce Balow, Educational Psychology

MH-(5-T1)-7652-03, renewal of Graduate Training in Psychiatry, allotting funds in the amount of \$58,320, Dr. Donald W. Hastings, Psychiatry

MH-(5-T2)-7905-02, renewal of Training in Psychiatric Nursing, allotting funds in the amount of \$11,734, Miss M. Isabel Harris, Nursing

MH-(3-R11)-01055-01S1, supplement to the Adolescent Girl in Conflict, allotting funds in the amount of \$1,307, Dr. Gisela Konopka, School of Social Work

MH-04306-04, renewal of Preservation of a Research Source for Follow-Up, allotting funds in the amount of \$10,908, Dr. Starke R. Hathaway, Psychiatry and Neurology

MH-06293-02, renewal of research on Nature of the Need for Cognition, allotting funds in the amount of \$16,560, Dr. Ephraim Rosen, Psychology

MH-07438-01, research on Urinary Indole Excretion in Mongoloid Patients, allotting funds in the amount of \$2,982, Dr. Frances Sochor, Pathology, filed supplement to the minutes, page 15,557

MH-07588-01, research on Effects of Prolonged Visual Distortion, allotting funds in the amount of \$23,400, Dr. Herbert L. Pick, Jr., Institute of Child Development, filed supplement to the minutes, page 15,558

MH-07801-01, research on Facilitating Effects of Incentive Stimuli, allotting funds in the amount of \$3,858, Dr. Milton A. Trapold, Psychology, filed supplement to the minutes, page 15,559

NB-5267, renewal of Ophthalmology Training Grant, allotting funds in the amount of \$53,868, Dr. John Harris, Ophthalmology

NB-02042-05, renewal of research on Encephalomyelitis, allotting funds in the amount of \$38,599, Dr. Robert A. Good, Pediatrics

NB-02566-04, renewal of research on Histochemistry of Nervous System Proliferation, allotting funds in the amount of \$13,500, Dr. Kenneth A. Osterberg, Pathology

NB-(1-F2)-19,836, research on Neuromuscular Mechanisms in Tremor, allotting funds in the amount of \$500, Dr. Ralph L. Kitchell for Dr. William T. Burke, Veterinary Medicine, filed supplement to the minutes, page 15,560

PHT-3-6A-63, grant on Accident Prevention Training, allotting funds in the amount of \$16,740, Dr. Gaylord W. Anderson, School of Public Health, filed supplement to the minutes, page 15,561

SP-46-63, grant for Training of Accident Prevention Specialists, allotting funds in the amount of \$20,810, Dr. Gaylord W. Anderson, School of Public Health, filed supplement to the minutes, page 15,562

Instruction Contracts

U. S. Air Force, AF 33 (608) 686, Supplemental Agreement No. 3, providing for use of new form currently in use against contracts, filed supplement to the minutes, page 15,563

U. S. Air Force, AF 33 (608) 808, Supplemental Agreement No. 3, removing excess funds in the amount of \$117, filed supplement to the minutes, page 15,564

U. S. Air Force, AF 33 (608) 808, Supplemental Agreement No. 2, removing excess funds in the amount of \$364, filed supplement to the minutes, page 15,565

U. S. Air Force, AF 01 (611) 1110, Change Order No. 1, changing total number of students specified from 6 to 5, decreasing contract amount from \$2,939 to \$2,457.50, filed supplement to the minutes, page 15,566

U. S. Army, DA 11-175-AV-2248, Modification No. 5, extending the contract period for one year from June 30, 1963 to June 30, 1964, filed supplement to the minutes, page 15,567

Nongovernmental Research

Abbott Laboratories, Research in Poultry Nutrition, allotting funds in the amount of \$3,000, Dr. Elton L. Johnson, Poultry Science, filed supplement to the minutes, page 15,568

American Association of Colleges of Pharmacy—Undergraduate Research Award, allotting funds in the amount of \$1,000, Dr. Phillip Portoghese, Pharmacy, filed supplement to the minutes, page 15,569

American Cancer Society, Inc., Predoctoral Research Scholarship—Mueller, allotting funds in the amount of \$16,465, Dr. Frederick E. Shide-man, Pharmacology, filed supplement to the minutes, page 15,570

American Cancer Society, Inc., research on Host Factors and Development of Malignant Diseases, allotting funds in the amount of \$46,924, Dr. Raymond D. A. Peterson, Pediatrics, filed supplement to the minutes, page 15,571

American Dry Milk Institute, Study on the Influence of Vitamins A and D Fortification on the Flavor of Milk, allotting funds in the amount of \$10,000, Dr. S. T. Coulter, Dairy Industries, filed supplement to the minutes, page 15,572

American Heart Association, Immunological Study—Protein Chemistry—South American Lungfish, allotting funds in the amount of \$1,441, Dr. Alfred Michael, Jr., Pediatrics, filed supplement to the minutes, page 15,573

American Iron and Steel Institute, renewal of research on Gamma Hematite and its Role in Magnetic Roasting, allotting funds in the amount of \$7,634, Dr. G. Bitsianes, Mines and Metallurgy

Arthritis and Rheumatism Foundation, renewal of Synovial Tissue Studies, allotting funds in the amount of \$4,000, Dr. Homer D. Venters, Pediatrics

Fred Stacy Heintz Research Fund, allotting funds in the amount of \$1,347.51, Dr. C. J. Watson, Medicine, filed supplement to the minutes, page 15,574

California Research Corporation, research on Dynamics of Fluid-Fluid Interfaces, allotting funds in the amount of \$7,500, Dr. L. E. Scriven, Chemical Engineering, filed supplement to the minutes, page 15,575

Hill Family Foundation, research on Motility Microorganisms, allotting funds in the amount of \$10,800, Dr. L. E. Scriven, Chemical Engineering, filed supplement to the minutes, page 15,576

Minnesota Turkey Growers Association, research on Bluecomb Disease of Turkeys, allotting additional funds of \$500, Dean William T. S. Thorp, Veterinary Medicine

National Turkey Federation—Minnesota Turkey Growers Association, renewal of research on Airsacculitis of Turkeys, allotting funds in the amount of \$5,000, Dean William T. S. Thorp, Veterinary Medicine

National Foundation, renewal of Genetic and Biochemical Studies of Viral Nucleic Acids, allotting funds in the amount of \$118,700, Dr. John Spizzen, Microbiology

National Funds, renewal of Medical Education grant, allotting funds in the amount of \$38,400, Dean Robert B. Howard, Medicine

A. O. Smith Harvestore Products, Inc, Forage Processing, Storage and Utilization Research, Memorandum of Agreement whereby one A. O. Smith Harvestore unit be given and installed at the University of Minnesota, Agricultural Experiment Station Soils Farm, Rosemount, Minn., Dr. Lester E. Hanson, Animal Husbandry, filed supplement to the minutes, page 15,577

Spencer Chemical Co, renewal of Nitrogen Research Fund, allotting funds in the amount of \$2,000, Dr. W. P. Martin, Soil Science, filed supplement to the minutes, page 15,578

Tozer Foundation, Minnesota Gubernatorial Recount, 1962-63, allotting funds in the amount of \$500, Dr. Charles Backstrom, Political Science, filed supplement to the minutes, page 15,579

Twin Cities Diabetes Association, Inc., research on the Secretion of Insulin by the Pancreas, allotting funds in the amount of \$500, Dr. F. C. Goetz, Medicine, filed supplement to the minutes, page 15,580

Viobin Corporation, research on Nutritive Requirements of Dairy Calves, allotting funds in the amount of \$500, Dr. Clarence L. Cole, Dairy Husbandry, filed supplement to the minutes, page 15,581

GIFTS

Voted to accept with thanks the following gifts:

Research

Donor	Committee for Economic Development
Amount	\$4,000
Fund	Economic Study of the Upper Midwest Region Fund
Donor	Paul Dudley White
Amount	\$1,000
Fund	Diet and Heart Disease Research Fund

Donor Amount Fund	Miles Laboratories Incorporated \$1,000 Psychotherapeutic Drug Fund
Donors Amount Fund	Various \$152 Cancer Research, Department of Medicine Fund
Donor Amount Fund	Miss Donna L. Pauley \$45 Cancer Research, Obstetrics and Gynecology Fund
Donors Amount Fund	Francis and Raymond Francis \$30 Horticulture Research Fund
Donor Amount Fund	Mrs. Leo E. Kalous \$5 Radiation Therapy, Cancer Research Fund

