

UNIVERSITY OF MINNESOTA
BOARD OF REGENTS
MINUTES

July 10, 1964

A meeting of the Board of Regents was held in the East Wing of the Campus Club, Coffman Memorial Union, on Friday, July 10, 1964, at 9:30 o'clock a.m.

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

Absent: Regent Gainey.

APPROVAL OF MINUTES

Voted to approve the minutes of the following meetings:

Board of Regents of September 20, 1963

Board of Regents of October 5, 1963

Board of Regents of October 25, 1963

Draft of the Physical Plant Committee Minutes, June 12, 1964

Draft of the Budget Committee Minutes, June 12, 1964

Draft of the Minutes for the meeting of June 13, 1964

AMENDMENT OF MINUTES

Voted to approve the following amendment of minutes:

February 14, 1964, sabbatical furlough for Edward M Copeland, Jr Assistant Professor Slavic and Oriental Languages to complete the translation and editing of a modern Japanese work on literary theory for 1964-65 to be canceled (change in research plans)

BUDGET CORRECTIONS

Voted to approve the following budget corrections, 1964-65:

3-0100-2003, A Orville Dahl Professor Botany sabbatical furlough for 1964-65 to be canceled and replaced by leave of absence without salary for 1964-65 to conduct research on plant morphogenesis under weightlessness and fine structure of pollen both supported by research grants (sabbatical furlough wasn't processed)

7-0385-4302, Venerice Peterson Telephone Operator University of Minnesota Hospitals from \$4,104 Term A to \$3,948 Term A (already at maximum salary of class)

54-0385-4314, Jean Culver Laboratory Attendant University of Minnesota Hospitals from \$2,880 Term A to \$2,772 Term A (merit increase recorded in error)

PERSONNEL CHANGES

Voted to approve the following personnel changes:

Retirements

Florence L Smith Secretary Department of University Relations to retire on State Employees Retirement and Old Age Survivors and Disability Insurance effective June 30, 1964

Tatjana Saprasa Food Service Worker University of Minnesota Hospitals to retire on Old Age Survivors and Disability Insurance effective June 17, 1964

Lawrence Thompsen Hospital Janitor University of Minnesota Hospitals to retire on Old Age Survivors and Disability Insurance effective June 30, 1964

Terminations

Woodrow J Aunan Professor Animal Husbandry effective July 31, 1964

James A Wright Assistant Professor English effective June 15, 1964

Harold F Flanagan Clinical Assistant Professor Pediatrics without salary effective May 30, 1964 (deceased)

Marion R Fedde Assistant Professor Department of Veterinary Anatomy and Department of Poultry Science effective August 31, 1964

Milton D Jacobson Assistant Professor Division of Science and Mathematics Morris effective June 15, 1964

Walter K Thorsell Assistant Professor Mortuary Science effective June 30, 1964

Paul C Berry Assistant Professor Minnesota School Mathematics and Science Center effective June 15, 1964

Giancarlo Bassani Research Associate School of Physics Research Funds effective July 31, 1964

Hugh G Peacock Lecturer School of Architecture effective June 15, 1964

William W Cochran Lecturer Museum of Natural History Research Funds effective May 15, 1964

Ralph L V Rickgarn Assistant to the Vice President—Development Office of the Vice President for Educational Relationships and Development effective August 7, 1964

Cornelius B Canon Instructor Administration College of Liberal Arts effective June 30, 1964

Barbara J McKinney Instructor English effective at time of appointment September 16, 1964

H Wendell Howard Instructor English effective at time of appointment September 16, 1964

Denis A Lape Instructor English effective at time of appointment September 16, 1964

Raymond A Stassen Instructor Speech and Theatre Arts effective June 30, 1964

Forrest I Glick Instructor School of Physics effective June 15, 1964

Wauneta L Blackburn Instructor Rhetoric effective June 15, 1964

Carol H Vennes Instructor School of Nursing effective May 31, 1964

Charles Tesar Clinical Instructor Ophthalmology without salary effective May 31, 1964

Nancy D Johnson Instructor Division of Education and Psychology Duluth effective June 15, 1964

Julian R Grev Instructor Southern School of Agriculture effective April 15, 1964

Larrie N Peterson Instructor Southern School of Agriculture effective April 15, 1964

Philip E Pettyjohn Instructor Southern School of Agriculture effective April 15, 1964

Barbara L Knudson Instructor Sociology Research Funds effective June 15, 1964

Donald P Anderson Instructor and Field Assistant Educational Research and Development Council effective June 15, 1964

William Silverman Research Fellow Numerical Analysis Center effective June 15, 1964

Vincent D Johnson Research Fellow Bureau of Institutional Research effective June 30, 1964

Douglas E Lorenz Research Fellow Microbiology Research Funds effective May 31, 1964

Patricia H Sharpley Research Fellow Psychiatry and Neurology Research Funds effective June 30, 1964

Deloris O Bollin Meeker County Home Agent Instructor Agricultural Extension Service effective July 11, 1964

Wanda W Olson Goodhue County Home Agent Instructor Agricultural Extension Service effective July 4, 1964

Jack W Shields Teaching Assistant Botany effective June 15, 1964

Clark G Hilden Teaching Assistant Geography effective June 15, 1964

David M Kelly Teaching Assistant School of Physics effective at time of appointment September 16, 1964

Henry F Romer Teaching Assistant School of Physics effective at time of appointment September 16, 1964

Jerry F Zimring Teaching Assistant School of Dentistry effective June 15, 1964

Norma U Ramirez Teaching Assistant Elementary Education effective April 30, 1964

Yvonne J Wolston Research Assistant Office of the Vice President for Educational Relationships and Development effective June 15, 1964

James E Potton Research Assistant School of Forestry Research Funds effective June 10, 1964

Roger G Hanson Research Assistant Soil Science Research Funds effective June 30, 1964

Dennis D Seefeldt Research Assistant Soil Science Research Funds effective May 31, 1964

Thomas A Gould Research Assistant Bureau of Institutional Research effective June 15, 1964

Georgianne D Warren Research Assistant Special Education effective May 29, 1964

Robert J Bose Research Assistant Biochemistry Institute of Agriculture Research Funds effective May 31, 1964

Shih-jung Lan Research Assistant Biochemistry Institute of Agriculture Research Funds effective June 15, 1964

Gadde S Rao Research Assistant Veterinary Anatomy Research Funds effective June 30, 1964

Joseph B Seabury Administrative Fellow Student Unions Village Union effective June 30, 1964

Henry S Sauls Medical Fellow Specialist Pediatrics without salary effective June 15, 1964

Rosemarie C Eckert Medical Fellow Psychiatry and Neurology and University of Minnesota Hospitals effective June 30, 1964

Lumen Borja-Schilling Medical Fellow University of Minnesota Hospitals effective July 3, 1964

Robert J Campaigne Medical Fellow Surgery Research Funds effective March 31, 1964

Massoud Shahidi Medical Fellow Anesthesiology Research Funds effective June 28, 1964

Peggy A Domstad Intern University of Minnesota Hospitals effective June 30, 1964
 The following Dietetic Interns University of Minnesota Hospitals effective June 26, 1964

Bridget M Doyle	Elaine S Sundquist
Pamela J Entringer	Karen Wyborny

William R Fifer Physician Professor University Health Service effective June 30, 1964 retains Clinical Associate Professor without salary status in Medicine

Raymond L Page Physician University Health Service effective June 15, 1964

Clifford E Sisler Physician University Health Service effective June 15, 1964

Winette A Parks Key Punch Operator Business Office effective June 15, 1964 (transferred to miscellaneous payroll)

John P Schullo Personnel Assistant Office of Civil Service Personnel effective May 29, 1964

Rita M McConnell Secretary Office of the Dean of Students Residence Counseling Program effective June 19, 1964

Hedvig K Ocheltree Clerk Office of Admissions and Records effective May 22, 1964

Richelle M Session Clerk Office of Admissions and Records effective June 12, 1964

Margo E Zentner Senior Clerk-Typist Student Personnel Services Duluth effective June 10, 1964

Sue R Holbert News Representative Department of University Relations effective May 19, 1964

Sally E White Clerk-Typist Department of University Relations effective June 26, 1964

Joan Brener Clerk-Typist Administration College of Liberal Arts effective June 30, 1964

Helen W Howard Senior Clerk-Typist Political Science effective June 11, 1964

Nancy A Helberg Clerk-Stenographer Psychology effective June 26, 1964

Joyce L Johnson Senior Clerk-Typist Electrical Engineering effective May 29, 1964

Charlotte L Smith Senior Secretary School of Chemistry effective June 12, 1964 (transferred to miscellaneous payroll)

Cynthia A Johnson Secretary Geology and Geophysics effective June 30, 1964

Judith H Stitt Senior Clerk-Typist School of Physics effective June 16, 1964

Isabell B Erlandson Secretary School of Forestry effective June 19, 1964

Marian F Stever Secretary Biochemistry College of Medical Sciences effective June 12, 1964

Mary E Turk Secretary Veterinary Physiology and Pharmacology effective June 5, 1964

The following in the School of Dentistry

		Effective Date
Helen E Chilstrom	Clerk	June 12, 1964
Carolyn A Fauble	Senior Clerk-Typist	June 15, 1964
Carole A Hedine	Clerk-Typist	June 15, 1964
Effie Koepf	Senior Executive Secretary	June 5, 1964

Sharon R Lundblad Senior Clerk Law School effective June 4, 1964

Victoria Thorpe Clerk-Typist Law School effective June 18, 1964

Penny A Henrichs Clerk-Typist Administration College of Education
effective June 5, 1964

Margaret J Green Clerk-Stenographer Business Functions and Manage-
ment effective May 29, 1964

The following in the University of Minnesota Hospitals

		Effective Date
Elizabeth R Anderson	Night Telephone Operator	May 4, 1964
Priscilla L Anderson	Bookkeeping Machine Operator	July 17, 1964
Judy A Anger	Practical Nurse	July 1, 1964
Katherine A Ashburn	Senior Laboratory Technician	June 17, 1964
Carol K Barker	General Staff Nurse	June 25, 1964
Ellen V Beaulieu	Hospital Aide	May 28, 1964
Marian E Biel	General Staff Nurse	June 15, 1964
Ardrea A Borer	General Staff Nurse	June 30, 1964
M Cleo Brtek	Practical Nurse	June 30, 1964
Nellie Bulick	General Staff Nurse	July 14, 1964
Dorothy J Carr	Clerk	May 27, 1964
Norma Cuderman	Practical Nurse	June 19, 1964
DeAnne J Curtis	Senior Secretary	June 12, 1964
Susan A Davies	General Staff Nurse	June 9, 1964
Doris M Davis	Senior Dietitian	May 27, 1964
Joan M Duke	Senior Clerk-Typist	June 9, 1964
Marvelle J Eagle*	Practical Nurse	May 29, 1964
Karen S Elling	General Staff Nurse	June 30, 1964
Janet M Fury	General Staff Nurse	July 3, 1964
Jeanette M Gostomczik	Practical Nurse	June 25, 1964
ArLou Halverson	Senior Clerk	July 2, 1964
Judith V Harris	General Staff Nurse	June 12, 1964
Evelyn Haugen	Senior Clerk-Typist	May 15, 1964
Margaret Hermanson	Senior Food Service Supervisor	June 17, 1964
Edna V Higgins	Food Service Worker	May 13, 1964
Marjorie M Hillman	Clerk	June 12, 1964
Veda Hult*	General Staff Nurse	May 29, 1964
Edith S Isais	Custodial Worker	June 4, 1964
Judith Jacobson	Head Hospital Nurse	June 29, 1964
Izetta E Kitchen	Food Service Worker	June 17, 1964
Joyce C Krueger	General Staff Nurse	June 26, 1964
Judith L Lampe	General Staff Nurse	June 29, 1964
Kathleen A Laven	General Staff Nurse	July 2, 1964
Elizabeth K Leaver	General Staff Nurse	June 24, 1964
Lorraine Levandowski	Nursing Station Assistant	June 10, 1964
Joan Lottsfeldt	Student Technologist Supervisor	July 6, 1964
Gladys M Madsen	Assistant Cook	June 22, 1964
Annette F Marien	Head Hospital Nurse	July 17, 1964
Paula Muhm	General Staff Nurse	July 6, 1964
Kathleen A Myers	General Staff Nurse	June 30, 1964
Loreen P Nash	Student Technologist Supervisor	July 8, 1964
LaVonne I Onstad	Practical Nurse	June 22, 1964
Wanda A Opheim	General Staff Nurse	July 20, 1964
Eunice Ott	Senior Dietitian	August 5, 1964
Donna Otting	General Staff Nurse	June 23, 1964
Jean M Petersen	Food Service Worker	May 25, 1964
Beverly J Pierce	General Staff Nurse	May 29, 1964
Joyce Ritlinger	General Staff Nurse	July 2, 1964
Mary E Schoonover	General Staff Nurse	July 1, 1964
Charlotte Schulte	Hospital Aide	June 5, 1964
Judith A Skaff*	General Staff Nurse	June 30, 1964
Ruth Thompson	Medical Records Typist	July 1, 1964
Margaret Van Schoyck	Student Technologist Supervisor	June 30, 1964
Sandra K Villwock	General Staff Nurse	June 5, 1964

		Effective Date
Heather J Wall	General Staff Nurse	June 26, 1964
Cynthia Woodson	General Staff Nurse	June 26, 1964
Anna M Wulff	General Staff Nurse	July 3, 1964

• Transferred to miscellaneous payroll

Eileen P Hanson Senior Cashier Evening and Special Classes effective June 1, 1964

Catherine H Latham Secretary Industrial Relations Center effective June 15, 1964

Loretta M Will Senior Clerk-Typist University Artists Course effective June 22, 1964

The following in the Library

		Effective Date
Kathleen E Bengston	Clerk-Typist	June 9, 1964
Sandra H Boyd	Library Assistant	May 29, 1964
Phyllis M Hardebeck	Senior Secretary	May 28, 1964
Patricia D Henning	Senior Clerk-Typist	June 22, 1964
Florence L McCrory	Senior Clerk	June 12, 1964
Karen E Montgomery	Senior Clerk	May 29, 1964
Dianne J Ross	Senior Clerk-Typist	July 6, 1964
Gretchen L Thompson	Senior Clerk	June 8, 1964

Carol H Larsen Senior Clerk Library St Paul effective June 15, 1964

Arlene K Miller Secretary School of Business Administration effective June 5, 1964

W Jean Jones Senior Secretary St Anthony Falls Hydraulic Laboratory effective May 22, 1964

Janet A Paschke Clerk-Typist Plant Services effective June 11, 1964

Diane O Beniak Senior Clerk-Typist St Paul Campus General Service and Maintenance effective June 5, 1964

Myrtha E Cruz Clerk-Typist University Parking Lots effective June 25, 1964

David A Peterson Creative Arts and Crafts Supervisor Student Unions Coffman Memorial Union effective August 20, 1964

Barbara Wright Printing Assistant Printing Department effective June 4, 1964

Jane M Christensen Clerk Mimeograph and Bulletins effective June 5, 1964

Anne M Peterson Clerk Mimeograph and Bulletins effective June 22, 1964

Jacob P Beck Washman University Laundry effective May 29, 1964

Suzanne R Cunningham Senior Clerk-Typist Audio-Visual Education Service effective June 22, 1964

Darlene J Kroll Senior Clerk-Typist Psychology Research Funds effective June 9, 1964

Barbara K Tullis Senior Laboratory Technician Psychology Research Funds effective June 19, 1964

Sharon A Munger Laboratory Technologist Zoology Research Funds effective June 30, 1964

Helga Mueller Laboratory Technician Agronomy and Plant Genetics Research Funds effective June 30, 1964

Margaret R Brown Senior Clerk-Typist Anatomy Research Funds effective May 15, 1964

Rufus O Bankole Laboratory Technologist Microbiology Research Funds effective June 29, 1964 (transferred to miscellaneous payroll)

Karen K Small Clerk-Typist Pharmacology Research Funds effective May 25, 1964

Patricia L Dsida Junior Scientist Physiology Research Funds effective June 26, 1964

Katherine L Britton Secretary School of Public Health Research Funds effective June 12, 1964

Kathleen B Merfeld Senior Clerk-Typist Laboratory of Physiological Hygiene Research Funds effective May 15, 1964

Gary N Skorheim Principal Laboratory Animal Attendant Surgery Research Funds effective June 29, 1964

Virginia B Bailey Psychometrist Psychiatry and Neurology Research Funds effective May 29, 1964

James F Jones Laboratory Technologist Biochemistry College of Medical Sciences Research Funds effective June 29, 1964

Sharon Schumacher Laboratory Animal Attendant Ophthalmology Research Funds effective June 16, 1964

Alice M Sorenson Senior Laboratory Technician Veterinary Bacteriology and Public Health Research Funds effective June 15, 1964

Rebecca A Finch Dental Clinic Attendant School of Dentistry Research Funds effective June 8, 1964

Fayth K Glass Dental Clinic Attendant School of Dentistry Research Funds effective June 15, 1964

Marcia L Swenson Dental Clinic Attendant School of Dentistry Research Funds effective June 1, 1964

Sharon L Yackel Senior Clerk-Typist Training Center for Delinquency Prevention and Control effective June 26, 1964

Carol H Blowers Secretary Graduate School Research Funds effective June 2, 1964

Marcia Klement Senior Clerk-Typist NDEA Foreign Language Summer Institute effective June 15, 1964

Peter Bergstedt recipient of a Duluth Scholarship effective May 22, 1964

Marlon W Gerould recipient of a NDEA Institute Enrollee Scholarship effective June 10, 1964

John R Chuchel recipient of a National Science Foundation Cooperative Graduate Fellowship effective March 14, 1965

Richard J Forstrom recipient of a National Science Foundation Cooperative Graduate Scholarship effective June 15, 1964

Larry C Grove recipient of a National Science Foundation Cooperative Graduate Fellowship effective June 15, 1964

Robert E Olson recipient of a United States Public Health Service Traineeship in Clinical Cardiology effective June 30, 1964

Paul B Batalden recipient of a United States Public Health Service Training Program in Epidemiology Fellowship effective June 16, 1964

S Steven Barron recipient of a United States Public Health Service Training Program in Pathology Scholarship effective May 31, 1964

Wayne H Schrader recipient of a United States Public Health Service Traineeship in Clinical Cardiology Scholarship effective December 31, 1963

William J Gundlach recipient of a United States Public Health Service Undergraduate Training in Psychiatry Scholarship effective May 15, 1964

Carol A McColm recipient of a United States Public Health Service Training Program in Genetics Scholarship effective June 15, 1964

Appointments

Landis L Boyd as Professor and Head Agricultural Engineering beginning July 16, 1964 at the rate of \$18,500 Term A

Hans J Schrimpf as Visiting Professor German for 1964-65 at \$15,200 Term BT

The following continuations of appointment as Professors Mayo Foundation without salary July 1, 1964 to June 30, 1965

Alexander Albert
Archie H Baggenstoss

William H Bickel
Reginald G Bickford

B Marden Black
 David A Boyd, Jr
 Joe R Brown
 Louis A Brunsting
 Howard B Burchell
 Hugh R Butt
 O Theron Clagett
 Charles F Code
 Edward N Cook
 Kendall B Corbin
 Mark B Coventry
 Ormand S Culp
 David C Dahlin
 William H Dearing
 Malcolm B Dockerty
 James W DuShane
 Earl C Elkins
 John L Emmett
 John B Erich
 Albert Faulconer, Jr
 (Anesthesiology)
 Deward O Ferris
 Eunice V Flock
 Ward S Fowler
 Earl E Gambill
 Clarence A Good
 Lawrence F Greene
 George A Hallenbeck
 Malcolm M Hargraves
 John W Henderson
 William H Hollinshead
 Arthur B Hunt
 Raymond J Jackman
 Joseph M Janes
 Victor Johnson*
 Edward S Judd
 Alfred G Karlson
 F Raymond Keating, Jr

Robert R Kierland
 John W Kirklin
 Walter F Kvale
 Edward H Lambert
 Paul R Lipscomb
 George B Logan
 J Grafton Love
 Collin S MacCarty
 Frank T Maher
 Harold L Mason
 Clark H Millikan
 Carl G Morlock
 Kenneth N Ogle
 Arthur M Olsen
 Charles A Owen, Jr
 Howard F Polley
 Joseph H Pratt
 James T Priestley
 David G Pugh
 Howard P Rome
 C Wilbur Rucker
 Edward H Rynearson
 Herbert W Schmidt
 Thomas H Seldon
 John T Shepherd
 Kinsey M Simonton
 Charles H Slocumb
 Randall G Sprague
 J Minott Stickney
 Gershom J Thompson
 Khalil G Wakim
 Charles H Watkins
 Lyle A Weed
 Marvin M D Williams
 Eric E Wollaeger
 Earl H Wood
 Lewis B Woolner
 H Herman Young

* Includes title of Director

Richard L Wood as Associate Professor Anatomy beginning September 16, 1964 at the rate of \$11,200 Term B

Colin Markland as Associate Professor Surgery Division of Urology beginning August 1, 1964 at the rate of \$15,000 Term A

Willis H Krueger continuation of appointment as Clinical Associate Professor School of Dentistry without salary July 1, 1964 to June 30, 1965

The following continuations of appointment as Associate Professors Mayo Foundation without salary July 1, 1964 to June 30, 1965

Eugene Ackerman
 Milton W Anderson
 Robert C Bahn
 Hugo L Bair
 George S Baker
 Edward A Banner
 Lloyd G Bartholomew
 Edwin D Bayrd
 Oliver H Behars
 James C Cain

Donald C Campbell
 David T Carr
 Haddon M Carryer
 Donald S Childs, Jr
 Norman A Christensen
 Talbert Cooper
 Frederic L Darley
 Guy W Daugherty
 Kenneth D Devine
 James H DeWeerd

F Henry Ellis, Jr	William M McConahey
Albert Faulconer, Jr	R Drew Miller*
(Physiology)	Stephen D Mills
Gerald A Fleisher	Donald W Mulder
Clifford F Gastineau	Donald R Nichols
Joseph E Geraci	Patrick A Ongley
Norman P Goldstein	Robert L Parker
John B Gross	Gertrude Pease
Albert B Hagedorn	Gustavus A Peters
Olav E Hallberg	Thomas L Pool
Lloyd E Harris	Robert M Salassa
Alvin B Hayles	William G Sauer
H Frederick Helmholtz, Jr	George P Sayre
John R Hill	Richard M Shick
Corrin H Hodgson	Lucian A Smith
John R Hodgson	Charles F Stroebel, Jr
Robert W Hollenhorst	William H J Summerskill
Colin B Holman	Hendrik J Svien
John C Ivins	Harold J C Swan
Patrick J Kelly	Jan H Tillisch
Thomas E Keys	Alfred Uihlein
Giles A Koelsche	Laurentius O Underdahl
Stanley A Lovestedt	L Emmerson Ward
Gordon M Martin	Robert B Wilson
William J Martin	Richard K Winkelmann
Don R Mathieson	Robert E Yoss
Vernon R Mattox	

* Includes title of Associate Director

Richard P McDermott as Assistant Professor Speech Office of the Dean of Students Speech and Hearing Clinic July 1, 1964 to June 30, 1966 at the rate of \$10,000 Term A

Thomas K Soulen as Assistant Professor Botany September 16, 1964 to June 15, 1966 at the rate of \$8,000 Term B

Martin J Hauser as Assistant Professor Political Science for 1964-65 at \$8,000 Term BX

James E Jernberg as Assistant Professor Political Science for 1964-65 at \$8,000 Term BX

Kan Ori as Visiting Assistant Professor Political Science for 1964-65 at \$8,000 Term BX

Peter Luykx as Assistant Professor Zoology September 16, 1964 to June 15, 1966 at the rate of \$8,000 Term B

Ronald J Mogavero as Assistant Professor Mechanical Engineering September 16, 1964 to June 15, 1966 at the rate of \$9,000 Term B

Ronald E Brown as Assistant Professor School of Physics and Research Funds for 1964-65 at \$8,500 Term BT

Yau-Chien Tang as Assistant Professor School of Physics and Research Funds for 1964-65 at \$9,000 Term BT

Fudeko T Maruyama as Assistant Professor School of Home Economics September 16, 1964 to June 15, 1966 at the rate of \$7,500 Term B

Asher Ilani as Assistant Professor Physiology for 1964-65 at \$10,000 Term ATX

William R Scott as Clinical Assistant Professor Surgery without salary July 1, 1964 to June 30, 1965

William R Kennedy continuation of appointment as Assistant Professor Psychiatry and Neurology Research Funds for 1964-65 at \$15,000 Term AT

Carlín K Hayes continuation of appointment as Clinical Assistant Professor School of Dentistry without salary September 16, 1964 to June 15, 1965

Robert S Redman continuation of appointment as Clinical Assistant Professor School of Dentistry July 1 to August 31, 1964 at \$251 Term CHT20 (\$7,536 A rate)

The following continuations of appointment as Assistant Professors Mayo Foundation without salary July 1, 1964 to June 30, 1965

Howard A Andersen	Theodore G Martens
Arnold E Aronson	Dwight C McGoon
Hillier L Baker, Jr	Warren F McGuckin
Kenneth L Berge	Ross H Miller
Philip E Bernatz	Charles G Moertel
Charles M Blackburn	George D Molnar
Robert O Brandenburg	Sigfrid A Muller
James C Broadbent	Thomas T Myers
Arnold L Brown, Jr	Gerald M Needham
Henry A Brown	Alan L Orvis
Arthur H Bulbulian	Edith M Parkhill
Edmund C Burke	Thomas W Parkin
John A Callahan	John S Pearson
Earl T Carter	Harold O Perry
Daniel C Connolly	Lowell F A Peterson
David G Decker	Raymond V Randall
David E Donald	Richard J Reitemeier
James R Eckman	William H ReMine
Donald J Erickson	Edward D Rooke
John F Fairbairn II	Randolph A Rowelstad
Bernard K Forscher	Joseph G Rushton
William T Foulk, Jr	Paul W Scanlon
Joseph A Gibilisco	Alexander Schirger
Robert J Gores	Donald A Scholz
Paul A Green	Harold H Scudamore
David G Hanlon	Roy G Shorter
Edgar G Harrison, Jr	Robert G Siekert
LeRoy D Hedgecock	Ralph E Smith
Edward D Henderson	Edward H Soule
Lowell L Henderson	John A Spittell, Jr
Ernest C Herrmann	Maurice H Stauffer
John A Higgins	Gunnar B Stickler
Llewelyn P Howell	George K Stillwell
Kenneth A Huizenga	Ralph E Sturm
James C Hunt	C Roger Sullivan
Robert E Hyatt	Wendell M Swenson
Einer W Johnson, Jr	Richard E Symmonds
John L Juergens	Welby N Tauxe
Thomas P Kearns	Richard A Theye
Frederick W L Kerr	John H Thompson, Jr
Owings W Kincaid	John A Ulrich
Thomas J Kirby, Jr	Daniel E Waite
Clifford F Lake	William H Weidman
Edward M Litin	John S Welch
Karl A Lofgren	William E Wellman
Hugh B Lynn	Jack P Whisnant
Harold Markowitz	

Ernest J Pavlock as Assistant Professor Accounting September 16, 1964 to June 15, 1966 at the rate of \$9,500 Term B

Ronald F Wippert as Assistant Professor Business Functions and Management September 16, 1964 to June 15, 1966 at the rate of \$9,500 Term B

Captain Dewey E Johnson as Assistant Professor Air Science without salary beginning June 7, 1964

Dorothea V Riemann as Assistant Professor District Supervisor Home Economics Extension Agricultural Extension Service July 1, 1964 to June 30, 1966 at the rate of \$10,300 Term A

Viktor O Wilson continuation of appointment as Lecturer Mayo Foundation without salary July 1, 1964 to June 30, 1965

Stephen Winkour continuation of appointment as Research Associate Office of the President July 1 to September 15, 1964 at \$1,570 Term C (\$7,536 A rate)

Narayan G Patel continuation of appointment as Research Associate Entomology Fisheries and Wildlife Research Funds July 1-31, 1964 at \$667 Term CT (\$8,000 A rate)

Richard C Pugh as Research Associate Bureau of Institutional Research September 1, 1964 to June 30, 1966 at the rate of \$9,600 Term A

Leroy M Fingerson continuation of appointment as Research Associate Mechanical Engineering Research Funds July 1 to August 31, 1964 at \$417 Term CHT25 (\$10,000 A rate)

DeField T Holmes continuation of appointment as Research Associate School of Chemistry Research Funds July 1 to August 31, 1964 at \$2,200 Term CT (\$13,200 A rate)

Roger L Arnoldy continuation of appointment as Research Associate School of Physics Research Funds for 1964-65 at \$1,167 Term AHT13 (\$9,333 A rate)

Nester Dickie continuation of appointment as Research Associate Medicine Research Funds for 1964-65 at \$8,820 Term AT

Richard Joos continuation of appointment as Research Associate Medicine Research Funds for 1964-65 at \$9,320 Term AT

Donald F Clausen continuation of appointment as Research Associate Ophthalmology Research Funds July 1 to September 30, 1964 at \$2,265 Term CT (\$10,500 A rate)

Boy N Collier, Jr as Instructor Counselor Student Personnel Office College of Education for 1964-65 at \$5,000 Term AH75 (\$6,667 A rate)

Robert L Melka as Instructor History for 1964-65 at \$2,500 Term BHX50 (\$5,000 B rate)

Robert J Barta as Instructor Romance Languages for 1964-65 at \$3,848 Term BH73 (\$5,200 B rate)

John E Fadell as Instructor Romance Languages for 1964-65 at \$5,400 Term BT

Joel I Nelson continuation of appointment as Instructor Sociology for 1964-65 at \$7,500 Term BX

Donald D Peterson as Instructor Sociology for 1964-65 at \$3,000 Term BHX50 (\$6,000 B rate)

Malcolm N Blumenthal as Instructor Medicine with salary paid directly by the Veterans Administration Hospital July 1, 1964 to June 30, 1965

Robert P Gruninger as Instructor Medicine and Research Funds for 1964-65 at \$7,200 Term AHT80 (\$9,000 A rate)

Manuel O Jaffe continuation of appointment as Clinical Instructor Medicine for 1964-65 at \$1,600 Term AHT20 (\$8,000 A rate)

Thomas F Mulrooney as Instructor Medicine with salary paid directly by the Hennepin County General Hospital July 1, 1964 to June 30, 1965

Max D Cooper as Instructor Pediatrics with salary paid directly by the United States Public Health Service July 1, 1964 to June 30, 1965

Wendell K Downing as Clinical Instructor Surgery without salary July 1, 1964 to June 30, 1965

Harrison H Farley as Instructor Surgery with salary paid directly by the Hennepin County General Hospital July 1, 1964 to June 30, 1965

Richard D Granquist as Clinical Instructor Surgery without salary July 1, 1964 to June 30, 1965

Paul R Hartig as Clinical Instructor Surgery Division of Urology without salary July 1, 1964 to June 30, 1965

Donald L Lamb as Instructor Surgery with salary paid directly by the Veterans Administration Hospital July 1, 1964 to June 30, 1965

David J Nelson as Instructor Surgery with salary paid directly by the Hennepin County General Hospital July 1, 1964 to June 30, 1965

Demetre M Nicoloff as Instructor Surgery with salary paid directly by the United States Public Health Service July 1, 1964 to June 30, 1965

John C Parrott as Instructor Surgery with salary paid directly by the Hennepin County General Hospital July 1, 1964 to June 30, 1965

Edward T Peter as Instructor Surgery with salary paid directly by the United States Public Health Service July 1, 1964 to June 30, 1965

Herman H Eelkema as Clinical Instructor Radiology without salary July 1, 1964 to June 30, 1965

Ernest Larson as Clinical Instructor Ophthalmology without salary July 1, 1964 to June 30, 1965

Byron A Teska as Clinical Instructor Ophthalmology without salary July 1, 1964 to June 30, 1965

Thomas F Fletcher as Instructor Veterinary Anatomy for 1964-65 at \$11,000 Term A

John S Bacon continuation of appointment as Clinical Instructor School of Dentistry without salary September 16, 1964 to June 15, 1965

Clinton C Johnson continuation of appointment as Clinical Instructor School of Dentistry without salary July 1, 1964 to June 30, 1965

John N Trodahl continuation of appointment as Clinical Instructor School of Dentistry without salary July 1, 1964 to June 30, 1965

The following continuations of appointment as Instructors Mayo Foundation without salary July 1, 1964 to June 30, 1965

Leonard A Aaro

Martin A Adson

Markham J Anderson, Jr

Maurice Barry, Jr

James A Bastron

Anthony J Bianco, Jr

E J Walter Bowie

Thomas L Brannick

E Omer Burgert, Jr

Harley C Carlson

D Thane Cody

Malcolm Y Colby, Jr

George D Davis

Edward F Daw

Brian Dawson

Robert A E Devloo

Edward P Didier

G Roy Diessner

Matthew B Divertie

Francis E Donoghue

Bruce E Douglass

Peter J Dyck

John A Dyer

Ralph D Ellefson

John E Faber

Richard H Ferguson

Robert S Fontana

Edward L Foss

Allen A Frethem

Stafford W Gedge

Emilo R Giuliani

Allan B Gould

Norbert O Hanson

Norman G Hepper

Paul E Hermans

Richard W Hill

David L Hoffman

Harry N Hoffman II

Norman W Hoover

Frank M Howard, Jr

Horace K Ivy

Carl E Johnson

William J Johnson

James D Jones

Robert R Jones

Gerald J Kavanaugh

Roger D Kempers

Joseph M Kiely

Venard R Kinney

Donald W Klass

Bruce A Kottke

Robert A Kyle

William R Laney

Donald D Layton, Jr

John C Lillie

Thaddeus J Litzow, Jr

George D Malkasian, Jr

Harold T Mankin

John T Martin

Maurice J Martin

James K Masson

William E Mayberry

John G Mayne

James B McBean

Douglas B McGill

Donald C McIlrath

James R McPherson
 Wallace A Merritt
 John D Michenfelder
 Emerson A Moffitt
 George W Morrow
 M Elizabeth Mussey
 Stewart L Nunn
 Philip J Osmundson
 Jaime Paris
 John A Paulson
 W Spencer Payne
 Jack L Pulec
 Don C Purnell
 Donald E Ralston
 Charles M Reeve
 Byron L Riggs
 John W Rosevear
 James V Ross, Jr
 A Howard Sather
 Leslie J Schoenfeld
 Richard E Sedlack
 Sheldon G Sheps

Murray N Silverstein
 Reginald A Smith
 Donald A Sones
 Robert J Spencer
 Ralph E Spiekerman
 Richard M Steinhilber
 George C Stilwell
 Harry A Swedlund
 Howard F Taswell
 Howard R Terry, Jr
 Juergen E Thomas
 Deloran L Thurber
 Jack L Titus
 David C Utz
 Martin Van Herik
 Louis D Vaughn
 Arthur G Waltz
 Richard E Weeks
 David M Witten
 John W Worthington, Jr
 Paul E Zollman

