

UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS  
MINUTES

November 10, 1951

A meeting of the Board of Regents was held in the Regents' Room on Saturday, November 10, 1951, at nine-thirty o'clock.

Present: Regent Quinlivan, presiding; Regents Bell, Jones, Lawson, Malkerson, Mayo, Novak, Olson, and Skyberg; and Mr. Morrill.

Voted to approve the minutes of the following meeting:

Board of Regents of May 11, 1951

Voted to approve the following budget amendment, 1951-52 and June 16, 1951 minutes:

7-2108, Ernest R G Eckert Professor Mechanical Engineering at the rate of \$8,500 Term B beginning September 16, 1951 to read November 1, 1951

Voted to approve the following budget corrections, 1950-51 and 1951-52:

Hazelle M Erickson Physical Therapy Supervisor University of Minnesota Hospitals at \$3,720 Term A for 1950-51 and \$4,440 Term A for 1951-52 to read Physical Therapy Supervisor and Instructor

Voted to approve the following budget corrections, 1951-52 and salary list corrections, June 13, 1951:

10-1103, Donna J Nissen Clerk-Typist Chemical Storehouse from \$1,980 Term AT to \$2,040 Term AT

42-2020, Harold A Carlson Physics Stores Supervisor Physics from \$3,480 Term A to \$3,576 Term A

54-2310, Joseph T Anderson Assistant Professor School of Public Health—Division of Physiological Hygiene at \$4,170 Term BH75 to read B \$4,170 (\$5,560) with footnote referring to 25% time leave of absence without salary

Voted to approve the following amendment of minutes:

September 29, 1951, John Jarolimek Instructor and Principal University Elementary School from \$4,020 Term BH75 (\$5,000 B rate) to \$4,020 Term BH75 (\$5,360 B rate)

Voted to approve the following terminations of employment:

Sigvald Refsum Lecturer Psychiatry and Neurology effective October 15, 1951

Russell F Roth Instructor English effective October 15, 1951

Reid B England Instructor School of Veterinary Medicine effective October 31, 1951

Arthur E Karlstrom Clinical Instructor Pediatrics without salary effective October 4, 1951 (deceased)

Hugh H Hotson Research Fellow Plant Pathology and Botany Research Funds effective September 30, 1951

Carl R Gustafson West Otter Tail County Agricultural Agent Instructor Agricultural Extension Service effective November 28, 1951

Hilda T Taylor Martin County Home Agent Agricultural Extension Service effective October 24, 1951

Thomas W Hinton Teaching Assistant Mathematics effective October 9, 1951

Lawrence C Mantini Teaching Assistant Romance Languages effective September 30, 1951

Glen L Morgan Administrative Fellow Dean of Students Bureau of Student Loans and Scholarships effective October 31, 1951

John W Didcoct Medical Fellow Mayo Foundation effective September 30, 1951

David J Massa Medical Fellow Mayo Foundation effective September 30, 1951

Franklin Martin, Jr Medical Fellow Mayo Foundation effective September 30, 1951

Allan M McKelvie Medical Fellow Mayo Foundation effective September 30, 1951

Roy F Saxon, Jr Medical Fellow Mayo Foundation effective September 30, 1951

William D Hayford Medical Fellow Minneapolis General Hospital effective September 30, 1951

Kenneth J Holmquist Assistant Director of University Hospitals Service and Supply effective November 15, 1951

Patricia J Buley Key Punch Operator Comptroller effective November 19, 1951

Kathryn Folland Senior Clerk-Typist Comptroller effective October 5, 1951

Lyla J Genty Clerk Comptroller effective October 18, 1951

Charlotte A Preble Clerk-Typist Comptroller effective October 31, 1951

Jo-Ann M Youngner Clerk Comptroller effective November 1, 1951

Blanche M Baklaich Senior Tabulating Equipment Operator Admissions and Records effective November 13, 1951

Barbara A Nelson Senior Clerk Admissions and Records effective October 17, 1951

Joan Dick Senior Clerk-Typist Civil Service Personnel effective October 16, 1951

Joy N Hamel Psychometric Assistant Civil Service Personnel effective October 23, 1951