Scholarships, Fellowships, Prizes and Awards

Donor Amount Fund	Charles and Ellora Alliss Educational Foundation \$54,500 Charles and Ellora Alliss Educational Foundation Scholarship Fund
Donors Amount Fund	Mr. and Mrs. Carl E. Sager \$9,856.32 Benjamin Franklin Nelson Memorial Loan Fund
Donor Amount Fund Purpose	Commonwealth Fund \$7,500 Commonwealth Fund Fellowship, Psychiatry and Neurology Fund To establish a fund for a fellowship for Richard W. Anderson, M.D., in accordance with the statement filed supplement to the minutes, page 15,582
Donor Amount Fund	General Foods Fund, Incorporated \$7,000 General Foods Fund, Incorporated Scholarship Fund
Donors Amount Fund	Various \$4,450 Law Firm Scholarship Fund
Donor Amount Fund	Shell Companies Foundation \$3,000 Shell Companies Foundation Fellowships in Chemistry Fund
Donor Amount Fund	Northwest Feed Manufacturers Association \$2,100 Northwest Feed Manufacturers Association Scholarship Fund
Donor Amount Fund	E. I. DuPont DeNemours and Company \$2,018 DuPont Postgraduate Teaching Assistantship in Chemistry Fund
Donor Amount Fund	Chapman Foundation \$2,000 Chapman Foundation, Scholarships in Forestry Fund

Donors Amount Fund	Various \$1,805 All-University Scholarship Fund
Donor Amount Fund	Universal Oil Products Company \$1,500 Universal Oil Products Company Scholarship Fund
Donor Amount Fund	International Minerals and Chemical Corporation \$1,000 International Minerals and Chemical Corporation, Louis Ware Scholarship Fund
Donor Amount Fund	Minnesota Vocational Agriculture Instructors Association \$1,000 Minnesota Vocational Agriculture Instructors Association Fellow- ship Fund
Donor Amount Fund Purpose	Red Owl Stores, Incorporated \$1,000 Red Owl Stores Scholarship in Distributive Education Fund To establish a fund to support scholarships for students who are preparing for teaching careers in distributive education in ac- cordance with the statement filed supplement to the minutes, page 15,583
Donor Amount Fund	National Association of Home Builders \$1,000 NAHB Scholarship Fund
Donor Amount Fund	The Cooperative Foundation \$900 Ellerbe and Company Engineering Scholarships Fund
Donor Amount Fund	The Cooperative Foundation \$900 Ellerbe and Company Architectural Scholarships Fund
Donor Amount Fund	The Tuesday Club \$500 General Student Loan Fund
Donor Amount Fund	E. J. Longyear Company \$500 Edmund J. Longyear Memorial Fund
Donor Amount Fund	Nopco Chemical Company \$500 Nopco Chemical Company Scholarship in Animal Husbandry Fund
Donor Amount Fund	Sigma Theta Tau—Zeta Chapter \$500 Sigma Theta Tau—Zeta Chapter Scholarship Fund
Donor Amount Fund	General Mills Foundation \$500 Correspondence Study Tuition Assistance Fund

Donor	Agralite Cooperative
Amount	\$500
Fund	Agralite Scholarship and Grant In Aid Fund
Purpose	To establish a fund for the support of scholarships for students attending the University of Minnesota, Morris, in accordance with the statement filed supplement to the minutes, page 15,584
Donor	Pfeifer and Shultz, Incorporated
Amount	\$400
Fund	Pfeifer and Shultz, Incorporated Scholarship Fund
Donor	William Boss Foundation
Amount	\$400
Fund	William Boss Agricultural Engineering Scholarship Fund
Donors	Various
Amount	\$350
Fund	Scholarships and Awards, General, College of Agriculture, Forestry, and Home Economics Fund
Donor	F. H. Peavey Group Foundation
Amount	\$300
Fund	F. H. Peavey Undergraduate Scholarship Fund
Donor	Northern States Power Company
Amount	\$300
Fund	Northern States Power Company Home Economics Scholarship Fund
Donors	Various
Amount	\$300
Fund	Minnesota Alumni Scholarship Fund
Donor	Gould, Brown and Bickett
Amount	\$300
Fund	Gould, Brown and Bickett Scholarship Fund
Donor	Advertising Club of Minneapolis
Amount	\$300
Fund	Advertising Club of Minneapolis Scholarship Fund
Donor	Goodhue Association for Retarded Children
Amount	\$300
Fund	Special Education Scholarship Fund
Donor	United States International Student Association
Amount	\$300
Fund	University of Minnesota International Exchange Scholarship Fund
Donor	Cortland O. Robinson
Amount	\$300
Fund	Craig Hallum Robinson Memorial Scholarship Fund
Donor	The Emporium
Amount	\$275
Fund	Emporium Retail Advertising Scholarship Fund
Donor	Northwestern Industrial Editors Association
Amount	\$250
Fund	Northwestern Industrial Editors Association Scholarship Fund

Donor Amount Fund	Law Student Wives Association \$250 Law Student Wives Association Scholarship Fund
Donors Amount Fund	Various \$242.52 Duluth Campus Scholarship Fund
Donors Amount Fund	Various \$207 Naval ROTC Student Loan Fund
Donor Amount Fund	Goodhue Association for Retarded Children \$200 Goodhue County Chapter, National Association for Retarded Children Loan Fund
Donor Amount Fund	Sanford Hall \$200 Sanford Hall Scholarship Fund
Donors Amount Fund	Various \$190 National Society of Colonial Dames of America in the State of Minnesota Scholarship Fund
Donor Amount Fund	Northwest Council of Advertising Agencies \$150 Northwest Council of Advertising Agencies Scholarship Fund
Donor Amount Fund	Minnesota Chapter, American Physical Therapy Association \$150 Minnesota Chapter, American Physical Therapy Association Schol- arship Fund
Donor Amount Fund	Minnesota Library School Alumni Association \$140 Lura C. Hutchinson Scholarship Fund
Donors Amount Fund	Various \$110 William A. O'Brien Scholarship in Medical Technology Fund
Donor Amount Fund	Hammerston & Bye \$100 Eleventh District Bar Association Scholarship Fund
Donor Amount Fund	Twin City Chapter, American Institute of Industrial Engineers, Inc. \$100 Twin City Chapter, American Institute of Industrial Engineers, Inc. Scholarship Fund
Donor Amount Fund	Redwood County Education Association \$50 General Scholarship Fund, University of Minnesota, Morris
Donor Amount Fund	Women's Auxiliary to the American Veterinary Medical Associa- tion \$50 Women's Auxiliary to the American Veterinary Medical Associa- tion Award Fund

Donor	St. Paul Campus Faculty Women's Club
Amount	\$50
Fund	St. Paul Campus Faculty Women's Club Loan Fund
Donor	Sigma Epsilon Sigma
Amount	\$50
Fund	Sigma Epsilon Sigma Scholarship Fund
Donor	University of Minnesota Householders Association
Amount	\$50
Fund	University of Minnesota Householders Student Loan Fund
Donor	Theta Sigma Phi
Amount	\$50
Fund	Theta Sigma Phi Scholarship Fund
Donor	Women's Auxiliary to the Minnesota Veterinary Medical Association
Amount	\$25
Fund	Women's Auxiliary to the Minnesota Veterinary Medical Association Award Fund
Donor	Minnesota Veterinary Medical Association
Amount	\$25
Fund	Minnesota Veterinary Medical Association Award Fund
Donor	Alpha Chi Sigma
Amount	\$10
Fund	Alpha Chi Sigma, Twin City Alumni Association, Prize in Chemistry Fund
Donor	Farmers Union Hybrid Corn
Amount	\$7
Fund	Agriculture Barter for College Loan Fund, University of Minnesota, Morris (\$5.60)
	Agriculture Barter for College Scholarship Fund, University of Minnesota, Morris (\$1.40)

Miscellaneous

Donor	National Science Foundation
Amount	\$600,200
Fund	Addition to the Physics Facilities Fund
Purpose	To support additions to the physics facilities, in accordance with the statement filed supplement to the minutes, page 15,585
Donor	National Science Foundation
Amount	\$21,120
Fund	Undergraduate Scientific Equipment, Electrical Engineering Fund
Purpose	To support the purchase of undergraduate instructional scientific equipment for the Department of Electrical Engineering, in accordance with the statement filed supplement to the minutes, page 15,586
Donor	National Science Foundation
Amount	\$19,520
Fund	Undergraduate Instructional Scientific Equipment, Aeronautics and Engineering Mechanics Fund
Purpose	To support the purchase of undergraduate instructional scientific equipment for the Department of Aeronautics and Engineering Mechanics, in accordance with the statement filed supplement to the minutes, page 15,587