William J Price as Instructor Assistant to the Director Audio-Visual Extension Service June 1, 1964 to June 30, 1965 at the rate of \$9,000 Term A

Ronald L Pitzer continuation of appointment as Instructor Assistant Agricultural Extension Specialist Family Life Agricultural Extension Service June 16 to December 31, 1964 at \$2,178 Term CHT50 (\$8,040 A rate) and January 1 to March 31, 1965 at \$2,010 Term CT (\$8,040 A rate)

Robert A Maslansky continuation of appointment as Clinical Instructor Medicine Research Funds for 1964-65 at \$2,000 Term AHT25 (\$8,000 A rate)

Richard E Shope, Jr continuation of appointment as Instructor Veterinary Medicine and Clinics and Microbiology Research Funds July 1 to December 31, 1964 at \$5,000 Term CT (\$10,000 A rate)

Jane Self as Instructor Medicine Ancker Hospital Fellowships for 1964-65 at \$4,500 Term AHT50 (\$9,000 A rate)

William Silverman as Research Fellow Family Study Center for 1964-65 at \$2,500 Term BHX50 (\$5,000 B rate)

Luigi Taddeini as Research Fellow Medicine with salary paid directly by the United States Public Health Service July 1, 1964 to June 30, 1965

Richard M Condie continuation of appointment as Research Fellow Pediatrics Research Funds for 1964-65 at \$12,500 Term AT

Neil V Anderson continuation of appointment as Research Fellow Veterinary Medicine and Clinics with salary paid directly by the United States Public Health Service July 1, 1963 to June 30, 1965

Donald C Taylor as Research Fellow Agricultural Economics Research Funds July 1 to September 30, 1964 at \$1,667 Term CT (\$6,667 A rate)

Paul M Anderson as Research Fellow Biochemistry Institute of Agriculture Research Funds July 16-31, 1964 for 50% time and August 1-31, 1964 for 100% time at \$694 (\$6,667 A rate)

Gordon W Guillon continuation of appointment as Research Fellow Entomology Fisheries and Wildlife Research Funds July 1, 1964 to March 31, 1965 and June 1-30, 1965 and Instructor Entomology Fisheries and Wildlife April 1 to May 31, 1965 at \$7,536 Term CT (\$7,536 A rate)

Creighton T Shay as Research Fellow Anthropology Research Funds June 16-30, 1964 at \$259 for 100% time (\$6,216 A rate) and July 1 to September 15, 1964 for 100% time and September 16, 1964 to June 15, 1965 for 75% time at \$5,139 (\$6,667 A rate)

Cecelia E Sudia continuation of appointment as Research Fellow Sociology Research Funds June 16-30, 1964 at \$136 Term CHT50 (\$6,527 A rate)

On Matumura continuation of appointment as Research Fellow School of Chemistry Research Funds for 1964-65 at \$7,000 Term A (subject to availability of funds)

Gene H Nelson continuation of appointment as Research Fellow School of Physics Research Funds for 1964-65 at \$8,100 Term AT

Neal A Tuleen as Research Fellow Agronomy and Plant Genetics Research Funds for 1964-65 at \$6,667 Term AT

Robert G Daniel continuation of appointment as Research Fellow Biochemistry Research Funds July 1 to August 31, 1964 at \$1,190 Term CT (\$7,140 A rate)

William M Bugbee continuation of appointment as Research Fellow Plant Pathology and Physiology Research Funds June 1-30, 1964 at \$518 Term CT (\$6,216 A rate) and for 1964-65 at \$6,667 Term AT

Takio Iwamoto continuation of appointment as Research Fellow Pharmacology Research Funds July 1 to August 31, 1964 at \$833 Term CHT50 (\$10,000 A rate)

William W Trousdale as Research Fellow Psychiatry and Neurology Research Funds June 16-30, 1964 at \$138 Term CHT50 (\$6,600 A rate)

Ronald J Johnson continuation of appointment as Research Fellow Institute of Child Development Research Funds July 1 to August 31, 1964 at \$1,125 Term CT (\$6,750 A rate)

Donald B Siniff continuation of appointment as Research Fellow Museum of Natural History Research Funds June 16-30, 1964 at the rate of \$5,905 Term AHT95 (\$6,216 A rate) and for 1964-65 at \$6,333 Term AHT95 (\$6,667 A rate)

Rita M Akemann as Jackson County Assistant County Home Agent Instructor Agricultural Extension Service June 16, 1964 to June 30, 1965 at the rate of \$5,400 Term AT

Marie G Brehmer as Goodhue County Home Agent Instructor Agricultural Extension Service for 1964-65 at \$5,300 (\$4,360 University \$940 County) Term AH82

Glen R Chambers continuation of appointment as Wilkin County Agricultural Agent Assistant Professor Agricultural Extension Service for 1964-65 at \$8,150 (\$5,700 University \$2,450 County) Term AHX70

Linda R Clow continuation of appointment as Wilkin County Home Agent Instructor Agricultural Extension Service for 1964-65 at \$5,200 (\$4,650 University \$550 County) Term AH89

Denzil D Cooper as Wilkin County Assistant County Agricultural Agent Instructor Agricultural Extension Service July 20, 1964 to June 30, 1965 at the rate of \$5,900 (\$5,300 University \$600 County) Term AH90

Mervin L Freeman continuation of appointment as Assistant Agricultural Extension Specialist Farm Management Agricultural Extension Service for 1964-65 at \$2,904 Term AHT50 (\$5,808 A rate)

Sandra S Johnson continuation of appointment as Marshall County Home Agent Instructor Agricultural Extension Service for 1964-65 at \$5,600 (\$4,850 University \$750 County) Term AHX87

Gloria A Kaul as Redwood County Assistant County Home Agent Instructor Agricultural Extension Service June 16-30, 1964 at the rate of \$4,800 Term AT and as Rock County Home Agent Instructor for 1964-65 at \$5,300 (\$4,700 University \$600 County) Term AH89

Mae B Kersting continuation of appointment as Mahnommen County Assistant County Extension Agent Agricultural Extension Service for 1964-65 at \$5,550 Term A

Marvin C Lee continuation of appointment as Wabasha County Assistant County Agricultural Agent Instructor Agricultural Extension Service for 1964-65 at \$5,800 (\$5,125 University \$675 County) Term AH88

Raymond J Newell continuation of appointment as Lyon County Agricultural Agent Assistant Professor Agricultural Extension Service for 1964-65 at \$9,000 (\$5,775 University \$3,225 County) Term AHX64

George Schwartz continuation of appointment as Assistant Agricultural Extension Specialist Visual Aids Agricultural Extension Service for 1964-65 at \$3,833 Term AHT66 (\$5,808 A rate)

Dennis D Seefeldt as West Otter Tail County Soil Conservation Agent Instructor Agricultural Extension Service June 1, 1964 to June 30, 1965 at the rate of \$6,500 Term A

Marilyn R Smisek as Steele County Assistant County Home Agent Instructor Agricultural Extension Service June 16, 1964 to June 30, 1965 at the rate of \$5,400 (\$4,650 University \$750 County) Term AHT86

Sharon L Swanson continuation of appointment as Norman County Home Agent Instructor Agricultural Extension Service for 1964-65 at \$5,200 (\$4,600 University \$600 County) Term AH88

Michael T Hardie as Teaching Associate General College for 1964-65 at \$3,200 Term BH66

The following as Teaching Associates for 1964-65 at \$2,400 Term BH50

Donald L Gustafson	Electrical Engineering
Paul O Sontag	School of Mathematics
Barton J Cooper	School of Physics
Carol G Horvei	Physical Education for Women
Edward G Victor	Accounting

The following as Teaching Assistants for 1964-65

Administration College of Liberal Arts

	Annual Salary	Term
Leon D Coleman	\$2,200	BH50
Mary K Corrigan	2,200	BH50
Maurice K Dorton	2,200	BH50
William P Edwards	2,200	BH50
Philip A Korh	2,200	BH50
Allen M Richman	2,200	BH50
Sarah B Shaw	2,200	BH50
Gilbert A Zins	2,200	BH50

Botany

Astrid L Anderson	2,200	BHX50
Charles L Argue	2,200	BHX50
Dennis T Disrud	2,200	BHX50
Ronald H Hofstetter	2,200	BHX50
Clifford R Wikel	2,200	BHX50

Classics

Susan G Cole	1,100	BHX25
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Geography

John S Adams	2,200	BH50
George R Figy	2,200	BHX50
William G Loy	2,200	BH50
James M Richtik	2,200	BH50

<i>German</i>	Annual Salary	Term
Leslie MacEwen	2,200	BH50
William E Oylor, Jr	2,200	BH50
<i>History</i>		
John W Armstrong	2,200	BH50
Frank F Conlon	2,200	BH50
Donald J Dietrich	2,200	BH50
Joseph L Dubbert	2,200	BH50
Ian C Gamson	2,200	BH50
David A Horowitz	2,200	BH50
Elizabeth M Katz	2,200	BH50
Michael J Kopp	2,200	BH50
James N Leonard	2,200	BH50
Herbert S Levine	2,200	BH50
John L Nussbaum	2,200	BH50
Robert L Saloway	1,100	BH25
Luis Torres	2,200	BH50
<i>Political Science</i>		
Bradlee Karan	2,200	BH50
<i>Psychology</i>		
Ann R Cornog	2,200	BH50
<i>Romance Languages</i>		
John T Booker	2,200	BH50
Carlota S Brack	2,200	BH50
William L Felker	2,200	BH50
Barry S Spector	1,466	BH33
Ina J Strong	2,200	BH50
Mary Jo A Thomas	2,200	BH50
<i>Sociology</i>		
Charlotte Wolf	1,100	BHX25
<i>Zoology</i>		
Leon W Browder	2,200	BH50
Ernest B Brown III	2,200	BH50
Roger H Erickson	2,200	BH50
Dale W Fishbeck	2,200	BH50
Ruth M Nunamaker	1,100	BH25
Karen H Summers	1,100	BH25
Patricia A Thomasson	2,200	BH50
<i>Aeronautics and Engineering Mechanics</i>		
James B Baeker	2,200	BH50
Lawrence J Libhardt	2,200	BH50

<i>Civil Engineering</i>		
William C Arons	2,200	BH50
Lane H Bacon	2,200	BH50
Thomas R Wagemaker	2,200	BH50
<i>Electrical Engineering</i>		
Leroy O Braun	2,200	BH50
Robert J Burns	2,200	BH50
Dennis J Finn	2,200	BH50
David F Groebner	2,200	BH50
David J Oja	2,200	BH50
Merlin E Scharfe	2,200	BH50
Joel A Zellmer	2,200	BH50
<i>School of Chemistry</i>		
Kenneth D MacKay	2,200	BH50
Victor C Nelson	2,200	BH50
<i>School of Physics</i>		
Randall E Bach	2,200	BH50
Richard E Beedle, Jr	2,200	BH50
James G Bradley	2,200	BH50
Frank Geretz	2,200	BH50
<i>Anatomy</i>		
Herbert D Bodley	1,320	BH30
Virgil D Hoftiezer	1,320	BH30
Wayne V Moore	1,320	BH30
<i>College of Pharmacy</i>		
John D Barbknecht	1,100	BH25
Sharon K Fuller	2,200	BH50
Betty M O'Grady	2,200	BH50
Harold C Seim	2,200	BH50
Henry W Winship III	2,200	BH50
<i>Physical Education for Women</i>		
Barbara DeWall	2,200	BH50
<i>School of Business Administration</i>		
Robert F Hartley	1,100	BH25
Ming Te Lu	2,200	BH50
Herman S Pertler	2,200	BH50
Eldon G Roalson	1,100	BH25
Carole A Russell	2,200	BH50
Richard E Sells	2,200	BH50
Donald M Sullivan	2,200	BH50
William T Zier	1,100	BH25

Jerome D Oster as Teaching Assistant Geography for the fall and winter quarters of 1964-65 at \$1,467 Term CH50

Orville F Peterson as Teaching Assistant Geography for the fall quarter of 1964-65 at \$733 Term CHX50

Rolan E Anderson as Teaching Assistant Agronomy and Plant Genetics July 1, 1964 to March 31, 1965 at \$2,200 Term CH50

David E Maschwitz as Teaching Assistant Entomology Fisheries and Wildlife for 1964-65 at \$2,933 Term AH50

Nabil F Bissada as Teaching Assistant School of Dentistry June 16-30, 1964 at \$61 Term CH25

Kip B Jentoft as Teaching Assistant School of Dentistry June 16-30, 1964 at the rate of \$1,742 Term AH30 and for 1964-65 at \$1,760 Term AH30

Johan F Sohlberg as Teaching Assistant School of Dentistry June 16-30, 1964 at \$145 Term CH60

The following as Teaching Assistants School of Dentistry for 25% time without salary July 1, 1964 to June 30, 1965

Carl L Bandt
George Fischer
Willis B Irons

Frederick Peagler
Eric E Stafne

Ronald L Phillips as Research Assistant Agronomy and Plant Genetics Research Funds for 1964-65 at \$2,904 Term AHT50 and Teaching Assistant Agronomy and Plant Genetics Research Funds for 1964-65 at \$1,467 Term AHT25 and as Non-service Fellow Caleb Dorr Fellowship September 16, 1964 to June 15, 1965 at \$500

Ronald W Barrett as Research Assistant Entomology Fisheries and Wildlife Research Funds July 1 to September 15, 1964 at \$605 Term CHT50 and as Teaching Assistant Entomology Fisheries and Wildlife for 1964-65 at \$2,200 Term BH50

James E Stahl as Research Assistant Entomology Fisheries and Wildlife Research Funds July 1 to September 15, 1964 at \$605 Term CHT50 and as Teaching Assistant Entomology Fisheries and Wildlife for 1964-65 at \$2,200 Term BH50

George W Rehm as Research Assistant Soil Science Research Funds July 1 to September 15, 1964 at \$605 Term CHT50

Rajnikant S Gandhi as Research Assistant Family Study Center July 1 to September 15, 1964 at \$605 Term CHX50

Marcus L Winter as Research Assistant Agricultural Economics July 1 to September 30, 1964 at \$1,452 Term CT

Zwi Eyal as Research Assistant Surgery and Research Funds for 1964-65 at \$2,600 Term AH44

Thomas E Carroll as Research Assistant Industrial Relations Center for 1964-65 at \$2,178 Term BH50

Mary A Eininger continuation of appointment as Research Assistant Institute of Child Development Research Funds May 16 to June 15, 1964 at \$242 Term CHT50

Harbans H Singh as Research Assistant Hormel Institute for 1964-65 at \$5,808 Term ATX

The following as Research Assistants Agricultural Economics Research Funds July 1 to September 30, 1964 at \$1,452 Term CT

Dean T Chen
Rachel Dardis
Alexander F McCalla

Marlen F Miller
Kyaw Myint
Fritz-Arno Purrmann

Geoffrey Ferster as Research Assistant Agricultural Economics Research Funds July 1 to September 15, 1964 at \$1,210 Term CT

Dale O Solum as Research Assistant Agricultural Economics Research Funds July 1 to September 15, 1964 at \$1,210 Term CT

The following as Research Assistants Agricultural Economics Research Funds July 1 to September 30, 1964 and June 16-30, 1965 at the rate of \$5,808 Term AT and October 1, 1964 to June 15, 1965 at the rate of \$1,936 Term AHT33

John R Black
John C English

Carson K Wu

The following as Research Assistants Agricultural Economics Research Funds July 1 to September 30, 1964 and June 16-30, 1965 at the rate of \$5,808 Term AT and October 1, 1964 to June 15, 1965 at the rate of \$2,904 Term AHT50

Gordon W Erlandson
James W Gruebele
J William Hanlon
Ronald D Knutson

Robert R Lansford
Jitendar S Mann
Tommy E Snider
Herman J Van Wersch

The following as Research Assistants Agronomy and Plant Genetics Research Funds for 1964-65 at \$2,904 Term AHT50

Robert J Baker
Charles H Cuykendall
Chester L Goodrich

Jerry L Strohm
Thomas A Yungbluth

Robert L Warner as Research Assistant Agronomy and Plant Genetics Research Funds July 1 to December 31, 1964 at \$1,452 Term CHT50

Virgilio R Carangal as Research Assistant Agronomy and Plant Genetics Research Funds for 1964-65 at \$4,356 Term AHT75

Philip A Boyazoglu as Research Assistant Animal Husbandry Research Funds July 1 to August 31, 1964 at \$386 Term CHT40

Robert L Cliplef as Research Assistant Animal Husbandry Research Funds for 1964-65 at \$2,904 Term AHT50

Salah A Osman as Research Assistant Animal Husbandry Research Funds July 1 to December 31, 1964 at \$1,452 Term CHT50

Bhanu P Singh as Research Assistant Animal Husbandry Research Funds July 1 to September 30, 1964 at \$726 Term CHT50

Myron E Tumbleson as Research Assistant Animal Husbandry Research Funds for 1964-65 at \$2,904 Term AHT50

Bonnie M Hohn as Research Assistant Entomology Fisheries and Wildlife Research Funds for 1964-65 at \$1,452 Term AHT25

Leonard F Lampert as Research Assistant Biochemistry Institute of Agriculture Research Funds July 1 to December 31, 1964 at \$1,452 Term CHT50

Donald A Mills as Research Assistant Biochemistry Institute of Agriculture Research Funds for 1964-65 at \$2,904 Term AHT50

Mark O J Olson as Research Assistant Biochemistry Institute of Agriculture Research Funds for 1964-65 at \$2,904 Term AHT50

Nancy I Phillips as Research Assistant Biochemistry Institute of Agriculture Research Funds July 1 to December 31, 1964 at \$1,452 Term CHT50

Murtatha K Al-Hakim as Research Assistant Dairy Husbandry Research Funds for 1964-65 at \$2,904 Term AHT50

Harvey W Mohrenweiser as Research Assistant Dairy Husbandry Research Funds for 1964-65 at \$2,904 Term AHT50

John J Peterka as Research Assistant Entomology Fisheries and Wildlife Research Funds July 1-31, 1964 at \$484 Term CT

Jane A Moorhouse as Research Assistant School of Home Economics Research Funds for 1964-65 at \$2,178 Term BHT50

Mary Kay Pearson as Research Assistant School of Home Economics Research Funds for 1964-65 at \$2,178 Term BHT50

Edgardo C F Quisumbing as Research Assistant Horticultural Science Research Funds May 18 to June 30, 1964 at the rate of \$2,904 Term AHT50

Kantilal Patel as Research Assistant Plant Pathology and Physiology Research Funds for 1964-65 at \$1,000 Term AHT17

Leif Sundheim as Research Assistant Plant Pathology and Physiology Research Funds for 1964-65 at \$2,904 Term AHT50

Robert C Fitzsimmons as Research Assistant Poultry Science Research Funds for 1964-65 at \$4,937 Term AHT85

Dalmon M Larson as Research Assistant Poultry Science Research Funds for 1964-65 at \$2,904 Term AHT50

Premanand V Wagh as Research Assistant Poultry Science Research Funds for 1964-65 at \$2,904 Term AHT50

Kent Day as Research Assistant Anthropology Research Funds for 1964-65 at \$2,178 Term BHT50

Gerald J Strei continuation of appointment as Research Assistant English Research Funds June 16-30, 1964 at \$242 Term CX

Charles J Russell, Jr as Research Assistant Zoology Research Funds June 16-30, 1964 at \$242 Term CT

Rangarajan Srinivasagopalan as Research Assistant Electrical Engineering Research Funds for 1964-65 at \$2,904 Term AHT50

The following as Research Assistants School of Physics Research Funds for 1964-65 at \$2,396 Term BHT55

Clark Bergman

David M Brudnoy

Leonard Burlaga

Thomas G Dzubay

Frederick C Gillett

Gerald W Gilstad

David J Hofmann

Ramanathan Jambunathan

Sharad R Kane

James F Morgan

Jonathan F Ormes

Theodore J Pepin

James M Rosen

Donald M Sawyer, Jr

Wayne W Sukow

Tycho Tor von Rosenvinge

Michael A Weed

David C Weisser

Umeshwar D Mishra as Research Assistant Mineral and Metallurgical Engineering Research Funds July 1 to September 15, 1964 at the rate of \$5,808 Term AT and September 16, 1964 to June 30, 1965 at the rate of \$2,904 Term AHT50

George B Graen as Research Assistant Agricultural Economics Research Funds July 1 to September 30, 1964 and June 16-30, 1965 at the rate of \$5,808 Term AT and October 1, 1964 to June 15, 1965 at the rate of \$4,298 Term AHT74

Barbara J McCandless as Research Assistant Agricultural Economics Research Funds July 1 to September 30, 1964 at \$1,452 Term CT

The following as Research Assistant Agronomy and Plant Genetics Research Funds for 1964-65 at \$2,904 Term AHT50

Lyle E Craker

Helmy K G Ghobrial

Leonard L H Pinkas

William I Young

Erwin R Brooks as Research Assistant Agronomy and Plant Genetics Research Funds for 1964-65 at \$4,298 Term AHT74

Fa-Ten Kao as Research Assistant Agronomy and Plant Genetics Research Funds July 1 to August 31, 1964 at \$968 Term CT and September 1, 1964 to March 31, 1965 at \$1,694 Term CHT50

Kshounish Ch Nag as Research Assistant Agronomy and Plant Genetics Research Funds for 1964-65 at \$1,452 Term AHT25

Philip P Osterli as Research Assistant Agronomy and Plant Genetics Research Funds July 1 to September 15, 1964 at the rate of \$5,808 Term AT and September 16, 1964 to June 30, 1965 at the rate of \$2,904 Term AHT50

Roy E Stafford as Research Assistant Agronomy and Plant Genetics Research Funds for 1964-65 at \$4,356 Term AHT75

Gary R Stringam as Research Assistant Agronomy and Plant Genetics Research Funds for 1964-65 at \$4,356 Term AHT75

Basil Diamantis as Research Assistant Animal Husbandry Research Funds for 1964-65 at \$2,904 Term AHT50

Soontaraporn Ratanadilok Na Puket as Research Assistant Animal Husbandry Research Funds for 1964-65 at \$2,904 Term AHT50

Madho Singh as Research Assistant Animal Husbandry Research Funds for 1964-65 at \$3,194 Term AHT55

Li-pen Chao as Research Assistant Biochemistry Institute of Agriculture Research Funds for 1964-65 at \$2,904 Term AHT50

Chung Yau Ng as Research Assistant Biochemistry Institute of Agriculture Research Funds July 1 to August 31, 1964 at \$484 Term CHT50

Bernard J Conlin as Research Assistant Dairy Husbandry Research Funds for 1964-65 at \$2,904 Term AHT50

William D Davidson as Research Assistant Dairy Husbandry Research Funds for 1964-65 at \$2,904 Term AHT50

Laura E Evans as Research Assistant Dairy Husbandry Research Funds July 1 to August 31, 1964 at \$726 Term CHT75

Robert B Brander as Research Assistant Entomology Fisheries and Wildlife Research Funds for 1964-65 at \$2,904 Term AHT50

Theodore B Bailey, Jr as Research Assistant Horticultural Science Research Funds May 18 to June 30, 1964 at the rate of \$2,904 Term AHT50

Kenneth E Bohnenblust as Research Assistant Plant Pathology and Physiology Research Funds July 1 to October 31, 1964 at \$968 Term CHT50

Kenneth E Dunkelgod as Research Assistant Poultry Science Research Funds July 1 to November 30, 1964 at \$1,815 Term CHT75

LaVerne M Krista as Research Assistant Poultry Science Research Funds July 1 to November 30, 1964 at \$1,210 Term CHT50

Harlan R Finney as Research Assistant Soil Science Research Funds for 1964-65 at \$3,369 Term AHT58 and as Non-service Fellow Caleb Dorr Fellowship for 1964-65 at \$500 Term BT

Edwin C Seim as Research Assistant Soil Science Research Funds July 1 to August 31, 1964 at the rate of \$4,356 Term AHT75 and September 1, 1964 to June 30, 1965 at the rate of \$2,904 Term AHT50

Glen C Magnuson as Research Assistant Agronomy and Plant Genetics Research Funds July 1 to August 15, 1964 at the rate of \$4,356 Term AHT75 and August 16, 1964 to June 30, 1965 at the rate of \$2,904 Term AHT50

Rajarama P Upadhyaya as Research Assistant Agronomy and Plant Genetics Research Funds for 1964-65 at \$2,904 Term AHT50 and as Non-service Fellow Caleb Dorr Fellowship for 1964-65 at \$500 Term B

Mary Lou Mobberley as Research Assistant Medicine Research Funds for 1964-65 at \$5,000 Term AHT86

Myron A Levine as Research Assistant Pediatrics Research Funds for 1964-65 at \$4,356 Term AHT75

Philip M Marden as Research Assistant Pediatrics Research Funds for 1964-65 at \$4,356 Term AHT75

Stephen B Pakula as Research Assistant Pediatrics Research Funds for 1964-65 at \$4,356 Term AHT75

Anant S Kulkarni as Research Assistant Pharmacology Research Funds for 1964-65 at \$4,400 Term AHT76

Hari P Singh as Research Assistant Pharmacology Research Funds for 1964-65 at \$3,824 Term AHT66

Ami Barzilai as Research Assistant Surgery Research Funds August 1, 1964 to June 30, 1965 at \$2,844 Term CHT48

Amos S Deinard as Research Assistant Pediatrics Research Funds for 1964-65 at \$4,356 Term AHT75

Joanne Protheroe as Research Assistant Special Education Research Funds July 1 to August 22, 1964 at \$424 Term CHT50 and September 1, 1964 to June 30, 1965 at \$1,210 Term CHT25

Beatrice H Tolppi as Research Assistant Special Education Research Funds June 16-30, 1964 at \$131 Term CHT75

John C Moulton as Research Assistant Museum of Natural History Research Funds July 1-15, 1964 at \$121 Term CHT50

Donald C Fair as Administrative Fellow Office of the Dean of Students Student Counseling Bureau June 1-30, 1964 at the rate of \$4,356 Term AH75

William M Shaffer as Administrative Fellow School of Journalism for 1964-65 at \$2,200 Term BH50

Janet Wright as Clinical Fellow Office of the Dean of Students Student Counseling Bureau for 1964-65 at \$2,933 Term AH50

Franklin D Loffer, Jr as Clinical Fellow Obstetrics and Gynecology with salary paid directly by the American Cancer Society Incorporated July 1, 1964 to June 30, 1965 and as Medical Fellow Specialist Cancer Detection Center for 1964-65 at \$2,000 Term AH34

The following as Clinical Preceptors School of Public Health Division of Hospital Administration without salary July 1, 1964 to June 30, 1965

Sister Mary Madonna Ashton	Roger R Starn
Bright M Dornblaser	Richard W Trenkner
Alexander Harmon	Russell B Williams
Matthew F McNulty, Jr	Paul D Youngdahl

Darlene D Martenson as Medical Fellow Specialist Medicine for 1964-65 at \$4,500 plus tuition and fees Term AT

Edward S Peterka as Medical Fellow Specialist Medicine for 1964-65 at \$4,500 plus tuition and fees Term AT

Boleslav Starzecki as Medical Fellow Medicine with salary paid directly by the United States Public Health Service July 1, 1964 to June 30, 1965

Thomas R Arlander as Medical Fellow Specialist Pathology for 1964-65 at \$4,000 plus tuition and fees Term A

Jules R Fuglestad as Medical Fellow Specialist Pathology for 1964-65 at \$4,200 plus tuition and fees Term A

Ilhan Imamoglu as Medical Fellow Specialist Pathology for 1964-65 at \$4,600 plus tuition and fees Term A

The following as Medical Fellow Specialists Pediatrics for 1964-65 at \$4,500 plus tuition and fees Term AT

Stanford Kwock Wah Au	David A Cimino
Richard A Chilgren	Eric J Eisenklam

Henry Ridders as Medical Fellow Specialist Pediatrics July 1 to December 31, 1964 at \$3,250 plus tuition and fees Term CT (\$6,500 plus tuition and fees A rate)

Claude Grondin as Medical Fellow Specialist Surgery for 1964-65 at \$3,600 plus tuition and fees Term A

Felix Largiader as Medical Fellow Specialist Surgery for 1964-65 at \$3,000 plus tuition and fees Term AH95 (\$3,150 plus tuition and fees A rate)

Charles A Murray III as Medical Fellow Specialist Surgery for 1964-65 at \$3,600 plus tuition and fees Term A

Richard C Orahood as Medical Fellow Specialist Surgery for 1964-65 at \$3,600 plus tuition and fees Term A

Alberto Aranibar-Zerpa as Medical Fellow Specialist Psychiatry and Neurology without salary July 1, 1964 to June 30, 1965

Bernard Lemieux as Medical Fellow Specialist Psychiatry and Neurology without salary July 1, 1964 to June 30, 1965

Albert Clarysse as Medical Fellow Specialist Medicine Research Funds July 1 to December 31, 1964 at \$2,028 plus tuition and fees Term CT (\$4,056 plus tuition and fees A rate)

David C Lees as Medical Fellow Specialist Obstetrics and Gynecology Hennepin County General Hospital Fellowships July 1 to August 31, 1964 at \$917 plus tuition and fees Term CT (\$5,500 plus tuition and fees A rate)

Kenneth G Reeb as Medical Fellow Specialist Pediatrics Ancker Hospital Fellowships for 1964-65 at \$4,500 plus tuition and fees Term AT

Barton D Schmitt as Medical Fellow Specialist Pediatrics Ancker Hospital Fellowships for 1964-65 at \$4,500 plus tuition and fees Term A

The following as Medical Fellow Specialist Pediatrics Hennepin County General Hospital for 1964-65 at \$4,500 plus tuition and fees Term AT

Albert P Fischer, Jr
Stanley D Johnsen

Lawrence A Lockman

John S Mitchell as Medical Fellow Specialist Pediatrics Hennepin County General Hospital July 1 to October 31, 1964 at \$1,500 plus tuition and fees Term CT (\$4,500 plus tuition and fees A rate)

Rodney N Powell as Medical Fellow Specialist Pediatrics St Paul Children's Hospital for 1964-65 at \$4,500 plus tuition and fees Term AT

Henry Buchwald as Medical Fellow Specialist Surgery with salary paid directly by Helen Hay Whitney Fund July 1, 1964 to June 30, 1965 and \$444 for tuition and fees Surgery Research Funds

Alan S Bensman as Medical Fellow Specialist Physical Medicine and Rehabilitation Research Funds for 1964-65 at \$5,250 plus tuition and fees Term AT

The following as Medical Fellows Medicine for 1964-65 at \$3,150 plus tuition and fees Term AT

Arie W B Dieperink
Richard S Kronenberg

Martin G White

Gerald J Goldenberg as Medical Fellow Medicine without salary July 1, 1964 to June 30, 1965

Robert H Scott as Medical Fellow Medicine with salary paid directly by Hennepin County General Hospital July 1, 1964 to June 30, 1965

Fred L Shapiro as Medical Fellow Medicine with salary paid directly by Hennepin County General Hospital July 1, 1964 to June 30, 1965

Arthur H L From as Medical Fellow Medicine with salary paid directly by Miller Hospital July 1, 1964 to June 30, 1965

Paul F Engstrom as Medical Fellow Medicine with salary paid directly by Veterans Administration Hospital July 1, 1964 to December 31, 1964

The following as Medical Fellows Medicine with salary paid directly by Veterans Administration Hospital July 1, 1964 to June 30, 1965

David W Anderson
Bruce J Bart
John A Elstrom
Elizabeth M Haaland
Kamal M Jain
Mohammed Y Khan

Morton C Knazan
Francis E Lambert
Jerrold V Larson
Pierre R Sterlin
David J Strang

Robert B Howe as Medical Fellow Medicine with salary paid directly by the United States Public Health Service July 1 to December 31, 1964

Robert E Olson as Medical Fellow Medicine with salary paid directly by the United States Public Health Service July 1, 1964 to June 30, 1965

Jack L Reddin as Medical Fellow Medicine with salary paid directly by the United States Public Health Service July 1, 1964 to June 30, 1965

Richard P Bendel as Medical Fellow Obstetrics and Gynecology for 1964-65 at \$3,150 plus tuition and fees Term AT

Stephen J Berestka as Medical Fellow Obstetrics and Gynecology for 1964-65 at \$3,150 plus tuition and fees Term AT

Barclay M Cram as Medical Fellow Otolaryngology with salary paid directly by the Veterans Administration Hospital July 1, 1964 to June 30, 1965

The following as Medical Fellows Surgery for 1964-65 at \$3,150 plus tuition and fees Term A

Donald L Erickson
Lawrence D Hildebrand
James H House
Suk-Kyung Koh

Donlin M Long
Richard W Neumann
Luis F Urdaneta

Gerald W Koos as Medical Fellow Surgery July 1 to December 31, 1964 at \$1,575 plus tuition and fees Term C and with salary paid directly by Hennepin County General Hospital January 1 to June 30, 1965

David M Long, Jr as Medical Fellow Surgery with salary paid directly by the Minnesota Heart Association July 1, 1964 to June 30, 1965

The following as Medical Fellows Surgery with salary paid directly by the United States Public Health Service July 1, 1964 to June 30, 1965

Ronald H Dietzman
Raymond C Doberneck

James W LaFave

The following as Medical Fellows Surgery with salary paid directly by Veterans Administration Hospital July 1, 1964 to June 30, 1965

Roland C Birkebak
John P Dittrich
David J Dunlap
Orland D Eliason
Allan J Hartzell
John G Heisel
John Hoskins
Dwight E Jaeger
Lyle O Johnson
Aivar I Kalnins
David P Larson
John E McMahan, Jr

Clark O Olsen
Alton J Olson
Floyd Overby
Rodney Peterson
Frank T Pilney
Ronald C Rudy
John P Savaryn
Sheldon J Segal
Ki Taek Song
Peter V Teal
John A Wilson

Lawrence H A Gold as Medical Fellow Radiology for 1964-65 at \$3,150 plus tuition and fees Term A

David L Moody as Medical Fellow Radiology for 1964-65 at \$3,150 plus tuition and fees Term A

The following as Medical Fellows Radiology Research Funds for 1964-65 at \$3,150 plus tuition and fees Term A

Paul A Baumann
Glen G Cramer
James E Finstad

Joseph M Gilson
John C Kelly

Larry P Elliott as Medical Fellow Radiology with salary paid directly by Miller Hospital July 1, 1964 to June 30, 1965

Henry D Knudsen as Medical Fellow Radiology with salary paid directly by the Veterans Administration Hospital July 1, 1964 to June 30, 1965

The following as Medical Fellows Anesthesiology with salary paid directly by the Veterans Administration Hospital July 1, 1964 to June 30, 1965

Donald J Destache	William McGovern
Richard L Engwall	Donald A Stenzel
John P Gilles	Mien Fa Tchou

The following as Medical Fellows University of Minnesota Hospitals for 1964-65 at \$3,150 plus tuition and fees Term A

Joseph C Belshe	Massoud Shahidi
Barbara W Gokcen	James J Shea
Donald B Hulteng	Claude R Swayze
John R Scharf	