Virginia Wilson Librarian Library effective November 15, 1951

Louis W Schlatterer Glassblower Scientific Apparatus Repair Shop effective October 9, 1951

Helen Harwood Principal Clerk Bureau of Veterans Affairs effective October 10, 1951

Anne F Carlson Secretary Protection and Investigation effective September 30, 1951 (transferred to miscellaneous payroll)

Dorothy A Nyberg Senior Clerk-Typist Insurance and Retirement effective October 23, 1951

Mary A Bruce Senior Clerk Administration College of Science Literature and the Arts effective October 31, 1951 (transferred to miscellaneous payroll)

Dwight G Reigert General Mechanic Physics effective October 11, 1951

Joan S Owens Clerk-Typist Administration Institute of Technology effective October 19, 1951

Kenneth M Colline Draftsman Mines Experiment Station effective October 3, 1951

Marvel E Bultrud Senior Secretary Dairy Husbandry effective November 2, 1951

Margaret Harris Laboratory Technologist School of Veterinary Medicine and Experiment Station Funds effective November 13, 1951

Alyce M Johnson Clerk Agricultural Extension Service effective October 11, 1951

Carol A Lindberg Clerk-Typist Agricultural Extension Service effective October 26, 1951

John B Faricy Senior General Mechanic North Central School and Experiment Station effective November 26, 1951

Virginia A Winkle Laboratory Technologist Anatomy effective September 15, 1951

Louise P Johnson Secretary Law School effective October 4, 1951

Calista Grono Clerk-Typist Administration College of Education effective October 10, 1951

Elizabeth E Midkiff Clerk-Stenographer University High School effective October 18, 1951

Helen M Trainor Junior Scientist Medicine Research Funds effective October 15, 1951

Leslie Elliott Building Caretaker Physical Plant effective October 26, 1951

Algot Engdahl Utility Man Physical Plant effective October 15, 1951

Wilford Cheadle Fireman Physical Plant effective September 28, 1951

Richard R Hennen Tractor Operator University Farm General Service and Maintenance effective September 25, 1951

Beatrice Nelson Cook Sanford Hall effective October 2, 1951  
Betty M Hutchins Clerk-Typist Students Health Service  
effective October 15, 1951

Paul W Larson Student Union Manager Village Union ef-  
fective October 16, 1951

E Elizabeth Carter Senior Clerk Professional Colleges Book-  
store effective October 24, 1951

Dorothy Babcock Senior Clerk Nicholson Hall Bookstore  
effective October 15, 1951

Ileen E Stewart Laboratory Technologist Dight Institute  
effective October 15, 1951

Axel Carlson Laboratory Animal Attendant Cancer Biology  
effective October 16, 1951

Barbara H Polister Assistant Scientist Surgery Research  
Funds effective August 31, 1951

The following in the University of Minnesota Hospitals

|                  |                     | Effective Date     |
|------------------|---------------------|--------------------|
| Elizabeth Bakke  | Hospital Aide       | October 29, 1951   |
| William Grossley | Hospital Janitor    | September 28, 1951 |
| Beryl Moretter   | Hospital Aide       | November 8, 1951   |
| Geraldine Neyens | General Staff Nurse | October 22, 1951   |
| Jane I Taylor    | General Staff Nurse | October 17, 1951   |
| Harriet Westphal | Clerk-Typist        | November 5, 1951   |
| Grace Harper     | Custodial Worker    | October 10, 1951   |

The following in the Variety Club Heart Hospital

|                |                     | Effective Date  |
|----------------|---------------------|-----------------|
| Myrtle Harris  | Custodial Worker    | October 1, 1951 |
| Naomi Krahn    | General Staff Nurse | October 8, 1951 |
| John Rolfseing | Hospital Janitor    | October 4, 1951 |

Mary J Halesky recipient of a Minnesota Alumni Scholar-  
ship effective October 1, 1951

Selmar D Hanson recipient of a Minnesota Alumni Scholar-  
ship effective October 1, 1951

Sandra Millunchick recipient of a Nina Marais Cohen Schol-  
arship effective October 5, 1951

Voted to approve the following appointments:

Clark H Millikan as Assistant Professor Neurology Mayo  
Foundation without salary November 1, 1950 to June 30, 1952

Leota M Abbott as Assistant Professor Professional Education  
Duluth Branch for 1951-52 at \$4,500 Term BX

Werner P Koella as Research Associate Physiology Research  
Funds October 1, 1951 to June 30, 1952 at \$3,036 Term CHT66  
(subject to availability of funds)

Milo A Latterell as Lecturer General Education September  
16 to October 31, 1951 at \$150 Term CHT23

Hubert M Loy as Lecturer Professional Education Duluth  
Branch and Extension Classes for 1951-52 at \$4,800 Term BX

George J Jennings as Instructor Geography for the fall and  
winter quarters of 1951-52 at \$1,200 Term CH50

Sarabeth T Barnes as Instructor Mathematics October 10, 1951 to June 15, 1952 at the rate of \$1,333 Term BH33

Gerard Samuel as Instructor Music for 1951-52 at \$607 Term BH17

John R Berggren, Jr as Instructor School of Veterinary Medicine November 1, 1951 to June 30, 1952 at the rate of \$4,668 Term A

Albert J Luedke as Instructor School of Veterinary Medicine October 16, 1951 to June 30, 1952 at the rate of \$1,110 Term AHT25

Charles E Stevens as Instructor School of Veterinary Medicine October 16, 1951 to June 30, 1952 at the rate of \$1,110 Term AHT25

David I Seibel as Instructor Obstetrics and Gynecology October 16, 1951 to June 30, 1952 at the rate of \$5,000 Term A

Sibyl G Norris as Instructor School of Nursing October 1, 1951 to June 30, 1952 at the rate of \$4,780 Term AX

Melvin R Mooty as Instructor Law School for 1951-52 at \$1,000 Term BH25

Madeline A Cooke as Instructor University High School for 1951-52 at \$2,363 Term BH75

John J Jurkovich as Instructor Professional Education Duluth Branch for 1951-52 at \$4,100 Term B

Joseph W Jung as Instructor Music for 1951-52 at \$3,360 Term B

Beatrice J Mooney as Instructor School of Nursing Research Funds October 1 to December 15, 1951 at \$740 Term CHT80

Paul Toomik as Clinical Instructor Minneapolis General Hospital September 5, 1951 to June 30, 1952 at the rate of \$2,442 Term AHT55

Charles J Campbell as Kittson County Agricultural Agent Instructor Agricultural Extension Service October 16, 1951 to June 30, 1952 at the rate of \$4,500 (\$3,520 University \$980 County) Term AH70

Mary E Carleton as Blue Earth County Assistant County Home Agent Agricultural Extension Service October 15-31, 1951 at \$144 Term C and as Brown County Home Agent November 1, 1951 to June 30, 1952 at the rate of \$3,200 Term A

James V Johnson continuation of appointment as Brown County Assistant County Agricultural Agent Agricultural Extension Service October 16-31, 1951 at \$167 Term C and as Olmsted County Assistant County Agricultural Agent Soil Conservation November 1, 1951 to June 30, 1952 at the rate of \$4,400 Term A

Alvin H Miller as Teaching Assistant Botany for 1951-52 at \$608 Term BH25

The following as Teaching Assistants English for the fall quarter of 1951-52 at \$270 Term CH33

Mark Harris

Harry C Morris

John H Randall, III

Jane K Sherman

The following as Teaching Assistants Art for 1951-52

|                  | Annual Salary | Term |
|------------------|---------------|------|
| John M Beauchamp | \$ 608        | BH25 |
| Jean P Darriau   | 608           | BH25 |
| David S Gebhard  | 1,215         | BH50 |
| Dorothy S Ross   | 1,215         | BH50 |

Richard E Grant as Teaching Assistant Geology for 1951-52 at \$608 Term BH25

The following as Teaching Assistants History for the fall quarter of 1951-52 at \$405 Term CH50

Kathrine A Beck                      John V Jensen  
Carl H Chrislock

LaVerne L Nies as Teaching Assistant School of Journalism for the fall quarter of 1951-52 at \$203 Term CH25