Donor	Minneapolis Area Study School Council
Amount	\$9,000
Fund	Minneapolis Area Study School Council Fund
Purpose	To support the activity of the Minneapolis Area Study School Council, in accordance with the statement filed supplement to the minutes, page 15,588
Donor	Newspaper Fund, Incorporated
Amount	\$5,000
Fund	Newspaper Fund Seminar
Donor	National Science Foundation
Amount	\$3,124
Fund	National Science Foundation Science Faculty Fellowship, Cost of Education Allowance Fund
Purpose	To support the National Science faculty fellows program, in accordance with the statement filed supplement to the minutes, page 15,589
Donors	Various
Amount	\$3,091.84
Fund	Variety Club Heart Hospital Equipment Fund
Donors	Various
Amount	\$1,650
Fund	4-H Revolving Fund
Donor	Minneapolis Foundation
Amount	\$1,000
Fund	Warren Lecture Fund of the School of Mines and Metallurgy
Donor	Mr. George W. Taylor
Amount	\$1,000
Fund	Award for Distinguished Teaching in the Institute of Technology Fund
Donor	Henry B. Clark, Jr.
Amount	\$665
Fund	Oral Surgery Service Fund
Donors	Various
Amount	\$452.50
Fund	Masonic Memorial Hospital Equipment Fund
Donor	Welfare Federation of Cleveland
Amount	\$400
Fund	International Program for Youth Leaders and Social Workers Fund
Purpose	To support the International Program for Youth Leaders and Social Workers, in accordance with the statement filed supplement to the minutes, page 15,590
Donor	Rosemount Engineering Company
Amount	\$350
Fund	Henry E. Hartig Service Fund
Donor	Dr. Wallace Ritchie
Amount	\$313.35
Fund	Medical Library Addition Fund

Donor	Mr. Roy Larsen
Amount	\$250
Fund	Psychiatric Research Laboratory Fund
Donor	Atkinson Foundation, Incorporated
Amount	\$250
Fund	John Rood Collection Fund
Donors	Various
Amount	\$110
Fund	McQuarrie Pediatric Fund
Donor	Norden Laboratory Incorporated
Amount	\$100
Fund	Norden Distinguished Teacher Award Fund
Purpose	To support a distinguished teacher award in the College of Veterinary Medicine, in accordance with the statement filed supplement to the minutes, page 15,591
Donor	The Pittsburgh Pacific Company
Amount	\$10,782.89
Gift	The Pittsburgh Pacific Company of Hibbing, Minnesota has donated several items of laboratory equipment for the Mines Experiment Station
Donor	Mrs. Wilbur B. Joyce
Gift	Mrs. Wilbur B. Joyce has presented to the Duluth Campus Library 89 books, all excellent titles and in handsome editions

NONCAMPUS SERVICE

Voted to approve the following requests for noncampus service.

College of Medical Sciences

John O. Buxell, Associate Professor, School of Public Health, College of Medical Sciences, to serve as a principal investigator in a U. S. Public Health Service study of housing survey techniques and their relation to neighborhood rehabilitation programs for 4 periods of one week each year during 1964-66 in the Department of Public Safety, City of St. Louis, Missouri

Ramon M. Fusaro, M.D., Instructor, Division of Dermatology, Department of Medicine, College of Medical Sciences, to serve as a consultant to the Colgate Palmolive Company, New Brunswick, New Jersey, from May 1, 1963 to indefinite

Walter J. Runge, M.D., Research Associate, Department of Medicine, College of Medical Sciences, to serve as a consultant to the Colgate Palmolive Company, New Brunswick, New Jersey, from May 1, 1963 to indefinite

Lloyd K. Sines, Assistant Professor, Department of Psychiatry and Neurology, College of Medical Sciences, to teach one section of Introductory Psychology at St. Thomas College, St. Paul, Minnesota, from September, 1963, to June, 1964

General College

David A. Stoppel, Instructor, Division of Natural Science and Mathematics, General College, to prepare and present 48 thirty-minute televised classes through KTCA-TV, St. Paul, Minnesota, plus a total of 24 one-hour

follow-up classes at each of three participating schools of nursing (Abbott, Northwestern, and St. Barnabas), Minneapolis hospitals, from September 9, 1963, to March 6, 1964

Institute of Agriculture

Kenneth E. Egertson, Instructor, Agricultural Extension Service, Institute of Agriculture, to serve as a consultant to the Thompson Land Company, Inc., Windom, Minnesota, from June 1, 1963 to indefinite

Philip W. Manson, Professor, Department of Agricultural Engineering, Institute of Agriculture, to act as a consultant and a witness to show the effect of high-pressure steam curing upon the durability of cement products when exposed to sulfates, for Johns-Manville, Manville, New Jersey, and Davis, Polk, Wardwell, Sunderland, and Kiendl, New York, New York, from June 1, 1963 to December 31, 1964

Institute of Technology

Ernest Bruce Lee, Associate Professor, Department of Electrical Engineering, Institute of Technology, to serve as a consultant to the Minneapolis-Honeywell Regulator Company, Minneapolis, Minnesota, from May 4, 1963, to October 4, 1963

Mahmoud Riaz, Associate Professor, Department of Electrical Engineering, Institute of Technology, to serve as a consultant to the Minneapolis-Honeywell Regulator Company, Minneapolis, Minnesota, from April 23, 1963, to December 31, 1963

John R. Winckler, Professor, School of Physics, Institute of Technology, to serve as a consultant to the Minneapolis-Honeywell Aeronautical Division, Minneapolis, Minnesota, from July 1, 1963 to July 1, 1964

APPOINTMENTS

At the meeting of December 14, 1962, the Regents approved the appointment of Dr. E. W. Ziebarth as Dean of the General Extension Division, effective July 1, 1963, with the understanding that he would also continue as Dean of the Summer Session. At the meeting of January 11, 1963, the Board accepted the resignation of Dean E. W. McDiarmid of the College of Science, Literature, and the Arts, effective when a replacement could be secured. Voted on the recommendation of the President to approve the appointment of Dr. E. W. Ziebarth as Dean of the College of Liberal Arts, effective July 1, 1963.

Voted on the recommendation of the President to approve the appointment of Dr. Willard L. Thompson as Dean of the General Extension Division and Dean of the Summer Session, effective July 1, 1963.

Voted on the recommendation of the President to approve the appointment of Professor Luther J. Pickrel as Assistant to the President, effective July 1, 1963.

Voted on the recommendation of the President to approve the appointment of Anne L. Wirt as Assistant Professor, Peace Corps, for the period July 1, 1963, to October 31, 1963.

AWARDING OF DEGREE POSTHUMOUSLY

Voted, at the request of the Director of the Department of Mortuary Science and on the recommendation of the Vice President, Academic Administration, and the President to award the degree of Associate in Mortuary Science, posthumously to Frederick Clarence Olson III. Correspondence filed supplement to the minutes, page 15,592.

PROPOSED BUDGET PLAN 1963-64

The President discussed the proposed budget plan 1963-64, General Operations and Maintenance Fund.

Voted on the recommendation of the Vice President, Business Administration and the President to approve the Proposed Budget Plan, 1963-64. Detail filed supplement to the minutes, page 15,593.

FEES

Voted on the recommendation of the Vice President, Business Administration, and the President to approve increases in tuition fees, effective fall quarter 1963, in accordance with the following schedule:

School or College	Present Quarter Fee		Proposed Quarter Fee	
	Resident	Non-resident	Resident	Non-resident
Agriculture, Forestry, Home Economics; Dental Hygiene; Duluth; Education; General College; Liberal Arts; Morris	\$ 80	\$220	\$ 85	\$240
Business Administration; Medical Technology; Pharmacy; Physical and Occupational Therapy; Public Health (except Hospital Administration)	86	225	91	245
Dentistry and Graduate Work	145	300	155	330
Medicine, and Graduate Work; Hospital Administration	150	310	155	330
Graduate School, more than 6 credits	86	225	91	245
6 credits or less, or thesis only	43	112.50	45.50	122.50
Ph.D. candidates, 6 credits or less or to meet continuous registration requirement	20	20	20	20
Law School and Graduate Work; Mortuary Science	100	225	105	245
Nursing, Plan A (Ending June 1965)	80	145	85	165
Other programs	80	220	85	240
Technology, Institute of				
Lower Division	80	220	85	240
Upper Division	86	225	91	245
Veterinary Medicine and Graduate Work	125	290	140	310

Regents Hess and Johnson voted no.