The following as Medical Fellows Medicine Ancker Hospital Fellowships for 1964-65 at \$3,150 plus tuition and fees Term AT

Shean-ming Liu	Alec M Sloane
Jose Rodrigo Medina	

Aurelio Chau as Medical Fellow Surgery Research Funds for 1964-65 at \$3,150 plus tuition and fees Term A

The following as Medical Fellows Surgery Ancker Hospital Fellowships for 1964-65 at \$3,150 plus tuition and fees Term AT

Jose R Barata	Philip J Keizer
Robert J W Blanchard	Carl R McKinley
Charles W Hauser	Ramon P Mendiola, Jr
Nasser Javadpour	Thomas G Ochsner
Rouhollah Kadivar	

Robert J Campaigne as Medical Fellow Surgery Mt Sinai Hospital Fellowship April 1, 1964 to June 30, 1965 at the rate of \$3,150 plus tuition and fees Term AT

Joao M DoVale as Medical Fellow Surgery Mt Sinai Hospital Fellowships for 1964-65 at \$3,150 plus tuition and fees Term AT

The following as Medical Fellows Anesthesiology Ancker Hospital Fellowships for 1964-65 at \$3,150 plus tuition and fees Term AT

Donald K Johnston	Argia H Moussa
Rosalind Moses	

Ralph S Hoover as Medical Fellow Anesthesiology Gillette Hospital Fellowships for 1964-65 at \$3,150 plus tuition and fees Term AT

Patrick J Scanlan as Medical Fellow Anesthesiology Gillette Hospital Fellowships for 1964-65 at \$3,150 plus tuition and fees Term AT

Royal W Delany, Jr as Medical Fellow Anesthesiology Hennepin County General Hospital Fellowships for 1964-65 at \$3,150 plus tuition and fees Term AT

Dennis M Eckholm as Dental Fellow School of Dentistry July 1 to December 31, 1964 at \$1,797 Term C

James F Kline as Dental Fellow School of Dentistry July 1 to December 31, 1964 at \$1,797 Term C

James C Gay as Non-service Fellow American Iron and Steel Institute Fellowship School of Mineral and Metallurgical Engineering for 1964-65 at \$3,000 Term AT

Roy A Johnson as Non-service Fellow Esso Research and Engineering Company Fellowship School of Chemistry September 16, 1964 to January 31, 1965 at \$1,200

Edward L Mutsch as Non-service Fellow Esso Research and Engineering Company Fellowship School of Chemistry September 16, 1964 to January 31, 1965 at \$1,000

Mahmoud M Abdel-Monen as Non-service Fellow Samuel W Melendy Memorial Fellowship College of Pharmacy June 16-30, 1964 at \$100

The following as Interns University of Minnesota Hospitals for 1964-65 at \$2,496 Term A

Willard E Andrews	Charles C Leighton
John C Aust	Arthur S Levine
Robert J Bache	Robert H McLean
Robert F Beller	Donald Minervini
Edward B Blau	Bernard L Mirkin
Ronald S Bloom	Allan W Moberg
Robert N Clark	John C Mueller
James E DeMeules	Donald W Oines
Claude V DeShazo	Dennis S O'Leary
Peggy Ann Domstad	Michael B Pliam
John H Dossett	Anthony A Rizzo
Burton A Dudding II	Kermit L Roux, Jr
George A Falk	George A Sarosi
Alan D Forker	Thomas C Shope
Patrick F Golden	J Gilbert Stone
Henry M Hawkins, Jr	Louis H Weiland
Jay M Hoppenstein	John P Whitecar, Jr
John R Hoyer	Richard S Wittner
Stephen B Hulley	Michael L Wolk
Stephen A Kramer	

The following as Dietetic Interns University of Minnesota Hospitals July 1 to September 18, 1964 at \$79 Term CT

Beryl A Bevan	Edna C Walker
Frances M Doring	Jocelyn V Walter
Adele L Klawitter	

Amelia B Afable as Dietetic Intern University of Minnesota Hospitals July 1, 1964 to February 7, 1965 at \$217 Term CT

Alice L Chelquist as Dietetic Intern University of Minnesota Hospitals July 1 to December 31, 1964 at \$180 Term CT

Rosalina B Lozano as Dietetic Intern University of Minnesota Hospitals July 1, 1964 to February 7, 1965 at \$217 Term CT

Marcel L Aleckson as Accountant Business Office for 1964-65 at \$5,400 Term A

Lois O Atkinson as Principal Cashier Business Office June 1-30, 1964 at the rate of \$4,800 Term A

Otto J Palmer as Accountant Business Office for 1964-65 at \$5,400 Term A

Jeanne E Lussenhop as Senior Clerk Office of Civil Service Personnel May 25, 1964 to June 30, 1965 at the rate of \$3,372 Term A

Penny B Stone continuation of appointment as Clerk-Typist Office of Civil Service Personnel for 1964-65 at \$2,880 Term A

Barbara J Teig continuation of appointment as Transcribing Machine Operator Office of Civil Service Personnel for 1964-65 at \$3,000 Term A

Robert J Cabak continuation of appointment as Computer Programmer Trainee Data Processing Center for 1964-65 at \$6,312 Term A

Bernard Robins continuation of appointment as Tabulating Equipment Operator Data Processing Center for 1964-65 at \$4,440 Term AX

Darlene A Jahr as Clerk-Typist Office of the Dean of Students Student Housing Bureau June 1, 1964 to June 30, 1965 at the rate of \$2,880 Term A

Barbara A Nyhus continuation of appointment as Clerk-Typist Office of the Dean of Students Student Counseling Bureau for 1964-65 at \$2,880 Term A

Vijaya Shetty as Senior Clerk-Typist Office of the Dean of Students Speech and Hearing Clinic for 1964-65 at \$3,504 Term AX

Virginia L Clyde continuation of appointment as Clerk Office of Admissions and Records for 1964-65 at \$2,772 Term A

Kay C Michalicek as Clerk Office of Admissions and Records for 1964-65 at \$2,772 Term A

Alice A Rudduck as Clerk Office of Admissions and Records June 4, 1964 to June 30, 1965 at the rate of \$2,772 Term A

Mary J Williams as Clerk-Typist Office of Admissions and Records May 19, 1964 to June 30, 1965 at the rate of \$2,880 Term A

Francis J Gernandt continuation of appointment as Patrolman Department of Police for 1964-65 at \$5,616 Term A

Marlyse Allen continuation of appointment as Clerk-Typist Zoology for 1964-65 at \$2,880 Term A

David M Wetterlind as Laboratory Machinist Chemical Engineering for 1964-65 at \$5,616 Term A

Karen B Getting as Senior Secretary School of Physics May 25, 1964 to June 30, 1965 at the rate of \$3,948 Term A

Sharon K Keyser as Clerk-Typist School of Physics June 1, 1964 to June 30, 1965 at the rate of \$2,880 Term A

Kathleen J Kelly as Assistant Editor Trainee Information and Agricultural Journalism Institute of Agriculture June 15, 1964 to June 30, 1965 at the rate of \$4,620 Term A

Ethan C Allen as Senior Laboratory Attendant Entomology Fisheries and Wildlife for 1964-65 at \$4,440 Term A

Gladys M Maxson continuation of appointment as Principal Secretary Soil Science for 1964-65 at \$4,272 Term A

Elaine A Martin as Clerk-Stenographer Biochemistry College of Medical Sciences June 15, 1964 to June 30, 1965 at the rate of \$3,120 Term A

Frances E Nilsson as Senior Clerk Law School June 16, 1964 to June 30, 1965 at the rate of \$3,372 Term A

Diane K Swenson as Clerk-Typist Administration College of Education June 8, 1964 to June 30, 1965 at the rate of \$2,880 Term A

The following as Hospital Orderlies University of Minnesota Hospitals for 1964-65 at \$3,504 Term A

Donald B Lenes
James McKnight

Arthur F Meincke
Roy Pearson

The following as Hospital Aides University of Minnesota Hospitals for 1964-65 at \$3,372 Term A

Judith A Annett
Judith K Ask
Eileen S Carlson
Joyce E Carlson
Iva M Cohoon
Katherine L Couture
LaVange R Crowley
Frances C Dale
Judith C Doty
June M Fandry
Susan Folk
Lindsay A Forsberg
Constance R Garvin
Sandra J Gertzen
Sandra J Gilmer

Celia D Harshman
Jean M Hedman
Sandra M Hillman
Delores G Huber
Delores M Kennedy
Dorothy K Koskela
Miriam E Kragness
Geraldine M Langin
Bonnie L Lewis
Henrietta I Miller
Sandra K Olson
Sandra M Olson
Elaine D Overgaard
Barbara J Pouliot
Margaret J Reinke

Nancy E Sammis
 Carol A Sitarz
 Diana J Soderberg
 Carol T TeGantvoort

Paulette S Thibault
 Nancy J Trett
 Valerie G Walton

The following as Hospital Aides University of Minnesota Hospitals for 1964-65 at \$3,120 Term A

Alyce E Anderson	Patricia L Enger
Violet A Boll	Gay E Robb
Constance M Dahle	

The following in the University of Minnesota Hospitals for 1964-65 Term A

		Annual Salary
Waltraud S Balz	Nursing Station Assistant	\$3,240
Florence H Folk	Food Service Worker	3,000
Hazel G Lewin	Medical Records Typist	3,792
Jeannine M McGregor	Nursing Station Assistant	3,372
Catherine M McNery	Nursing Station Assistant	3,372
Susan J Nystrom	Medical Records Typist	3,792
Shirley L Orth	Administrative Laboratory Technologist	6,072
Richard S Rog	Heart Lung Oxygenator Operator	5,196
Arlene Sanders	Hospital Aide	3,792
Nancy J Tilbury	Practical Nurse	4,104
Nathaniel Wilson	Hospital Orderly	3,372

The following continuations of appointment in the University of Minnesota Hospitals for 1964-65

		Annual Salary	Term
Tillie C Baker	Assistant Cook	\$3,648	AT
Ruth Ann Breezee	Senior Clerk-Typist	3,504	AT
Ethel Endersbe	Assistant Cook	3,648	AT
Elmars Grotins	Senior X-ray Technician	5,400	AT
Olga Karstais	Hospital Aide	3,792	AX
Barbara E Levine	X-ray Technician	4,104	ATX
Linda L Moore	Student Technologist Supervisor	5,844	AT
Dale A Nordstrom	Hospital Orderly	3,372	AX
Esther B Thorson	Food Service Worker	2,880	A
Virginia Tombers	Senior Secretary	4,992	ATL

Barbara E Levine as X-ray Technician University of Minnesota Hospitals June 1, 1964 to June 30, 1965 at the rate of \$4,104 Term ATX

The following in the University of Minnesota Hospitals June 1, 1964 to June 30, 1965

		Annual Salary	Term
Linda R Berge	Hospital Aide	\$3,120	A
Rebecca A Boyer	Senior Laboratory Technician	4,104	AT
JoAnn M Gaige	Senior Laboratory Technician	4,104	A
Judith O Nelson	Senior Clerk	3,504	A
Ellen M Olson	Senior Clerk-Typist	3,504	A
Irene L Pleas	Hospital Aide	3,372	AT

Regina Cable as Pharmacist University of Minnesota Hospitals May 20, 1964 to June 30, 1965 at the rate of \$7,104 Term A

Agatha Eklund as Head Hospital Nurse University of Minnesota Hospitals for 1964-65 at \$6,828 Term AL

Arlene Hakel as Senior Clerk-Typist University of Minnesota Hospitals May 25, 1964 to June 30, 1965 at the rate of \$3,504 Term AT

Madeline Harris as Assistant Cook University of Minnesota Hospitals May 25, 1964 to June 30, 1965 at the rate of \$3,000 Term AT

Corinne M Holt as Clerk-Typist University of Minnesota Hospitals May 27, 1964 to June 30, 1965 at the rate of \$2,880 Term A

Emma E Johnson as Food Service Worker University of Minnesota Hospitals May 25 to June 30, 1964 at the rate of \$2,880 Term AT and for 1964-65 without change in salary rate Term A

Mary A Maas as Hospital Aide University of Minnesota Hospitals May 11 to June 30, 1964 at the rate of \$3,240 Term AT

Sherod L Miller as Senior Social Worker University of Minnesota Hospitals May 7, 1964 to June 30, 1965 at the rate of \$6,828 Term AT

Mary Ann Olson as General Staff Nurse University of Minnesota Hospitals May 18 to June 30, 1964 at the rate of \$4,800 Term A and for 1964-65 at \$4,992 Term A

Corliss D Pederson as Clerk University of Minnesota Hospitals June 8-30, 1964 at the rate of \$2,772 Term AT and for 1964-65 without change in salary rate Term A

Marlene Rosenberger as General Staff Nurse University of Minnesota Hospitals May 17 to June 30, 1964 at the rate of \$4,800 Term A and for 1964-65 at \$4,992 Term A

Karen K Sherrard as Secretary University of Minnesota Hospitals for 1964-65 at \$3,792 Term AT

Jacqueline A Simpson as Senior Clerk-Typist University of Minnesota Hospitals May 29, 1964 to June 30, 1965 at the rate of \$3,504 Term A

Margaret K Thompson as Principal Clerk Department of Radio and Television May 18 to June 15, 1964 at the rate of \$4,272 Term A (terminated)

Arlene E Johnson as Secretary Industrial Relations Center June 1, 1964 to June 30, 1965 at the rate of \$3,648 Term A

Randi P Royce as Senior Clerk Dairy Production Records June 1, 1964 to June 30, 1965 at the rate of \$3,372 Term A

Robert A DeYoung continuation of appointment as Library Assistant Library July 1, 1964 to June 30, 1965 at \$2,136 Term CH50 (\$4,272 A rate)

Ruth C Kelly continuation of appointment as Junior Librarian Trainee Library for 1964-65 at \$4,800 Term A

Mary Jane Johnson continuation of appointment as Clerk-Typist Agricultural Economics Research Funds for 1964-65 at \$2,880 Term AT

John E Hybbert continuation of appointment as Assistant Experimental Plot Supervisor Agronomy and Plant Genetics Research Funds for 1964-65 at \$3,792 Term AT

Janet Y LeClair continuation of appointment as Senior Clerk-Typist Agronomy and Plant Genetics Research Funds for 1964-65 at \$3,504 Term AT

Franklin L Bunnell continuation of appointment as Senior Laborer Animal Husbandry Research Funds for 1964-65 at \$4,620 Term AT

John Ippel continuation of appointment as Senior Laborer Animal Husbandry Research Funds for 1964-65 at \$4,620 Term AT

James C Walker continuation of appointment as Senior Laborer Animal Husbandry Research Funds for 1964-65 at \$3,792 Term AT

Russell B Williamson continuation of appointment as Senior Laborer Dairy Husbandry Research Funds for 1964-65 at \$4,620 Term AT

Alpheus S Beeney continuation of appointment as Assistant Herdsman Poultry Science Research Funds for 1964-65 at \$4,992 Term AT

Janet K Drusch continuation of appointment as Clerk-Typist Rural Sociology Research Funds for 1964-65 at \$2,880 Term AT

Dale E Jarvis as Electronics Mechanic Trainee The Hormel Institute June 4-30, 1964 at the rate of \$4,992 Term A

Lorraine A Burke as Principal Secretary Plant Services June 1-30, 1964 at the rate of \$4,272 Term A

Edward J Ehlenz continuation of appointment as Engineer Plant Services for 1964-65 at \$9,012 Term A

Ludwig J Maday continuation of appointment as Construction Superintendent Plant Services for 1964-65 at \$9,744 Term AL

Jack L Rice continuation of appointment as Senior Engineer Plant Services for 1964-65 at \$10,128 Term A

Marie S Balega continuation of appointment as Food Service Worker Coffman Union Food Service for 1964-65 at \$2,160 Term AH75 (\$2,880 A rate)

Ruby E Sundahl continuation of appointment as Assistant Cook Coffman Union Food Service for 1964-65 at \$3,000 Term A

Barbara L Anderson continuation of appointment as Clerk-Typist Como Avenue and Grove East Housing Project for 1964-65 at \$2,880 Term A

Gayle C Sandburg continuation of appointment as Clerk-Typist Student Unions—Coffman Memorial Union for 1964-65 at \$2,880 Term A

Ortance J Nelson continuation of appointment as Food Service Worker Mayo Memorial Hospital Gift Shop and Fountain for 1964-65 at \$2,880 Term AT

Charles T Helgeson continuation of appointment as Senior Accountant Student Organizations Finance Office for 1964-65 at \$6,312 Term A

Donald C Christopherson continuation of appointment as Central Duplicating Services Supervisor Central Duplicating and Addressograph Service for 1964-65 at \$6,072 Term A

Marilyn M Miller as Senior Clerk-Typist Audio-Visual Education Service May 25, 1964 to June 30, 1965 at the rate of \$3,504 Term A

Rolland F Kruckow continuation of appointment as General Mechanic Plant Services for 1964-65 at \$4,620 Term AX

Gymetta L Oliver continuation of appointment as Key Punch Operator Agricultural Experiment Station May 18, 1964 to June 30, 1965 at the rate of \$3,240 Term AT

Judith N Waxlax as Laboratory Technologist Zoology Research Funds June 8, 1964 to June 30, 1965 at the rate of \$5,196 Term AT

Jung S Rno as Senior Laboratory Technician Trainee School of Physics Research Funds May 15 to September 30, 1964 at \$1,382 Term CTX (\$3,648 A rate)

Michael R Coscio, Jr continuation of appointment as Assistant Scientist Geology and Geophysics Research Funds July 1, 1964 to May 31, 1965 at \$6,030 Term CT (\$6,564 A rate)

Joseph Neubauer continuation of appointment as Assistant Scientist Agronomy and Plant Genetics Research Funds July 1 to September 30, 1964 at \$1,641 Term CT (\$6,564 A rate)

Gary L Daggett continuation of appointment as Laboratory Attendant Dairy Husbandry Research Funds for 1964-65 at \$2,772 Term AT

David J Zopfi as Senior Laboratory Attendant Administration College of Medical Sciences Research Funds May 18, 1964 to June 30, 1965 at the rate of \$3,948 Term AT

William D Biessener continuation of appointment as Assistant Scientist Medicine Research Funds for 1964-65 at \$6,564 Term AT

Alfred S Pullens continuation of appointment as Laboratory Animal Attendant Medicine Research Funds July 1 to October 31, 1964 at \$1,480 Term CT (\$4,440 A rate)

Michio Shimizu continuation of appointment as Laboratory Attendant Pathology Research Funds for 1964-65 at \$1,500 Term AHT50 (\$3,000 A rate)

Mary R Buechele continuation of appointment as Laboratory Technician Pediatrics Research Funds July 1, 1964 to February 28, 1965 at \$2,160 Term CT (\$3,240 A rate)

Agnes M Opstad continuation of appointment as Junior Scientist Pediatrics Research Funds April 1 to June 30, 1965 at \$1,704 Term CT (\$6,828 A rate)

Joyce S Welcome continuation of appointment as Laboratory Technologist Pediatrics Research Funds for 1964-65 at \$5,196 Term AT

Lynda B Brooks continuation of appointment as Senior Laboratory Technician Pharmacology Research Funds for 1964-65 at \$4,104 Term AT

Sallie D Cahill continuation of appointment as Senior Laboratory Technician Pharmacology Research Funds for 1964-65 at \$4,104 Term AT

Sheila Q Ham continuation of appointment as Junior Scientist Pharmacology Research Funds for 1964-65 at \$5,616 Term AT

Robert J Mathews continuation of appointment as Junior Scientist Pharmacology Research Funds for 1964-65 at \$5,616 Term AT

Robert E Cleveland as Senior Laboratory Technician Pharmacology Research Funds June 8, 1964 to June 30, 1965 at the rate of \$4,104 Term AT

Thomas M Burton continuation of appointment as Laboratory Technologist School of Public Health Laboratory of Physiological Hygiene Research Funds for 1964-65 at \$5,196 Term AT

Diane E Hasz as Laboratory Technician School of Public Health Research Funds May 22, 1964 to March 31, 1965 at \$2,781 Term CT (\$3,240 A rate)

Linda Minor as Clerk-Typist School of Public Health Research Funds May 11, 1964 to June 30, 1965 at the rate of \$2,880 Term AT

Sandra Rondeau continuation of appointment as Senior Clerk-Typist School of Public Health Laboratory of Physiological Hygiene Research Funds for 1964-65 at \$3,792 Term AT

Gerald A Baumann continuation of appointment as Laboratory Animal Attendant Surgery Research Funds July 1 to December 31, 1964 at \$1,896 Term CT (\$3,792 A rate)

May V Collin as Junior Scientist Surgery Research Funds May 11, 1964 to April 30, 1965 at \$5,934 Term CT (\$6,072 A rate)

Robert L Kaster as Senior Engineer Surgery Research Funds July 1 to November 30, 1964 at \$3,610 Term CT (\$8,664 A rate)

Clarence R Nelson continuation of appointment as Laboratory Animal Attendant Surgery Research Funds July 1 to September 30, 1964 at \$1,110 Term CT (\$4,440 A rate)

Laurie J Reinhart continuation of appointment as Junior Scientist Surgery Research Funds July 1 to December 31, 1964 at \$2,808 Term CT (\$5,616 A rate)

Susan F Coolidge as Chemist Physical Medicine and Rehabilitation Research Funds May 26, 1964 to June 30, 1965 at the rate of \$5,616 Term AT

Mary Mooney continuation of appointment as Laboratory Technologist Veterinary Medicine and Clinics Research Funds May 16 to June 30, 1964 at \$650 Term CT (\$5,196 A rate)

Gretchen M Arlick continuation of appointment as Secretary Law School Training Center for Delinquency Prevention and Control for 1964-65 at \$3,648 Term AT

Vivian E Phillips continuation of appointment as Laboratory Technologist Dight Institute July 1, 1964 to April 30, 1965 at \$5,260 Term CT (\$6,312 A rate)

The following as recipients of Alpha Zeta Traveling Scholarships of \$75 each for 1964 College of Agriculture Forestry and Home Economics

Dennis H Berry
George H Copa
Duane R Dykhuizen

Ronald H Schmidt
Larry J Wipf

Robert A Mueller as recipient of an American Cancer Society Predoctoral Research Scholarship of \$3,400 July 1, 1964 to June 30, 1965 Pharmacology

Nils R Forsen as recipient of an American Medical Education Scholarship of \$7 June 2-30, 1964 Medicine

James E Miller as recipient of a Bend-Southall-McBratnie Company Scholarship of \$105 June 21-30, 1964 College of Liberal Arts

Richard B Langer as recipient of a Borden Undergraduate Research Award in Medicine of \$500 June 10, 1964

Nancy Holland as recipient of an Otto Bremer Foundation Scholarship of \$200 June 1 to July 15, 1964 College of Liberal Arts

Michael A Lee as recipient of a William Jennings Bryan Prize of \$25 June 18, 1964 Political Science

Bart S Cuderman as recipient of a Rollin E Cutts Prize of \$25 June 3, 1964 Surgery

Dennis P Bradley as recipient of a Caleb Dorr College Prize in the form of a book for 1963-64 College of Agriculture Forestry and Home Economics

Elsie Farmer and Zona O Johnson as recipients of Duluth Campus American Legion Auxiliary Scholarships of \$250 each June 15 to July 18, 1964

The following as recipients of Duluth Campus Art Guild Scholarships of \$70.50 each June 15 to July 18, 1964

Rodger C Hansen
Walter E Hyleck

Joyce E Nordstrand
Floyd L Udenberg

Carl Gawboy and William L Kendall as recipients of Duluth Campus Art Institute Scholarships of \$70.50 each June 15 to July 18, 1964

Cleo Birkholtz and Lloyd J Korhonen as recipients of Duluth Campus Mary Bowne Awards of \$30 each March 30 to June 13, 1964

Kay A Joranger as recipient of an Allen W Edson Award of \$22.20 September 23, 1963 to June 13, 1964 Morris

Thomas M Johnson as recipient of an Evans Foundation Scholarship of \$70.50 June 18, 1964 College of Liberal Arts

Donald D Dommer as recipient of a Flour City Architectural Education Scholarship of \$200 June 3, 1964

Ward J Barrett as recipient of a Ford Foundation United States-Latin American Exchange Program Fellowship of \$4,172 June 16 to September 15, 1964 and December 16, 1964 to March 15, 1965 Geography

Walter W Klein as recipient of a Ford Foundation United States-Latin American Faculty Exchange Program Fellowship of \$1,350 June 16 to September 15, 1964 Political Science

Raymond B Nixon as recipient of a Ford Foundation United States-Latin American Faculty Exchange Program Fellowship of \$7,820 July 1, 1964 to March 15, 1965 School of Journalism

Robert N Pierce as recipient of a Ford Foundation United States-Latin American Faculty Exchange Program Fellowship of \$900 June 16 to September 15, 1964 School of Journalism

Joseph Berhan as recipient of a Foreign Student Emergency Aid and Scholarship of \$710.92 June 16 to July 20, 1964 Institute of Technology

The following as recipients of Foreign Student Emergency Aid and Scholarships June 9 to August 22, 1964

		Amount
Ben Agborbesong	College of Agriculture Forestry and Home Economics	\$710.92
John R Khasenyé	College of Liberal Arts	710.92
Simon Kihohia	College of Liberal Arts	694.92
Teferi Messeret	College of Liberal Arts	710.92
Micah Tsomondo	College of Liberal Arts	694.92

Timon Bondo as recipient of a Foreign Student Emergency Aid and Scholarship of \$120 May 27 to June 30, 1964 College of Agriculture Forestry and Home Economics

Mario Nzuwah as recipient of a Foreign Student Emergency Aid and Scholarship of \$928.25 June 2-30, 1964 College of Liberal Arts

George Obong as recipient of a Foreign Student Emergency Aid and Scholarship of \$100 June 1-30, 1964 College of Liberal Arts

The following as recipients of French Government Scholarships June 15 to July 20, 1964

		Amount
Barry J Kive	College of Education	\$25.00
Martin Kuelbs	College of Liberal Arts	25.00
Rosemary Kuennen		75.00
Kathleen A Murphy	College of Education	75.00
Sandra C Speller	University College	25.00
Nancy Usan	College of Education	75.00

Peter J Schmitt as recipient of a Fund for the Advancement of Education Fellowship of \$3,500 June 16, 1964 to June 15, 1965 American Studies

Harold W Linder as recipient of a Geology Service Fund Fellowship of \$100 June 4, 1964

M Alan Rogers as recipient of a Geology Service Fund Fellowship of \$150 June 1, 1964

The following as recipients of Graduate School Tuition Scholarships for the first term Summer Session of 1964

Ronald Ablor	Geography
John W Briggs	History
Milton D Hakel, Jr	Industrial Psychology
Gordon S Howard	Speech and Theatre Arts
Sharon J Rogers	Political Science
Laverne A Svanoe	Educational Psychology
Michele A Swanson	English

David G Doren as recipient of a Graduate School Tuition Scholarship March 16 to June 15, 1964 Psychology

Allen D Flint as recipient of a Graduate School Doctoral Fellowship of \$250 June 24, 1964 American Studies

Frank J Garosi as recipient of a Graduate School Doctoral Fellowship of \$100 June 25, 1964 History

Raymond N Habiby as recipient of a Graduate School Doctoral Fellowship of \$400 June 10, 1964 International Relations

Robert L Melka as recipient of a Graduate School Doctoral Fellowship of \$300 June 10, 1964 History

Kenneth J Meyer as recipient of a Graduate School Doctoral Fellowship of \$140 June 10, 1964 American Studies

Richard C Rudisell as recipient of a Graduate School Doctoral Fellowship of \$400 June 26, 1964 American Studies

Henry Scholberg as recipient of a Hill Foundation Grant for Studies in South Asia of \$4,500 May 29, 1964

The following as recipients of Howard W Lyon Foundation Scholarships March 30 to June 12, 1964 Duluth

	Amount
Bonnie A Cusick	\$75
Walter E Hyleck	50
John L Severtson	50
William E Shipley	20
John W Swanstrom	25
Olli I Vasa	30

Pramila Menon as recipient of a Julia Marshall Scholarship of \$60 June 18-30, 1964 Graduate School

Robert I Hustrulid as recipient of a McQuarrie Pediatrics Fellowship of \$900 June 22 to September 22, 1964 College of Medical Sciences

Robert E Anderson and Thomas R Reagan as recipients of Medical Student Research Fellowships of \$1,000 each June 10, 1964

The following as recipients of Minneapolis Gas Company Prizes of \$170 each June 10, 1964

Robert C Egge
Antone C Nelessen

William E Roesner

The following as recipients of Minnesota Council for Education in Politics Fellowships of \$200 each June 15 to September 1, 1964 Duluth

R Barkley Berquist
Rhoda Bjelland
Dwight Burlingame
Roger Christianson
Louise Eidsmoe
Robert Erickson
Karen Eystad
David G Gatewood
Larry K Houk
Mary E Lange
Todd Lawson

Jerie McArthur
Martha Murphy
Bernell Myrum
Harry A Sieben, Jr
Robert Stanich
David Twa
Thomas Waite
Theresa Wallace
Glen R Walters
Agnes M Winkler

Sheldon L Schreiber as recipient of a Minnesota Council for Education in Politics Fellowship of \$500 June 15 to September 1, 1964 Economics

The following as recipients of Minnesota Council for Education in Politics Fellowships of \$700 June 15 to September 1, 1964

Winston W Borden
Steven R Chandler

John A Rude
Alan W Weinblatt

The following as recipients of National Aeronautics and Space Administration Fellowships June 16, 1964 to June 15, 1965

		Amount
David T Grimsrud	School of Physics	\$3,400
Elmer O Schlemper	School of Chemistry	3,400
Truman D Turnquist	School of Chemistry	3,000

Douglas R White as recipient of a National Science Foundation Cooperative Graduate Fellowship of \$600 June 16 to September 15, 1964 Anthropology

Lawrence H Smolowitz as recipient of a National Science Foundation Cooperative Graduate Fellowship of \$200 June 16 to July 15, 1964 Mathematics

The following as recipients of National Science Foundation Undergraduate Participation Program Scholarships of \$600 each June 16 to August 31, 1964

James P Licari
Douglas P Munson

Larry E Wittig

John R Chuchel as recipient of a National Science Foundation Cooperative Graduate Fellowship of \$2,100 June 15, 1964 to March 14, 1965 Mathematics

The following as recipients of National Science Foundation Summer Institute in Radiation Biology Scholarships of \$450 each June 15 to July 25, 1964 Veterinary Surgery and Radiology

Raymond C Babb	Carl R Moede
Emily S Carter	Varnell M Norman
Raymond P Ciagne	John N Pitzen
Obiediah Clark	Lelan C Russell
Dennis L Danger	Phillip R Shelp
Clifford B Dueholm	Wilma W Stone
Ronald P Frans	John H Strand
Roger W Hahn	Robert E Teschendorf
Kent A Hinshaw	Steven J Thompson
Samuel C Lovaas	Patricia A Wiegand

The following as recipients of National Science Foundation Research Participation Program Fellowships of \$600 each June 15 to August 24, 1964 Biochemistry Institute of Agriculture

Robert P Christeck	Joanne M Olson
Terrence L Eggerichs	Timothy E Tully
Eugene O Hoxtell	Paul T Wicklund
George S Johnson	

The following as recipients of National Science Foundation Undergraduate Sciences Education Psychology Fellowships of \$600 each June 15 to August 21, 1964 Psychology

Kathleen Anderson	John Kleinbaum
Lynn K Brown	Diane Kunz
Douglas Davis	Theodore J Rosen
David Holden	William M Ryan

The following as recipients of National Science Foundation Undergraduate Science Education Program Chemical Engineering Grants-in-Aid of \$600 each June 15 to September 15, 1964

Daniel A Barberree	Bruce V Korblick
David T Buzzelli	John R Kraska
Jerome V Connoy	John A Peterson
Robert C Francis	Ove D Wangensteen
Donald V Julian	

Frances Baucom as recipient of an Occupational Therapy Club Scholarship of \$35 June 2-30, 1964

Charles H Blomquist as recipient of the Olson Memorial Fellowship of \$5,000 May 15, 1964 to May 14, 1965 Biochemistry College of Medical Sciences

Dennis M Thompson as recipient of a Patterson Fellowship of \$600 June 16 to September 15, 1964 School of Dentistry

Patrick A Finney as recipient of a George William Patton Memorial Scholarship of \$300 June 4 to July 15, 1964 College of Liberal Arts

The following as recipients of Peavey Freshman-Sophomore Debate Contest Awards June 23, 1964 College of Liberal Arts

		Amount
Barbara E Berg	First Place Winner	\$30
Sherrill D Hooker	First Place Winner	30
Jim W Chesebro	Second Place Winner	20

Twylla J Rothi as recipient of a Phi Upsilon Omicron Scholarship of \$150 for 1964-65 College of Agriculture Forestry and Home Economics

The following as recipients of Project English Fellowships June 16 to July 18, 1964 University High School

	Amount
Hubert A Anderson	\$675
Paul C Bellin	675
Myron A Bietz	600
Annette N Dahl	525
Sister M Thomas Egan	375
Duane A Eide	450
Martha J Ferguson	450
Beverly M Hansen	375
Linda L Hanson	375
Donald H Hegg	525
Karen M Hess	450
Muriel M Korfhage	375
Ronnell Laitinen	300
James E Lucas	600
Nancy A McCabe	375
Herbert E Murphy	675
Phillip J Nielsen	600
Paul W Noreen, Jr	675
Jean L Olson	525
Mary A Olson	375
David L Pates	375
Yvonne M Petroskey	375
Robert C Pierce	600

Roger A Michalski as recipient of a Reserve Mining Company Educational Opportunity Program Scholarship of \$100 June 15 to July 20, 1964 Institute of Technology

Kenneth C Wolfgram as recipient of a Rilco Laminated Products Agricultural Engineering Scholarship of \$2.55 June 1-30, 1964 Agricultural Engineering

Irene S Bailey as recipient of a Maurice L Rothschild Scholarship of \$134 June 16 to July 20, 1964 Accounting

The following as recipients of SPAN Scholarships of \$100 each May 29 to June 30, 1964

Deborah Bixby	College of Liberal Arts
Stanley W Connell	College of Liberal Arts
Sandra DeMore	College of Liberal Arts
Michael Lambert	College of Liberal Arts
Joan Lavick	College of Liberal Arts
Rose Lawrence	College of Liberal Arts
Elizabeth Merry	College of Liberal Arts
Michael J Murphy	College of Liberal Arts
Molly Nelson	College of Education
Carol Sinks	College of Liberal Arts

Carol Ann Fehr as recipient of a St Paul Campus Faculty Women's Club Scholarship of \$200 for 1964-65 College of Agriculture Forestry and Home Economics

The following as recipients of St Paul Children's Hospital Fellowships in Pediatrics of \$644 each July 1, 1964 to June 30, 1965

Amos S Deinard	Stephen B Pakula
Myron A Levine	William A Walker
Phillip M Marden	

Patricia L Campion as recipient of a Freda Kantor Memorial Scholarship in Nursing of \$300 May 22, 1964 to March 20, 1965