Augusta L F van Wassenaer as Teaching Assistant School of Social Work for 1951-52 at \$608 Term BH25

Dana Peitersen and Peggy D Smith as Teaching Assistants Music for 1951-52 at \$608 Term BH25

The following as Teaching Assistants General Studies for 1951-52

|                  | Annual Salary | Term |
|------------------|---------------|------|
| Alfred H Boersch | \$ 810        | BH33 |
| Donald R Holmen  | 1,215         | BH50 |
| Agnes Lebeda     | 608           | BH25 |
| Sarah E McBride  | 608           | BH25 |
| Norman R Sherman | 810           | BH33 |
| E Victor Walter  | 1,215         | BH50 |

The following as Teaching Assistants General Studies for the fall quarter of 1951-52

|                    | Annual Salary | Term |
|--------------------|---------------|------|
| Julius Chametzky   | \$203         | CH25 |
| Thomas A Flinn     | 405           | CH50 |
| Josephine H Harris | 203           | CH25 |

Craige E Schensted as Teaching Assistant Physics for the fall quarter of 1951-52 at \$405 Term CH50

Luther G Hagard, Jr as Teaching Assistant Political Science for 1951-52 at \$1,215 Term BH50

Richard G Lindblad and Norman E Welling as Teaching Assistants Political Science October 8, 1951 to June 15, 1952 at the rate of \$608 Term BH25

Corbin S Kidder as Teaching Assistant Psychology for the fall quarter of 1951-52 at \$308 Term CH38

The following as Teaching Assistants Romance Languages for the fall quarter of 1951-52 at \$270 Term CH33

Alexis A Caron                      Esther Noriega del Valle  
Donna A Kistler                      Erwin B Peterson  
Harold C Knutson

Dorothy E Rundorff as Teaching Assistant Romance Languages October 1, 1951 to June 15, 1952 at the rate of \$1,215 Term BH50

John G Moody and Robert G Tuttle as Teaching Assistants Speech and Theatre Arts for the winter and spring quarters of 1951-52 at \$810 Term CH50

Erhart A Schinske as Teaching Assistant Speech and Theatre Arts for 1951-52 at \$1,215 Term BH50

The following as Teaching Assistants Zoology for the fall quarter of 1951-52 at \$203 Term CH25

Truman B Clark

Milton Tinker

Niles H Jefferson

Cheng T Hsu as Teaching Assistant Aeronautical Engineering October 1 to December 15, 1951 at \$338 Term CHT50

Roy H Mattson as Teaching Assistant Electrical Engineering for 1951-52 at \$1,215 Term BH50

Thomas R Beck and Leonard J Seaberg as Teaching Assistants Mechanical Engineering for 1951-52 at \$1,215 Term BH50

Edwin A Haglund as Teaching Assistant Physical Chemistry for 1951-52 at \$1,215 Term BH50

Wilbur N Moulton as Teaching Assistant Organic Chemistry for 1951-52 at \$1,215 Term BH50

Herbert T Nagasawa as Teaching Assistant Inorganic Chemistry for 1951-52 at \$1,215 Term BH50

Chanchaldas F Mataney as Teaching Assistant Bacteriology and Immunology for 1951-52 at \$1,215 Term BH50

Katherine S Chiang and Loren R Sheldahl as Teaching Assistants School of Public Health for 1951-52 at \$1,215 Term BH50

John W Lawrow as Teaching Assistant School of Public Health Laboratory of Physiological Hygiene for 1951-52 at \$1,215 Term BH50

Mary L Sutton as Teaching Assistant Psychiatry and Neurology October 1, 1951 to June 30, 1952 at the rate of \$1,620 Term AHX50

William D Cohen as Teaching Assistant Physiological Chemistry for the fall quarter of 1951-52 at \$405 Term CH50

Jean L Hole as Teaching Assistant Research and Parental Education for 1951-52 at \$810 Term BH33

Victor L Shudlick as Teaching Assistant General Education for 1951-52 at \$608 Term BH25

Rodney O Weiss as Teaching Assistant Music Education for 1951-52 at \$608 Term BH25

Mary E Evans as Teaching Assistant Physical Education for Men for 1951-52 at \$608 Term BH25