SALARY SCALES, GENERAL EXTENSION DIVISION

On the recommendation of the Vice President, Business Administration, and the President, voted to approve the following salary scale for teaching salaries in Evening and Special Classes of the General Extension Division, effective September 9, 1963:

	Present Rates		Proposed Rates		
Class A (Teaching Assistants and Instructors)	Step 1	\$315	Class TA (Teaching Assistants)	1 Step only	\$360
	Step 2	335			
	Step 3	355			
	Step 4	380			
Class B (Assistant Professor)	Step 1	370	Class A (Instructors)	Step 1	\$390
	Step 2	395		Step 2	423
	Step 3	420		Step 3	459
	Step 4	450		Step 4	495
Class C (Associate Professor)	Step 1	435	Class B (Assistant Professor)	Step 1	480
	Step 2	465		Step 2	513
	Step 3	495		Step 3	549
	Step 4	535		Step 4	585
Class D (Professors)	Step 1	525	Class C (Associate Professors)	Step 1	570
	Step 2	575		Step 2	603
	Step 3	625		Step 3	639
				Step 4	675
		Class D (Professor)	1 Step only	\$675	

CIVIL SERVICE COMMITTEE

On the recommendation of the Vice President, Business Administration, and the President, voted to approve the appointment of Professor Allan H. McCoid of the Law School to the Civil Service Committee for a three year term ending June 30, 1966. Mr. McCoid served as an alternate member of the Committee during the year 1962-63.

EXTENSION OF SERVICE FOR 15 STAFF MEMBERS

The Vice President, Business Administration, explained that the 1963 Legislature changed the State Employees Retirement Association (SERA) law relating to the formula determining the retirement benefit from the first twenty years of allowable service credit. He further explained that the change is effective July 1, 1963, and is greatly to the advantage of any SERA member retiring July 1, 1963 or later.

On the recommendation of the Vice President, Business Administration, and the President, voted to approve the continuation of University service to July 31, 1963 for any June 30, 1963 compulsory retiree who would benefit under the above new SERA retirement formula.

CONTRACT WITH MINNESOTA ORCHESTRAL ASSOCIATION

Voted on the recommendation of the Academic Vice President, the Business Vice President, and the President to approve the contract between the Regents and the Minnesota Orchestral Association, covering appearances of the Minneapolis Symphony Orchestra in Northrop Memorial Auditorium under University sponsorship for 1963-64. It was called to the attention of the Board that no changes in terms were being made from the 1962-63 contract. Contract filed supplement to the minutes, page 15,594.

RESOLUTION—ARCHIVAL MATERIALS OF THE GUTHRIE THEATRE

The Vice President, Academic Administration, reported on an offer to make the University of Minnesota Library the official depository for the archives of the Tyrone Guthrie Theatre.

Voted on the recommendation of the Vice President, Academic Administration, and the President to approve the following resolution:

The Regents of the University of Minnesota are mindful of the significance of the Tyrone Guthrie Theatre in the cultural life of Minnesota and the region of which it is a part, and they are especially gratified by the many productive relationships that already are developing between the Theatre and the University. For the Theatre they envision a future of notable impact which will, in truth, mark it as a milestone in the history of the theater in this area and in the nation as well. Because of this, it is important that the documents that constitute the record of the Guthrie Theatre, in its conception and its development, should be preserved so that future scholars may have them at hand as they write the chapter of a memorable undertaking in the history of the American theater.

The Regents, therefore, are profoundly grateful that the Minnesota Theatre Company Foundation has designated the University of Minnesota Library as the official depository of the Tyrone Guthrie archives. They express their appreciation to Sir Tyrone and to all of his associates who have, with a fine sense of archival responsibility, thus given assurance to the future that invaluable and precious records will be preserved.

LOANING OF EQUIPMENT

On the recommendation of the Vice President, Business Administration, and the President, voted to approve the loan of the following two pieces of equipment by the Cleveland-Cliffs Iron Company, Ishpeming, Michigan, to the Mines Experiment Station for an indefinite period of time.

- (a) A high voltage electrostatic generator, Sames' Model AB 80.02, purchase price \$1200.00
- (b) A Hardinge heavy media separator complete with screen and pumps, purchase price about \$1500.00

STUDENT TEACHING AGREEMENTS

At the request of the Dean, University of Minnesota, Morris, and on the recommendation of the Vice President, Business Administration, and the President, voted to approve agreements covering student teaching at the following schools, filed supplement to the minutes, pages 15,595 through 15,606 inclusive.

Morris Public Schools, Morris, Minnesota
Independent District No. 371, Lac qui Parle County, Minnesota
Independent School District No. 346, Kandiyohi County, Minnesota
Independent School District No. 347, Kandiyohi County, Minnesota
Graceville Public School, District No. 60, Big Stone County, Minnesota
Independent School District No. 264, Grant County, Minnesota
Independent School District No. 373, Lac qui Parle County, Minnesota
Joint Independent Consolidated School District No. 208, Douglas County, Minnesota
Independent School District No. 784, Swift County, Minnesota
Independent School District No. 736, Belgrade, Minnesota
Independent Consolidated School District No. 207, Brandon, Minnesota
Independent School District No. 783, Kerkhoven, Minnesota

STUDENT TEACHING AGREEMENT

At the request of the Dean of the College of Education and on the recommendation of the Vice President, Business Administration, and the President, voted to approve an agreement covering student teaching at the Minnesota School for the Deaf, Faribault, Minnesota, filed supplement to the minutes, page 15,607.

RECEIPT OF ORIGINAL PATENT GRANT

The Vice President, Business Administration, reported for the information of the Board the receipt of the following original patent grant, filed supplement to the minutes, page 15,608:

French Grant
Application of: Fred Smith and Edmund F. Graham
Patent No.: 1,296,127
Title: PRESERVATION OF ANIMAL MATERIAL

RECEIPT OF PATENT ASSIGNMENTS

The Vice President, Business Administration reported for the information of the Board the receipt of assignments conveying title to the following Patent Applications, filed supplement to the minutes, pages 15,609 and 15,610:

Application of: Fred F. Forbes
Filing Date: April 5, 1963
Title: LINE VOLTAGE COMPENSATING TIMER

Application of: Donald E. Anderson
Filing Date: March 15, 1963
Title: THIN FILM SUPERCONDUCTING SOLENOIDS

REGENTS-INVENTOR AGREEMENTS

On the recommendation of the Vice President, Business Administration and the President, voted to approve an agreement with staff inventors relating to the following invention, filed supplement to the minutes, pages 15,611 and 15,612:

Application of: Fred F. Forbes

Serial No.: 272143

Filing Date: April 10, 1963

Title: LINE VOLTAGE COMPENSATING TIMER

Application of: Adrian C. Dorenfeld, Strathmore R. B. Cooke and Theodore Balberszski

Serial No.: 286459

Filing Date: June 10, 1963

Title: ORE TREATING PROCESS

TENURE CODE EXCEPTIONS

Voted on the recommendation of the Vice President, Academic Administration, and the President to continue the services of the following faculty members, as provided by the University tenure regulations, and for the dates indicated, with the understanding that no additional tenure rights will thereby be acquired:

James Stoehl, Instructor, Department of Elementary Education, College of Education, for the period July 1 to December 31, 1963

Earl Ringo, Assistant to the Director of the Bureau of Institutional Research, for the period July 1 to September 15, 1963

Raymond D. McClure, Instructor, Department of English, for the period July 1, 1963 to June 15, 1964

James A. Wright, Assistant Professor, Department of English, for the period July 1, 1963 to June 15, 1964

CIVIL SERVICE CHANGES

At the request of the Civil Service Committee and on the recommendation of the Vice President, Business Administration, and the President, voted to approve the following Civil Service changes:

Establishment of Classes

1132 Account Clerk, at pay range 12, \$292-356, (12, \$304-370 on 7-1-63), with the regular vacation allowance and a six-month probationary period, effective June 1, 1963

1426 Senior Key Punch Operator, at pay range 11, \$281-342, with the regular vacation allowance and a six-month probationary period, effective May 1, 1963