The following as recipients of School of Dentistry Fellowships June 16 to September 15, 1964

	Amount
Jerry K Brunson	\$800
Gary D Lunstad	800
Dennis M Thompson	200

The following as recipients of Seeing Eye Incorporated Scholarships June 15 to July 18, 1964 Special Education

	Amount
Elaine W Carroll	\$ 75
Beverly Ann Chyrstal	150
Frances E Felber	75
Willie Felts	150
Nancy Garrity	150
John Gillen	75
Edeltraut Mauerhofer	150
Rosemary O'Brien	150
William Pfeiffer	150
Alice P Weizsaecker	75

Dennis A Heinze as recipient of a Smith-Douglass Company Inc Scholarship of \$200 for 1964-65 College of Agriculture Forestry and Home Economics

June A Carlson and Douglas J Johnson as recipients of Stephen H Somsen Scholarships of \$50 each June 4, 1964 Duluth

Cartrell Cooper as recipient of a Special Education Scholarship of \$200 for the first and second terms Summer Session of 1964-65 Duluth

Betty Ann Dahl as recipient of a Special Education Scholarship of \$200 for the first and second terms Summer Session of 1964 Graduate School Duluth

Beulah B Franks and Phil B Shattuck as recipients of Special Education Scholarships of \$100 each for the first term Summer Session of 1964-65 Graduate School Duluth

Sandra Kahan as recipient of a Special Education Scholarship of \$255 June 16 to December 15, 1964 College of Education Duluth

Glen R Schulte as recipient of a Tozer Foundation Graduate Scholarship of \$1,000 June 15, 1964 to June 30, 1965 English

The following as recipients of Tozer Foundation Graduate Scholarships June 15 to August 20, 1964

	Amount
James D Arnquist	\$500
Ernesto E Moreno	400
Harvey F Windels	500

The following as recipients of Tozer Foundation Graduate School Scholarships June 1-30, 1964

	Amount
John P Campbell	\$500
Edwin E Felien	500
Karl A Keller	500
John H Ness	400
Ralph E Packard, Jr	500
Dale W Peterson	500
Wayne W Sorenson	500

Karen L Schoeller as recipient of a Tozer Foundation Undergraduate Scholarship of \$500 June 5 to December 20, 1964 College of Liberal Arts

Naomi B Zabrok as recipient of a Tozer Foundation Undergraduate Scholarship of \$200 June 5 to December 20, 1964 College of Liberal Arts

William G Boyce as recipient of an Alice Lyon Tweed Tuohy Charitable Foundation Scholarship of \$650 July 1 to August 22, 1964 Duluth
 Todd P Davidson and Richard C Kline as recipients of Twin City Association of Purchasing Agents Scholarships of \$250 each September 1963 to June 1964 Graduate School

Gilbert A Zins as recipient of a Twin City Association of Purchasing Agents Scholarship of \$250 June 1, 1964 School of Business Administration

Cathy A Waslien as recipient of a Twin City Home Economists in Homemaking Scholarship of \$200 for 1964-65 College of Agriculture Forestry and Home Economics

Daniel W Chorzempa as recipient of a Walter H Ude Memorial Scholarship of \$400 June 15 to August 20, 1964 Music

Judith E McDaniel and Judith Ann Wold as recipients of United Cerebral Palsy Scholarships of \$183 each September 1963 to June 1964 Physical Medicine and Rehabilitation

The following as recipients of United States Office of Education Counseling Institute Scholarships June 15 to July 24, 1964 Educational Psychology

	Amount
Wayne R Bengtson	\$540
Dixie Berry	450
Rodney P Brannon	810
Wanda J Cooksey	540
Clem Z Covertson	810
Harold L Crosgrove	630
Richard E Dustin	630
Marlon W Gerould	810
Roger B Glaim	810
Byron N Golie	630
Richard A Granum	630
Esther D Harms	450
Mary T Helwig	450
Elnora T Huyck	450
Joyce T Jackson	450
Wendell L Jahnke	720
Orall B Johnson	540
Wallace F Johnson	810
Fred K Kaiser	720
Ronald S Kaiser	450
Darwin A Kelley	720
William J Koski	810
LaPrelle Martin	450
Mark E McCartan	810
Charlotte Oldenburg	450
Ralph E Pearson	990
Mayme S Preston	450
Lewis H Schoening	630
Rex E Shaffer	900
Gordon W Thillman	990

Ellen S Berscheid as recipient of a United States Public Health Service Predoctoral Fellowship of \$2,000 June 16, 1964 to June 15, 1965 Psychology

Cynthia G Jensen as recipient of a United States Public Health Service Predoctoral Fellowship of \$2,700 June 8, 1964 to June 7, 1965 Zoology

Danforth G Bodien as recipient of a United States Public Health Service Graduate Training Program in Sanitary Engineering Grant of \$500 June 16 to August 15, 1964 Civil Engineering

Charles R Bowman recipient of a United States Public Health Service Graduate Training Program in Sanitary Engineering Grant to receive \$479.17 less than original amount April 1 to July 18, 1964

The following as recipients of United States Public Health Service Training Program in Anatomical Sciences Scholarships June 16 to September 15, 1964 Anatomy

	Amount
Wendell W Boone	\$ 862.50
Caroline M A Czarnecki	750.00
Stanley L Erlandson	744.99
Virgil D Hoftiezer	700.02
Gordon J Lester	649.88
James R Morehead	1,037.49
James W Nettleton	649.98
Lois M Neukirch	825.00
Donald W Robertson	1,050.00
Frank Saccoman	1,212.48
Michael Schweisthal	1,012.50
Thomas F Ujhytil	649.98
Mary R Whitmore	924.99
Henry M Yoshihara	750.00

The following as recipients of United States Public Health Service Training for Research in Diabetes Scholarships June 16 to September 15, 1964 Anatomy

	Amount
Richard F Erpelding	\$900.00
Hugo F Gustafson	900.00
Dennis R Jacobson	900.00
Bronwen J Magraw	600.00
Gary H Myers	900.00
Ronald C Myrom	900.00
Josephine H Price	600.00
Carol A Quest	600.00
Joseph L Rigatuso	949.98
W A Sorum	900.00

Dean E Abrahamson as recipient of a United States Public Health Service Training for Research in Diabetes Scholarship of \$885.42 July 1 to September 15, 1964 Anatomy

Terrill C Olsen as recipient of a United States Public Health Service Training for Research in Diabetes Scholarship of \$1,800 June 16 to December 15, 1964 Anatomy

David R Kvistberg as recipient of a United States Public Health Service Training for Research in Diabetes Fellowship of \$7,500 July 1, 1964 to June 30, 1965 Anatomy

Janet M Hauser and Bernard M Murray as recipients of United States Public Health Service Training Grants in Microbiology of \$2,904 each July 1, 1964 to June 30, 1965

Douglas E Lorenz as recipient of a United States Public Health Service Research Training Grant in Microbiology of \$591.66 June 1-30, 1964

Terry C Johnson as recipient of a United States Public Health Service Training in Medical Microbiology Research Fellowship of \$976 July 1 to August 31, 1964

Beulah M Holmes recipient of a United States Public Health Service Training in Medical Microbiology Research Fellowship to receive a supplement of \$581.04 July 1, 1964 to June 30, 1965

Thomas E Miller recipient of a United States Public Health Service Training in Medical Microbiology Research Fellowship to receive a supplement of \$1,000 July 1, 1964 to June 30, 1965

The following as recipients of Graduate Training Grants in Arthritis and Metabolic Diseases of \$900 each June 16 to September 15, 1964

Robert C Dierks
Michael J Ogg

Michael D Weiner

Mark R Eckman as recipient of a United States Public Health Service Training Grant in Diabetes of \$900 June 15 to September 15, 1964 Medicine

Paul F Engstrom as recipient of a United States Public Health Service Cancer Research Training Program in Internal Medicine Fellowship of \$2,000 plus tuition and fees July 1 to December 31, 1964

James A Flueck as recipient of a United States Public Health Service Training in Hematology Fellowship of \$900 June 15 to September 15, 1964 Medicine

Vincent L Fromke as recipient of a United States Public Health Service Training Program in Hematology Fellowship of \$7,500 plus tuition and fees July 1, 1964 to June 30, 1965 Medicine

Robert B Howe as recipient of a United States Public Health Service Training Program in Hematology Fellowship of \$3,250 plus tuition and fees July 1 to December 31, 1964 Medicine

James N Karnegis recipient of a United States Public Health Service Cardiovascular Training Grant to receive a supplement of \$125.01 April 1 to June 30, 1964 Medicine

Saemundur Kjartansson as recipient of a Graduate Training Grant in Arthritis and Metabolic Diseases of \$5,850 July 1, 1964 to June 30, 1965 College of Medical Sciences

Thomas E Leet as recipient of a United States Public Health Service Allergy and Immunology Fellowship of \$900 June 15 to September 11, 1964 Medicine

Edward S Peterka as recipient of a Graduate Training Grant in Arthritis and Metabolic Diseases of \$4,500 July 1, 1964 to June 30, 1965 Medicine

William W Rodman as recipient of a United States Public Health Service Training in Arthritis and Rheumatology Fellowship of \$900 July 1 to September 30, 1964 Medicine

Luigi Taddeini as recipient of a United States Public Health Service Training Program in Hematology Fellowship of \$7,000 plus tuition and fees July 1, 1964 to June 30, 1965 Medicine

Andre J Nelson and Paul Roschen as recipients of United States Public Health Service Otolaryngology Training Grants of \$600 each July 1 to August 31, 1964

The following as recipients of United States Public Health Service Otolaryngology Training Grants July 1, 1964 to June 30, 1965

	Amount
Phillip Affleck	\$4,900
David J Buran	5,300
Richard B Carley	1,500
John V Dickson	1,500
Thomas A Stengl	1,900
Nathaniel L Sparrow	1,900

David I Friedman as recipient of a United States Public Health Service Training in Clinical Cardiology Fellowship of \$4,354.13 June 16, 1964 to March 31, 1965 Pediatrics

Henry S Sauls as recipient of a United States Public Health Service Training in Research Pediatrics Fellowship of \$9,000 June 16, 1964 to June 15, 1965

Franklin H Top as recipient of a United States Public Health Service Training in Research Pediatrics Fellowship of \$8,000 July 1, 1964 to June 30, 1965

Theodore E Gram as recipient of a United States Public Health Service Graduate Training Grant of \$1,950 July 1 to December 31, 1964 Pharmacology

The following as recipients of United States Public Health Service Graduate Training Grants July 1, 1964 to June 30, 1965 Pharmacology

	Amount
Lawrence W Chakrin	\$3,000.00
Patrick W Dodge	3,900.00
Ralph E Giles	3,000.00
Alan M Goldberg	3,400.00
Richard D Green	3,900.00
Louis J Ignarro	3,000.00
Rodger S Izzo	2,708.34
William Kreutner	3,000.00
Jon E Lewis	3,900.00
Norman E Sladek	3,400.00
Sheldon B Sparber	3,000.00
George R Spratto	3,400.00
Robert E Stitzel	3,900.00
Donald R VanHarken	3,900.00
Marshall B Wallach	3,000.00
Richard N Wolfe	3,400.00

Richard A Meisch as recipient of a United States Public Health Service Graduate Training Grant of \$500 June 15 to August 31, 1964 Pharmacology

The following as recipients of United States Public Health Service Summer Research Fellowships of \$900 each June 24 to September 15, 1964 Physiology

John W R Cheng	Carl G Oeljen
Bonita E Falkner	Mark L Satz
Joseph Gutenkauf	

John W Tyberg recipient of a United States Public Health Service General Research Support Grant to receive a supplement of \$87.51 April 1 to June 30, 1964 Physiology

Richard M Biery as recipient of a United States Public Health Service Epidemiology Scholarship of \$900 June 16 to September 15, 1964 School of Public Health

William A Coey recipient of a United States Public Health Service Training in Air Pollution Scholarship to receive a supplement of \$547.97 November 1, 1963 to August 22, 1964 School of Public Health

Joanne Darter recipient of a United States Public Health Service Professional Nurse Traineeship to receive a supplement of \$750 September 23, 1963 to August 22, 1964 and September 28, 1964 to March 20, 1965 School of Public Health

Raymond Kary as recipient of a United States Public Health Service Radiological Health Training Grant of \$644.07 June 16 to August 22, 1964 School of Public Health

James C Knudson as recipient of a United States Public Health Service Training in Air Pollution Scholarship of \$633.28 June 15 to August 31, 1964 School of Public Health

Jess F Kraus as recipient of a United States Public Health Service Special Purpose Traineeship in Training of Accident Prevention Specialists of \$5,370 June 15, 1964 to June 12, 1965 School of Public Health

Therese Mathes recipient of a United States Public Health Service Professional Nurse Traineeship from \$4,188 to \$2,750 September 23, 1963 to August 22, 1964

Raymond A Mill as recipient of a United States Public Health Service Training in Air Pollution Scholarship of \$1,890 August 15 to December 19, 1964 School of Public Health

Leonard Nash as recipient of a United States Public Health Service Training in Air Pollution Scholarship of \$2,983.24 June 15, 1964 to June 12, 1965 School of Public Health

Carl Peterson as recipient of a United States Public Health Service Training in Air Pollution Scholarship of \$836 June 15 to August 31, 1964 School of Public Health

Ralph H Rydman as recipient of a United States Public Health Service Training Radiological Health Grant of \$3,558.31 June 15, 1964 to August 21, 1965 School of Public Health

Jerry B Sleeper as recipient of a United States Public Health Service Special Purpose Traineeship in Training of Accident Prevention Specialists of \$4,415.24 June 15, 1964 to June 12, 1965 School of Public Health

Judith A Warnert recipient of a United States Public Health Service Professional Nurse Traineeship to receive a supplement of \$250 September 23 to October 31, 1964 School of Public Health

Nelson H Stone as recipient of a United States Public Health Service Cardiovascular Training Grant of \$1,500 July 1 to September 30, 1964 Surgery

The following as recipients of United States Public Health Service Training Grants for the Development of Biostatistical Aids for Medical Research Programs June 1 to August 31, 1964 School of Public Health

	Amount
Franklin W Briese	\$ 975
Paul L Canner	1,050
James E Faulkner	2,100
Kathleen M Keenan	1,050
Shigeru Ochi	1,500
Robert A Schueck	975

Sister M Roger Andert and Margaret P Parren as recipients of United States Public Health Service Professional Nurses Advanced Training Grants of \$562 each September 23, 1963 to August 22, 1964 School of Nursing

Audrey M Engelstad as recipient of a United States Public Health Service Professional Nurses Advanced Training Grant of \$688 September 28 to December 19, 1964 School of Nursing

Ed J Hendricks as recipient of a United States Public Health Service Pathology Training Grant of \$1,750.02 June 1 to August 31, 1964 Laboratory Medicine

Otto H Pflueger, Jr as recipient of a United States Public Health Service Pathology Training Grant of \$5,000 July 1, 1964 to June 30, 1965 Laboratory Medicine

Thomas O Swallen as recipient of a United States Public Health Service Training in Clinical Cardiology Fellowship of \$4,083.38 June 1 to December 31, 1964 Laboratory Medicine

Charles B Lundquist as recipient of a United States Public Health Service Training in Clinical Cardiology Fellowship of \$3,750 January 1 to June 30, 1964 Radiology

George J Barry as recipient of a United States Public Health Service Graduate Training in Psychiatry Fellowship of \$6,000 July 1 to December 31, 1964 Psychiatry and Neurology

Mary P Christensen as recipient of a United States Public Health Service Graduate Training in Psychiatry Fellowship of \$3,000 July 1 to September 30, 1964 Psychiatry and Neurology

The following as recipients of United States Public Health Service Graduate Training in Psychiatry Fellowships July 1, 1964 to June 30, 1965 Psychiatry and Neurology

	Amount
David B Auran	\$ 5,000
Robert E Cottor	5,000
William D Davidson	12,000
Robert F Fischer	12,000
Joseph L Gendron	5,000
Malka L Goodman	4,200
John W Haas	5,000
Rodney C Johnson	5,000
Harvey Kelman	5,000
Henry J Osekowsky	5,000
Gordon A Tripp	3,600

Byron R Johnson and Barney R Kliks as recipients of United States Public Health Service Undergraduate Training in Psychiatry Fellowships of \$900 each June 15 to October 15, 1964

The following as recipients of United States Public Health Service—Hennepin County General Hospital Grants of \$4,200 each July 1, 1964 to June 30, 1965 Psychiatry and Neurology

Thomas J Crowley	Laurence S Rivkin
Deane C Manolis	

Mae L Baker recipient of a United States Public Health Service Neurochemistry Training Grant to receive a supplement of \$104.16 June 15-30, 1964 Psychiatry and Neurology and as recipient of a Neurochemistry Training Grant of \$5,000 July 1, 1964 to June 30, 1965

Gerald R Simon as recipient of a United States Public Health Service Neurochemistry Training Grant of \$6,000 July 1, 1964 to June 30, 1965 Psychiatry and Neurology

The following as recipients of United States Public Health Service Neurology Training Grants July 1, 1964 to June 30, 1965

	Amount
Calvin L Calhoun	\$6,500
Richard T Foreman	7,000
Arthur C Klassen	6,500
H Stephen Kott	6,500
Robert R Pierce	6,500
William J Riley	6,500
Roger L Ryan	6,500
Lawrence J Schut	6,000
John K Wolf	6,000

Tracy C Linn as recipient of a United States Public Health Service Training Grant in Biochemistry Fellowship of \$521 plus tuition and fees July 1 to September 15, 1964 College of Medical Sciences

Robert E Solee as recipient of a United States Public Health Service Training Grant in Veterinary Bacteriology and Public Health of \$6,960 July 1, 1964 to June 30, 1965

The following as recipients of United States Public Health Service Training Grants in Veterinary Physiology and Pharmacology of \$1,200 each June 15 to September 14, 1964

Donald N McMartin	James A Swenberg
Bernard A Schwetz	Brian E Toivola

The following as recipients of United States Public Health Service Training Grants in Veterinary Anatomy of \$6,667 each July 1, 1964 to June 30, 1965

Thomas F Field
Robert F Hammer

Carl R Jessen

Earnest Corker as recipient of a United States Public Health Service Training Grant in Veterinary Pharmacology of \$7,082.38 June 8, 1964 to June 30, 1965

Perry J Gehring and Philip Litwak as recipients of United States Public Health Service Training Grants in Veterinary Pharmacology of \$6,667 each July 1, 1964 to June 30, 1965

Richard R Bevis and William F Liljemark as recipients of United States Public Health Service Clinical Research Training Grants of \$2,200 each July 1, 1964 to June 30, 1965

The following as recipients of United States Public Health Service Teaching and Research Training in Dentistry Fellowships July 1, 1964 to June 30, 1965

	Amount
David G Anderson	\$7,000
John M Grewe	7,000
Arthur R Johnson	8,000
Burton Shapiro	7,000
Clyde H Wilkes	7,500

The following as recipients of United States Public Health Service General Research Support Fellowships in Dentistry of \$800 each June 16 to September 15, 1964

Clark G Borstad	Stephen F Litton
Jay L Chiles	Thomas H Miller
Robert C Dolven	David E Nelson
Gary R Ellingson	Michael G Path
Lowell D Engel	Bruce L Pihlstrom
John E Heldridge	Dennis W Runck
Gene F Jasper	

Gary R Livermore as recipient of a United States Public Health Service Training Teachers of Emotionally Disturbed and Socially Maladjusted Children Fellowship of \$2,400 July 20, 1964 to July 20, 1965 Educational Psychology

The following as recipients of United States Public Health Service Training Program in Human Genetics Fellowships July 1, 1964 to June 30, 1965 Dight Institute

	Amount
Meredith J Hill	\$3,000
Ruth M Nunamaker	1,900
Karen A Hawkinson	1,900

Karl Keller as recipient of a University of Minnesota Alumni Graduate Fellowship of \$103 June 15, 1964 English

James J Lynskey as recipient of a University of Minnesota Alumni Graduate Fellowship of \$500 June 9, 1964 Political Science

Richard C Rank as recipient of a University of Minnesota Alumni Graduate Fellowship of \$100 June 2, 1964 Educational Psychology

Ann M Schoelkopf as recipient of a University of Minnesota Alumni Graduate Fellowship of \$300 July 1, 1964 Educational Psychology

Lotte Seidler as recipient of a University of Minnesota Alumni Graduate Fellowship of \$350 June 10, 1964 International Relations

Patsy Ann Logue and Marcia M Mostoller as recipients of Vocational Rehabilitation Administration Grants-in-Aid of \$600 each June 15 to August 31, 1964 Speech Pathology

Rodney L Biltonen as recipient of a George T Walker Award of \$500 May 28, 1964 School of Chemistry

Donald M Vietor as recipient of a Harold K Wilson Scholarship of \$200 for 1964-65 College of Agriculture Forestry and Home Economics

Special Appointments

Wendell T Burns continuation of appointment as Executive Secretary Ford Foundation Economic Survey of the Upper Midwest Region for 1964-65 at \$5,000 Term AHT25 (\$20,000 A rate); 70 years of age

Anna Kompisova as Research Fellow School of Chemistry Research Funds June 1-30, 1964 at \$400 Term CHT81 (\$5,928 A rate) and July 1 to August 31, 1964 at \$800 Term CHT72 (\$6,667 A rate); husband Ivan Kompis Research Fellow School of Chemistry Research Funds Term AT

James R Carlson as Research Assistant Numerical Analysis Center June 16 to July 18, 1964 at \$242 per month for 50% time (wife Carolyn H Carlson Research Fellow Numerical Analysis Center monthly rate)

Edwin T Hedin, Jr as Research Assistant Electrical Engineering Research Funds June 16 to September 15, 1964 at \$363 per month for 75% time (brother student George L Hedin Engineering Assistant Trainee Electrical Engineering Research Funds hourly rate)

Raymond L Page as Clinic Physician University Health Service June 16, 1964 to June 30, 1965 at \$7 per hour (68 years of age)

Clifford E Sisler as Clinic Physician University Health Service June 16, 1964 to June 30, 1965 at \$7 per hour (68 years of age)

William V Kayser as Non-service Fellow School of Chemistry Research Funds June 16 to August 31, 1964 at \$240 per month (brother Robert Kayser Non-service Fellow School of Chemistry Research Funds miscellaneous payroll)

Margaret Klossner Foley Office Supervisor Department of Police at \$4,992 from Term A to Term AX May 16 to July 31, 1964 (married to John C Foley Sergeant of Police Department of Police Term A May 16, 1964)

Promotions and Transfers

Gerald R McKay Professor Extension Specialist Visual Education Agricultural Extension Service at \$12,900 Term A to continue to serve as Professor Acting Head Department of Information and Agricultural Journalism at the rate of \$13,500 Term A July 1 to September 30, 1964

Grover E Maxwell from Professor Minnesota Center for Philosophy of Science at \$12,500 Term B to serve as Professor and Acting Director without change in salary rate or term for 1964-65

James E Stageberg from Assistant Professor School of Architecture at \$7,170 Term BH80 (\$8,960 B rate) to Associate Professor without change in salary rate or term for 1964-65

Wallace W Nelson Associate Professor and Superintendent Southwest Experiment Station at \$12,000 plus residence Term A to serve in addition as Associate Professor Soil Science without salary July 1, 1964 to June 30, 1965

Dennis J Kane from Assistant Professor Medicine and Research Funds at \$10,300 Term AHT56 (\$18,300 A rate) for 1963-64 to Associate Professor at \$10,700 Term AHT58 (\$18,500 A rate) for 1964-65

Robert L Vernier from Assistant Professor Pediatrics and Research Funds at the rate of \$1,600 Term AHT11 (\$15,000 A rate) August 1, 1963 to June 30, 1964 to Associate Professor at the rate of \$18,000 Term A beginning July 1, 1964

Russell W Burris Associate Professor Psychological Studies General College at \$9,300 Term B to continue to serve in addition as Associate Professor and Director Center for the Study of Programmed Learning without change in salary rate or term for 1964-65

Samuel D Evans Assistant Professor West Central Experiment Station at \$9,150 Term A to continue to serve in addition as Assistant Professor Soil Science without salary July 1, 1964 to June 30, 1965

Eugene F Bernstein from Instructor Surgery Research Funds at \$2,444 Term AHT20 (\$12,004 A rate) for 1963-64 to Assistant Professor Surgery and Research Funds at \$13,800 Term AT for 1964-65

Milton P Reiser from Assistant Professor Surgery at \$10,800 Term A for 1963-64 to Clinical Assistant Professor without salary July 1, 1964 to June 30, 1965

Lucille J Hoilund from Research Associate Laboratory Medicine and Anatomy Research Funds at the rate of \$10,000 Term AT October 1, 1963 to June 30, 1964 to Research Associate and Assistant Professor at \$10,700 Term A for 1964-65

Carroll N Hess from Clinical Assistant Professor Radiology without salary to Assistant Professor with salary paid directly by Hennepin County General Hospital March 1, 1964 to June 30, 1965

Richard Owen from Assistant Professor Physical Medicine and Rehabilitation Research Funds at \$16,000 Term AT to Assistant Professor Physical Medicine and Rehabilitation and Research Funds without change in salary rate or term April 1 to June 30, 1964

Rolando L Udasco from Instructor Ophthalmology and Research Funds at \$6,400 Term AH68 (\$9,411 A rate) for 1963-64 to Assistant Professor without salary July 1, 1964 to June 30, 1965

Roger A Kleese from Research Associate Agronomy and Plant Genetics Research Funds at \$8,800 Term AT for 1963-64 to Assistant Professor at \$9,400 Term AT for 1964-65

Joseph W Rust from Instructor Dairy Husbandry and Research Funds at \$7,500 Term AX for 1963-64 to Assistant Professor at \$7,800 Term ATX for 1964-65

Alvin S Zelickson from Clinical Instructor Medicine Research Funds at \$6,000 Term AHT50 (\$12,000 A rate) for 1963-64 to Clinical Assistant Professor at \$7,000 Term AHT50 (\$14,000 A rate) for 1964-65

Travis I Thompson from Assistant Professor Psychiatry and Neurology Research Funds at \$10,000 Term A and Assistant Professor Pharmacology without salary for 1963-64 to Assistant Professor Pharmacology Research Funds at \$10,500 Term AT and Assistant Professor Psychiatry and Neurology without salary for 1964-65

Fred C McCormick from Administrative Fellow Student Unions Coffman Memorial Union at \$2,904 Term AH50 for 1963-64 to Assistant to the Vice President—Development Office of the Vice President for Educational Relationships and Development at \$9,500 Term A for 1964-65

Wilbur E Dallenbach from Research Fellow The Hormel Institute at \$10,300 Term AT to Research Associate without change in salary rate or term for 1964-65

Wei-Kong Chen from Assistant Professor School of Mineral and Metallurgical Engineering at the rate of \$9,750 Term AT February 1 to June 30, 1964 to Research Associate School of Mineral and Metallurgical Engineering Research Funds without change in salary rate or term for 1964-65

Mishrilal Jain from Instructor Botany at \$1,333 Term CHT50 (\$6,000 B rate) April 16 to June 15, 1964 to Research Associate Agronomy and Plant Genetics Research Funds at the rate of \$8,000 Term AT June 15, 1964 to June 30, 1965

Thomas F Siess from Research Fellow Psychology Research Funds at the rate of \$5,284 Term AHT85 (\$6,216 A rate) September 1, 1963 to June 30, 1964 to Research Associate Industrial Relations Center at \$8,000 Term AT for 1964-65

Ronald C Bounous from Lecturer School of Social Work at the rate of \$7,500 Term BX March 16 to June 15, 1964 to Lecturer School of Social Work Research Funds at \$9,000 Term A for 1964-65

Ghulam Mohammed from Instructor Scandinavian at \$1,554 Term BHX33 (\$4,662 B rate) for 1963-64 to Instructor Social Science Program and Scandinavian at \$3,850 Term BHX77 (\$5,000 B rate) for 1964-65

Israel Rubin Instructor Social Science Program at \$7,800 Term B to serve as Instructor Sociology for 33% of time without change in salary rate or term for 1964-65

Dale C Dahl from Research Associate Agricultural Economics Research Funds July 1 to August 15, 1963 at \$1,000 Term CT (\$8,000 A rate) to Research Fellow without change in salary rate or term July 1 to August 15, 1964 and from Research Associate Agricultural Economics at \$7,000 Term CT (\$8,000 A rate) August 16, 1963 to June 30, 1964 to Instructor without change in salary rate or term August 16, 1963 to June 30, 1964 and as Instructor Agricultural Economics and Research Funds July 1 to August 31, 1964 at \$1,533 Term CT (\$9,200 A rate)

Sidney S Scherling from Clinical Assistant Pediatrics without salary to Clinical Instructor without salary July 1, 1964 to June 30, 1965

John W Arbaugh from Instructor Veterinary Medicine and Clinics Research Funds at the rate of \$6,216 Term AT April 1 to June 30, 1964 to Instructor Veterinary Medicine and Clinics at \$7,200 Term AT for 1964-65

Carl A Osborne from Instructor Veterinary Medicine and Clinics Research Funds at \$7,200 Term AT to Instructor Veterinary Medicine and Clinics without change in salary rate or term for 1964-65

Marjorie Bjornstad from Personnel Assistant Office of Civil Service Personnel at \$5,400 Term A for 1963-64 to Instructor Graduate School and Research Funds at \$6,000 Term AHT90 (\$6,667 A rate) for 1964-65

Donald P Schwab from Research Assistant Industrial Relations Center at \$2,178 Term BH50 for 1963-64 and Instructor Industrial Relations at \$130 Term CH8 (\$4,662 B rate) for the spring quarter of 1963-64 to Research Fellow Industrial Relations Center at \$2,250 Term BH45 (\$5,000 B rate) for 1964-65 and Instructor Industrial Relations at \$1,500 Term BH30 (\$5,000 B rate) for 1964-65

Willard C Peterson, Jr from Medical Fellow Specialist Medicine and Research Funds at \$2,475 plus tuition and fees Term CT (\$4,950 plus tuition and fees A rate) January 1 to June 30, 1964 to Clinical Instructor Medicine Research Funds at \$3,600 Term AHT40 (\$9,000 A rate) for 1964-65

John D Hyslop from Instructor Agricultural Economics and Research Funds at the rate of \$6,216 Term AT October 1, 1963 to June 30, 1964 to Research Fellow Agricultural Economics Research Funds at \$1,667 Term CT (\$6,667 A rate) July 1 to September 30, 1964

Deane M Manbeck from Research Fellow Agricultural Engineering from \$1,554 Term AHT25 (\$6,216 A rate) for 1963-64 to Research Fellow Agricultural Engineering Research Funds at \$417 Term CHT25 (\$6,667 A rate) July 1 to September 30, 1964

William E Dorsey from Hubbard County Agricultural Agent Associate Professor Agricultural Extension Service at \$8,600 (\$6,200 University \$2,400 County) Term AH72 to Area Extension Agent Associate Professor at the rate of \$8,600 Term A May 16 to June 30, 1964 and at \$9,100 Term A for 1964-65

John R Eix from Hubbard County Agricultural Extension Agent Rural Development Assistant Professor Agricultural Extension Service at \$7,400 Term A to Hubbard County Agricultural Agent Assistant Professor at the rate of \$8,100 (\$5,825 University \$2,275 County) Term AH72 May 16, 1964 to June 30, 1965

Thomas M Peters Teaching Assistant Entomology Fisheries and Wildlife at \$2,904 Term AH50 to serve in addition as Assistant Agricultural

Extension Specialist Entomology Agricultural Extension Service at \$303 for 25% additional time May 25 to June 30, 1964 and as Teaching Assistant at \$244 Term CHT50 July 1-31, 1964 and Assistant Agricultural Extension Specialist at \$611 Term CHT50 July 1 to September 15, 1964

Darwin H Throne from Teaching Associate Electrical Engineering at \$2,400 Term BH50 to Research Assistant School of Physics Research Funds at \$2,496 Term BHT55 for 1964-65

Jerry W Elwood Teaching Assistant Entomology Fisheries and Wildlife at \$2,200 Term BHT50 to serve in addition as Research Assistant Entomology Fisheries and Wildlife Research Funds at \$1,210 Term CT July 1 to September 15, 1964

Jagannath M Kudale Teaching Assistant Dairy Industries at \$2,200 Term BH50 to serve in addition as Research Assistant Dairy Industries Research Funds at \$726 Term CHT50 July 1 to September 15, 1964 and June 16-30, 1965

Sita R Tatini Teaching Assistant Dairy Industries at \$2,200 Term BH50 to serve in addition as Research Assistant Dairy Industries Research Funds at \$2,120 Term CHT74 June 16 to September 15, 1964 and Term CHT24 September 16, 1964 to June 15, 1965

George W Rehm Teaching Assistant Soil Science at \$2,933 Term BH67 to serve in addition as Research Assistant Soil Science Research Funds at \$605 Term CHT50 July 1 to September 15, 1964

Kennedy T Hill from Research Assistant Institute of Child Development Research Funds at \$436 Term BHT10 to Research Assistant Institute of Child Development without change in salary rate or term for 1963-64

Kenneth J Holmquist Lecturer School of Public Health without salary to serve in addition as Clinical Preceptor Hospital Administration School of Public Health without salary July 1, 1964 to June 30, 1965

James F Cumming from Medical Fellow Anesthesiology at \$3,150 plus tuition and fees Term A to Medical Fellow Specialist Anesthesiology Research Funds at the rate of \$6,000 plus tuition and fees Term AT June 16-30, 1964

Sergio A Bonilla from Medical Fellow Specialist Surgery and Research Funds at \$4,150 plus tuition and fees Term A to Medical Fellow with salary paid directly by Hennepin County General Hospital June 1 to December 31, 1964 and at the rate of \$3,150 plus tuition and fees Term A January 1 to June 30, 1965

George T Wier Medical Fellow University of Minnesota Hospitals at \$3,150 plus tuition and fees Term AT to Medical Fellow Anesthesiology with salary paid directly by the Veterans Administration Hospital June 15, 1964 to June 30, 1965

Alan D Espelien from Medical Fellow Anesthesiology with salary paid directly by the Veterans Administration Hospital to Medical Fellow University of Minnesota Hospitals at the rate of \$3,150 plus tuition and fees Term AT June 8 to July 10, 1964

Skaidrite Fedders from Research Fellow Anesthesiology Research Funds at \$1,665 Term CT (\$6,660 A rate) April 1 to June 30, 1964 to Medical Fellow University of Minnesota Hospitals at \$3,150 plus tuition and fees Term AT for 1964-65

James J Shea from Medical Fellow Anesthesiology with salary paid directly by the Veterans Administration Hospital to Medical Fellow University of Minnesota Hospitals at the rate of \$3,150 plus tuition and fees Term A June 22-30, 1964

Ellis E Elstad from Accountant Business Office at \$5,400 Term A to Senior Accountant at the rate of \$6,312 Term A June 1-30, 1964

Karen E Bargman Senior Clerk-Typist Office of the Dean of Students Student Counseling Bureau at \$3,504 Term A to serve as Principal Secretary at the rate of \$4,272 Term AT March 30 to April 15, 1964