The following as Teaching Assistants School of Business Administration for 1951-52 at \$810 Term BH33

Eugene M Fritze

John C Hogan

William A Hambley

Ruth C Stanley

Shirley A Breslow and Raymond C Wirth as Teaching Assistants General College for 1951-52 at \$608 Term BH25

Gordon Gunwall as Teaching Assistant General College for the fall quarter of 1951-52 at \$203 Term CHT25

Peter P Rempel as Research Assistant Bureau of Institutional Research October 16 to December 15, 1951 at \$356 Term CH66

Richard L Davis as Research Assistant Poultry Husbandry Experiment Station Funds October 1 to December 31, 1951 at \$405 Term CHT50

Lavaniel L Henderson as Research Assistant Plant Pathology and Botany Experiment Station Funds October 16, 1951 to June 30, 1952 at the rate of \$1,620 Term AHT50

Richard F Burgess as Research Assistant Plant Pathology and Botany Research Funds October 1, 1951 to June 30, 1952 at the rate of \$1,296 Term AHT40

Arnold C Osterberg and Thomas J Pacholl as Research Assistants Pharmacology Research Funds October 1 to December 31, 1951 at \$405 Term CHT50

Arthur J Robins as Research Assistant Speech Research Funds October 1, 1951 to June 30, 1952 at the rate of \$1,620 Term AHT50

Wesley Berglund as Research Assistant Electrical Engineering Research Funds for 1951-52 at \$1,215 Term BHT50

Donald S Willoughby as Research Assistant Dairy Husbandry Research Funds October 1, 1951 to June 30, 1952 at the rate of \$1,620 Term AHT50

Carroll M Thureen as Research Assistant School of Forestry Research Funds October 1, 1951 to June 30, 1952 at the rate of \$1,620 Term AHT50

Donald O Prielipp as Research Assistant School of Forestry Research Funds October 1, 1951 to June 30, 1952 at the rate of \$1,620 Term AHT50

Robert Drescher continuation of appointment as Research Assistant Plant Pathology and Botany Research Funds November 1, 1951 to June 30, 1952 at the rate of \$1,620 Term AHT50

Herbert W Samenfeld as Research Assistant Dean of Students Student Counseling Bureau Research Funds October 1, 1951 to June 30, 1952 at the rate of \$1,620 Term AHT50

Bertha Davis as Research Assistant Sociology Research Funds for 1951-52 at \$1,215 Term BHT50

Boyd L Mathers as Research Assistant Psychology Research Funds for 1951-52 at \$1,215 Term BHT50

James G Hamilton, Jr as Research Assistant Hormel Institute September 16, 1951 to June 30, 1952 at \$1,283 Term CHT50

Daniel H Simmons as Medical Fellow Medicine October 1, 1951 to June 30, 1952 with salary paid directly by National Heart Institute

John H Glaeser and Thomas C Smersh as Medical Fellows Ophthalmology and Otolaryngology October 1, 1951 to June 30, 1952 at the rate of \$1,872 Term A

John W Smillie continuation of appointment as Medical Fellow Ophthalmology and Otolaryngology for 1951-52 with salary paid directly by United States Public Health Service

Gilbert S Campbell as Medical Fellow Surgery August 10, 1951 to June 30, 1952 with salary paid directly by American Cancer Society

Raden M Kelan as Medical Fellow Surgery October 4, 1951 to June 30, 1952 at the rate of \$1,872 Term A

John F Perry as Medical Fellow Surgery October 1, 1951 to June 30, 1952 at the rate of \$1,872 Term AX

Robert Kochsiek and Lloyd D MacLean as Medical Fellows University of Minnesota Hospitals October 16, 1951 to June 30, 1952 at the rate of \$1,872 Term A

Michael P Goodson as Medical Fellow Neurosurgery Mayo Foundation for three years beginning July 1, 1951 at the rate of \$1,110 Term A

Richard C Ye as Medical Fellow Plastic Surgery Mayo Foundation for three years beginning July 1, 1951 at the rate of \$1,110 Term A

Suad A Niazi as Medical Fellow Experimental Biology Mayo Foundation for one year beginning July 1, 1951 at the rate of \$1,110 Term A