- 1444 Data Processing Operations Supervisor, at pay range 30, \$592-722, with the regular vacation allowance and a one-year probationary period, effective April 16, 1963
- 1456 Computer Programming Supervisor, at pay range 30, \$592-722, with the regular vacation allowance and a one-year probationary period, effective April 16, 1963
- 3102 Fiscal Services Manager, University Hospitals, at pay range 35, \$722-878 (38, \$844-1028 on 7-1-63), with the extra one-half day of vacation allowance per month in lieu of overtime pay and a one-year probationary period, effective February 1, 1963
- 3109 Assistant to the Director, University Hospitals, at pay range 33, \$667-812 (33, \$694-844 on 7-1-63), with the extra one-half day of vacation allowance per month in lieu of overtime pay and a one-year probationary period, effective February 1, 1963
- 5484 Hospitals Maintenance and Operations Mechanic, at pay range 18, \$370-450 (20, \$416-506 on 7-1-63), with regular vacation allowance and a six-month probationary period, effective January 1, 1963
- 6517 Parking Facilities Repairman, at pay range 16, \$342-416 (18, \$385-468 on 7-1-63), with the regular vacation allowance and a six-month probationary period, effective March 1, 1963
- 6747 Assistant Executive Housekeeper, at pay range 23, \$450-547 (23, \$468-569 on 7-1-63), with the regular vacation allowance and a one-year probationary period, effective February 1, 1963
- 8827 Athletic Ticket Manager, at pay range 31, \$616-751 (31, \$641-781 on 7-1-63), with the extra one-half day of vacation allowance per month in lieu of overtime pay and a one-year probationary period, effective May 16, 1963
- 8830 Athletics Finance and Facilities Co-ordinator, at pay range 38, \$844-1028, with the extra one-half day of vacation allowance per month in lieu of overtime pay and a one-year probationary period, effective July 1, 1963

Change in Class Title

- 1526 Training Officer, to Training Coordinator with no change in pay range, vacation allowance or probationary period, effective July 1, 1963

Elimination of Classes

- 1192 Acting Director of the Greater University Fund
- 1195 Assistant to the Director, Greater University Fund
- 1528 Co-ordinator of Training
- 3108 Hospital Administrative Assistant
- 4316 Manager of Photographic Laboratories
- 5158 Assistant Superintendent, Rosemount Research Center
- 5318 Patternmaker
- 5370 Wind Tunnel Mechanic
- 5498 Plant Supervisor, Rosemount Research Center
- 6916 Police Dispatcher
- 8737 Assistant to the Director of the Student Union
- 8826 Business Manager of Athletics

REVISION OF CIVIL SERVICE RULES

At the request of the Civil Service Committee and on the recommendation of the Vice President, Business Administration, and the President, voted to approve the following revision of the Civil Service Rules:

RULE 7. EMPLOYMENT STATUS

- 7.16 Student appointments shall be made to all positions when filled by students who are in regular attendance in daytime classes at the University or are planning to attend or to return to school after an absence of no more than one quarter, exclusive of summer terms. Student employees shall not acquire tenure nor be subject to the usual provision of a probationary period, inasmuch as their continuation in the service is dependent not only on their work performance but also on their being registered in school.

CIVIL SERVICE SALARY PLAN

Voted on the recommendation of the Vice President, Business Administration and the President to approve the Civil Service Salary Plan and the Civil Service Salary Schedule, effective July 1, 1963, filed supplement to the minutes, page 15,613.

APPLICATIONS FOR CONTRACTS AND GRANTS

Voted to approve applications for contracts and grants totaling \$5,343,281.66; list filed supplement to the minutes, page 15,614.

RETENTION OF DEAN MACY

Voted at the request of the Dean-elect, Institute of Agriculture, and on the recommendation of the President, to approve the retention of service of Dean Harold Macy for one month beyond his normal retirement date of June 30, 1963.

LETTERS OF APPRECIATION

The President reported for the information of the Board the receipt of acknowledgments from colleges and universities in Minnesota expressing appreciation for the Regents' action of May 10, 1963, granting full time faculty members of such institutions the privilege of enrolling in the University at resident tuition rates.

ESTATE OF LINA Z. BERGELAND

At the meeting of May 10, 1963, the Board authorized the offer of sale by sealed bids of real estate received from the Estate of Lina Z. Bergeland. Voted, on the recommendation of the Vice President, Business Administration, and the President, to accept

the bid of John Campion in the amount of \$7,250.00 for the property located at 5233 34th Avenue South, Minneapolis, and to authorize the appropriate administrative officers to execute the required documents to complete the sale.

Appraisals filed supplement to the minutes, page 15,615.

PRIVATE PRACTICE

At its meeting of May 12, 1960, the Regents adopted a "Plan for the Regularization of Private Practice by Members of the Medical School Faculty" which included an interim plan for the regulation of private practice activity effective until June 30, 1962. Subsequently the interim plan was extended until a permanent plan could be recommended. The original action also included provision for a committee of the faculty to recommend a permanent plan.

The Regents, having carefully considered the Report of the Committee on Private Consultation Practice of the College of Medical Sciences, on the recommendation of the President, voted to adopt the following statement of policy and implementing resolution. Report of the Committee on Private Consultation Practice dated May 9, 1963, filed supplement to the minutes, page 15,616.*

Statement of Policy

The purposes of the University of Minnesota Medical School and its Hospitals are to teach medical students and physicians through courses in the basic sciences and from the example set by high-quality care of the sick, to conduct investigations into unknown areas of sickness and health, and to serve the citizens of Minnesota by providing, upon referral by physicians, the highest quality of medical care. The admission and treatment of private patients in the University Hospitals, under proper conditions, can contribute to these purposes.

In the establishment of the University Hospitals it was the initial intent of both legislature and the University that the Medical School faculty should not engage in any private practice and that the patient population should be wholly indigent. With the opening of the George Chase Christian Cancer Unit, this policy was changed to permit private consultations and fees only to an extent which would not interfere with teaching and research.

As more and more of the state's population has come under the protection of some sort of health insurance, the percentage of indigent patients referred to the University Hospitals has decreased. In order to maintain a hospital population adequate to the teaching and research needs described above, properly referred private patients have been accepted. In the last decade this private-patient population has assumed significant proportions as a vital part of the operation of the Medical School. It is important therefore to insure that these patients are incorporated fully into the Medical School program.

* Language subsequently modified, see September 20, 1963

It is clear that acceptance of private patients, on referral, can further the academic goals of the Medical School in the following ways:

- A. provide teaching opportunities of a kind less frequently encountered in the remaining hospital population;
- B. provide research opportunities for the faculty member interested in studying a particular condition;
- C. enhance the quality of teaching of the full-time clinical faculty member by a continuing contact with private patients.

Such referral consultation practice can then help to create an academic environment attractive to clinical scholars who wish to devote their careers to teaching, research, and service. It must, however, be integrated carefully with teaching and research, in order to promote scholarly activity and the development of the highest standards of ethics in the minds of students. The Regents' policies are designed to promote full participation of all patients (private, per diem, and county) in the teaching and research programs, provided only that such participation is compatible with exemplary medical care.

The Regents reaffirm the principle that patients, both private and indigent, may be admitted at the University of Minnesota Medical Center upon referral by a physician in accordance with the definitions of the Board of Regents and with the regulations of the University of Minnesota Hospitals. (The relevant section of the hospital regulation reads as follows:

"Patients admitted to the hospital must be referred by their family physician or a physician in the local community. Obstetrical patients without a referring physician and emergency patients are an exception to this rule." Rules covering the referral of psychiatric patients by courts and other legal and judicial agencies are covered in the Minnesota Statute, 1923, Section 4596, establishing the Psychopathic Hospital.)

The Regents affirm the policy that patients of all categories are to be incorporated fully into the teaching and research programs unless, in the opinion of the responsible physician, such incorporation would jeopardize the welfare of the patient. The Dean of the College of Medical Sciences is required to make an annual report to the Regents on the extent to which private patients have been incorporated into the teaching programs of the various departments and divisions.

In the belief that faculty members have a primary dedication to the academic purposes of the Medical Center and that private practice is complementary to these purposes, the Regents urge that every effort be made to encourage the academic careers of promising young staff members by permitting and encouraging reasonable participation in the study and care of private patients. Such participation, done in proper measure, should contribute to the development of the staff member's maturity and independent stature, and to the stimulation of his research program. The distribution of private patients, as of indigent patients, among the faculty members of any division or department should be such as best to serve the needs of the patients and to promote the teaching and research program of that division or department. Due recognition must of course be given both to the doctor-patient relationship and to the relationship of the referring physician and the individual faculty member.

The Medical Center has as one purpose to serve the citizens of Minnesota and the medical profession in this community. In order to keep faith with the medical profession in our community, it is essential that patients be admitted strictly on a referral basis, as specified in the Rules and Regulations of the University Hospitals. It is essential that appropriate, complete,

and prompt reports by supplied to the referring physician. Every effort should be made to acquaint the medical profession with plans and procedures of the University Hospitals regarding the care of patients both private and indigent, so that the medical profession in our community may have a confident understanding that the medical faculty is engaged in helpful service to them.

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.

The total income of the full-time staff member, from all of his University work, ought to be determined ultimately on the basis of an assessment of the relative value of his contributions to teaching and research and service, including, of course, all forms of teaching, formal and tutorial, and basic as well as purely clinical research. The remunerations and privileges of a faculty member should be such as to attract and retain a superior faculty.

The Regents and President, as responsible officers of a publicly supported institution, require that full information be available regarding the total compensation to individual staff members for their University activities.