John D Steffen from Administrative Fellow Office of the Dean of Students Bureau of Student Loans and Scholarships at \$4,356 Term AH75 (\$5,808 A rate) to Senior Student Personnel Worker at the rate of \$6,828 Term A May 9, 1964 to June 30, 1965

Genevieve M Cole from Senior Clerk Office of Admissions and Records at \$4,104 Term A to Principal Clerk at \$4,440 Term A for 1964-65

Marion L Harms from Clerk-Typist Office of Admissions and Records at \$3,240 Term A to Senior Clerk-Typist at the rate of \$3,504 Term A April 1, 1964 to June 30, 1965

Renee E Koroshec from Clerk-Typist Student Services—Morris at \$2,880 Term A to Senior Clerk-Typist at the rate of \$3,504 Term A February 5, 1964 to June 30, 1965

John P Brooker from Sergeant of Police Department of Police at \$7,392 Term AL to Captain of Police at the rate of \$7,692 Term A June 1-30, 1964

Julie J Dvorak from Clerk-Stenographer Economics at \$3,120 Term A to Secretary at the rate of \$3,648 Term A March 16, 1964 to June 30, 1965

Mavis J Bates from Senior Secretary Sociology at \$4,104 Term A to Principal Secretary at the rate of \$4,272 Term A April 1 to June 19, 1964 (terminated)

Luanne J Alleman from Senior Clerk-Typist School of Chemistry Research Funds at \$1,521 Term CT (\$3,504 A rate) January 27 to June 30, 1964 to Senior Secretary Trainee School of Chemistry at the rate of \$3,792 Term A June 15, 1964 to June 30, 1965

Elsie L Hanson from Senior Cashier Administration Institute of Agriculture at \$5,400 Term A to Principal Cashier without change in salary rate or term January 1 to June 30, 1964

Alice J Engfer Secretary School of Dentistry at \$3,792 Term A to serve as Principal Secretary at \$275 Term CT (\$4,272 A rate) June 8-30, 1964

Gladys Berkness from General Staff Nurse University of Minnesota Hospitals at \$4,800 Term A to Assistant Head Hospital Nurse at the rate of \$5,196 Term A June 7-30, 1964 and at \$5,400 Term A for 1964-65

Florence G Gleason from Clerk University of Minnesota Hospitals at \$3,120 Term A to Nursing Station Assistant at the rate of \$3,240 Term AT May 25 to June 30, 1964 and at \$3,372 Term A for 1964-65

Edith B Kudrna from General Staff Nurse University of Minnesota Hospitals at \$4,800 Term A to Head Hospital Nurse at the rate of \$5,616 Term A June 8-30, 1964 and at \$5,844 Term A for 1964-65

Althea Mebius Assistant Cook University of Minnesota Hospitals at \$3,120 Term A to serve as Cook at \$603 Term CT (\$3,792 A rate) July 10 to September 7, 1964

Virginia I Robinson from Cook University of Minnesota Hospitals at \$3,948 Term A to Senior Food Service Supervisor at the rate of \$4,272 Term A June 1, 1964 to June 30, 1965

Alma Walberg Food Service Worker University of Minnesota Hospitals at \$2,880 Term A to serve as Cook at \$517 Term CT (\$3,792 A rate) June 29 to August 19, 1964

Darlene A Hillmer from Senior Clerk-Typist State Organization Service at \$3,504 Term A to Senior Secretary at the rate of \$3,948 Term A April 16 to June 30, 1964

Lois A Dusick from Senior Clerk-Typist Agricultural Extension Service at \$3,504 Term A to Senior Secretary at the rate of \$3,948 Term A April 1, 1964 to June 30, 1965

Lenief D Heimstead from Transcribing Machine Operator Agricultural Extension Service at \$3,000 Term A to Senior Clerk-Typist at the rate of \$3,504 Term A May 15, 1964 to June 30, 1965

Merl F Swanson Experimental Plot Supervisor Seed Distribution Fund at \$2,340 Term CT (\$5,616 A rate) November 1, 1964 to March 31, 1965

to continue to serve as Experimental Plot Supervisor Agronomy and Plant Genetics Research Funds at \$3,276 Term CT (\$5,616 A rate) July 1 to October 31, 1964 and April 1 to June 30, 1965

Mervyn O Bergman from Assistant Scientist Institute of Child Development at \$3,414 Term AH50 (\$6,828 A rate) to Assistant Scientist Institute of Child Development and Psychology at \$6,828 Term A for 1964-65

Evelyn Anderson from Senior Secretary The Hormel Institute at \$4,800 Term A to Principal Secretary at the rate of \$4,992 Term A April 1 to June 30, 1964

Janet B Bawek from Clerk-Typist The Hormel Institute at \$2,880 Term A to Clerk-Typist Fatty Acid Project without change in salary rate or term June 1-30, 1964

Merle L Blank from Assistant Scientist The Hormel Institute at \$7,104 Term A to Associate Scientist at the rate of \$7,692 Term A April 1 to June 30, 1964

Charlene E Kelly from Clerk-Typist The Hormel Institute at \$2,880 Term A to Senior Clerk-Typist at the rate of \$3,504 Term A April 1 to June 30, 1964

John D Nadenicek from Assistant Scientist The Hormel Institute at \$8,004 Term A to Associate Scientist Fatty Acid Project at the rate of \$8,328 Term A April 1 to June 30, 1964

Marion Peterson from Clerk-Typist Fatty Acid Project at \$2,880 Term A to Clerk-Typist The Hormel Institute without change in salary rate or term June 1-30, 1964

Egis L Warmanen from Junior Scientist The Hormel Institute at \$6,828 Term A to Assistant Scientist at the rate of \$7,104 Term A May 16 to June 30, 1964

Michael C Myers General Mechanic Plant Services Duluth at \$4,800 Term A to continue to serve as Operating Engineer at the rate of \$5,616 Term A July 1 to December 31, 1964

Georgianna W Burkholder from Senior Food Service Worker Bailey Hall and Food Services St Paul Campus at \$3,000 Term A to Senior Clerk St Paul Campus General Service and Maintenance at the rate of \$3,372 Term A May 18, 1964 to June 30, 1965

Duane C Whipkey from Wringerman University Laundry at \$3,504 Term A to Washman at the rate of \$3,792 Term A June 1, 1964 to June 30, 1965

Alice R Duckett Senior Food Service Worker Medicine Research Funds at \$3,120 Term AT to serve as Assistant Cook at \$528 Term CT (\$3,240 A rate) May 4 to June 30, 1964

Dale Makey from Assistant Scientist Biochemistry College of Medical Sciences Research Funds at \$6,564 Term AT to Assistant Scientist Medicine Research Funds at \$1,094 Term CT (\$6,564 A rate) May 1 to June 30, 1964

Regina L Ballard from Clerk-Typist School of Public Health Research Funds at \$2,880 Term AT to Senior Clerk-Typist at the rate of \$3,504 Term AT April 16, 1964 to June 30, 1965

Freddie L Estes from Principal Account Clerk Administration College of Medical Sciences at the rate of \$4,800 Term A March 1 to June 30, 1964 to Principal Account Clerk Administration College of Medical Sciences Research Funds at \$4,992 Term AT for 1964-65

Katherine Rimarcik from Laboratory Technician Pathology and Pediatrics Research Funds at \$3,240 Term A to Laboratory Technician Pathology and Research Funds without change in salary rate or term May 1 to June 30, 1964 and at \$3,372 Term AT for 1964-65

Salary Adjustments

Charles H McLaughlin Professor and Chairman Political Science from \$15,000 Term B to the rate of \$15,300 Term B beginning September 16, 1964

David K Berninghausen Professor and Director Library School from \$17,400 Term A to the rate of \$17,500 Term A beginning July 1, 1964

Willard W Cochrane Professor Agricultural Economics from \$18,000 Term A to the rate of \$21,000 Term A beginning July 1, 1964

Ellis S Benson Professor Laboratory Medicine and Biochemistry and Director Division of Clinical Laboratories at \$21,000 Term A to continue to serve at \$24,000 Career Development Award Funds for 1964-65

Burton Paulu Professor and Director Department of Radio and Television from \$15,250 Term A to the rate of \$15,500 Term A beginning July 1, 1964

Miland Knapp Clinical Professor Physical Medicine and Rehabilitation Research Funds from the rate of \$14,000 Term AHT70 (\$20,000 A rate) January 1 to June 30, 1964 to \$15,015 Term AHT70 (\$21,450 A rate) for 1964-65

Raymond H Shove Associate Professor Library School from \$11,440 Term B to the rate of \$11,540 Term B beginning September 16, 1964

Karel M van Vliet Associate Professor Electrical Engineering from \$10,500 Term B to the rate of \$11,200 Term B beginning September 16, 1964

Howard C Johnshoy Assistant to Dean International Programs and Assistant Professor Peace Corps Training Program from the rate of \$12,500 Term A February 1 to June 30, 1964 to \$13,000 Term A for 1964-65

Luther P Gerlach Assistant Professor Anthropology from \$9,000 Term BX for 1963-64 to \$9,300 Term BX for 1964-65

Wassilij Alexeev Assistant Professor Slavic and Oriental Languages from \$6,950 Term B to \$7,200 Term B for 1964-65

James A Earl Assistant Professor School of Physics from \$8,300 Term BX for 1963-64 to \$8,800 Term BT for 1964-65

Phillip J Tichenor Assistant Professor Information Specialist Information and Agricultural Journalism and Agricultural Extension Service from \$10,700 Term A to the rate of \$10,900 Term A January 1 to June 30, 1964

Russell C Johnson Assistant Professor Microbiology from the rate of \$2,000 Term AHT19 (\$10,500 A rate) March 1 to June 30, 1964 to \$2,000 Term AHT18 (\$11,000 A rate) for 1964-65

William D Cohen Assistant Professor Obstetrics and Gynecology and Research Funds from \$10,600 Term AT for 1963-64 to \$11,000 Term AT for 1964-65

E David Gray Assistant Professor Pediatrics and Biochemistry Research Funds from \$11,000 Term AT for 1963-64 to \$12,500 Term AT for 1964-65

Raymond D A Peterson Assistant Professor Pediatrics Research Funds from \$2,100 Term AHT16 (\$13,000 A rate) with \$10,900 paid directly by American Heart Association for 1963-64 to \$2,100 Term AHT15 (\$14,000 A rate) with \$11,900 paid directly by the American Heart Association for 1964-65

Jorge J Yunis Assistant Professor Laboratory Medicine Research Funds from \$12,000 Term A for 1963-64 to \$12,480 Term AT for 1964-65

Robert G Warnken Assistant Professor Psychology Research Funds from \$9,625 Term CT (\$11,000 A rate) August 16, 1963 to June 30, 1964 to \$11,700 Term AT for 1964-65

Philip Hovda Assistant Professor School of Social Work Research Funds from \$10,000 Term A to \$10,300 Term A for 1964-65

Lawrence F Merl Assistant Professor School of Social Work Research Funds from \$11,300 Term A for 1963-64 to \$11,500 Term A for 1964-65

Richard L. Cooper Research Associate Agronomy and Plant Genetics Research Funds from \$9,000 Term AT for 1963-64 to \$9,400 Term AT for 1964-65

Nils Laegreid Research Associate Electrical Engineering Research Funds from the rate of \$11,500 Term AT January 16 to June 30, 1964 to \$12,000 Term AT for 1964-65 (subject to availability of funds)

Irving A. Coret Research Associate School of Chemistry Research Funds from \$12,500 Term AT for 1963-64 to \$12,500 Term AT for 1964-65 (subject to availability of funds)

Robert P. Featherstone Research Associate School of Physics Research Funds from \$13,260 Term AT for 1963-64 to \$13,700 Term AT for 1964-65

Clifford E. Ahlgren Research Associate School of Forestry Research Funds from the rate of \$10,200 Term AT October 1, 1963 to June 30, 1964 to \$11,000 Term AT for 1964-65

Elmo H. Brekhus Research Associate Anatomy Research Funds from \$10,200 Term AT for 1963-64 to \$11,200 Term AT for 1964-65

Edna W. Speidel Research Associate Anatomy Research Funds from \$6,150 Term CT (\$8,200 A rate) October 1, 1963 to June 30, 1964 to \$9,000 Term AT for 1964-65

Walter J. Runge Research Associate Medicine Research Funds from \$4,750 Term CT (\$9,500 A rate) January 1 to June 30, 1964 to \$4,944 Term CT (\$9,888 A rate) July 1 to December 31, 1964

David J. Weiss Research Associate Industrial Relations Center Research Funds from \$7,500 Term AT for 1963-64 to \$8,600 Term AT for 1964-65

Lenore A. White Instructor Office of the Dean of Students Student Counseling Bureau from \$3,108 Term AH50 (\$6,216 A rate) to the rate of \$6,216 Term AT June 15-30, 1964

Donald R. Dyrhaug Instructor-Counselor Student Personnel Office College of Education from \$3,333 Term AH50 (\$6,667 A rate) to \$4,934 Term AH74 (\$6,667 A rate) for 1964-65

Jerald R. Forster Instructor-Counselor Student Personnel Office College of Education from \$3,333 Term AH50 (\$6,667 A rate) to \$5,000 Term AH75 (\$6,667 A rate) for 1964-65

William A. Reiners Instructor Botany from \$3,667 Term CT (\$5,500 A rate) December 16, 1963 to June 15, 1964 to \$7,000 Term BX for 1964-65

Mireille Rydell Instructor Romance Languages from \$5,200 Term BX for 1963-64 to \$5,450 Term BX for 1964-65

Merrilyn Belgum Instructor Sociology from \$1,640 Term CHT33 (\$6,216 A rate) September 1, 1963 to June 15, 1964 to \$1,851 Term CHX33 (\$6,664 A rate) August 16, 1964 to June 15, 1965

Ramon A. Oldenburg Instructor Sociology from \$3,497 Term BHX75 (\$4,662 A rate) for 1963-64 to \$6,000 Term BX for 1964-65

Nancy Freeman Instructor and Assistant to the Director Library School from \$7,200 Term A to \$7,350 Term A for 1964-65

David B. Thorud Instructor School of Forestry and Research Funds from \$1,554 Term CT (\$6,216 A rate) April 1 to June 30, 1964 to \$4,000 Term CT (\$8,000 A rate) July 1 to December 31, 1964

Barbara B. Conklin Instructor School of Home Economics from \$6,667 Term A to \$5,334 Term AH80 (\$6,667 A rate) for 1964-65

Graham Beaumont Instructor Medicine and Research Funds from the rate of \$10,000 Term AT January 15 to June 30, 1964 to \$11,500 Term AT for 1964-65

Frank A. Wollheim Instructor Medicine Research Funds from the rate of \$9,000 Term AT August 16, 1963 to June 30, 1964 to \$9,300 Term AT for 1964-65

Alfred F. Michael, Jr. Instructor Pediatrics Research Funds from \$13,000 (\$2,100 University \$10,900 American Heart Association) Term AHT16 for 1963-64 to \$14,000 (\$2,100 University \$11,900 American Heart Association) Term AHT15 for 1964-65

Patricia A Madden Instructor School of Nursing from the rate of \$6,572 Term AX September 16, 1963 to June 30, 1964 to \$6,667 Term AX for 1964-65

Elaine E Petersen Instructor School of Nursing from the rate of \$6,216 Term AX March 23 to June 30, 1964 to \$6,667 Term AX for 1964-65

Mary E Dempsey Instructor Biochemistry College of Medical Sciences Research Funds from \$10,000 Term AT for 1963-64 to \$10,400 Term AT for 1964-65

Ronald B Hohn Instructor Veterinary Anatomy from the rate of \$9,324 Term AT January 1 to June 30, 1964 to \$9,500 Term AT for 1964-65

Wesley D Anderson Instructor Veterinary Anatomy Research Funds from \$3,497 Term BHT75 (\$4,662 B rate) to the rate of \$9,000 Term A June 16, 1964 to June 30, 1965

Martha R Hostettler Instructor and Assistant to the Dean Graduate School at \$5,494 Term AHX82 (\$6,667 A rate) to receive \$956 for 15% additional time Graduate School Research Funds July 1, 1964 to June 30, 1965

Marion Melrose Instructor Home Economist in Rehabilitation Agricultural Extension Service from the rate of \$8,200 Term AT January 1 to June 30, 1964 to \$8,600 Term AT for 1964-65

Robert W Erickson Instructor School of Forestry and Research Funds from \$6,216 Term AT for 1963-64 to \$6,667 Term AT for 1964-65

Roland O Gertjeansen Instructor School of Forestry and Research Funds from the rate of \$6,216 Term ATX September 2, 1963 to June 30, 1964 to \$6,667 Term AT for 1964-65

Paul C Kersavage Instructor School of Forestry and Research Funds from \$6,216 Term AT for 1963-64 to \$6,667 Term AT for 1964-65

Harold Scholten Instructor School of Forestry and Research Funds from \$1,554 Term CT (\$6,216 A rate) April 1 to June 30, 1964 to \$3,333 Term CT (\$6,667 A rate) July 1 to December 31, 1964

James H Bridges Instructor School of Social Work Research Funds from \$9,700 Term A for 1963-64 to \$10,000 Term A for 1964-65

Dagny Johnson Instructor School of Social Work Research Funds from \$7,900 Term B for 1963-64 to \$8,050 Term B for 1964-65

Milton Orkin Clinical Instructor Medicine Research Funds from \$1,200 Term AHT19 (\$6,300 A rate) for 1963-64 to \$1,500 Term AHT20 (\$7,500 A rate) for 1964-65

Justine J Speer Instructor School of Public Health Research Funds from \$3,108 Term AHT50 (\$6,216 A rate) to the rate of \$4,662 Term AHT75 (\$6,216 A rate) June 16-30, 1964 and to \$2,348 Term CHT75 (\$6,667 A rate) July 1 to December 19, 1964

Siret H Ener Instructor Pharmacology Research Funds from \$5,250 Term CT (\$10,500 A rate) January 1 to June 30, 1964 to \$3,667 Term CT (\$11,000 A rate) July 1 to October 31, 1964

Philip A Jedlicka Research Fellow Anatomy and Research Funds from \$9,600 Term AT for 1963-64 to \$9,800 Term AT for 1964-65

William C Krueger Research Fellow Medicine Research Funds from \$4,120 Term AHT50 (\$8,240 A rate) for 1963-64 to \$4,200 Term AHT50 (\$8,400 A rate) for 1964-65

David R Johnston Research Fellow Agronomy and Plant Genetics Research Funds from \$6,216 Term AT for 1963-64 to \$6,667 Term AT for 1964-65

Lloyd C Ayres Research Fellow Horticultural Science Research Funds from \$6,216 Term AT for 1963-64 to \$1,111 Term CT (\$6,667 A rate) July 1 to August 31, 1964

Hemendra N Basu Research Fellow Hormel Institute from the rate of \$6,216 Term ATX July 30, 1963 to June 30, 1964 to \$6,667 Term ATX for 1964-65

The following Research Fellows Hormel Institute Term ATX

	Annual Salary 1963-64	Annual Salary 1964-65
Balwant Ahluwalia	\$6,216	\$6,667
Wolfgang Baumann	6,216	6,667
Harald H O Schmid	6,600	6,900
Zvi Selinger	6,216	6,667
Josef Staerk	6,500	6,900
Brigitte Verdino	6,216	6,667

John B Wood Research Fellow Minnesota School Mathematics and Science Center from the rate of \$2,421 Term BHT50 (\$4,842 B rate) March 16 to June 15, 1964 to \$3,798 Term BHT74 (\$5,130 B rate) for 1964-65

Anthony Arnold Research Fellow School of Chemistry Research Funds from \$3,719 Term CHT89 (\$5,928 A rate) October 16, 1963 to June 30, 1964 to \$1,531 Term CHT79 (\$6,667 A rate) July 1 to October 15, 1964

Miran K Chantooni, Jr Research Fellow School of Chemistry Research Funds from \$1,500 Term CT (\$6,000 A rate) April 1 to June 30, 1964 to \$2,000 Term CHT90 (\$6,667 A rate) July 1 to October 31, 1964

Peter J Coyle Research Fellow School of Chemistry Research Funds from the rate of \$6,216 Term AT October 16, 1963 to June 30, 1964 to \$3,108 Term CHT93 (\$6,667 A rate) July 1 to December 31, 1964

Humphrey N Farrer Research Fellow School of Chemistry Research Funds from the rate of \$6,500 Term AT September 16, 1963 to June 30, 1964 to \$6,667 Term AT for 1964-65 (subject to availability of funds)

Anthony C Gilby Research Fellow School of Chemistry Research Funds from the rate of \$6,500 Term AT April 1 to June 30, 1964 to \$1,111 Term CT (\$6,667 A rate) July 1 to August 31, 1964

Johan W Greidanus Research Fellow School of Chemistry Research Funds from \$3,770 Term CT (\$6,240 A rate) November 25, 1963 to June 30, 1964 to \$1,040 Term CHT94 (\$6,667 A rate) July 1 to August 31, 1964

Siemen H Groen Research Fellow School of Chemistry Research Funds from \$4,750 Term CHT97 (\$6,216 A rate) September 16, 1963 to June 30, 1964 to \$1,250 Term CHT90 (\$6,667 A rate) July 1 to September 15, 1964

Eduardo G Gros Research Fellow School of Chemistry Research Funds from the rate of \$6,500 Term AT October 1, 1963 to June 30, 1964 to \$2,778 Term CT (\$6,667 A rate) July 1 to November 30, 1964 (subject to availability of funds)

Ivan Kompis Research Fellow School of Chemistry Research Funds from the rate of \$6,500 Term AT September 16, 1963 to June 30, 1964 to \$1,389 Term CT (\$6,667 A rate) July 1 to September 15, 1964

Judith A Krudener Research Fellow School of Chemistry Research Funds from the rate of \$4,200 Term AHT68 (\$6,216 A rate) July 16, 1963 to June 30, 1964 to \$1,533 Term CHT69 (\$6,667 A rate) July 1 to October 31, 1964

Mary L Loudon Research Fellow School of Chemistry Research Funds from the rate of \$6,500 Term AT January 1 to June 30, 1964 to \$6,800 Term AT for 1964-65 (subject to availability of funds)

Manabu Matsuoka Research Fellow School of Chemistry Research Funds from \$2,502 Term CHT84 (\$5,928 A rate) January 1 to June 30, 1964 to \$2,502 Term CHT75 (\$6,667 A rate) July 1, 1963 to December 31, 1964

Jameel Menashi Research Fellow School of Chemistry Research Funds from the rate of \$6,000 Term AHT97 (\$6,216 A rate) September 16, 1963 to June 30, 1964 to \$1,389 Term CT (\$6,667 A rate) July 1 to September 15, 1964

Hiroshi Mizukami Research Fellow School of Chemistry Research Funds from the rate of \$6,500 Term AT September 1, 1963 to June 30, 1964 to \$6,800 Term AT for 1964-65 (subject to availability of funds)

Fumi Morita Research Fellow School of Chemistry Research Funds from \$3,500 Term CHT97 (\$6,216 A rate) December 1, 1963 to June 30, 1964 to \$2,500 Term CHT90 (\$6,667 A rate) July 1 to November 30, 1964

Lal M Mukherjee Research Fellow School of Chemistry Research Funds from \$907 Term CT (\$6,300 A rate) May 11 to June 30, 1964 to \$1,050 Term CHT95 (\$6,667 A rate) July 1 to August 31, 1964

Alexander F L Muller School of Chemistry Research Funds from \$6,250 Term CT (\$7,500 A rate) September 1, 1963 to June 30, 1964 to \$8,000 Term AT for 1964-65 (subject to availability of funds)

Ramakrishnan Nagarajan Research Fellow School of Chemistry Research Funds from \$3,000 Term CHT97 (\$6,216 A rate) January 1 to June 30, 1964 to \$3,100 Term CHT93 (\$6,667 A rate) July 1 to December 31, 1964

Nagahiro Ogasawara Research Fellow School of Chemistry Research Funds from the rate of \$6,400 Term AT October 1, 1963 to June 30, 1964 to \$1,600 Term CHT96 (\$6,667 A rate) July 1 to September 30, 1964 (subject to availability of funds)

David L Powell Research Fellow School of Chemistry Research Funds from \$6,500 Term AT for 1963-64 to \$1,111 Term CT (\$6,667 A rate) July 1 to August 31, 1964

Atsuyoshi Saito Research Fellow School of Chemistry Research Funds from \$4,921 Term CT (\$6,216 A rate) September 16, 1963 to June 30, 1964 to \$1,295 Term CHT93 (\$6,667 A rate) July 1 to September 15, 1964

Kanjirampara Sivasankaran Research Fellow School of Chemistry Research Funds from the rate of \$6,000 Term AHT97 (\$6,216 A rate) November 1, 1963 to June 30, 1964 to \$2,000 Term CHT90 (\$6,667 A rate) July 1 to October 31, 1964

Isao Suzuki Research Fellow School of Chemistry Research Funds from the rate of \$6,500 Term AT January 1 to June 30, 1964 to \$1,111 Term CT (\$6,667 A rate) July 1 to August 31, 1964

Boen Hie Tan Research Fellow School of Chemistry Research Funds from \$918 Term CHT93 (\$5,928 A rate) May 1 to June 30, 1964 to \$2,754 Term CHT83 (\$6,667 A rate) July 1 to December 31, 1964

George D Valiaveedan Research Fellow School of Chemistry Research Funds from \$4,750 Term CHT97 (\$6,216 A rate) September 16, 1963 to June 30, 1964 to \$3,100 Term CHT93 (\$6,667 A rate) July 1 to December 31, 1964 (subject to availability of funds)

Robert Yaris Research Fellow School of Chemistry Research Funds from \$4,750 Term CHT97 (\$6,216 A rate) September 16, 1963 to June 30, 1964 to \$1,250 Term CHT90 (\$6,667 A rate) July 1 to September 15, 1964

Donald E Bauman Research Fellow School of Physics Research Funds from the rate of \$7,500 Term AT February 1 to June 30, 1964 to \$7,900 Term AT for 1964-65

John H Nitardy Research Fellow School of Physics Research Funds from \$8,800 Term AT for 1963-64 to \$9,100 Term AT for 1964-65

Peter Stasz Research Fellow School of Physics Research Funds from the rate of \$7,200 Term AT April 1 to June 30, 1964 to \$7,400 Term AT for 1964-65

F Allan Hills Research Fellow Geology and Geophysics Research Funds from \$3,897 Term CHT89 (\$6,216 A rate) October 16, 1963 to June 30, 1964 to \$7,000 Term AT for 1964-65

Kenneth G McKenzie Research Fellow Geology and Geophysics Research Funds from the rate of \$6,216 Term AT August 29, 1963 to June 30, 1964 to \$278 Term CT (\$6,667 A rate) July 1-15, 1964 (terminated)

Vivian S Hiatt Research Fellow Agronomy and Plant Genetics Research Funds from the rate of \$6,500 Term AT September 1, 1963 to June 30, 1964 to \$6,667 Term AT for 1964-65

Nobuaki Ogasawara Research Fellow Biochemistry Institute of Agriculture Research Funds from \$3,108 Term CT (\$6,216 A rate) January 1

to June 30, 1964 to \$1,111 Term CT (\$6,667 A rate) July 1 to August 31, 1964

Carl E Polan Research Fellow Biochemistry Institute of Agriculture Research Funds from \$3,108 Term CT (\$6,216 A rate) January 1 to June 30, 1964 to \$1,111 Term CT (\$6,667 A rate) July 1 to August 31, 1964

Cheng-Ven Shih Research Fellow Biochemistry Institute of Agriculture Research Funds from \$3,264 Term CT (\$6,528 A rate) January 1 to June 30, 1964 to \$1,667 Term CT (\$6,667 A rate) July 1 to September 30, 1964

W Grady Smith Research Fellow Biochemistry Institute of Agriculture Research Funds from \$3,108 Term CT (\$6,216 A rate) January 1 to June 30, 1964 to \$3,333 Term CT (\$6,667 A rate) July 1 to December 31, 1964

Hiroshi Nagase Research Fellow Dairy Husbandry Research Funds from the rate of \$4,227 Term AHT68 (\$6,216 A rate) September 9, 1963 to June 30, 1964 to \$756 Term CHT68 (\$6,667 A rate) July 1 to August 31, 1964

Ambrose H Rajamannan Research Fellow Dairy Husbandry Research Funds from the rate of \$5,843 Term AHT94 (\$6,216 A rate) September 16, 1963 to June 30, 1964 to \$6,667 Term AT for 1964-65

Robert H Kramer Research Fellow Entomology Fisheries and Wildlife Research Funds from \$3,500 Term CT (\$7,000 A rate) July 1 to December 31, 1964 to \$3,750 Term CT (\$7,500 A rate) July 1 to December 31, 1964

John J Ritchie Research Fellow Dairy Industries Research Funds from \$5,284 Term AHT86 (\$6,216 A rate) for 1963-64 to \$5,667 Term AHT85 (\$6,667 A rate) for 1964-65

James D Punch Research Fellow Dairy Industries Research Funds from \$4,662 Term AHT75 (\$6,216 A rate) for 1963-64 to \$5,000 Term AHT75 (\$6,667 A rate) for 1964-65

Jovita B Baker Research Fellow Anatomy Research Funds from the rate of \$3,414 Term AHT50 (\$6,828 A rate) August 1, 1963 to June 30, 1964 to \$3,550 Term AHT50 (\$7,100 A rate) for 1964-65

Stuart H Heald Research Fellow Anatomy Research Funds from \$9,300 Term AT for 1963-64 to \$9,700 Term AT for 1964-65

Mary C H Mueller Research Fellow Anatomy Research Funds from \$2,984 Term AHT48 (\$6,216 A rate) for 1963-64 to \$3,184 Term AHT48 (\$6,667 A rate) for 1964-65

Arnold J Schultz, Jr Research Fellow Anatomy Research Funds from \$4,921 Term CT (\$6,216 A rate) September 16, 1963 to June 30, 1964 to \$6,700 Term AT for 1964-65

Mary Ann Stehr Research Fellow Anatomy Research Funds from \$1,655 Term CHT50 (\$6,500 A rate) April 1 to June 30, 1964 to \$565 Term CHT50 (\$6,775 A rate) July 1 to August 31, 1964

Patricia L Ashman Research Fellow Medicine Research Funds from the rate of \$7,500 Term AT January 1 to June 30, 1964 to \$7,875 Term AT for 1964-65

Robert P Patterson Research Fellow Physical Medicine and Rehabilitation Research Funds from \$8,500 Term AT for 1963-64 to \$9,000 Term AT for 1964-65

Faruk S Abuzzahab Research Fellow Pharmacology Research Funds from \$6,216 Term AT for 1963-64 to \$6,500 Term AHT97 (\$6,667 A rate) for 1964-65

Robert A Nelson Research Fellow Pharmacology Research Funds from \$2,904 Term AHT47 (\$6,216 A rate) for 1963-64 to \$3,333 Term AHT50 (\$6,667 A rate) for 1964-65

Thomas D Martin Research Fellow Psychiatry and Neurology Research Funds from \$1,500 Term CHT25 (\$8,000 A rate) October 1, 1964 to June 30, 1965 to \$1,333 Term CT (\$8,000 A rate) May 1 to June 30, 1964

John H Powers Research Fellow Psychiatry and Neurology Research Funds from the rate of \$1,243 Term AHT20 (\$6,216 A rate) September 1,

1963 to June 30, 1964 to \$1,111 Term CHT20 (\$6,667 A rate) July 1, 1964 to April 30, 1965

Gian P Jain Research Fellow Institute of Child Development Research Funds from \$3,750 Term BHT75 (\$5,000 B rate) to \$1,667 Term CT (\$6,667 A rate) June 16 to September 15, 1964

Barbara M Greer Research Fellow Special Education Research Funds from \$1,554 Term CHT50 (\$6,216 A rate) January 1 to June 30, 1964 to \$3,125 Term CHT50 (\$6,667 A rate) July 1 to August 22, 1964 and September 16, 1964 to June 30, 1965

Duane R Martin Research Fellow Center for the Study of Programmed Learning from the rate of \$3,636 Term BHT75 (\$4,848 B rate) March 16 to June 15, 1964 to \$2,500 Term BHT50 (\$5,000 B rate) for 1964-65

Sukanta K Dutta Research Fellow Veterinary Bacteriology and Public Health Research Funds from \$1,554 Term CT (\$6,216 A rate) April 1 to June 30, 1964 to \$1,111 Term CT (\$6,667 A rate) July 1 to August 31, 1964

Arrilla B Fedde Research Fellow Veterinary Bacteriology and Public Health Research Funds from the rate of \$3,232 Term AHT50 (\$6,464 A rate) April 1 to June 30, 1964 to \$556 Term CHT50 (\$6,667 A rate) July 1 to August 31, 1964

Delmar R Finco Research Fellow Veterinary Medicine and Clinics Research Funds from \$3,000 Term CT (\$7,200 A rate) February 1 to June 30, 1964 to \$4,550 Term CT (\$7,800 A rate) July 1, 1964 to January 31, 1965

Helene B Folsom Research Fellow Veterinary Bacteriology and Public Health Research Funds from \$1,195 Term AHT18 (\$6,641 A rate) for 1963-64 to \$1,195 Term AHT18 (\$6,667 A rate) for 1964-65

Vaughn L Larson Research Fellow Veterinary Medicine and Clinics Research Funds from \$1,167 Term CT (\$7,000 A rate) May 1 to June 30, 1964 to \$6,250 Term CT (\$7,500 A rate) July 1, 1964 to April 30, 1965

Warren W Marquardt Research Fellow Veterinary Bacteriology and Public Health Research Funds from \$5,387 Term CT (\$6,464 A rate) September 1, 1963 to June 30, 1964 to \$3,333 Term CT (\$6,667 A rate) July 1 to December 31, 1964

Garth E Miller Research Fellow Veterinary Physiology and Pharmacology Research Funds from \$4,423 Term CT (\$6,216 A rate) October 15, 1963 to June 30, 1964 to \$1,000 Term CHT90 (\$6,667 A rate) July 1 to August 31, 1964

William E Moore Research Fellow Veterinary Medicine and Clinics Research Funds from \$3,500 Term CT (\$7,000 A rate) January 1 to June 30, 1964 to \$3,750 Term CT (\$7,500 A rate) July 1 to December 31, 1964

Jerry B Stevens Research Fellow Veterinary Medicine and Clinics Research Funds from \$1,167 Term CT (\$7,000 A rate) May 1 to June 30, 1964 to \$6,250 Term CT (\$7,500 A rate) July 1, 1964 to April 30, 1965

Lawrence M Christenson Agricultural Extension Agent Farm and Home Development Assistant Professor Agricultural Extension Service from \$8,450 (\$3,425 University \$5,025 Waseca Farm and Home Management Association) Term AH41 to \$8,450 Term A for 1964-65

Floyd W Jorgensen Beltrami County County Extension Agent Assistant Professor Agricultural Extension Service from the rate of \$7,925 Term A January 1 to June 30, 1964 to \$8,200 Term A for 1964-65