The following as Medical Fellows Mayo Foundation for three years beginning October 1, 1951 at the rate of \$1,110 Term A

|                        |                              |
|------------------------|------------------------------|
| Robert M Akey          | Medicine                     |
| John J Antel           | Neurology                    |
| Charles G Campbell     | Medicine                     |
| Joseph E Caruolo       | Surgery                      |
| Vernon L Cofer, Jr     | Medicine                     |
| Robert N Counts        | Medicine                     |
| James J Crumbley, Jr   | Medicine                     |
| John A Culligan        | Surgery                      |
| David L Dean           | Surgery                      |
| James A Dolphin        | Surgery                      |
| Jack Dunn, Jr          | Neurosurgery                 |
| William E Dwyer, Jr    | Surgery                      |
| John G Erickson        | Medicine                     |
| Luis Fernandez-Herlihy | Surgery                      |
| Charles M Garrett, Jr  | Surgery                      |
| Wesley G Harline       | Plastic Surgery              |
| Mary J Henn            | Medicine                     |
| Stanley W Henson, Jr   | Surgery                      |
| Richard F Herndon      | Medicine                     |
| Harry N Hoffmann, II   | Medicine                     |
| George T Hranilovich   | Pathology                    |
| Angelo G Johnson       | Surgery                      |
| Andrew L Karavitis     | Neurosurgery                 |
| Raja G Khayat          | Medicine                     |
| Paul E-Lacy            | Pathology                    |
| Paul W Lapp            | Otolaryngology and Rhinology |
| Barton L Lewis         | Dermatology                  |
| Harold N Lynge         | Surgery                      |
| Harold T Mankin        | Medicine                     |
| Ralph S McCants        | Medicine                     |

|                       |              |
|-----------------------|--------------|
| Daniel B O'Donnell    | Radiology    |
| Mathew E O'Keefe, Jr  | Surgery      |
| Andrew Kelen          | Medicine     |
| Louis B Matthews, Jr  | Medicine     |
| Janine Y Omnes        | Pediatrics   |
| Robert A Rabens       | Medicine     |
| Alfredo A Ramirez     | Medicine     |
| Merritt G Ringer, Jr  | Urology      |
| Ernst A Rodin         | Neurology    |
| Arnold G Rogers       | Medicine     |
| Bert E Schwarz        | Psychiatry   |
| Lowell R Smith        | Surgery      |
| Joseph C Tarantino    | Surgery      |
| Joseph L Thompson, Jr | Medicine     |
| William H Weidman     | Pediatrics   |
| Joseph A Witt         | Neurosurgery |
| William W Wood        | Surgery      |

The following as Medical Fellows Mayo Foundation without salary for one year beginning October 1, 1951

|                    |                       |
|--------------------|-----------------------|
| Yrjo K J Gronqvist | Anesthesiology        |
| Mohamed Khattab    | Experimental Medicine |
| Isidoor R Leusen   | Experimental Medicine |
| M John Murray      | Medicine              |

Talib M Astarabadi continuation of appointment as Medical Fellow Surgical Research Mayo Foundation October 1, 1951 to September 30, 1952 at the rate of \$1,110 Term A

Fouard Bashour as Medical Fellow Medicine Research Funds October 1, 1951 to June 30, 1952 at the rate of \$1,872 Term AT

Quincy E Fortier as Medical Intern University of Minnesota Hospitals October 15, 1951 to June 30, 1952 at the rate of \$300 Term A

Wallace R Holter as Medical Intern University of Minnesota Hospitals November 1, 1951 to June 30, 1952 at the rate of \$300 Term A

LeRoy Holt as Non-service Fellow Hormel Institute October 16, 1951 to June 30, 1952 at the rate of \$1,360 Term AT

Ethel M Giziewski as Hospital Nursing Supervisor and Instructor University of Minnesota Hospitals October 1, 1951 to June 30, 1952 at the rate of \$4,200 Term A