Private consultation practice within a Medical School setting should further the purposes of the Medical School. Funds generated by such practice should be used to bolster the attractiveness of the academic career and thus to facilitate the building of a faculty best qualified to further the teaching, research, and service goals of the Medical School. In particular, such funds should be used to assure that the income available to a clinical faculty member, combined with the opportunities for research and the intangible attractions of a stimulating University environment, will be sufficient to attract and retain the ablest clinical scholars who desire to devote their careers to academic medicine. A portion of such funds might be used to improve the salaries of younger members of the staff, to provide needed special resources for house officers, and to provide appropriate funds for assistance in the handling of problems relating to private patients.

A medical school faculty is a company of scholars cooperating in medical teaching and research, and in the care of patients which is essential to these objectives. In such a community, the contributions of the basic-science faculty is of comparable significance to that of the clinical staff members. The latter are privileged to have continuing contact with basic sciences, in addition to all of their own activities, whether purely clinical, teaching, or research. Without this contact the outlook of the clinical teacher would be narrowed and his contribution would tend to diminish. But despite this very real contribution of the basic-science departments, any plan which would *mandate* the use of funds generated by private-practice activity in support of these departments may well create serious problems. It would appear that the most desirable use of such funds is first to strengthen the salary structure of the faculty in the clinical departments, with some portion then going to support other academic activities; this latter use should be guided by the faculty members providing the clinical service and might well be in part in support of basic-science activities.

In view of the wide variety of opportunities and practices among clinical departments, among specialties within departments, and among individual faculty members within specialties the appropriate use of private-patient fees in terms of a "scale" or "formula" would lead to inequities, and would thus undermine the sense of mutual purpose and confidence among the medical faculty which must always remain the primary strength

of a medical school. The Regents' policy on adoption and implementation will provide to the administration appropriate information regarding the private-patient professional activities of the medical faculty, and should insure a general understanding among the medical faculty concerning the ways in which private-patient funds are to be used. The essential objective is to secure that private-patient practice shall be part of an overall program which will attract and retain superior faculty members; to this end private-patient funds should be used in an appropriately flexible manner, in the spirit of a gentlemen's agreement based on mutual trust.

Clinical services provided in the Medical Center are not only for patients' benefit, but are also an integral part of the educational program of the College of Medical Sciences. To charge the physician providing care or service to a private patient a facilities fee is inconsistent with this principle; such a facilities fee would suggest that private-patient service is incorporated in the Medical Center activities for the benefit of the individual physicians, rather than for the benefit of the patients and of the educational program. For this reason no University facilities charge is made against any faculty member serving private patients in the Medical Center.

The income augmentation which a given medical faculty member may derive from private-practice activity is not a fixed amount. It may, however, be predicted in a general manner for any given year, and each member of the clinical faculty needs some understanding of the income he may reasonably hope to derive from such sources. This amount may vary from one specialty to another, and from one individual faculty member to another within a given specialty. It will also depend upon the general departmental program and the faculty member's allocated responsibilities resulting from the departmental program. Each faculty member will discuss with his department or division head his own program of research and teaching and the existing requirements for private practice. From such conversations he should arrive at an understanding of his departmental responsibilities, and may thus determine the income augmentation he should reasonably hope to derive from private-practice activity. For general understanding, it is well for an outer limit to be agreed upon; and one might expect that the University support salary might be used as a basis, with agreement that the income augmentation, at an outer limit, should not exceed this support salary. It is, however, a fact of life arising from University budget problems, that the support salaries are not necessarily the equitable ones that the University would like to provide, as shown by comparison with salaries of men of comparable stature working in comparable academic fields at the University of Minnesota. The outer limit, therefore, is based on the University support salary, actual or, in the above sense, equitable, with a maximum income augmentation limit such that the total income for University activity, i.e., salary plus augmentation should not exceed twice this salary.

In order that these agreements may be recorded, so that appropriate information regarding the operation of the Medical School may be available when needed, the Regents require each member of the medical faculty to file with his department and division head, with a copy to the dean, on or before April 15, of each year, a statement of the income augmentation limit he anticipates for the current calendar year, with an outer limit in the spirit of this policy, as well as a statement of his total professional income in connection with University activity for the preceding calendar year or portion thereof during which he served as a full time faculty member of the University of Minnesota. A faculty member may subsequently, for cause, file a revised statement of expected income augmentation limit. Groups of faculty members may jointly file their respective statements of income augmentation limits, actual professional incomes, and group agreements; however, no faculty member is required to join such a group arrangement. In the event of the death, resignation, or retirement of a

department or division head who is a participant in such a group, his successor is under no obligation to continue the group arrangement.

It shall be the policy of the Regents that funds generated by the faculty member's private practice activity that exceed the augmentation limit shall be paid into special University accounts designated by the faculty member but established in accordance with regular University procedures. These shall include accounts set up in support of divisional, departmental or college-wide activities or special academic programs in the clinical fields. Expenditures from divisional or departmental funds will be administered with the advice of an appropriate divisional or departmental committee, elected by the members of the department or division. Expenditures from accounts established for the support of college-wide activities will be administered by the dean with the advice of the Faculty Consultative Committee. In no event shall funds generated by the faculty members, private practice activity and remitted under this paragraph be expended for his personal benefit.

Implementing Resolution

The Regents, having approved a statement of policy covering the Private Consultation Practice in the College of Medical Sciences, direct the appropriate administrative officers to implement the policy in accordance with the following:

1. Draft an appropriate form to be executed by each full time member of the Medical School faculty who will be participating in private practice activities. Such faculty members presently on the staff will execute the above document on initiation of the plan and new faculty members at the time of first appointment. It is understood that continuing participation in private practice activity will be conditional on satisfactory compliance with the policies and instructions contained herein.

2. Attention is called to the fact that each faculty member must file by April 15th of each year with the dean and the department head the statement of income augmentation. However, because of the fact that the initial implementation does not coincide with these dates, the Dean of the College of Medical Sciences is authorized to establish a date for the filing of the income augmentation statement for the first year.

3. Any question concerning the acceptability of a proposed income augmentation limit which cannot be resolved by the faculty member, the department head, and the dean, will be referred for an advisory opinion to the standing Committee on Private Practice Activity established in accordance with paragraph 4 following. Should the matter remain unresolved, the dean will forward the advisory recommendation of the standing Committee on Private Practice Activity together with his own recommendation to the President for administrative resolution.

4. It is understood that a Committee on Private Practice Activity will be formed each year in the following way:

A senior member of the faculty of a clinical department shall be appointed as chairman by the dean. Four additional members of the faculty of clinical departments shall be appointed by the Faculty Consultative Committee of the College of Medical Sciences. The Committee on Private Practice Activity will advise the dean, on a continuing basis, with regard to better integration of the private patient in the educational program, improved understanding between the University Medical Center and physicians in the Minnesota community, and any other matters which may arise in connection with Medical Center activities involving private patients.

FACULTY RETIREMENT PLAN

The Director of Insurance and Retirement reviewed a plan to change the financing of the faculty retirement program to improve the administration of the program and increase the total retirement allowances for most faculty members.

Voted on the recommendation of the Vice President, Business Administration, and the President to approve new principles for the Faculty Retirement Plan, effective July 1, 1963. Detail of the revised plan filed supplement to the minutes, page 15,617.

Voted further to approve the use of one-fifth of the academic salary increase monies, made available by the 1963 Legislative appropriation for the 1963-65 biennium, for improvement of the Faculty Retirement Plan.

COMMISSIONING OF ARCHITECTS

On the recommendation of the Vice President, Business Administration, and the President, voted to approve the commissioning of architects for the building projects approved by the 1963 Legislature. See Table A on page 840.

ACQUISITION OF LAND

On the recommendation of the Vice President, Business Administration, and the President, voted to acquire the following property parcels located in the Delta Field area:

Walter Uphoff property located at 1521 Seventh Street Southeast (consisting of 46½ feet frontage by 110 feet totaling 5,115 square feet) for the purchase price of \$16,700. Appraisals filed supplement to the minutes, page 15,618

Mercedes Buswell property located at 1503-5 Seventh Street Southeast (consisting of 36 feet frontage by 110 feet totaling 3,960 square feet) for the purchase price of \$15,250. Appraisals filed supplement to the minutes, page 15,619

Donald Kise property located at 628 Fifteenth Avenue Southeast (consisting of 40 feet frontage by 100 feet totaling 4,000 square feet) for the purchase price of \$18,000. Appraisals filed supplement to the minutes, page 15,620

Arvilla Holstein property located at 1523 Sixth Street Southeast (consisting of 38 feet frontage by 110 feet totaling 4,180 square feet) for the purchase price of \$12,750. Appraisals filed supplement to the minutes, page 15,621

Mariko Uchida property located at 1512 Seventh Street Southeast (consisting of 35 feet frontage by 90 feet totaling 3,150 square feet) for the purchase price of \$12,500. Appraisals filed supplement to the minutes, page 15,622

Gerald Roff property located at 1520 Eighth Street Southeast (consisting of 30 feet frontage by 100 feet totaling 3,000 square feet) for the purchase price of \$10,750. Appraisals filed supplement to the minutes, page 15,623

The source of funds for the above purchases will be the Athletic Reserve.