Harriet E Meldahl St Louis (South) County Home Economist in Rehabilitation Agricultural Extension Service from the rate of \$3,150 Term AHT50 (\$6,300 A rate) January 1 to June 30, 1964 to \$3,300 Term AHT50 (\$6,600 A rate) for 1964-65

Harrison L Morton Assistant Agricultural Extension Specialist Plant Pathology Agricultural Extension Service from \$518 Term CT (\$6,216 A rate) June 1-30, 1964 to \$1,111 for 100% time July 1 to August 15, 1964 and 50% time August 16 to September 15, 1964 (\$6,667 A rate)

William S Penning Agricultural Extension Agent Farm and Home Development Assistant Professor Agricultural Extension Service from \$8,180 (\$4,340 University \$3,840 Northwest Farm Management Association) Term AH53 to \$8,180 Term A for 1964-65

Lyle M Ross Agricultural Extension Agent Farm Management Instructor Agricultural Extension Service from \$7,800 (\$900 University \$6,900 Southwest Farm Management Association) Term AH12 to \$7,800 Term A for 1964-65

Donald B McKeon Teaching Assistant Romance Languages from the rate of \$2,831 Term BH65 (\$4,356 B rate) December 16, 1963 to June 15, 1964 to \$3,267 Term BH75 (\$4,356 B rate) for 1963-64

Ruth F Zink Teaching Assistant Physical Education for Women from \$2,178 Term BH50 to the rate of \$2,962 Term BH68 May 16 to June 15, 1964

Kathryn K Christenson Administrative Fellow Graduate School from \$2,200 Term BH50 to \$2,933 Term AH50 for 1964-65

Ahmad Nakib Medical Fellow Specialist Surgery from \$1,775 plus tuition and fees Term C (\$3,550 plus tuition and fees A rate) January 1 to June 30, 1964 to with salary paid directly by Miller Hospital July 1 to December 31, 1964

William G Manax Medical Fellow Specialist Surgery Research Funds from the rate of \$5,400 plus tuition and fees Term AT January 1 to June 30, 1964 to \$3,000 plus tuition and fees Term CT (\$6,000 plus tuition and fees A rate) July 1 to December 31, 1964

Melvin J Goldberg Medical Fellow Specialist Physical Medicine and Rehabilitation Research Funds from the rate of \$4,900 plus tuition and fees Term AT July 1, 1963 to February 13, 1964 and the rate of \$5,350 plus tuition and fees Term AT February 14 to June 30, 1964 to the rate of \$5,100 plus tuition and fees Term AT September 1, 1963 to February 13, 1964 and the rate of \$5,550 plus tuition and fees Term AT February 14 to June 30, 1964

Roger P Hallin Medical Fellow Specialist Physical Medicine and Rehabilitation Research Funds from \$9,750 plus tuition and fees Term AT to the rate of \$10,250 plus tuition and fees Term AT September 1, 1963 to June 30, 1964

John F Lane Medical Fellow Specialist Physical Medicine and Rehabilitation Research Funds from \$5,700 plus tuition and fees Term AT to the rate of \$6,350 plus tuition and fees Term AT September 1, 1963 to June 30, 1964 and to \$7,850 plus tuition and fees Term AT for 1964-65

Loren R Leslie Medical Fellow Specialist Physical Medicine and Rehabilitation Research Funds from \$5,350 plus tuition and fees Term AT to the rate of \$5,450 plus tuition and fees Term AT September 1, 1963 to June 30, 1964 and to \$6,950 plus tuition and fees Term AT for 1964-65

Barry Miller Medical Fellow Specialist Physical Medicine and Rehabilitation Research Funds from \$4,900 plus tuition and fees Term AT to the rate of \$5,100 plus tuition and fees Term AT September 1, 1963 to June 30, 1964

Teofilo L Evangelista Medical Fellow Anesthesiology from \$3,150 plus tuition and fees Term AT to with salary paid directly by the Veterans Administration Hospital June 22, 1964 to June 30, 1965

Ching L Hwang Accountant Business Office from \$5,400 Term AX for 1963-64 to \$5,616 Term AX for 1964-65

David C Berg Personnel Services Representative Trainee Office of Civil Service Personnel from the rate of \$6,312 Term A April 1 to June 30, 1964 to \$6,564 Term A for 1964-65

E Thomas Dowd Personnel Services Representative Trainee Office of Civil Service Personnel from the rate of \$5,844 Term A April 1 to June 30, 1964 to \$6,072 Term A for 1964-65

LeRoy C Ponto Personnel Assistant Trainee Office of Civil Service Personnel from the rate of \$4,992 Term A May 4 to June 30, 1964 to \$5,196 Term A for 1964-65

Catherine R Chapman Clerk Chemical Storehouse from \$2,880 Term A for 1963-64 to \$3,000 Term A for 1964-65

Aldona Millers Senior Clerk-Typist School of Physics from the rate of \$3,504 Term ATX September 6, 1963 to June 30, 1964 to \$3,648 Term ATX for 1964-65

Alma M Hanson Senior Clerk-Typist Medicine Research Funds from \$3,648 Term AT for 1963-64 to \$3,792 Term AT for 1964-65

Susanne M Brugler Secretary Surgery at \$2,220 Term AH50 to receive \$2,220 for 50% additional time Surgery Research Funds for 1964-65

The following salary adjustments in the University of Minnesota Hospitals Term AT

		Annual Salary 1963-64	Annual Salary 1964-65
Ethel J Ames	Clerk	\$2,880	\$3,000
Patricia Fisher	Assistant Head Hospital Nurse	5,400	5,844
Merry Ann L Sauls	Senior Dietitian	5,400	5,616
Mary E Stevens	Hospital Aide	3,504	3,648

The following salary adjustments in the University of Minnesota Hospitals Term AX

		Annual Salary 1963-64	Annual Salary 1964-65
Erick A Ferngren	Hospital Janitor	\$4,272	\$4,440
Elvi T Ornelas	General Staff Nurse	5,400	5,616
Marion A Quist	Senior Clinic Nurse	6,072	6,312
Marjorie R Ronald	General Staff Nurse	4,992	5,400
Frances L Sinder	General Staff Nurse	4,992	5,400
Gerda Soergel	Assistant Head Hospital Nurse	5,844	6,072
Rosa S Trevellyan	General Staff Nurse	4,992	5,196

Jeanne Becht Senior Clinic Nurse University of Minnesota Hospitals from the rate of \$5,616 Term AT March 2 to June 30, 1964 to \$6,072 Term AT for 1964-65

Renee M Bergstein Practical Nurse University of Minnesota Hospitals from \$4,104 Term A to \$3,948 Term A for 1964-65

Joanne H Braun General Staff Nurse University of Minnesota Hospitals from the rate of \$4,800 Term AX December 2, 1963 to June 30, 1964 to \$5,196 Term AX for 1964-65

Rosemary Braun Medical Records Typist University of Minnesota Hospitals from \$4,104 Term A to the rate of \$4,272 Term A June 1, 1964 to June 30, 1965

Ardis M Brown Junior Scientist University of Minnesota Hospitals from the rate of \$6,564 Term AT December 1, 1963 to June 30, 1964 to \$6,828 Term AT for 1964-65

Barbara J Buchwalter General Staff Nurse University of Minnesota Hospitals from the rate of \$4,800 Term AT April 20 to June 30, 1964 to \$5,196 Term AT for 1964-65

Donna M Diachok X-ray Technician University of Minnesota Hospitals from the rate of \$4,104 Term AT September 1, 1963 to June 30, 1964 to \$4,272 Term AT for 1964-65

Joan F Dickie Practical Nurse University of Minnesota Hospitals from the rate of \$3,648 Term AX April 16 to June 30, 1964 to \$3,792 Term AX for 1964-65

Barbara A Drybrough General Staff Nurse University of Minnesota Hospitals from the rate of \$4,800 Term AX June 1-30, 1964 to \$4,992 Term AX for 1964-65

Gisela Eisenbeiss Senior Clerk-Typist University of Minnesota Hospitals from the rate of \$3,504 Term ATX December 1, 1963 to June 30, 1964 to \$3,648 Term AX for 1964-65

Mildred L Elstad Hospital Nursing Supervisor University of Minnesota Hospitals from the rate of \$7,392 Term AT October 1, 1963 to June 30, 1964 to \$1,758 Term CT (\$8,004 A rate) July 1 to September 20, 1964

Eileen Erickson General Staff Nurse University of Minnesota Hospitals from the rate of \$4,800 Term AX July 16, 1963 to June 30, 1964 to \$5,196 Term AX for 1964-65

Linda M Fry Laboratory Technician University of Minnesota Hospitals from the rate of \$3,240 Term AT October 1, 1963 to June 30, 1964 to \$3,372 Term AT for 1964-65

Jean B Hassing Head Hospital Nurse University of Minnesota Hospitals from the rate of \$6,072 Term A April 13 to June 30, 1964 to \$6,312 Term A for 1964-65

Roger T Hovland X-ray Technician University of Minnesota Hospitals from the rate of \$4,104 Term AT September 16, 1963 to June 30, 1964 to \$4,272 Term AT for 1964-65

Olga Kovalevsky Custodial Worker University of Minnesota Hospitals from the rate of \$2,880 Term AX September 9, 1963 to June 30, 1964 to \$3,000 Term AX for 1964-65

Shelley T Malkin Social Worker University of Minnesota Hospitals from the rate of \$5,400 Term AX August 1, 1963 to June 30, 1964 to \$5,616 Term AX for 1964-65

Greta M Molund General Staff Nurse University of Minnesota Hospitals from the rate of \$4,992 Term AX September 2, 1963 to June 30, 1964 to \$5,400 Term AX for 1964-65

Berit J Nilsen General Staff Nurse University of Minnesota Hospitals from the rate of \$4,800 Term AX March 16 to June 30, 1964 to \$4,992 Term AX for 1964-65

Asa Patrick Hospital Orderly University of Minnesota Hospitals from the rate of \$3,504 Term AX January 1 to June 30, 1964 to \$3,648 Term AX for 1964-65

Catherine M Raithby General Staff Nurse University of Minnesota Hospitals from the rate of \$4,800 Term AX October 7, 1963 to June 30, 1964 to \$5,196 Term AX for 1964-65

Doris C Scholz Hospital Aide University of Minnesota Hospitals from the rate of \$3,120 Term ATX September 16, 1963 to June 30, 1964 to \$3,240 Term AX for 1964-65

Barbara Stratton General Staff Nurse University of Minnesota Hospitals from the rate of \$4,800 Term AX September 16, 1963 to June 30, 1964 to \$5,196 Term AX for 1964-65

Mary Jane Van Dusen General Staff Nurse University of Minnesota Hospitals Research Funds from the rate of \$4,800 Term AT April 20 to June 30, 1964 to \$4,992 Term AT for 1964-65

Jean M Weldon X-ray Technician University of Minnesota Hospitals from the rate of \$4,104 Term AT September 3, 1963 to June 30, 1964 to \$4,272 Term AT for 1964-65

Virginia Yamada Senior Clerk-Typist University of Minnesota Hospitals from the rate of \$3,504 Term AT December 16, 1963 to June 30, 1964 to \$3,648 Term AT for 1964-65

Rosalee Levine Senior Clerk-Typist Correspondence Study Instruction from \$3,792 Term A to the rate of \$3,948 Term A February 20 to June 30, 1964

Young-Jin Kim Junior Librarian Library from \$5,844 Term AX for 1963-64 to \$6,072 Term AX for 1964-65

Lois M Ancel Senior Clerk-Typist Agricultural Economics Research Funds from the rate of \$3,504 Term AT December 16, 1963 to June 30, 1964 to \$3,648 Term AT for 1964-65

Verna R Hoverman Senior Statistical Clerk Agricultural Economics Research Funds from \$3,648 Term AT for 1963-64 to \$3,792 Term AT for 1964-65

Mauritz A Linder Experimental Plot Supervisor Agronomy and Plant Genetics Research Funds from the rate of \$4,992 Term AT April 16 to June 30, 1964 to \$5,196 Term AT for 1964-65

Robert E Norton Laboratory Technologist Agronomy and Plant Genetics Research Funds from \$5,196 Term AT for 1963-64 to \$5,400 Term AT for 1964-65

Bernard O Grinstead Senior Laborer Dairy Husbandry Research Funds from \$4,272 Term AT for 1963-64 to \$4,440 Term AT for 1964-65

Roy I Hawkins Senior Herdsman Dairy Husbandry Research Funds from the rate of \$5,400 Term AT August 16, 1963 to June 30, 1964 to \$5,616 Term AT for 1964-65

Marianne E Holmes Secretary Dairy Husbandry Research Funds from \$3,948 Term AT for 1963-64 to \$4,104 Term AT for 1964-65

LeRoy J Pederson Senior Laborer Dairy Husbandry from the rate of \$3,792 Term AT October 1, 1963 to June 30, 1964 to \$3,948 Term AT for 1964-65

Gerald J Haidan Laboratory Technologist Poultry Science Research Funds from the rate of \$5,196 Term AT November 18, 1963 to June 30, 1964 to \$2,700 Term CT (\$5,400 A rate) July 1 to December 31, 1964

Roy R Anderson Senior Engineer Plant Services from \$9,744 Term A for 1963-64 to \$10,128 Term A for 1964-65

Albert D Cohen Engineer Plant Services from the rate of \$8,328 Term A October 1, 1963 to June 30, 1964 to \$8,664 Term A for 1964-65

Howard W Heck Senior Engineer Plant Services from \$9,744 Term A for 1963-64 to \$10,128 Term A for 1964-65

Donald L Holberg Senior Engineer Plant Services from the rate of \$9,012 Term A October 1, 1963 to June 30, 1964 to \$9,372 Term A for 1964-65

Evan B Merz Principal Engineer Plant Services from \$10,128 Term A for 1963-64 to \$10,536 Term A for 1964-65

Harvey A Ramlow Engineer Plant Services from the rate of \$8,328 Term A October 1, 1963 to June 30, 1964 to \$8,664 Term A for 1964-65

Charles H Self Construction Superintendent Plant Services from \$9,012 Term A for 1963-64 to \$9,372 Term A for 1964-65

Marie A Evers Custodial Worker Comstock Hall from \$3,240 Term AX for 1963-64 to \$3,372 Term AX for 1964-65

Karel N Tangen Clerk-Typist University Health Service from \$2,160 Term B to the rate of \$2,880 Term A June 16, 1964 to June 30, 1965

Sandra L Ursel Senior Laboratory Technician University Health Service from \$4,440 Term AX for 1963-64 to \$4,620 Term AX for 1964-65

Merle D Ritchie Senior Clerk Mimeograph and Bulletins from \$3,648 Term AX for 1963-64 to \$3,792 Term AX for 1964-65

Aija Vitols Secretary Laboratory Medicine Research Funds from the rate of \$3,792 Term A December 23, 1963 to June 30, 1964 to \$3,948 Term A for 1964-65

Adrian R Swanson Assistant Scientist School of Chemistry Research Funds from \$7,104 Term AT for 1963-64 to \$7,392 Term AT for 1964-65

Catherine M Peters Key Punch Operator Trainee Numerical Analysis Center from the rate of \$3,000 Term A May 11 to June 30, 1964 to \$3,120 Term A for 1964-65

Mary R Spalding Senior Clerk Intercollegiate Athletics from \$3,078 Term AH75 (\$4,104 A rate) for 1963-64 to \$3,204 Term AHL75 (\$4,272 A rate) for 1964-65

Marlys L Hillmer Clerk-Stenographer School of Social Work Research Funds from the rate of \$3,120 Term AT October 28, 1963 to June 30, 1964 to \$3,240 Term AT for 1964-65

Verona M Thompson Clerk-Stenographer School of Social Work Research Funds from \$3,120 Term AT for 1963-64 to \$3,240 Term AT for 1964-65

Beverly J Kaemmer Secretary Psychology Research Funds from \$3,792 Term AT for 1963-64 to \$3,948 Term AT for 1964-65

Peteris V Auzins Assistant Scientist School of Chemistry Research Funds from \$3,552 Term CT (\$7,104 A rate) January 1 to June 30, 1964 to \$7,392 Term AT for 1964-65 (subject to availability of funds)

Elba T Gros Senior Laboratory Technician School of Chemistry Research Funds from \$4,104 Term AT for 1963-64 to \$1,780 Term CT (\$4,272 A rate) July 1 to November 30, 1964

Fricis Dravnieks Assistant Scientist School of Chemistry Research Funds from the rate of \$7,104 Term AT June 1-30, 1964 to \$2,156 Term CT (\$7,392 A rate) July 1 to October 15, 1964

Ralph W Fuchs Junior Engineer School of Physics Research Funds from \$6,312 Term AT for 1963-64 to \$3,282 Term CT (\$6,564 A rate) July 1 to December 31, 1964

Robert B F Nelson Electronics Mechanic School of Physics Research Funds from \$6,072 Term AT for 1963-64 to \$6,312 Term AT for 1964-65

Igal Amiri Engineering Assistant Agricultural Engineering Research Funds from \$1,295 Term CTX (\$4,440 A rate) March 16 to June 30, 1964 to \$193 Term CTX (\$4,620 A rate) July 1-15, 1964 (terminated)

Delores V Ness Senior Clerk-Typist Agronomy and Plant Genetics Research Funds from the rate of \$3,504 Term AT December 1, 1963 to June 30, 1964 to \$3,648 Term AT for 1964-65

Valerie K Olness Laboratory Technician Agronomy and Plant Genetics Research Funds from the rate of \$3,240 Term ATX July 29, 1963 to June 30, 1964 to \$3,372 Term ATX for 1964-65

Gordon R Pryor Junior Scientist Agronomy and Plant Genetics Research Funds from \$5,616 Term AT for 1963-64 to \$5,844 Term AT for 1964-65

Ann Marie T Schneider Laboratory Technician Agronomy and Plant Genetics Research Funds from \$843 Term CT (\$3,372 A rate) April 1 to June 30, 1964 to \$3,504 Term AT for 1964-65

Ove A Braskerud Senior Laboratory Animal Attendant Animal Husbandry Research Funds from the rate of \$4,104 Term AT August 19, 1963 to June 30, 1964 to \$4,272 Term AT for 1964-65

Lynn C Meinhofer Senior Laboratory Technician Trainee Poultry Science Research Funds from the rate of \$3,648 Term AT April 27 to June 30, 1964 to \$1,580 Term CT (\$3,792 A rate) July 1 to November 30, 1964

Donald Westerberg Experimental Plot Supervisor Agronomy and Plant Genetics Research Funds from \$5,196 Term AT for 1963-64 to \$5,400 Term AT for 1964-65

Sandra S Nelson Senior Clerk-Typist Comprehensive Clinic from the rate of \$3,504 Term AT August 12, 1963 to June 30, 1964 to \$3,648 Term AT for 1964-65

Audrey J Berge Senior Laboratory Technician Anatomy Research Funds from \$4,104 Term AT for 1963-64 to \$4,272 Term AT for 1964-65

Eilene M Harris Senior Laboratory Technician Anatomy Research Funds from \$4,104 Term AT for 1963-64 to \$4,272 Term AT for 1964-65

Eliot R Marhenke Junior Scientist Anatomy Research Funds from \$5,844 Term AT for 1963-64 to \$6,072 Term AT for 1964-65

Skaidra S Ogrins Senior Laboratory Technician Anatomy Research Funds from \$4,272 Term AT for 1963-64 to \$4,440 Term AT for 1964-65

Robert L Sorenson Laboratory Technologist Anatomy Research Funds from \$5,196 Term AT for 1963-64 to \$5,400 Term AT for 1964-65

Bernice Uittenbogaard Senior Laboratory Technician Medicine Research Funds from \$3,560 Term CT (\$4,272 A rate) September 1, 1963 to June 30, 1964 to \$4,440 Term AT for 1964-65

Tatiana Ivanov Junior Scientist Pathology Research Funds from \$6,564 Term AT for 1963-64 to \$6,828 Term AT for 1964-65

Joseph L. Leong Scientist Pathology Research Funds from the rate of \$9,372 Term AT October 1, 1963 to June 30, 1964 to \$9,744 Term AT for 1964-65

Erika C Lewis Senior Laboratory Technician Pathology Research Funds from the rate of \$4,104 Term ATX November 15, 1963 to June 30, 1964 to \$4,272 Term ATX for 1964-65

Donna M Matuska Laboratory Attendant Pathology Research Funds from the rate of \$2,772 Term AT November 12, 1963 to June 30, 1964 to \$2,880 Term AT for 1964-65

Leonard D Walter Senior Laboratory Animal Attendant Pathology Research Funds from \$4,620 Term AT for 1963-64 to \$4,800 Term AT for 1964-65

Mary Lou Zimmer Laboratory Technician Pathology Research Funds from \$2,700 Term CT (\$3,240 A rate) September 1, 1963 to June 30, 1964 to \$3,372 Term AT for 1964-65

Josephine Bertish Senior Laboratory Technician Pharmacology Research Funds from the rate of \$4,104 Term AT November 16, 1963 to June 30, 1964 to \$4,272 Term AT for 1964-65

Theodora M Danielson Junior Scientist Pharmacology Research Funds from \$5,844 Term ATX for 1963-64 to \$6,072 Term AT for 1964-65

Shirley J Green Senior Laboratory Technician Pharmacology Research Funds from \$4,104 Term AT for 1963-64 to \$4,272 Term AT for 1964-65

Robert C McElmury Laboratory Technologist Pharmacology Research Funds from the rate of \$5,196 Term AT October 28, 1963 to June 30, 1964 to \$5,400 Term AT for 1964-65

Sandra F Nelson Account Clerk Pharmacology Research Funds from the rate of \$3,648 Term AT March 16 to June 30, 1964 to \$3,792 Term AT for 1964-65

Axel Carlson Principal Laboratory Animal Attendant Physiology Research Funds from \$3,276 Term CT (\$5,616 A rate) December 1, 1963 to June 30, 1964 to \$5,844 Term AT for 1964-65

Charles A Damann Laboratory Animal Attendant Physiology Research Funds from \$2,492 Term CT (\$4,272 A rate) December 1, 1963 to June 30, 1964 to \$4,440 Term AT for 1964-65

Bonnie J Brasseur Senior Laboratory Technician Surgery Research Funds from \$2,081 Term CT (\$4,104 A rate) December 28, 1963 to June 30, 1964 to \$2,136 Term CT (\$4,272 A rate) July 1 to December 31, 1964

Helen M Donahue Laboratory Technologist Surgery Research Funds from \$468 Term CT (\$5,616 A rate) June 1-30, 1964 to \$5,844 Term AT for 1964-65

Gregory H Foley Senior Laboratory Animal Attendant Surgery Research Funds from \$2,052 Term CT (\$4,104 A rate) January 1 to June 30, 1964 to \$2,136 Term CT (\$4,272 A rate) July 1 to December 31, 1964

Arlis M Hall Senior Clerk-Typist Surgery Research Funds from \$3,648 Term AT for 1963-64 to \$1,896 Term CT (\$3,792 A rate) July 1 to December 31, 1964

Herbert R Halvorson Junior Scientist Surgery Research Funds from \$2,723 Term CT (\$5,616 A rate) January 7 to June 30, 1964 to \$2,922 Term CT (\$5,844 A rate) July 1 to December 31, 1964

Les Hickman Senior Laboratory Animal Attendant Surgery Research Funds from \$3,560 Term CT (\$4,272 A rate) September 1, 1963 to June 30, 1964 to \$2,220 Term CT (\$4,440 A rate) July 1 to December 31, 1964

Arthur G LeDoux Principal Laboratory Animal Attendant Surgery Research Funds from \$866 Term CT (\$5,196 A rate) May 1 to June 30, 1964 to \$2,700 Term CT (\$5,400 A rate) July 1 to December 31, 1964

Dawn M Sturtevant Senior Laboratory Technician Surgery Research Funds from \$740 Term CT (\$4,440 A rate) May 1 to June 30, 1964 to \$2,310 Term CT (\$4,620 A rate) July 1 to December 31, 1964

Karen R Wegner Secretary Surgery Research Funds from \$1,368 Term CT (\$3,648 A rate) February 16 to June 30, 1964 to \$1,896 Term CT (\$3,792 A rate) July 1 to December 31, 1964

Leaves of Absence

Will M Myers Dean and Professor of Plant Genetics Office of International Programs leave without salary July 1-31, 1964 to attend Summer Study Group on Agricultural Productivity in Underdeveloped Countries organized by the Center for International Studies Massachusetts Institute of Technology

John W Clark Professor and Chairman English leave without salary July 1-31, 1964 for personal reasons

Robert T Holt Professor Political Science sabbatical furlough for 1964-65 for research and advanced study

Benjamin E Lippincott Professor Political Science leave without salary for the fall quarter of 1964-65 for research and writing

Wallace A Russell Professor Psychology sabbatical furlough September 16, 1964 to March 15, 1965 to pursue special study of the history of psychology with emphasis on the area of motivational psychology with time to be spent at the Harvard library and Tulane University

Arnold M Rose Professor Sociology sabbatical furlough September 16, 1964 to March 15, 1965 to visit departments of sociology in India Pakistan and Ceylon to ascertain development of sociology in South Asia and to give lectures to those universities under the auspices of the United States State Department

Ralph E Rapson Professor and Head School of Architecture leave without salary for the fall quarter of 1964-65 to serve as Visiting Professor at Princeton University

Katsuhiko Ogata Professor Mechanical Engineering leave without salary for 1964-65 to return to Japan for a minimum period of one year under the exchange-visitor program

Ephraim M Sparrow Professor Mechanical Engineering leave with salary December 3, 1964 to January 12, 1965 to accept an invitation by the Commonwealth Scientific and Industrial Research Organization of Australia to visit their laboratories engaged in heat and mass transfer research and to present a paper at the Thermodynamics Conference in Melbourne

Stanley Bruckenstein Professor and Chief Division of Analytical Chemistry School of Chemistry leave without salary October 1, 1964 to March 15, 1965 to work in Moscow with Academician A N Frumkin Director of the Institute of Electrochemistry of the Academy of Sciences of the USSR as part of a scientific exchange between the United States National Academy of Sciences and the Soviet Academy of Sciences

Keith N McFarland Professor Director of Resident Instruction and Assistant Dean College of Agriculture Forestry and Home Economics leave with salary August 3-15, 1964 for annual military training

Harald R Jensen Professor Agricultural Economics sabbatical furlough October 1, 1964 to June 30, 1965 for postdoctoral study of developing theoretical constructs, research methodology and empirical analyses and of teaching programs in agricultural economics generally and in farm management or production economics specifically with time to be spent in Denmark Norway Sweden and Finland

Howard A Morris Professor Dairy Industries leave with salary August 17-29, 1964 for annual military service

Florence A Ehrenkranz Professor School of Home Economics leave without salary August 24 to September 15, 1964 to work on revision of her book "Equipment in the Home" by Ehrenkranz and Inman

Elton L Johnson Professor and Head Poultry Science leave without salary August 16, 1964 to June 30, 1965 to serve as Director of the International Rural Development Office of the Association of State University and Land-Grant Colleges in Washington DC

Delbert C Hastings Professor School of Business Administration Quantitative Analysis leave without salary for 1964-65 to serve as an adviser to the Department of Statistics of the Hashemite Kingdom of Jordan and to assist in establishing an Institute of Statistics for the training of personnel for their government

Francis J Sorauf Associate Professor Political Science leave without salary for 1964-65 to serve as Lecturer on a Fulbright Scholarship of the School of Advanced International Studies of Johns Hopkins University at Bologna Italy

Benjamin F Bayman Associate Professor School of Physics leave without salary September 16 to December 15, 1964 unable to leave Princeton as planned

C William Rudelius, Jr Assistant Professor Business Functions and Management leave without salary for 1964-65 to do business and economic research for the North Star Research and Development Institute

Elia M Ayoub Assistant Professor Pediatrics Research Funds continuation of leave with salary July 1, 1964 to April 30, 1965 to serve as an Established Investigator of the Helen Hay Whitney Foundation at the Rockefeller Foundation

James J Peifer Research Associate The Hormel Institute continuation of leave without salary for 1964-65 to be paid by the American Heart Association on the basis of an Established Investigatorship

Thomas G Boman Instructor Student Teaching College of Education continuation of 25% time leave without salary for 1964-65 to work toward the PhD degree

Beverly D Miller Instructor Graduate School leave without salary August 1, 1964 to June 30, 1965 to live in Europe

Gary L Sheldon Instructor Southern School of Agriculture leave with salary June 22 to July 3, 1964 for annual military training

William LaBissonier Instructor and Librarian Library leave without salary August 10 to September 18, 1964 to travel in Europe

Carol L Urness Instructor and Librarian Library leave without salary August 6 to September 4, 1964 to travel in Europe

Jerry D Dolence Research Fellow Mines Experiment Station leave with salary July 25 to August 7, 1964 for annual military training

Harald H O Schmid Research Fellow The Hormel Institute continuation of leave without salary June 1 to July 15, 1964 for personal reasons

Sharon P Gilsrud Marshall County Assistant County Home Agent Instructor Agricultural Extension Service leave without salary July 1 to September 30, 1964 on account of pregnancy

David E Maschwitz Teaching Assistant Entomology Fisheries and Wildlife Research Funds continuation of leave without salary July 1-31 to attend Special Session at Itasca

Bonnie M Hohn Research Assistant Entomology Fisheries and Wildlife Research Funds continuation of leave without salary July 1 to September 15, 1964 to conduct research on ground squirrels at Itasca under the auspices of the National Science Foundation

Sharon L Clyde Senior Clerk-Typist Office of the President leave without salary June 11-19, 1964 on account of a death in the family

Roberta J DeGeer Key Punch Operator Data Processing Center leave without salary April 23 to May 15, 1964 on account of accident

Robert D Rhame Senior Laboratory Machinist Scientific Apparatus Services continuation of leave without salary June 1-30, 1964 on account of Surgery

Marie A Puskas Clerk-Typist Geography leave without salary June 15 to September 25, 1964 to accompany husband to Canada

Elaine G Skoog Principal Secretary College of Pharmacy leave without salary April 16 to May 3, 1964 for personal reasons

Alvhild M Berggren Hospital Nursing Supervisor University of Minnesota Hospitals continuation of leave without salary July 1 to September 20, 1964 to attend school

Karla Erickson Hospital Aide University of Minnesota Hospitals continuation of leave without salary July 1-5, 1964 on account of pregnancy

Mary Faison Custodial Worker University of Minnesota Hospitals continuation of leave without salary May 16-31, 1964 on account of illness

Thelma L Garza Food Service Worker University of Minnesota Hospitals continuation of leave without salary June 15 to August 14, 1964 for surgery

Mark L Hansen Hospital Orderly University of Minnesota Hospitals continuation of leave without salary for 1964-65 for military service

Mavis F Hawkinson Principal Medical Technologist University of Minnesota Hospitals leave without salary July 27 to August 26, 1964 for trip to Europe

Jeffrey Howe Hospital Orderly University of Minnesota Hospitals leave with salary June 15-28, 1964 for annual military training

Ardis Johnson Elevator Operator University of Minnesota Hospitals leave without salary June 16 to September 7, 1964 for trip to Europe

Joanne M Kerns Student Technologist Supervisor University of Minnesota Hospitals leave without salary July 28 to September 30, 1964 for trip to Europe

Valois F Lantz General Staff Nurse University of Minnesota Hospitals continuation of leave without salary July 1 to August 2, 1964 on account of pregnancy

Margaret K Lefavor Laboratory Attendant University of Minnesota Hospitals continuation of leave without salary June 1 to July 15, 1964 on account of injury at work

Stella Nelson General Staff Nurse University of Minnesota Hospitals leave without salary May 25-29, 1964 for vacation

Minerva Norell General Staff Nurse University of Minnesota Hospitals continuation of leave without salary June 1-30, 1964 on account of illness in family

Janet O'Hollearn Practical Nurse University of Minnesota Hospitals leave without salary May 8-18, 1964 on account of surgery

Paul K Perkins Hospital Orderly University of Minnesota Hospitals continuation of leave without salary for 1964-65 for military service

Doris M E Rodd Head Hospital Nurse University of Minnesota Hospitals leave without salary June 23 to December 31, 1964 on account of pregnancy

Florence Schiller Custodial Worker University of Minnesota Hospitals leave without salary May 25-29, 1964 on account of illness

Genevieve Scholtes Hospital Nursing Supervisor and Instructor University of Minnesota Hospitals continuation of leave without salary July 1 to August 30, 1964 on account of illness

Flora Schroerer Food Service Worker University of Minnesota Hospitals continuation of leave without salary July 1-30, 1964 on account of surgery

James D Stoesz Hospital Orderly University of Minnesota Hospitals leave without salary June 13-28, 1964 for annual military training

Janet C Svardal Student Technologist Supervisor University of Minnesota Hospitals leave without salary July 31 to September 13, 1964 on account of pregnancy

Robert L Bauer Senior Laboratory Machinist Trainee School of Physics Research Funds leave without salary May 22-31, 1964 for vacation

Lawrence S Olson Electronics Mechanic School of Physics Research Funds continuation of leave without salary July 1 to December 31, 1964 for military service

Betty T Girling Senior Program Supervisor Department of Radio and Television leave without salary June 1-15, 1964 on account of illness

Audrey B Legg Program Supervisor—KUOM Department of Radio and Television leave without salary July 7 to August 19, 1964 to study at Stanford University

Frank L Murphy Building Caretaker Plant Services leave without salary June 3-15, 1964 on account of illness

Joseph E Steffel Building Caretaker Plant Services leave without salary May 13-19, 1964 for personal reasons

Joseph A Hunsanger Building Caretaker Plant Services Duluth leave without salary September 5, 1963 to June 5, 1964 for personal reasons

Nina W Doolittle Assistant Cook Shevlin Hall Food Service leave without salary June 12-30, 1964 on account of Shevlin Hall closing

Bertha N Eide Salad Maker Shevlin Hall Food Service leave without salary June 15-30, 1964 on account of Shevlin Hall closing

Elsie L Martin Food Service Supervisor Coffman Union Food Service leave without salary June 12-30, 1964 on account of Gopherette closing

Jennie Stock Clerk Coffey Hall Bookstore leave without salary June 3-30, 1964 for vacation

Marguerite Fog Clerk-Typist University Health Service leave without salary June 23 to August 31, 1964 for vacation

Mabel M Kinnane General Staff Nurse University Health Service continuation of leave without salary for 1964-65 on account of illness

Kathleen A Kubinski Laboratory Technician University Health Service leave without salary July 6 to September 23, 1964 for a trip to Europe

Richard C Rost Storehouse Stock Clerk Nicholson Hall Bookstore leave without salary July 1 to September 30, 1964 for military service

Louise Antolik Laundry Worker University Laundry continuation of leave without salary June 1-16, 1964 on account of illness

Elaine H Jones Laundry Worker University Laundry continuation of 100% time leave without salary May 30 to June 5, 1964 and 50% time leave without salary June 8-10, 1964 on account of illness

Jack N Mackey Building Caretaker Plant Services continuation of leave without salary for 1964-65 for military service

Charlotte S Hastings Senior Clerk-Typist Minnesota School Mathematics and Science Center leave without salary June 3-15, 1964 on account of illness

Chrystle L Mortensen Senior Laboratory Technician Pediatrics Research Funds continuation of leave without salary July 1 to September 11, 1964 to care for family

Gerald A Baumann Laboratory Animal Attendant Surgery Research Funds leave without salary July 1 to December 31, 1964 for military service

Georgia G Lindberg Electroencephalography Technician Psychiatry and Neurology Research Funds leave without salary June 15-30, 1964 to accompany husband who is going to work out of town

M Katherine Burkwall Junior Scientist Veterinary Medicine and Clinics Research Funds leave without salary June 8-19, 1964 for vacation

CONTRACTS AND GRANTS

Voted to approve the following contracts and grants:

U. S. Department of Agriculture

Master Memorandum of Understanding, Supplement No. 20 providing temporary greenhouse facilities for conducting cooperative research on the control of weeds, effective June 10, 1964, filed supplement to the minutes, page 16,777

12-17-0017-42 renewal of Cooperative Agreement awarding funds in the amount of \$6,000, the total becoming \$18,000 for the period July 1, 1964 to June 30, 1965, Agricultural Economics, filed supplement to the minutes, page 16,778

12-17-07-6-50 for An Analysis of Present and Potential Conflicts Between Domestic Agricultural Policies and Foreign Trade, awarding funds in the amount of \$20,000 for the period June 12, 1964 to June 12, 1966, Agricultural Economics, filed supplement to the minutes, page 16,779

Purchase Order No. ENT-796-ARS-64 for consultations on Time Series Analyses on Electrophysiology of the Modern Cockroach, allotting funds of \$450, Pathology, filed supplement to the minutes, page 16,780

Asc-858 renewal of Cooperative Agreement with Soil and Water Conservation Research Division for the period July 1, 1964 through June 30, 1965, Agricultural Experiment Station, filed supplement to the minutes, page 16,781

12-14-100-2058 (44) renewal of Cooperative Agreement awarding funds of \$10,000 the total contract amount becoming \$74,600 for the period July 1, 1964 to June 30, 1965, Animal Husbandry, filed supplement to the minutes, page 16,782

12-14-100-2346 (41), Amendment No. 3 to Cooperative Agreement increasing funds in the amount of \$15,000 for the period July 1, 1964 through June 30, 1965, Agricultural Experiment Station, filed supplement to the minutes, page 16,783

12-14-100-2346 (41) renewal of Cooperative Agreement awarding funds in the amount of \$10,000 for the period July 1, 1964 through June 30, 1965, Agricultural Experiment Station, filed supplement to the minutes, page 16,784

12-14-100-2388 (44) renewal of Cooperative Agreement awarding funds in the amount of \$3,500, the total amount becoming \$21,000 for the period July 1, 1964 through June 30, 1965, Dairy Husbandry, filed supplement to the minutes, page 16,785

12-14-100-2389 (44) renewal of Cooperative Agreement awarding funds in the amount of \$25,000, the total amount becoming \$150,000, for the period July 1, 1964 through June 30, 1965, Dairy Husbandry, filed supplement to the minutes, page 16,786

12-14-100-2457 (44) renewal of Cooperative Agreement awarding funds in the amount of \$2,500, the total amount becoming \$14,800, for the period July 1, 1964 through June 30, 1965, Dairy Husbandry, filed supplement to the minutes, page 16,787

12-14-100-7191 (74) for research on Constituents and Properties of Wheat, awarding funds in the amount of \$85,036 for the period June 12, 1964 to December 12, 1967, Biochemistry, filed supplement to the minutes, page 16,788

U. S. Atomic Energy Commission

AT(11-1)-50, Modification No. 22, extending the contract period through December 31, 1964, awarding additional funds in the amount of \$414,100, the total contract amount becoming \$6,023,065, application approved on January 10, 1964, Physics, filed supplement to the minutes, page 16,789

AT(11-1)-532, Modification No. 7, extending the contract period through September 30, 1964 and awarding funds in the amount of \$5,943, the total contract amount becoming \$207,854, application approved June 13, 1964, Aeronautics and Engineering Mechanics, filed supplement to the minutes, page 16,790

AT(11-1)-622, Modification No. 6, extending the contract period through May 14, 1965, and awarding funds in the amount of \$13,000, the

total contract amount becoming \$80,212, application approved on February 14, 1964, Chemistry, filed supplement to the minutes, page 16,791

AT(11-1)-910, Modification No. 4, extending the contract period through April 30, 1965 and awarding funds in the amount of \$66,156, the total contract amount becoming \$295,837, application approved on May 8, 1964, Veterinary Medicine and Clinics, filed supplement to the minutes, page 16,792

AT(11-1)-926, Modification No. 3, providing a three month no-cost extension for completion of contract to September 14, 1964, Chemical Engineering, filed supplement to the minutes, page 16,793

AT(11-1)-1305, Modification No. 1, extending the contract period through May 31, 1965, and awarding funds in the amount of \$22,000, the total contract amount becoming \$47,086, application approved April 10, 1964, Surgery, Ancker Hospital, filed supplement to the minutes, page 16,794

AT(11-1)-1337, Modification No. 2, decreasing funds in the amount of \$25,000, Physics, filed supplement to the minutes, page 16,795

Materials Loan No. 13, extending the period of agreement to June 30, 1965, Chemistry, filed supplement to the minutes, page 16,796

U. S. Office of Civil Defense

OCD-PS-64-153 for Conducting Civil Defense Training and Courses allotting funds in the amount of \$68,165 effective June 22, 1964 to June 30, 1965, application approved on May 8, 1964, Armory, filed supplement to the minutes, page 16,796A

U. S. Commerce Department

Cc-6158, for operation of a Subpilot Plant awarding funds in the amount of \$90,000, for the period June 29, 1964 through December 29, 1965, filed supplement to the minutes, page 16,797

CST-1127, amendment to the contract providing a six week no-cost extension to August 31, 1964, Mechanical Engineering, filed supplement to the minutes, page 16,798

U. S. Air Force

AF-AFOSR-661-64 for research on Axiomatic Geometry awarding funds in the amount of \$14,304 for the period June 16, 1964 to June 16, 1966, application approved September 20, 1963, Mathematics, filed supplement to the minutes, page 16,799

AF 33(657)-11688, Modification No. 2 providing a sixty-day no-cost extension of contract, Mechanical Engineering, filed supplement to the minutes, page 16,800

U. S. Army

DA-18-064-AMC-266 (A) for research on Stem Rust of Wheat awarding funds in the amount of \$93,000 of which only \$27,000 is being allotted at this time for the period June 1, 1964 through May 31, 1967, application approved May 8, 1964, Plant Pathology and Physiology, filed supplement to the minutes, page 16,801

DA-21-018-CIVENG-59-31 renewal of contract for the period July 1, 1964 through June 30, 1965 allotting funds in the amount of \$25,000, the total contract amount becoming \$175,000, St Anthony Falls Hydraulic Laboratory, filed supplement to the minutes, page 16,802

DA-31-124-ARO-D-152, Modification No. 1 awarding funds in the amount of \$22,656, the total contract amount becoming \$34,286, for the period September 15, 1963 to September 14, 1966, application approved on January 10, 1962, Chemistry, filed supplement to the minutes, page 16,803

DA-ARO-D-31-124-G562 for research on Non-Linear Problems in Probability Theory, awarding funds in the amount of \$21,994, for the period July 1, 1964 through June 30, 1965, application approved May 8, 1964, Statistics, filed supplement to the minutes, page 16,804

U. S. Navy

Nonr-710(61) for Laser Research awarding funds in the amount of \$35,000 for the period May 1, 1964 to April 30, 1965, application approved November 22, 1963, Electrical Engineering, filed supplement to the minutes, page 16,805

U. S. Federal Aviation Agency

FA/AC-4-735, Modification No. 1 providing for a six-month no-cost extension, Experimental Pathology, filed supplement to the minutes, page 16,805A

U. S. Department of the Interior

Bureau of Mines extension of cooperative agreement for the period July 1, 1964 through June 30, 1965, Institute of Technology, filed supplement to the minutes, page 16,806

U. S. National Aeronautics and Space Administration

NAS5-1386, Modification No. 3, extending the contract period to September 30, 1964, awarding additional funds in the amount of \$12,000, the total contract amount becoming \$178,400, application on current docket, Physics, filed supplement to the minutes, page 16,807

NAS5-2071, Modification No. 8, awarding funds of \$237,300 for the period through December 31, 1967, allotting funds of \$46,000 through September 1, 1964, application approved on February 14, 1964, Physics, filed supplement to the minutes, page 16,808

NAS5-3838, for OSO-E Spacecraft Experiment, Zodiacal Light Experiment awarding funds in the amount of \$146,969, for the period June 25, 1964, to June 30, 1965, application approved May 8, 1964, Physics, filed supplement to the minutes, page 16,809

NsG79-60, Supplement No. 2, awarding funds in the amount of \$70,000, the total contract amount becoming \$465,280, for the period September 1, 1964 through August 31, 1965, application approved March 13, 1964, Chemical Engineering, filed supplement to the minutes, page 16,810

NsG-712, for research on Non-Linear Estimation Problems in Communications awarding funds in the amount of \$20,315 for the period June 16, 1964 to June 15, 1965, application approved May 8, 1964, Electrical Engineering, filed supplement to the minutes, page 16,811

NsG-714, for research on Heat Transfer Through Convective Layers awarding funds in the amount of \$23,845 for the period June 16, 1964 to June 15, 1965, application approved April 19, 1964, Mechanical Engineering, filed supplement to the minutes, page 16,812

National Science Foundation

GB-2345, for Latency Tests of Models for Choice and Preference Behavior awarding funds in the amount of \$32,100, Psychology, filed supplement to the minutes, page 16,813

GB-2448, for research on Aquatic, Semi-Aquatic and Terrestrial Soils awarding funds in the amount of \$27,400, Botany, filed supplement to the minutes, page 16,814

GB-2480, renewal of research on Morphogenetic Movements and Cellular Interactions in Sonite Formation and Differentiation, awarding funds in the amount of \$28,300, Zoology

GE-4671, for In Service Institute in Biology awarding funds in the amount of \$30,670, Plant Pathology, filed supplement to the minutes, page 16,815

GP-1658, Amendment No. 1 to Polar Circling Balloon Observatory for IQSY awarding supplemental funds in the amount of \$83,350, Physics

GP-3017, for study on Transient Response of New Networks—Research Initiation awarding funds in the amount of \$19,400, Electrical Engineering, filed supplement to the minutes, page 16,816

GP-3066, for research on Lubrication of Porous Bearings awarding funds in the amount of \$7,800, Aeronautics and Engineering Mechanics, filed supplement to the minutes, page 16,817

GP-3226, renewal of Operation of IGY Data Center A-Cosmic Rays awarding funds in the amount of \$17,300, School of Physics

GS-489, for research on Law and Personality in Primitive Society awarding funds in the amount of \$56,200, Anthropology, filed supplement to the minutes, page 16,818

GS-541, for Center for Research in Human Learning awarding funds in the amount of \$221,500, Psychology, filed supplement to the minutes, page 16,819

GU-843, renewal of Institutional Grant 1964 (unrestricted) awarding funds in the amount of \$133,788, Graduate School

G-25217, Amendment No. 1 to research on Atmospheric Energy Balance awarding supplemental funds in the amount of \$9,000, Science and Mathematics, Duluth

U. S. Office of Education

P. L. 87-276, renewal of Training Teachers of the Deaf awarding funds in the amount of \$30,400, Special Education

OE-4-10-240, Project No. F-062 for Conference on Coordination of Accepted Proposals for the Cooperative Research Program in First Grade Reading Instruction awarding funds in the amount of \$7,574, Education, filed supplement to the minutes, page 16,820

Project No. 2593 OE-4-10-239, for program on Analysis of Educational Experiments awarding funds in the amount of \$38,856, Educational Psychology, filed supplement to the minutes, page 16,821

U. S. Public Health Service

AI-04075-04, renewal of Mechanisms of Action of Antifungal Drugs, awarding funds in the amount of \$10,920, Microbiology

AI-05541-02, renewal of research on Mechanisms of Adaptive Shifts in Metabolic Pathways awarding funds in the amount of \$13,827, Pediatrics

AI-05565-02, renewal of research on Changes in Serum Proteins in Leprosy awarding funds in the amount of \$12,720, Dermatology

AM-03964-05, renewal of research on Hyperglycoderma Without Hypoglycemia awarding funds in the amount of \$19,194, Dermatology

AM-04918-03, awarding supplemental funds for research on Nucleic Acid Synthesis during Homograft Rejection in the amount of \$15,428, Surgery

AM-05689-03S1, awarding supplemental funds to research on Gastric Secretions and Healing of Duodenal Ulcer in the amount of \$25,080, Surgery

AM-07621-01, for studies on Calcium in Growth of the Korean Child awarding funds in the amount of \$6,932, Medicine, filed supplement to the minutes, page 16,822

DH-5020-05, renewal of Training of Dental Students in Use of Dental Assistants, awarding funds in the amount of \$33,243, Dentistry

ES-14-04, renewal of Training Program in Sanitary Engineering, awarding funds in the amount of \$25,542, Civil Engineering

FR-05322-01, supplemental award to General Research Support—Dentistry in the amount of \$7,963, Dentistry

FR-05385-01, supplemental award to General Research Support—Medical School in the amount of \$111,893, Medical School

FR-05448-01, supplemental award to General Research Support—Public Health in the amount of \$18,112, Public Health Service

FR-05461-01, supplemental award to General Research Support—Veterinary Medicine in the amount of \$18,878, Veterinary Medicine

GM-11-07, renewal of Training Program in Epidemiology awarding funds in the amount of \$97,234, School of Public Health

GM-24-07, renewal of Research Training of Medical Students awarding funds in the amount of \$35,000, Medical School

GM-157-06, renewal of Training Program in Biochemistry awarding funds in the amount of \$35,640, Biochemistry

GM-345-05, renewal of Training Program in Biochemistry awarding funds in the amount of \$34,049, Agricultural Biochemistry

GM-386-05, renewal of Training Program in Anatomy awarding funds in the amount of \$23,000, Veterinary Anatomy

GM-572-04, renewal of Training Program in Physiology awarding funds in the amount of \$39,530, Physiology

GM-628-04, renewal of Training Program in Pathology awarding funds in the amount of \$40,000, Laboratory Medicine

GM-901-06, renewal of Training Program in Experimental Pathology awarding funds in the amount of \$22,073, Veterinary Pathology

GM-966-03, renewal of Research Training Grant—Microbiology awarding funds in the amount of \$65,134, Microbiology

GM-1117-02, renewal of Training in Pharmacology and Toxicology awarding funds in the amount of \$123,254, Pharmacology

GM-1156-02, renewal of Training Program in Genetics awarding funds in the amount of \$35,640, Animal Husbandry

GM-1164-02, renewal of Training Program in Anthropology awarding funds in the amount of \$45,954, Anthropology

GM-12412-01, for research on Genetic Mechanisms in Streptomyces awarding funds in the amount of \$14,791, Dentistry, filed supplement to the minutes, page 16,823

GM-22,746-01, for Predoctoral Fellowship—Jensen awarding funds in the amount of \$5,200, Graduate School, filed supplement to the minutes, page 16,824

HE-5138-09, renewal of Cardiovascular Training Grant awarding funds in the amount of \$90,620, Physiology

HE-01584-11S1, awarding supplemental funds to research on Actinomycin in the amount of \$13,935, Laboratory Medicine

HE-02080-10S1, awarding supplemental funds to research on Cellular Control Mechanisms in the amount of \$14,437, Pediatrics

HE-03088-08-S1, awarding supplemental funds to research on Ischemic Heart Disease in the amount of \$24,775, Physiological Hygiene

HE-04401-06, renewal of Research on Dietary Factors and Blood Lipids awarding funds in the amount of \$36,234, Laboratory of Physiological Hygiene

HE-06314-04, renewal of Cardiovascular Clinical Research Center awarding funds in the amount of \$455,100, Medical Sciences

HE-08527-01, for Computer Analysis of Vectorcardiograms awarding funds in the amount of \$40,941, Medicine, filed supplement to the minutes, page 16,825

HE-08775-01, for Bicarbonate Resorption During Renal Artery Perfusion awarding funds in the amount of \$13,574, Medicine, filed supplement to the minutes, page 16,826

HE-13,796-03, for research on Mathematical Model—Two Chamber Pulsatile Heart awarding funds in the amount of \$500, Physiology, filed supplement to the minutes, page 16,827

HE-19,603-02, renewal of research on Vascular Response—Gastric Freezing awarding funds in the amount of \$500, Surgery

HE-20,108-01, for research on Enzyme Identification and Quantitation awarding funds in the amount of \$500, Laboratory Medicine, filed supplement to the minutes, page 16,828

HD-9618-01A1, for research on Maturation of Adrenocortical Function in the Newborn awarding funds in the amount of \$16,133, Pediatrics, filed supplement to the minutes, page 16,829

MH-00721-04, renewal of Juvenile Judges Institute awarding funds in the amount of \$20,000, Center for Continuation Study

MH-00722-04, renewal of Juvenile Officers Institute awarding funds in the amount of \$60,000, Center for Continuation Study

MH-7652-04, renewal of Graduate Training in Psychiatry awarding funds in the amount of \$51,840, Psychiatry

MH-8357-01, for Research Training—Social Sciences, awarding funds in the amount of \$31,907, Sociology, filed supplement to the minutes, page 16,830

MH-8416-01, for Graduate Training Social Work—Corrections awarding funds in the amount of \$16,992, School of Social Work, filed supplement to the minutes, page 16,831

MH-9485-01, for Institute for Professors in Psychiatry awarding funds in the amount of \$13,140, Psychiatry and Neurology, filed supplement to the minutes, page 16,832

MH-10,756-04, renewal of Predoctoral Fellowship—Berscheid awarding funds in the amount of \$4,500, Graduate School

NB-5002-15, renewal of program for Training in Neurology awarding funds in the amount of \$174,857, Neurology

NB-5267-06, renewal of Ophthalmology Training Grant awarding funds in the amount of \$53,833, Ophthalmology

NB-5267-06S1, supplemental award to Ophthalmology Training Grant in the amount of \$15,930, Ophthalmology

NB-5349-04, renewal of Otolaryngology Training Grant awarding funds in the amount of \$47,661, Otolaryngology

NB-K3-18,539-03, renewal of research on Physiological Psychology awarding funds in the amount of \$20,995, Surgery

NB-05299-01, for research on Pathogenesis of CNS Viral Infections awarding funds in the amount of \$16,470, Psychiatry and Neurology, filed supplement to the minutes, page 16,833

RH2-04S1(64), supplemental award to Training in Radiological Health in the amount of \$2,000, School of Public Health

SA-43-ph-3802, Supplement No. 6 to research on Highly Purified Chemical Compounds, extending contract period one year to June 14, 1964, Hormel Institute, filed supplement to the minutes, page 16,834

STT-6964, for Accident Prevention Short Course awarding funds in the amount of \$4,700, School of Public Health, filed supplement to the minutes, page 16,835

STT-99-64, for Seminar on Program Planning for Health Education awarding funds in the amount of \$5,770, School of Public Health, filed supplement to the minutes, page 16,836

U. S. Vocational Rehabilitation Administration

RD-1463-M-64, for Blood Flow Studies—Rehabilitation of Individuals with Avascular Necrosis of the Femoral Head awarding funds in the amount of \$24,895, Surgery, filed supplement to the minutes, page 16,837

Instruction Contracts

U. S. Air Force, AF 33 (608) 1087, providing contractual coverage for Air Force students in the estimated amount of \$3,224, filed supplement to the minutes, page 16,838

U. S. Army, DA-11-175-AV-2248, Modification No. 6, extending the contract period one year to June 30, 1965, filed supplement to the minutes, page 16,839

U. S. Navy, Medicine and Surgery, 600(18) 7526, increasing total contract amount by \$15, the total amount becoming \$1,865, filed supplement to the minutes, page 16,840

U. S. Navy, Medicine and Surgery, 600(18) 7526, allotting funds in the amount of \$1,850 for student training, filed supplement to the minutes, page 16,841

Nongovernmental Research

Aerofall Mills, Ltd. for A Study of the Comminution of Ores awarding funds in the amount of \$2,000, Mines Experiment Station, filed supplement to the minutes, page 16,842

American Concrete Agricultural Pipe Association for Research on Concrete Drain Tile, awarding funds in the amount of \$3,600, Agricultural Engineering, filed supplement to the minutes, page 16,843

American Cyanamid Co., renewal of research on Turkey Diseases awarding funds in the amount of \$2,500, Veterinary Medicine, filed supplement to the minutes, page 16,844

American Heart Association, 51-CI-1 renewal of Cardiovascular Research awarding funds in the amount of \$11,000, Physiology

American Heart Association, 58-CI-6 renewal of Heart Research—Career Investigatorships awarding funds in the amount of \$11,000, Pediatrics

American Heart Association, 64G-11 renewal of research on Renal Bicarbonate Reabsorption awarding funds in the amount of \$11,000, Medicine

American Iron and Steel Institute for renewal of research on Gamma Hematite, awarding funds in the amount of \$7,250, Mines and Metallurgy

Anoka State Hospital renewal of Psychiatric Consultant services awarding funds in the amount of \$5,800, Psychiatry and Neurology, filed supplement to the minutes, page 16,845

Archer Daniels Midland Company for continuation of fellowship for Study of the Chemistry of the Drying Oils awarding funds in the amount of \$1,500, Hormel Institute

Corn Industries Research Foundation, Inc. renewal of Research on Starch awarding funds in the amount of \$10,000, Agricultural Biochemistry

Hill Family Foundation for Nicollet Creek—Archeological Research at Itasca Basin Site awarding funds in the amount of \$11,735, Anthropology, filed supplement to the minutes, page 16,846

Hill Family Foundation renewal of Archeological Exploration in Southwestern Greece, awarding funds in the amount of \$30,956, Classics

Metropolitan Mosquito Control Commission for renewal of research on Susceptibility of Mosquitos to Insecticides awarding funds in the amount of \$1,000, Entomology, filed supplement to the the minutes, page 16,847

Milk Distributors Research Fund, renewal of agreement with Quality Control Committee for research on Bacteriological Problems related to raw and pasteurized milk, Dairy Industries, filed supplement to the minutes, page 16,848

Morris Animal Foundation for research on a Surgical Approach to the Correction of Mitral Insufficiency in the Dog, awarding funds in the amount of \$4,590, Veterinary Surgery and Radiology, filed supplement to the minutes, page 16,849

Mount Sinai Hospital renewal of agreement in support of fellowship program in surgery for period July 1, 1964 through June 30, 1965, Surgery, filed supplement to the minutes, page 16,850

National Foundation renewal of Arthritis Special Treatment Center Fund awarding funds in the amount of \$30,000, Medical School

National Turkey Federation for renewal of research on Genetics of Photoperiod Responses in Turkeys, awarding funds in the amount of \$1,000, Poultry Science, filed supplement to the minutes, page 16,851

Pioneer Parachute Co. P.O. No. 35934 for Development and Qualification of the Para-sail Parachute for Application as an Earth Landing Systems for Second Generation Spacecraft, allotting funds in the amount of \$3,000, Aeronautics and Engineering Mechanics, filed supplement to the minutes, page 16,852

Red River Valley Sugar Beet Growers Association for Research Fund for Sweet Clover Research awarding funds in the amount of \$1,500, Entomology, filed supplement to the minutes, page 16,853

St. Joseph's Hospital renewal of agreement for fellowship in Obstetrics and Gynecology for the period July 1, 1964 through June 30, 1965, Obstetrics and Gynecology

Schjeldahl, G. T. Co. P.O. No. 65387 for Aerodynamic Studies—Jimsphere allotting funds in the amount of \$5,036, Aeronautics and Engineering Mechanics, filed supplement to the minutes, page 16,854

Upjohn Company, allotting funds of \$825 for expense money for residents manning exhibit at American Medical Association in San Francisco, Surgery, filed supplement to the minutes, page 16,855

Warner-Lambert Pharmaceutical Company, for research on Acid Phosphatase and Other Laboratory Measurements, awarding funds in the amount of \$1,000, Veterans Hospital, filed supplement to the minutes, page 16,856

GIFTS

Voted to accept with thanks the following gifts:

Research

Donor	Minnesota Turkey Growers Association, Inc.
Amount	\$10,000.00
Fund	Minnesota Turkey Growers Association, Inc.

Donors	Various
Amount	\$9,401.44
Fund	Dwan Family Fund

Donors	Various
Amount	\$1,642.00
Fund	Heart Disease Research

Donor	American Cyanamid Company
Amount	\$1,500.00
Fund	Psychotherapeutic Drug Fund
Donors	Various
Amount	\$1,348.92
Fund	Fund for Research in Cancer
Donors	Various
Amount	\$579.50
Fund	Horticultural Research
Donor	Minnesota Medical Foundation
Amount	\$500.00
Fund	Jay Arthur Myers Research
Donor	United Fund of Hutchinson
Amount	\$375.00
Fund	Nervous and Mental Disease Research
Donor	United Fund of Hutchinson
Amount	\$100.00
Fund	Specific Diseases Research
Donor	United Fund of Hutchinson
Amount	\$100.00
Fund	Special Research, Psychiatry
Donor	Mrs. James R. Atwater
Amount	\$75.00
Fund	Anthony Barnett Cardiovascular Research
Donors	Various
Amount	\$43.00
Fund	Special Research, Medicine
Donors	Various
Amount	\$35.00
Fund	Radiation Therapy, Cancer Research

Scholarships, Fellowships, Prizes and Awards

Donor	General Foods Fund, Inc.
Amount	\$7,000.00
Fund	General Foods Fund, Inc. Scholarship
Donors	Various
Amount	\$5,161.77
Fund	Foreign Students Emergency Aid and Scholarship Fund
Donor	Gordon Foundation
Amount	\$4,000.00
Fund	Gordon Foundation Scholarship
Donor	Archer Daniels Midland Foundation
Amount	\$4,000.00
Fund	Archer Daniels Midland Foundation, Graduate Fellowship in Chemistry
Purpose	To support a graduate fellowship in Chemistry in accordance with the statement filed supplement to the minutes, page 16,857

Donors	Various
Amount	\$3,442.00
Fund	All-University Scholarship
Donor	Procter and Gamble Company
Amount	\$3,155.00
Fund	Procter and Gamble Fellowship in Biochemistry
Donor	Frontier Hall Council
Amount	\$2,300.00
Fund	Frontier Hall Leadership Scholarship
Purpose	To establish a fund to support scholarship awards to stimulate and reward instructive leadership in the student activities and organizations in accordance with the statement filed supplement to the minutes, page 16,858
Donor	E. I. du Pont de Nemours & Company
Amount	\$1,932.00
Fund	E. I. du Pont de Nemours & Company, Post Graduate Teaching Assistant Award in Chemistry
Donor	Twin City Carpenters District Council of United Brotherhood of Carpenters
Amount	\$1,850.00
Fund	Twin City Carpenters District Council of United Brotherhood of Carpenters Scholarship
Donors	Various
Amount	\$1,741.28
Fund	Duluth Campus Scholarship
Donor	Minnesota Mining and Manufacturing Company
Amount	\$1,200.00
Fund	Minnesota Mining and Manufacturing Company, Fellowship in Accounting
Purpose	To support a fellowship in accounting in accordance with the statement filed supplement to the minutes, page 16,859
Donor	Tozer Foundation, Inc.
Amount	\$1,000.00
Fund	Tozer Foundation Graduate Scholarship
Donor	Babcock and Wilcox Company
Amount	\$700.00
Fund	Babcock and Wilcox Company Scholarship
Donor	Tozer Foundation, Inc.
Amount	\$700.00
Fund	Tozer Foundation, Undergraduate Scholarship
Donor	Faculty Women's Club
Amount	\$600.00
Fund	Faculty Women's Club Scholarship
Donor	Minneapolis Gas Company
Amount	\$510.00
Fund	Minneapolis Gas Company Prize
Donor	Archer-Daniels-Midland Company
Amount	\$500.00
Fund	Archer-Daniels-Midland Company, Scholarship in Industrial Accounting

Donor Amount Fund	Minnesota Mutual Life Insurance Company \$500.00 Law Firm Scholarship
Donor Amount Fund	Nopco Chemical Company \$500.00 Nopco Chemical Company, Scholarship in Animal Husbandry
Donor Amount Fund	Sigma Theta Tau Sorority \$500.00 Sigma Theta Tau, Zeta Chapter Scholarship
Donor Amount Fund	Pfeifer and Shultz Engineers \$400.00 Pfeifer and Shultz Scholarship in Mechanical Engineering
Donors Amount Fund	Various \$316.00 General Scholarship Fund, University of Minnesota, Morris
Donors Amount Fund Purpose	Various \$305.00 Indo-American Club Student Loan Fund To establish a loan fund for qualified students in accordance with the statement filed supplement to the minutes, page 16,860
Donor Amount Fund	Faculty Women's Club \$300.00 Mary Farrell Coffman Scholarship
Donor Amount Fund	Gould, Brown and Bickett \$300.00 Gould, Brown and Bickett Scholarship
Donor Amount Fund	Beardsley Farmers Elevator \$300.00 Agriculture Barter for College Loan Fund, University of Minnesota, Morris (\$240.00) Agriculture Barter for College Scholarship Fund, University of Minnesota, Morris (\$60.00)
Donor Amount Fund	University of Minnesota Library School Alumni Association \$280.00 Lura C. Hutchinson Scholarship
Donors Amount Fund	Various \$225.00 University of Minnesota International Exchange Scholarship
Donor Amount Fund	Chicago Farmers \$200.00 Chicago Farmers Scholarship
Donor Amount Fund	Minnesota Chapter, American Physical Therapy Association \$150.00 Minnesota Chapter, American Physical Therapy Association Scholarship
Donor Amount Fund	Northwest Council of Advertising Agencies \$150.00 Northwest Council of Advertising Agencies Scholarship

Donors	Various
Amount	\$102.00
Fund	William O'Brien Scholarship
Donor	Mrs. A. R. Johanson
Amount	\$100.00
Fund	Wilbur H. Cherry Memorial Scholarship
Donor	Samuel L. Kaplan
Amount	\$100.00
Fund	Ronald J. Nemer Law Scholarship
Donor	Dr. Cortland O. Robinson
Amount	\$100.00
Fund	Craig Hallum Robinson Memorial Scholarship
Donor	Thomas Ellerbe
Amount	\$100.00
Fund	Ellerbe Architectural Scholarship
Donor	Upjohn Company
Amount	\$100.00
Fund	Minnesota Alumni Scholarship
Donor	Mu Iota Epsilon Fraternity
Amount	\$75.00
Fund	William Weeber Memorial Scholarship
Donor	Powell Hall Governing Association
Amount	\$71.63
Fund	Powell Hall Scholarship
Donor	College of Liberal Arts Student Intermediary Board
Amount	\$70.00
Fund	S. L. A. Board Scholarship
Donor	Home Economics Association
Amount	\$50.00
Fund	Home Economics Association Scholarship
Donors	Various
Amount	\$35.00
Fund	Sidney J. Kaplan Legal Scholarship
Donor	Western Golf Association
Amount	\$33.55
Fund	Evans Foundation Scholarship
Donor	Special Dean's Retreat Fund
Amount	\$20.00
Fund	Joseph H. Filerman Memorial Fund
Donor	1963 Itasca Forestry Session Student Corporation
Amount	\$16.80
Fund	Oscar L. Mather Scholarship
Donor	Mrs. Grace W. Robertson
Amount	\$7.50
Fund	James F. Kottke Memorial Fund

Miscellaneous

Donor Amount Fund Purpose	U. S. Public Health Service \$125,000.00 Periodicity Analysis Lab in Pathology To support the remodeling of a periodicity analysis lab in Pathology in accordance with the statement filed supplement to the minutes, page 16,861
Donor Amount Fund	National Fund for Medical Education \$34,880.00 National Fund for Medical Education Fund
Donor Amount Fund Purpose	The Ford Foundation \$26,388.00 Ford Foundation, Faculty Research Fellowship—Taxation To establish a fund in accordance with the statement filed supplement to the minutes, page 16,861A
Donor Amount Fund Purpose	The Ford Foundation \$16,365.00 Ford Foundation—Faculty Fellowship—Consumer Behavior To establish a fund in accordance with the statement filed supplement to the minutes, page 16,861B
Donor Amount Fund Purpose	Ford Foundation \$14,110.00 Ford Foundation Faculty Fellowship—Managerial Empathy To establish a fund in accordance with the statement filed supplement to the minutes, page 16,861C
Donor Amount Fund Purpose	The Ford Foundation \$11,000.00 Ford Foundation, Faculty Research Fellowship—Labor To establish a fund in accordance with the statement filed supplement to the minutes, page 16,861D
Donor Amount Fund Purpose	Dr. F. S. McKinney \$10,000.00 Frank S. and Martha McKinney Support Fund for Medical History To establish a fund for the support of medical history in accordance with the statement filed supplement to the minutes, page 16,862
Donor Amount Fund Purpose	Russell Sage Foundation \$9,000.00 Russell Sage Foundation, Survey Associates To support the transferring of archives of the Survey Associates to the University of Minnesota Library in accordance with the statement filed supplement to the minutes, page 16,863
Donor Amount Fund	Social Science Research Council \$8,266.90 Institute on Cognitive Development
Donor Amount Fund Purpose	Minnesota Mining and Manufacturing Company \$5,000.00 Minnesota Mining and Manufacturing Company, Professorship in Accounting To support a professorship in accounting in accordance with the statement filed supplement to the minutes, page 16,864

Donors	Various
Amount	\$4,865.00
Fund	4-H Revolving Fund
Donor	The Ford Foundation
Amount	\$3,020.00
Fund	Ford Foundation Doctoral Dissertation Fellowship in Economics
Purpose	To establish a fund in accordance with the statement filed supplement to the minutes, page 16,864A
Donor	Upper Midwest Research and Development Council
Amount	\$3,000.00
Fund	Economics Revolving Fund
Donor	The Ford Foundation
Amount	\$2,697.00
Fund	Ford Foundation Doctoral Fellowship in Business Administration
Purpose	To establish a fund in accordance with the statement filed supplement to the minutes, page 16,864B
Donor	The Ford Foundation
Amount	\$2,000.00
Fund	Ford Foundation Fellowships in Business Administration—Supplement
Purpose	To establish a fund in accordance with the statement filed supplement to the minutes, page 16,864C
Donor	The Ford Foundation
Amount	\$2,000.00
Fund	Ford Foundation Fellowships in Economics—Supplement
Purpose	To establish a fund in accordance with the statement filed supplement to the minutes, page 16,864D
Donors	Various
Amount	\$1,884.00
Fund	Masonic Memorial Hospital Equipment Fund
Donors	Various
Amount	\$976.18
Fund	Variety Club Heart Hospital Equipment
Donor	Atkinson Foundation Inc.
Amount	\$750.00
Fund	John Rood Collection
Donor	International Assistance Week Organization, University of Minnesota, Duluth
Amount	\$500.00
Fund	Duluth Foreign Student Development Fund
Donor	Rosemount Engineering Company
Amount	\$350.00
Fund	Henry E. Hartig Service Fund
Donor	Minnesota Mining and Manufacturing Company
Amount	\$300.00
Fund	School of Business Administration Service Fund
Donor	Buetow & Associates
Amount	\$50.00
Fund	School of Architecture General Fund