Table A. List of Proposed Architects on Building Projects Approved by the 1963 Legislature and Proposed Fee

	Appropriation	Architects to Be Commissioned	Fee to Be Paid
<i>Minneapolis Campus</i>			
1. Library, West Bank (Planning entire building and constructing 50%)	\$4,200,000	Cerny Associates Minneapolis	5%
2. Complete three floors, Social Science Building, West Bank	150,000	Cerny Associates Minneapolis	5%
3. Complete one floor, School of Business Administration Building, West Bank	50,000	Hammel & Green, Inc. St. Paul	5%
4. Planning South Classroom Building, West Bank	50,000	Setter, Leach & Lindstrom Minneapolis	5%
5. Approaches to the bridge and North Classroom Building, West Bank	15,000	Sverdrup & Parcel St. Louis, Missouri	5%
6. Boiler, Heating Plant	1,020,000	Helmick & Lutz Minneapolis	5%
7. Mechanical Engineering-Electrical Engineering Connecting Office Link	128,000	Norman C. Nagle Minneapolis	6%
8. Museum of Natural History Addition	140,000 (plus \$280,000 of other funds)	Cavin & Page St. Paul	6%
9. University Hospitals Rehabilitation	200,000	Cavin & Page St. Paul	7%
<i>St. Paul Campus</i>			
1. Addition to Snyder Hall	1,450,000	Thorsen & Thorshov Minneapolis	5%
2. Crop Research Building, Phase II	1,200,000	Hammel & Green, Inc. St. Paul	5%

Table A. List of Proposed Architects on Building Projects Approved by the 1963 Legislature and Proposed Fee (Continued)

	Appropriation	Architects to Be Commissioned	Fee to Be Paid
<i>Duluth Campus</i>			
1. Library Addition	958,000	Melander, Fugelso & Associates Duluth	5%
2. Student Housing	186,000 (plus \$558,000 of other funds)	Jyring & Whiteman Hibbing	5%
3. Complete construction, Education Building	200,000	Melander, Fugelso & Associates Duluth	5%
<i>Morris Campus</i>			
Science Building	648,000	Carl Graffunder Minneapolis	5%
<i>Waseca</i>			
Dormitory Addition	400,000	Bernard J. Hein Minneapolis	5%
<i>Rosemount</i>			
Cottage	14,000	Bernard J. Hein Minneapolis	1% (re-use of existing plans and specifications)

ACQUISITION OF LAND

On the recommendation of the Vice President, Business Administration, and the President, voted to acquire the following property parcel located in the West Bank area:

Fred Leitzman (as administrator) property located at 406 Twentieth Avenue South (consisting of 41.25 feet frontage by 66 feet totaling 2,722.5 square feet) for the purchase price of \$4,000. Appraisals filed supplement to the minutes, page 15,624

Source of funds will be the annual land budget.

RESOLUTION—CONDEMNATION OF PROPERTY

On the recommendation of the Vice President, Business Administration, and the President, voted to approve the following resolution authorizing the initiation of condemnation procedures for the acquisition of the property at 2114 Riverside Avenue:

That pursuant to the laws of the State of Minnesota, the Regents of the University of Minnesota have duly determined that it is necessary to take, in fee simple absolute, for the purpose of the University of Minnesota, as an addition to and for the use of the Minneapolis Campus, West Bank, of the University of Minnesota, that certain tract of land situated in the County of Hennepin, State of Minnesota, which is hereinafter described; and hereby request the Attorney General to institute and prosecute, in the name of the State of Minnesota, or in the name of the Regents of the University of Minnesota, or both, negotiations, or proceedings in the District Court, in accordance with the statutes in such case made and provided for the taking and condemnation of such land, in fee simple absolute, under the power of eminent domain:

The East 54 feet of Lot 8, Block 184 Town of Minneapolis

Appraisals filed supplement to the minutes, page 15,625.

INSTALLATION OF NEW BOILER

On the recommendation of the Vice President, Business Administration, and the President, voted to authorize acceptance of the following low bids for certain equipment and construction relating to the installation of a new boiler at the Minneapolis Campus Heating Plant, filed supplement to the minutes, page 15,626:

Coal Scales

Howe Richardson Scale Company
133 Island Avenue West
Minneapolis, Minnesota

Base Bid \$ 6,159

Alterations to Concrete Chimney

Paul B. Mueller Company
1627 Plymouth Avenue North
Minneapolis, Minnesota

Base Bid \$33,790

Elevator

Elevators, Incorporated
1946 University Avenue
St. Paul, Minnesota

Base Bid \$14,937

NAMING OF BUILDINGS

At the request of the Committee on University Honors and on the recommendation of the President, voted to approve the naming of the following buildings, correspondence filed supplement to the minutes, page 15,626A:

Building	Name
2037 University Avenue Southeast	University Press Building
2030 University Avenue Southeast	Police Department Building

STATUE OF DANIEL GREYSOLON DULUHT

At the meeting of March 8, 1963, the Board approved the execution of a contract for erecting a statue of Daniel Greysolon DuLuht on the Duluth Campus. Included in the above contract was the stipulation that the Regents would have the opportunity to approve or reject a preliminary sketch before further work would proceed. The Vice President, Academic Administration, distributed photographs of the preliminary sketch and reported that representatives of the University including Regents Grottum, Montague, and Silha and representatives of the First American National Bank, Duluth, trustee under the Will of Albert L. Ordean, had met with Jacques Lipchitz on June 7, 1963 to consider the preliminary plan for the statue.

Voted on the recommendation of the Vice President, Academic Administration, and the President, to approve the preliminary sketch of the statue of Daniel Greysolon DuLuht and to authorize the sculptor, Mr. Lipchitz, to proceed in the execution of the detailed model, in accordance with the terms of the agreement earlier approved by the Board.

SECURITIES TRANSACTIONS

Voted to approve the following securities transactions of the
Investments Committee, March 1, 1963 through April 30, 1963:

ACQUISITIONS

Purchases—Certificates of Deposit

Temporary Investment Pool

Par Value	Security	Maturity	Cost
\$ 500,000.00	First National Bank of Minneapolis, 3.40%	10-15-63	\$ 500,000.00
500,000.00	First National Bank of Minneapolis, 3.60%	4-30-64	500,000.00
1,000,000.00	Northwestern National Bank of Min- neapolis, 3.40%	1-15-64	1,000,000.00

Purchases—Commercial Paper

Group Investments Fund

100,000.00	Heller, Walter E. & Company	8-16-63	98,916.67
100,000.00	Heller, Walter E. & Company	9-27-63	98,481.25
50,000.00	Savings Bank Trust Company Col- lateralized Notes	6-6-63	49,795.83
250,000.00	Savings Bank Trust Company Col- lateralized Notes	6-27-63	248,541.67

Temporary Investment Pool

500,000.00	Allis-Chalmers Credit Corporation	6-28-63	495,215.28
500,000.00	American Investment Company of Illinois	8-15-63	493,765.62
250,000.00	Archer-Daniels-Midland Company ...	6-14-63	247,697.92
750,000.00	Associates Investment Company	4-1-63	748,937.50
500,000.00	Associates Investment Company	7-15-63	495,395.83
250,000.00	Associates Investment Company	7-31-63	247,359.38
500,000.00	B-W Acceptance Corporation	7-31-63	495,963.54
500,000.00	C. I. T. Financial Corporation	3-15-63	499,625.00
750,000.00	C. I. T. Financial Corporation	7-15-63	743,093.75
250,000.00	Deere, John Credit Company	6-14-63	247,697.92
250,000.00	Delta Acceptance Corporation, Ltd.	1-15-64	242,208.33
500,000.00	E. A. C. Credit Corporation	8-15-63	494,046.87
250,000.00	Export Finance Corporation, Ltd. ...	6-28-63	247,350.69
250,000.00	Family Finance Corporation	7-31-63	247,494.79
250,000.00	Family Finance Corporation	8-30-63	246,648.44
200,000.00	Gamble-Skogmo Acceptance Corpo- ration	6-28-63	197,977.78
300,000.00	Gamble-Skogmo, Inc.	6-28-63	296,966.67
250,000.00	General Acceptance Corporation	6-14-63	247,630.21
300,000.00	General Telephone Credit Corpora- tion	6-14-63	297,237.50
250,000.00	Heller, Walter E. & Company	7-31-63	247,234.37
250,000.00	Household Finance Corporation	7-31-63	247,449.65
750,000.00	International Harvester Credit Cor- poration of Canada, Ltd.	7-31-63	741,747.43