Donor Amount Fund	Home for the Jewish Aged, Philadelphia, Penn. \$33.33 Van Steenwyk Memorial Fund
Donor Amount Fund	Our Saviors Lutheran Church \$20.00 Medical School General Purpose Fund
Donor Amount Fund	Mrs. Philip Kelner \$5.00 McQuarrie Pediatric Fund
Donor Gift	Professor John Rood Eleven pieces of major sculpture donated to the University Gallery
Donor Amount Fund	Dr. Owen H. Wangenstein 40 shares of Control Data common stock Owen H. and Sarah D. Wangenstein Support Fund of Medical History
Donor Amount Fund Purpose	Clan Stewart No. 50, Order of Scottish Clans, Duluth \$8,500.00 Clan Stewart No. 50 of Duluth Scholarship Fund To establish a fund in accordance with the statement filed supplement to the minutes, page 16,865
Donor Amount Fund Purpose	Minneapolis Foundation \$12,000.00 Minneapolis Foundation—Francis E. Andrews Fund for International Student Exchange To establish a fund in accordance with the statement filed supplement to the minutes, page 16,866
Donor Amount Fund	Variety Club of the Northwest \$100,000.00 Building Fund (\$75,000) Indigent Patient Care Fund (\$25,000)
Donor Gift	Lampert Yards \$1,000 as a supplemental foreign travel grant, Peace Corps Project—Pakistan

NONCAMPUS SERVICE

Voted to approve the following requests for noncampus service:

College of Agriculture, Forestry, and Home Economics

John Strait, Associate Professor, Department of Agricultural Engineering, to serve as a consultant to attorneys, corporations or individuals requiring an expert witness or consultant in patent and personal injury proceedings where farm machinery is involved and to serve as a consultant to manufacturers of farm machinery with respect to special design problems, from July 1, 1964 to June 30, 1965

College of Medical Sciences

Ian W. Gregory, Associate Professor, Department of Psychiatry and Neurology, to serve as a part-time psychiatric consultant to the Veterans Administration Center, Outpatient Clinic, Fort Snelling, St. Paul, Minnesota, from October 1, 1964 to indefinite

Institute of Agriculture

Clyde M. Christensen, Professor, Department of Plant Pathology and Physiology, to serve as a consultant to the Southern Utilization and Development Division, USDA, ARS, New Orleans, Louisiana, from July 1, 1964 to June 30, 1965

Darrell F. Fienup, Professor, Department of Agricultural Economics, to serve as a consultant to the Ford Foundation, New York, New York, from June 22, to July 27, 1964

Institute of Technology

Mark Bolsterli, Associate Professor, School of Physics, to serve as a theoretical physics consultant to the Los Alamos Scientific Laboratory, T-Division, Los Alamos, New Mexico, from June 15, 1964 to June 30, 1965

Stanley Bruckenstein, Professor and Chief, Division of Analytical Chemistry, Department of Chemistry, to serve as a consultant to the Argonne National Laboratory, Argonne, Illinois, from July 1, 1964 to June 30, 1965

William E. Parham, Professor and Chief, Department of Organic Chemistry, to serve as a consultant to the National Science Foundation, Washington, D.C., from September 1964 to indefinite

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

- 2250 Assistant Director of Admissions, at pay range 35, \$751-913, with the extra one-half day of vacation allowance per month in lieu of overtime pay and a probationary period of one year, effective July 1, 1964
- 6114 Residence Hall Director, Duluth, at pay range 20, \$416-506, with the regular vacation allowance and a probationary period of one year, effective July 1, 1964

Pay Range Changes

- 3109 Assistant to the Director, University Hospitals, change the specifications and change the pay range assignment from 33, \$694-844, to 31, \$641-781, effective July 1, 1964
- 3118 Assistant Director, University Hospitals, from pay range 36, \$781-950 to pay range 37, \$812-988, effective July 1, 1964

6518 Parking Facilities Supervisor, from pay range 24, \$487-592, to pay range 28, \$569-694, and increase the probationary period requirement from six months to one year, effective July 1, 1964

ACADEMIC TENURE

On the recommendation of the President, the Board approved permanent tenure of the following instructional staff members in accordance with the regulations governing academic tenure at the ranks indicated, effective July 1, 1964:

Assistant Professor:

Josef Mestenhauer	Office of the Adviser to Foreign Students	Dean of Students
Hugh J. McCardle	Bureau of Student Loans and Scholarships	Dean of Students
Ward J. Barrett	Geography	Liberal Arts
Edward M. Copeland, Jr.	Slavic and Oriental Languages	Liberal Arts
James C. Underhill	Zoology	Liberal Arts
Philip Siegelman	Humanities	Liberal Arts
Benjamin Young-hwai Liu	Mechanical Engineering	Technology
Richard K. Juberg	Mathematics	Technology
Philip J. Tichenor	Agricultural Information and Journalism	Agriculture
John D. Smith	Animal Husbandry	Agriculture
Richard A. Abell	School of Home Economics	Agriculture
Jui Shuan Lee	Physiology	Medical Sciences
Delphie J. B. Fredlund	School of Public Health	Medical Sciences
Phillip D. Kernan	School of Public Health and University Health Service	Medical Sciences
Lee D. Stauffer	School of Public Health and University Health Service	Medical Sciences
Nancy Louise Cook	School of Nursing	Medical Sciences
Helen J. Peterson	School of Nursing	Medical Sciences
Martin O. Mundale	Physical Medicine and Rehabilitation	Medical Sciences
Helen Skowlund	Physical Medicine and Rehabilitation	Medical Sciences
Donald W. Johnson	Veterinary Medicine and Clinics	Veterinary Medicine
Donald M. Barnes	Veterinary Diagnostic Laboratories	Veterinary Medicine
William F. Cates	Veterinary Obstetrics	Veterinary Medicine
John P. Sullivan	Veterinary Physiology and Pharmacology	Veterinary Medicine
Ira M. G. Gourley	Veterinary Surgery and Radiology	Veterinary Medicine
Griselda F. Hanlon	Veterinary Surgery and Radiology	Veterinary Medicine
Frank R. Braun	Placement Office	Education
Marie H. Christenson	Home Economics Education	Education
James E. Stochl	Elementary Education	Education
Stephen E. Keeler	General College	
Alex Kurak	General College	
Leon Reisman	General College	
Earl R. Andrews	Education and Psychology	Duluth
Muriel I. Lehman	Education and Psychology	Duluth
Sylvan D. Burgstahler	Science and Mathematics	Duluth

Jacques C. Comeaux	Humanities	Duluth
Harry J. Davis	Humanities	Duluth
Rudolph I. Schauer	Humanities	Duluth
Mary L. Miller	Agricultural Extension Service	Agriculture
Martin K. Christiansen	Agricultural Extension Service	Agriculture
Raymond Bohling	Minneapolis Campus Library	
Verners J. Vitins	St. Paul Campus Library	

Research Associate:

Earl N. Ringo	Bureau of Institutional Research
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Instructor:

Elaine A. Schwarz	Southern School of Agriculture, Waseca	Agriculture
Maxine Clapp	Minneapolis Campus Libraries	
Frank J. Gillis	Minneapolis Campus Libraries	
Clodaugh Neiderheiser	Minneapolis Campus Libraries	
Margaret E. Swenson	Minneapolis Campus Libraries	
Alice Swanson	Minneapolis Campus Libraries	
Karen Harwood	Minneapolis Campus Libraries	
Esther Peterson	Minneapolis Campus Libraries	
Virginia Doneghy	Minneapolis Campus Libraries	
Rachel Lukkason	Minneapolis Campus Libraries	
Rose Grunwald	Minneapolis Campus Libraries	
Janet Rhame	Minneapolis Campus Libraries	
Carol Urness	Minneapolis Campus Libraries	
Robert H. Stumm	Minneapolis Campus Libraries	
Evelyn Furber	Minneapolis Campus Libraries	
Jessie Richardson	Minneapolis Campus Libraries	
Dorothy Bohn	Minneapolis Campus Libraries	
Harriet Vaux	Minneapolis Campus Libraries	
Donalda Burnham	Minneapolis Campus Libraries	
John Wolter	Minneapolis Campus Libraries	
Myrtle Eklund	Minneapolis Campus Libraries	
Beverly Lee	Minneapolis Campus Libraries	
Evelyn Thompson	Minneapolis Campus Libraries	
Ethel K. Sullivan	Minneapolis Campus Libraries	
Katharine M. Holum	Minneapolis Campus Libraries	
Mary C. O'Reilly	Minneapolis Campus Libraries	
Agnes K. Johnson	Minneapolis Campus Libraries	
Theodora Melone	Minneapolis Campus Libraries	
Magdalene I. Rozentals	Minneapolis Campus Libraries	
Gertrude S. Battell	St. Paul Campus Library	
Lucile Hunter	St. Paul Campus Library	
Marie J. Eller	St. Paul Campus Library	
Evelyn L. Raynolds	St. Paul Campus Library	
Gladys S. Barber	Duluth Library	
Gladys L. Johnson	Duluth Library	
Donald W. Gray	Morris Library	
Caroline Brede	Law Library	
Vera R. Carlsson	Law Library	
Arlette Soderberg	Law Library	
Leota Stewart	Law Library	

STUDENT TEACHING AGREEMENT

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 an agreement covering student teaching at Independent School District No. 206, Alexandria, Minnesota, filed supplement to the minutes, page 16,867.

LICENSE

Voted, on the recommendation of the Vice President, Business Administration, and the President, to approve a license to the University relating to Patent No. 3,138,025 on the subject of High Temperature Probe, with Thermo Systems, Incorporated, Minneapolis, Minnesota, filed supplement to the minutes, page 16,868.

DEGREES

Voted to approve the list of candidates for degrees on the Duluth Campus on June 12, 1964, the Minneapolis Campus on June 13, 1964, and the Morris Campus on June 15, 1964, as recommended by the faculties and certified by the Dean of Admissions and Records, filed supplement to the minutes, pages 16,869 through 16,871.

MEMBERSHIPS

On the recommendation of the Vice President, Business Administration, and the President, voted to approve the following memberships involving dues of more than \$75:

The American Association of College Schools of Business	\$450 (Increased from \$250)
National University Extension Association	\$200 (Increased from \$100)

SERA MEMBERSHIP

Voted, on the recommendation of the Vice President, Business Administration, and the President, to continue the membership of Miss Ruth Roberts in the State Employees Retirement Association. Miss Roberts has at this time many years of service credit in SERA. She has accepted an appointment as assistant professor and senior student personnel worker in the Student Counseling Bureau, Office of the Dean of Students, effective July 1, 1964, and, therefore, is eligible for participation in the Faculty Retirement Plan. It is her request that she be permitted to continue as a member in the State Employees Retirement Association, forfeiting her rights under the Faculty Retirement Plan.

APPLICATIONS FOR CONTRACTS AND GRANTS

Voted to approve applications for contracts and grants totaling \$5,536,148.67; list filed supplement to the minutes, page 16,872.

APPOINTMENT

The President introduced Dr. Erwin M. Schaffer, whose appointment as Dean of the School of Dentistry was approved at the meeting of June 13, 1964.

COLLEGE OF BIOLOGICAL SCIENCES

The Vice President, Academic Administration, presented a plan for the focus of the total needs of the biological sciences through a new College of Biological Sciences.

Voted, on the recommendation of the Vice President, Academic Administration, the Vice President, Business Administration, and the President, to approve the creation of the College of Biological Sciences to be organized in accordance with the following recommendations of the Senate Committee on Educational Policy as approved by the Senate at its meeting of June 4, 1964:

1. That a College of Biological Sciences be established, with its chief administrative officer a Dean reporting directly to the President's Office. This College should provide the home for a core faculty in basic biology, with a recommended organization in terms of molecular, cellular, organismal, evolutionary, and population biology.

2. That, initially, the College should be formed by the administrative and budgetary inclusion of faculty members of the existing Departments of Botany, Zoology, and Biochemistry (St. Paul), and of certain faculty members in genetics, biophysics, and other areas of biology.

3. That dual citizenship—by formal cross-charges, joint appointments, or other appropriate plans—be used from the beginning in order to include within the College representatives from the broad spectrum of biology throughout the University.

4. That the departments in the College of Biological Sciences offering majors leading to the B.A. degree be functionally a part of the College of Liberal Arts with the same responsibilities for liberal education as other departments in that College.

5. That the responsibilities of the new College shall be:

To provide leadership in the development at the University of a unified undergraduate program in biology, leading to appropriate Bachelor's degrees;

To provide course sequences needed to serve in the curriculums of the College of Liberal Arts and of other colleges;

To provide a new and significantly attractive visible structure for the recruitment of faculty and students for the development of biology;

To provide a home for a well-integrated group of biologists and thus

To provide a base for increased development of research and professional and graduate training programs both in the new College and in other areas of the University.

6. That a Consultative Council for Biology be established, appointed by the President with the advice of the Deans of the several colleges with relations to biology, under the chairmanship of the Dean of the new College, to provide a channel for co-operative planning of programs relating to biology throughout the University.

7. That the requirements for the B.A. and the B.S. in Education with majors in the biological sciences be determined, as at present, by the College of Liberal Arts and the College of Education, respectively; and that the requirements for the baccalaureate degrees to be given by the new College be determined by the faculty of that college in collaboration with the All-University Council on Liberal Education.

8. That, initially, students enter the new College of Biological Sciences in the junior year.

9. That, since additional buildings and facilities for biology are needed on both the Minneapolis and St. Paul Campuses, all planning for such facilities be evaluated by a faculty committee including biologists from both locations.

10. That it is deemed advisable for the new Dean to establish his office initially on the St. Paul Campus; it is also deemed advisable to consider the appointment of an Associate Dean with an office in Minneapolis who might serve the College of Liberal Arts with respect to biology in the same way that the Associate Dean of the Institute of Technology serves with respect to physical science.

Documentation filed supplement to the minutes, page 16,873.

Voted further, to express the thanks of the Regents to the members of the Committee on the Development of the Biological Sciences for their long and devoted service to this assignment.

POLICY STATEMENT ON CO-OPERATIVE PROGRAMS

Voted, on the recommendation of the Vice President, Academic Administration, and the President, to approve the following statement of policy covering co-operative programs between the Minneapolis Public Schools and the University of Minnesota in connection with the operation of Marshall and University High schools.

MINNEAPOLIS PUBLIC SCHOOLS—UNIVERSITY OF MINNESOTA

A Statement of Policy on Co-operative Programs for the Marshall High School

The Minneapolis Public Schools and the University of Minnesota are both concerned that the public schools in the University area continue to provide an educational program of high quality. The school system is committed to a policy of providing comparable programs of education to chil-

dren in all parts of the city. The University of Minnesota is concerned that a good program of public education be available to staff members who choose to live in the area and that the environment in which the University is located should include a desirable residential section. The importance of good public schools as a factor in retaining the residential character of a neighborhood cannot be overemphasized. This concern is particularly acute with respect to Marshall High School because of questions which have been raised as the result of conversion of some of the residential areas to other uses and the consequent reduction in general population and school enrollment.

The Report of the Educational Facilities Study conducted by Michigan State University points out that the population of the University community as defined by the City Planning Commission is considerably below the population of the other nine communities in Minneapolis and that there was a population loss in the decade 1950-60. The fact that the Marshall district would have a smaller population than the other high school districts was recognized when the school was built to serve this community in 1924. The anticipation that the school enrollment would be smaller than other high schools is indicated by the fact that of the four junior-senior high schools built at that time, only one, Marshall, was designed to continue as a six-year high school. In each of the other areas plans were made for future junior high schools. Even though there has been no substantial change in the number of resident high school students during the past 15 years, the fact remains that if the district does not continue as a good residential district, the enrollment might well decline to a point where it would be difficult to provide a comprehensive high school program at a reasonable cost. One of the most important considerations in retaining the area as a good residential district is the assurance of good public schools from elementary through high school grades.

The survey report indicated some of the problems with which this community is faced and stated that: "the solution of these problems is contingent upon a cooperative plan developed by the residents, the businessmen, the University, the public agencies and the school in the district." The report recommends a cooperative arrangement between the University of Minnesota and the Minneapolis Public Schools "to provide an outstanding public secondary school for the community. . ." Development of such a school should take advantage of the closer pupil-teacher relationships possible because of the size of the school and of the availability of the staff resources of the nearby College of Education. Development of an outstanding program for students in the Marshall district will contribute to the improvement of the quality of secondary education in the entire city.

In order to explore the possibilities of a cooperative arrangement between the University and the Public Schools, a committee of University staff members appointed by President Wilson and Minneapolis Public School staff members appointed by Dr. Putnam has considered a number of proposals for the development of the educational program in the Marshall High School area.

This committee recommends that as basic policy Marshall High School and University High School continue to be operated independently but that the University and the Minneapolis Public Schools agree to undertake joint projects which will be to their mutual advantage.

The administration of the Minneapolis Public Schools and that of the University agree that joint projects shall be undertaken in the following areas:

1. The expansion of the educational programs in both schools through the informal exchange of students.
2. The improvement of curriculum through joint research and development projects.

3. The improvement of programs of teacher education through cooperation of the staffs at Marshall, University High School, and the College of Education.

The implementation of projects in the areas enumerated above shall be carried out by specific agreements drawn up by joint committees. Such agreements may include:

1. Arrangements for joint classes in particular subjects to be conducted at either school.

Such arrangements might be made when one school offers a subject not available at the other, or when each school has a few candidates for a course but neither has enough to warrant forming a class of its own. Some possible subject fields for these kinds of cooperation are foreign languages, advanced mathematics, electronics, music.

The implementation of such programs will call for a close cooperative working association between the University staff and the staff of the Minneapolis Schools. This association will help the public school staff to be informed on new developments in content, materials, and methods, and will provide the University staff with opportunities to keep in touch with the problems and practices of a comprehensive public high school.

2. Arrangements for staff appointments to facilitate student teaching, demonstration teaching, curriculum research and development.

The University has been placing student teachers in Minneapolis Public Schools in increasing numbers in recent years. Among the advantages to Minneapolis are the opportunities this affords to recruit promising young teachers for its staff, and the prestige and status given to the supervising teacher which results in his providing the best possible program both for his students and for the student teacher.

A particular advantage to the expansion of student teaching at Marshall is that it provides close immediate contact with teachers of method courses at the University.

Marshall already has many faculty members who are fully qualified to supervise student teaching. As staff vacancies occur through resignation, retirement, and transfer, the Minneapolis Schools and the University will consult regarding new appointments. The staff at Marshall should always be made up of persons who are willing and able to work with University colleagues.

The Marshall staff may also become involved in demonstrating materials and methods to prospective teachers and teachers in service. If the University is involved in such a program, arrangements for paying demonstration teachers may be worked out similar to those already in effect for Tuttle, Marcy, and Pratt elementary schools.

3. Joint contracts with professional and scientific groups concerned with curriculum development and with the United States Office of Education in carrying out curriculum projects.

National foundations and the U. S. Office of Education are providing funds for curriculum research projects under con-

tracts with various educational institutions. It may be feasible for the Minneapolis Schools and the University to undertake a joint project. The roles of the two institutions will be clearly differentiated. While University High School may initiate programs which are new and highly tentative and experimental, Marshall is more likely to demonstrate programs which have undergone preliminary evaluation and are judged to have considerable merit for improving the instructional program.

All proposals for joint ventures shall be in harmony with these policies and shall be approved by the appropriate administrative officers of both the Minneapolis Public Schools and the University of Minnesota.

RESOLUTION—TACONITE AMENDMENT

Voted, on the recommendation of the Vice President, Business Administration, and the President, to approve the following resolution:

We endorse the Taconite Amendment. Its passage will contribute to the economic and cultural growth of the entire state and will provide additional assistance to our entire educational system. The Amendment, which will automatically expire in 25 years, will insure immediate investment of millions of dollars in taconite facilities in Minnesota and will provide substantial employment opportunities for the people of our state.

OUTSTANDING ACHIEVEMENT AWARD

At the request of the Committee on University Honors and on the recommendation of the President, voted to award an Outstanding Achievement Award, filed supplement to the minutes, page 16,874.

NAMING OF BUILDINGS

Voted, at the request of the Committee on University Honors and on the recommendation of the President, to use the names as indicated below for various buildings on the Morris Campus. Correspondence filed supplement to the minutes, page 16,875:

Plant Service Building No.	Name
25 and 28	Humanities and Education
21	Food Service and Social Sciences
16	Women's Residence Hall
35	Physical Education
32	Administration
45	Science
22	Science Offices (T)

BIDS

On the recommendation of the Vice President, Business Administration, and the President, voted to authorize acceptance of the following low bids for the tunnel rehabilitation at Morris, filed supplement to the minutes, page 16,876:

Anderson Brothers
Box 745
Otter Tail Lake Road
Fergus Falls, Minnesota

Base Bid "B" \$ 27,800

Non-building costs in connection with this project are as follows:

Engineering fees \$ 1,500
Supervision of construction 600

Total Nonbuilding Costs \$ 2,100

Total of the Above Costs \$ 29,900

Reserve for Contingencies and for Contracts Covering the Reinstallation of All Piping 39,900

TOTAL COSTS \$ 69,800

Source of funds: 1963 Legislative Appropriation \$ 69,800
This work is to be completed by September 1, 1964.

On the recommendation of the Vice President, Business Administration, and the President, voted to authorize acceptance of the following low bids for the connecting link between Main and Electrical Engineering Buildings on the Minneapolis Campus, filed supplement to the minutes, page 16,877:

General Construction

Sheehy Construction Company
360 West Larpenteur Avenue
St. Paul 17, Minnesota

Base Bid \$ 82,300

Mechanical Work (Including plumbing, heating and ventilating)

Whelan Company, Inc.
2909 Nicollet Avenue
Minneapolis, Minnesota

Base Bid 13,325

Electrical Installation

Reliable Electric Company
316 Bryant Avenue North
Minneapolis, Minnesota

Base Bid	7,300	
Total of the Above Base Bids		\$102,925

Non-building costs in connection with this project are estimated as follows:

Architects and Engineers fees	\$ 6,175	
Supervision of construction	1,550	
Site survey, test holes, etc.	1,000	
Concrete and material testing services	1,000	
Outside work	1,630	
Allocation for office furniture and equipment	9,500	
Allocation for custodial equipment	200	
Miscellaneous engineering and checking of shop drawings	500	
Fire extinguishers, towel cabinets, keying of the building, etc.	200	
Total Nonbuilding Costs		\$ 21,755
Total of the Above Costs		\$124,680
Reserve for Contingencies		3,320
TOTAL COSTS		\$128,000

Source of funds: 1963 Legislative Appropriation \$128,000

This project is to be completed by October 31, 1964.

On the recommendation of the Vice President, Business Administration, and the President, voted to authorize acceptance of the following low bids for the addition to the Museum of Natural History, filed supplement to the minutes, page 16,878:

General Construction

D. M. Noyes Construction Co., Inc.
100 West Franklin Avenue
Minneapolis, Minnesota 55404

Base Bid	\$282,000	
Alternate A-1, for omitting finishing work in Rooms 311, 312 and 313, Deduct	1,400	
Alternate A-2, for omitting finishing work in Room 207, Deduct	2,200	
Net Bid		\$278,400

**Mechanical Work (including plumbing,
heating and ventilating)**

Midwest Mechanical Services, Inc.
340 Taft Street
Minneapolis 13, Minnesota

Base Bid	\$125,800	
Alternate M-1, for omitting mechanical work in Rooms 311, 312 and 313, Deduct	600	
Alternate M-2, for omitting mechanical work in Room 207, Deduct	640	
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Net Bid		\$124,560

Electrical Installation

Reliable Electric Company
316 Bryant Avenue North
Minneapolis, Minnesota

Base Bid	\$ 36,500	
Alternate E-1, for omitting electrical work in Rooms 311, 312 and 313, Deduct	700	
Alternate E-2, for omitting electrical work in Room 207, Deduct	700	
Alternate E-3, for omitting the 12 volt direct current system, Deduct	940	
	<hr/>	
Net Bid		\$ 34,160
Total of the Above Low Bids		\$437,120

Nonbuilding costs in connection with this project are estimated as follows:

Architects and Engineers fees	\$ 26,230	
Supervision of construction	6,560	
Site survey, test holes, etc.	2,400	
Concrete and material testing services	1,200	
Outside work, including walks, drives, curbs, lawns and landscaping, recon- struction of transformer vent, and waterproofing garage roof under driveway	18,629	
Allowance for custodial equipment.....	500	
Miscellaneous engineering and check- ing of shop drawings	750	
Fire extinguishers, towel cabinets, keying of the building, etc.	500	
	<hr/>	
Total Nonbuilding Costs		\$ 56,769
Total of the Above Costs		\$493,889

Available for Contingencies	9,637
Grand Total of Costs	<u>\$503,526</u>

Source of funds:

1963 Legislative Appropriation	\$140,000
Gifts and pledges (including investment income)	250,800
National Science Foundation Grant.....	50,000
Museum of Natural History Sales Fund (0500-7276-02)	2,500
Thomas S. Roberts Fund (0940-4605-02)	10,000
Matching Funds Reserve (1963-1964) (0100-1423-02)	38,300
Matching Funds Reserve (1964-1965) (0100-1423-02)	11,926
Total Funds	<u>\$503,526</u>

This project is to be completed by April 16, 1965.

On the recommendation of the Vice President, Business Administration, and the President, voted to authorize acceptance of the following low bids for the Duluth Library addition, filed supplement to the minutes, page 16,879. Regent Heaney abstained from voting.

General Construction

A. Hedenberg and Company, Inc.
4621 East Superior Street
Duluth, Minnesota 55804

Base Bid	\$467,000
Alternate G-1, for lowering wall and column footings to elevation 492' 5" to top of footing, Add	3,900
Net Bid	<u>\$470,900</u>

Mechanical Work (including plumbing, heating and ventilating)

A. G. O'Brien Plumbing & Heating Co.
722 East 9th Street
Duluth 5, Minnesota

Base Bid	\$ 83,400
Net Bid	<u>\$ 83,400</u>

Electrical Installation

Universal Electric
407 East Superior Street
Duluth, Minnesota

Base Bid	\$ 92,981	
Net Bid		\$ 92,981
Total of the Above Low Bids		\$647,281

Nonbuilding costs in connection with this product are estimated as follows:

Architects and Engineers fees	\$ 32,364	
Supervision of construction	9,710	
Site survey, test holes, etc.	1,000	
Concrete and material testing services	1,200	
Outside work, including sidewalks, utility changes, lawns and landscaping	11,050	
Miscellaneous engineering and check- ing of shop drawings	1,200	
Fire extinguishers, towel cabinets, keying of the building, etc.	700	
Allowance for custodial equipment.....	1,000	
Allowance for stack equipment, spe- cial furnishings, office furniture, etc.	100,000	
Total Nonbuilding Costs		\$158,224
Total of the Above Costs		\$805,505
Available for Contingencies and Further Contracts		152,495
TOTAL COSTS		\$958,000

Source of funds: 1963 Legislative Appropriation \$958,000

This project is to be completed 365 calendar days from the date of notice to proceed.

ACQUISITION OF PROPERTY

On the recommendation of the Vice President, Business Administration, and the President, voted to approve the acquisition of the following parcels:

Joseph Deason property located at 1920-22-24 Riverside Avenue (consisting of a frontage of 80 feet, more or less, on Riverside Avenue, with a depth ranging from 55 feet on westerly boundary to about 100 feet on its easterly boundary, totaling approximately 5,080 square feet) for the purchase price of \$11,000. Source of funds for this purchase will be 1963 Legislative appropriation for land. Appraisals filed supplement to the minutes, page 16,880.

Jerry E. Harrington property located at 1516 Seventh Street Southeast (consisting of 47 feet frontage by 110 feet, totaling 5,170 square feet) for the purchase price of \$11,750. Source of funds for this purchase will be Athletic Reserve. Appraisals filed supplement to the minutes, page 16,881.

RESOLUTIONS

Voted, on the recommendation of the Vice President, Business Administration, and the President, to grant authorization to accept bids and to award construction contracts for the completion and/or rehabilitation of projects at the University of Minnesota Campuses and Stations for the projects enumerated in the Extra Session Laws 1961, Chapter 72, Section 5, Sub-divisions 2 to 8, and those enumerated in Session Laws 1963, Chapter 1, and projects other than those financed from Legislative appropriations such as the new dormitory at Morris, the Economics and Statistics Research Laboratory Building Addition, and the Meditation Chapel at University Hospitals, with the understanding that all such bids accepted will be within available appropriated or allocated funds, and that the bids and negotiations will be reported to the Board of Regents at the meeting on September 16, 1964.

Voted, on the recommendation of the Vice President, Business Administration, and the President, to authorize the appropriate administrative officers to negotiate and purchase lands within the approved boundaries of the Minneapolis Campus, with the understanding that all such direct purchases will be consistent with the appraisals obtained therefor, and that the results of such negotiations and purchases will be reported to the Board at the meeting of September 16, 1964.

At the request of the Assistant Vice President, and on the recommendation of the Vice President, Business Administration, and the President, voted to approve the following resolution providing for the execution of a loan agreement and numbered Contract No. H-(402)-1984, by and between the Regents of the University of Minnesota and the United States of America:

Be It Resolved by the Regents of the University of Minnesota, as follows:

Section 1. The pending Loan Agreement and numbered Contract No. H-(402)-1984, relating to the erection on the Morris Campus of the University of Minnesota, an educational institution of higher learning, located in Minneapolis, Minnesota, a new dormitory to provide housing and appurtenant facilities for approximately 120 men and women students at the Morris, Minnesota campus, by and between the Regents of the University of Minnesota and the United States of America, is hereby in all respects approved.

Section 2. The President of the Regents of the University of Minnesota is hereby authorized and directed to execute the said Loan Agreement in two counterparts on behalf of the Regents of the University of Minnesota, and the Secretary or Assistant Secretary of the Board of Regents is hereby authorized and directed to impress and attest the official seal of the Regents of the University of Minnesota on each such counterpart and to forward two such counterparts to the Housing and Home Finance Agency, together with such other documents relative to the approval and execution of such counterparts and to this Resolution as may be required by the Government.

At the request of the Assistant Vice President and on the recommendation of the Vice President, Business Administration, and the President, voted to approve the following resolution providing for the execution of a loan agreement and numbered Contract No. H-(402)-1998, by and between the Regents of the University of Minnesota and the United States of America:

Be It Resolved by the Regents of the University of Minnesota, as follows:

Section 1. The pending Loan Agreement and numbered Contract No. H-(402)-1998, relating to the erection on the Duluth Campus of the University of Minnesota, an educational institution of higher learning, located in Minneapolis, Minnesota, a dormitory to provide housing and appurtenant facilities for approximately 101 men students, 101 women students, 2 counselors and a director, by and between the Regents of the University of Minnesota and the United States of America, is hereby in all respects approved.

Section 2. The President of the Regents of the University of Minnesota is hereby authorized and directed to execute the said Loan Agreement in two counterparts on behalf of the Regents of the University of Minnesota, and the Secretary or Assistant Secretary of the Board of Regents is hereby authorized and directed to impress and attest the official seal of the Regents of the University of Minnesota on each such counterpart and to forward two such counterparts to the Housing and Home Finance Agency, together with such other documents relative to the approval and execution of such counterparts and to this Resolution as may be required by the Government.

GIFT

Voted, on the recommendation of the Vice President, Business Administration, and the President, to accept a gift of Nuveen Tax-Exempt bond Fund Certificate No. 6—1920, 50 units from H. C. and Effie J. Timberlake to establish the Timberlake M-Club Father-Son Awards Fund in accordance with the terms of the agreement with the donors, filed supplement to the minutes, page 16,882.

DONATION

Voted, on the recommendation of the Vice President, Business Administration, and the President, to donate to the Smithsonian Institute, a mass spectrometer tube used by Professor Alfred O. C. Nier in 1940 for the first separation of Uranium-235.

CERTIFICATE OF RECOGNITION

The President reported for the information of the Board, the receipt of a certificate in recognition and appreciation for fifty years of continuous membership by the University in the American Society for Testing and Materials.

LEASE—ROSEMOUNT RESEARCH CENTER

Voted, on the recommendation of the Vice President, Business Administration, and the President, to approve a lease of 10 acres of land at the Rosemount Research Center to the Du Pont Company for the storage of explosive materials. Agreement filed supplement to the minutes, page 16,883.

AGREEMENT OF AFFILIATION

On the recommendation of the Vice President, Business Administration, and the President, voted to approve an agreement of affiliation between the Regents of the University of Minnesota and the Board of Commissioners, Hennepin County, covering the relationships between the College of Medical Sciences and Hennepin County General Hospital. Agreement of affiliation filed supplement to the minutes, page 16,884.

REPORT OF STATE PUBLIC EXAMINER

The Vice President, Business Administration, reported for the information of the Board the receipt of the report of the State Public Examiner covering the audit of University records for the fiscal years ending June 30, 1961, 1962 and 1963. Audit report and letters of transmittal filed supplement to the minutes, page 16,885.

BANK LOAN FOR PARKING RAMP

At the meeting of January 10, 1964, the Board voted to authorize the Vice President, Business Administration, to negotiate a loan to the Regents by Northwestern National Bank of Minneapolis, First National Bank of Minneapolis and The First National Bank of St. Paul, in the amount of \$2,400,000 to finance the construction of a 2,000 car parking ramp in the area behind Comstock Hall with the understanding that final terms would be reported to the Board for approval at a future meeting.

The Vice President, Business Administration, and the President, reviewed revisions in cost estimates during the intervening period and the desirability of completing the structure by the addition of a landscaped roof. The Vice President, Business Administration, read a commitment letter from the Northwestern National Bank of Minneapolis, First National Bank of Minneapolis and The First National Bank of St. Paul offering to loan up to a total of \$3,150,000 to finance the cost of construction of the above parking ramp. The commitment letter from the banks is filed supplement to the minutes, page 16,886.

Voted, on the recommendation of the Vice President, Business Administration, and the President, to approve the borrowing of

up to a total of \$3,150,000 from Northwestern National Bank of Minneapolis, First National Bank of Minneapolis and The First National Bank of St. Paul, and to authorize the appropriate administrative officers to execute all necessary documents in connection with this borrowing.

BUSINESS VICE PRESIDENT'S REPORT

Voted to approve the report of the Vice President, Business Administration to the Chairman of the Executive and Finance Committee, filed supplement to the minutes, page 16,887.

Voted to approve transfers of funds No. 11001 to No. 12000 inclusive.

Voted to approve journal vouchers No. 38001 to No. 42000 inclusive.

Voted to approve requisitions No. 55675 to No. 62030 inclusive.

Voted to adjourn.

L. R. LUNDEN, Secretary