Purchases—Commercial Paper

Temporary Investment Pool

Par Value	Security	Maturity	Cost
250,000.00	Kayser-Roth Corporation	6-27-63	247,472.22
250,000.00	Laurentide Financial Corporation	6-28-63	247,180.55
250,000.00	Liberty Loan Corporation	6-14-63	247,630.21
250,000.00	Macy Credit Corporation	6-28-63	247,472.22
250,000.00	Northrup, King & Company	6-14-63	247,702.43
250,000.00	Peavey, F. H. & Company	6-14-63	247,630.21
750,000.00	Reynolds, R. J. Tobacco Company	7-15-63	742,213.54
400,000.00	Singer Credit Corporation	6-14-63	396,316.67
500,000.00	Spiegel, Inc.	6-28-63	494,763.89
250,000.00	Sprague Electric Company	7-15-63	247,201.39
500,000.00	Yellow Manufacturing Acceptance Corporation	4-30-63	499,579.86

Purchases—Corporate Bonds

Group Investments Fund

150,000.00	Montreal, City of, Sinking Fund Debentures, 5%	1-1-88	150,000.00
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Purchases—United States Government Agency Obligations

Temporary Investment Pool

250,000.00	Banks for Cooperatives Consolidated Debentures, 3.15%	8-1-63	250,156.25
500,000.00	Federal Home Loan Banks Consolidated Notes, 3.20%	1-15-64	500,000.00
750,000.00	Federal Intermediate Credit Banks Consolidated Debentures, 3.20% ..	1-2-64	750,000.00

Purchases—United States Treasury Obligations

DuFresne Memorial Scholarship Fund

15,000.00	United States of America Treasury Bills	7-25-63	14,883.60
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Group Investments Fund

310,000.00	United States of America Treasury Bonds, 4%	5-15-94	312,325.00
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Group Investments Income Stabilization Reserve Fund

180,000.00	United States of America Treasury Bills	7-18-63	178,560.00
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Temporary Investment Pool

500,000.00	United States of America Treasury Bills	5-31-63	496,690.00
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Purchases—United States Treasury Obligations

Temporary Investments—Student Loan Funds

Par Value	Security	Maturity	Cost
75,000.00	United States of America Treasury Bills	6-27-63	74,388.00

Purchase—University Grove Mortgage

Group Investments Fund

Mortgage Deed and First Mortgage Note, 5%, dated 3-1-63, in the name of Harold L. James and Ruth G. James, for leasehold Lot 13, Block 2, University Grove Addition	3-1-83	26,062.73
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Stock Dividends and Splits—Corporate Stock

DuFresne Memorial Scholarship Fund

No. of Shares	Security	Class
2	Dow Chemical Company (2%)	Common

University Theater Building Fund

3	Dow Chemical Company (2%)	Common
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DISPOSALS

Calls—Corporate Bonds

Group Investments Fund

Par Value	Security	Maturity	Cost	Amount Received
\$ 5,000.00	Aluminum Company of Canada, Limited Sinking Fund Debentures, 4½%	4-1-80	\$ 5,101.25	\$ 5,085.00
5,000.00	Armco Steel Corporation Sinking Fund Debentures, 4.35%	4-1-84	5,000.00	5,000.00
3,000.00	Texas Eastern Transmission Corporation First Mortgage Pipe Line Bonds, 4¾%	3-1-77	2,988.25	3,000.00
4,000.00	Transcontinental Gas Pipe Line Corporation First Mortgage Bonds, 5%	4-1-77	3,976.35	4,020.00

Maturities—Commercial Paper

Temporary Investment Pool

500,000.00	American Investment Company of Illinois	4-15-63	494,312.50	500,000.00
750,000.00	Associates Investment Company	4-1-63	748,937.50	750,000.00

Par Value	Security	Maturity	Cost	Amount Received
500,000.00	B-W Acceptance Corporation	4-30-63	494,447.92	500,000.00
500,000.00	C. I. T. Financial Corporation	3-15-63	499,625.00	500,000.00
500,000.00	Consolidated Foods Corporation	4-8-63	495,892.36	500,000.00
250,000.00	Dial Finance Company	4-30-63	247,133.68	250,000.00
250,000.00	Export Finance Corporation of Canada, Ltd.	3-29-63	247,130.21	250,000.00
250,000.00	Heller, Walter E. & Company	3-15-63	247,222.22	250,000.00
750,000.00	International Harvester Credit Corporation of Canada, Ltd.	4-16-63	741,011.98	750,000.00
250,000.00	Northrup, King & Company	3-15-63	247,088.54	250,000.00
250,000.00	Peavey, F. H. & Company	3-15-63	247,851.56	250,000.00
500,000.00	R. C. A. Credit Corporation	3-29-63	494,899.31	500,000.00
700,000.00	Reynolds, R. J. Tobacco Company	3-15-63	694,227.43	700,000.00
250,000.00	Savings Banks Trust Company	4-30-63	247,449.65	250,000.00
750,000.00	Yellow Manufacturing Acceptance Corporation	4-30-63	747,029.51	750,000.00

Maturities—United States Government Agency Obligations

Group Investments Fund

325,000.00	Banks for Cooperatives Consolidated Debentures, 3.15%	4-1-63	325,000	325,000.00
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Group Investments Income Stabilization Reserve Fund

25,000.00	Banks for Cooperatives Consolidated Debentures, 3.15%	4-1-63	25,000.00	25,000.00
150,000.00	Federal Home Loan Banks Consolidated Notes, 3.15%	3-15-63	150,000.00	150,000.00

Temporary Investments—Loan Funds

50,000.00	Federal Home Loan Banks Consolidated Notes, 3.15%	3-15-63	50,031.25	50,000.00
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Temporary Investment Pool

700,000.00	Banks for Cooperatives Consolidated Debentures, 3.15%	4-1-63	700,000.00	700,000.00
1,000,000.00	Federal Home Loan Banks Consolidated Notes, 3.15%	3-15-63	999,531.25	1,000,000.00

Par Value	Security	Maturity	Cost	Amount Received
1,000,000.00	Federal Intermediate Credit Banks Consolidated Debentures, 3.15%	4-1-63	1,000,000.00	1,000,000.00
300,000.00	Federal National Mortgage Association Discount Notes	3-12-63	297,585.42	300,000.00
1,000,000.00	Federal National Mortgage Association Discount Notes	4-15-63	983,633.33	1,000,000.00

Maturities—United States Treasury Obligations

DuFresne Memorial Scholarship Fund

12,000.00	United States of America Treasury Bills	4-15-63	11,792.60	12,000.00
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Sales—Corporate Bonds

Group Investments Fund

140,000.00	Montreal, City of, Sinking Fund Debentures, 5 $\frac{5}{8}$ %	11-1-79	140,000.00	148,400.00
200,000.00	Quebec Hydro-Electric Commission Debentures, 4 $\frac{3}{8}$ %	2-1-77	199,250.00	199,250.00
125,000.00	Standard Oil Company (Indiana), Debentures, 4 $\frac{1}{2}$ %	10-1-83	123,750.00	127,750.00

Sales—United States Government Agency Obligations

Group Investments Fund

300,000.00	Federal Land Banks Consolidated Bonds, 4 $\frac{1}{2}$ %	2-20-74	301,125.00	311,156.25
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Sale—United States Treasury Obligations

Temporary Investment Pool

300,000.00	United States of America Treasury Certificates of Indebtedness, 3 $\frac{3}{4}$ %	2-15-64	300,000.00	300,562.50
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Sale—Corporate Stock

Law School Service Fund

No. of Shares	Security	Class	Book Value	Amount Received
10	Minnesota Mining and Manufacturing Company	Common	698.75	568.79

BUSINESS VICE PRESIDENT'S REPORT

Voted to approve the report of the Vice President, Business Administration to the Chairman of the Executive and Finance Committee, filed supplement to the minutes, page 15,627.

Voted to approve transfers of funds No. 9001 to No. 9500 inclusive.

Voted to approve journal vouchers No. 42001 to No. 44500 inclusive.

Voted to approve requisitions No. 77218 to No. 82137 inclusive.

Voted to adjourn.

L. R. LUNDEN, Secretary