The following in the Comptroller's Office

|                    |              | Effective Date   | Annual Salary | Term |
|--------------------|--------------|------------------|---------------|------|
| Elsie B Anderson   | Clerk        | October 15, 1951 | \$1,980       | A    |
| Dorothy E Cuthbert | Secretary    | October 15, 1951 | 2,388         | AT   |
| Lois E Dahl        | Clerk-Typist | October 18, 1951 | 1,980         | AT   |
| Elmarie Olson      | Clerk-Typist | October 9, 1951  | 1,980         | A    |

Carolyn J L Farquhar as Clerk-Typist Dean of Students Student Counseling Bureau October 10, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Donna Lindahl as Clerk Dean of Students Student Counseling Bureau October 1, 1951 to June 30, 1952 at the rate of \$1,980 Term A

The following in Civil Service Personnel October 8, 1951 to June 30, 1952

|                 |                        | Annual Salary | Term |
|-----------------|------------------------|---------------|------|
| Betsy Brackett  | Senior Clerk-Typist    | \$2,388       | A    |
| Joyce C Levi    | Psychometric Assistant | 2,568         | A    |
| Pauline O'Leary | Senior Clerk-Typist    | 2,388         | AT   |

Joyce M Hagberg as Clerk-Typist Alumni Relations October 15, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Joan E Loehlein as Clerk-Typist Alumni Relations October 4, 1951 to June 30, 1952 at the rate of \$1,980 Term A

DeLaine B Gust as Clerk-Typist Library October 11, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Phyllis J Harris as Clerk-Typist Bureau of Veterans Affairs October 8, 1951 to June 30, 1952 at the rate of \$1,980 Term AT

Elsie A Hurley as Senior Clerk-Typist Insurance and Retirement October 24, 1951 to June 30, 1952 at the rate of \$2,388 Term A

Barbara L Ballou as Clerk-Typist Music October 1, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Donald H Gooding as General Mechanic Physics October 15, 1951 to June 30, 1952 at the rate of \$3,108 Term AT

Rene O Thune as Laboratory Technical Assistant School of Chemistry October 3, 1951 to June 30, 1952 at the rate of \$2,208 Term A

Mary J Strauch as Clerk-Typist Admissions and Records Department of Agriculture October 4, 1951 to June 30, 1952 at the rate of \$1,980 Term AT

Judith N Moberg as Clerk-Typist Agricultural Extension Service October 17, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Betty A Blakely as Clerk-Stenographer Agricultural Economics Experiment Station Funds October 22, 1951 to June 30, 1952 at the rate of \$1,980 Term AT

Elizabeth A Bakke as Secretary Pharmacology October 9, 1951 to June 30, 1952 at the rate of \$2,388 Term A

Mary C Miroff as Junior Scientist Physiology October 1, 1951 to June 30, 1952 at the rate of \$3,600 Term A

Rosemary M Hammer as Secretary Law School October 3, 1951 to June 30, 1952 at the rate of \$2,388 Term A

Mildred W Henke as Clerk-Stenographer Law School October 10, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Yukie T Kato as Clerk-Typist Administration College of Education October 17, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Maxine E Ammer as Junior Student Personnel Worker Administration Duluth Branch September 16, 1951 to June 30, 1952 at the rate of \$3,480 Term AX

Nancy A Nylund as Secretary Administration Duluth Branch September 17, 1951 to June 30, 1952 at the rate of \$2,388 Term A  
Everett I Downing as Chief Clerk Military Science Department without salary beginning October 9, 1951

Mary F Parker as Senior Laboratory Animal Attendant Surgery Research Funds November 1, 1951 to April 30, 1952 at \$1,260 Term CT

Virginia M Riggs as Laboratory Technician Pediatrics Research Funds September 24 to December 31, 1951 at \$627 Term CT

Margaret M Thornton as Laboratory Technical Assistant Pathology Research Funds October 1, 1951 to June 30, 1952 at the rate of \$2,208 Term AT

Irma C Swanson as Laboratory Technologist Physiological Chemistry Research Funds September 24 to December 31, 1951 at \$858 Term CT

Laura B Grette as Laboratory Technologist Medicine Research Funds October 29, 1951 to March 31, 1952 at \$1,353 Term CT

Earl S Myers as Building Caretaker Physical Plant October 16, 1951 to June 30, 1952 at the rate of \$2,748 Term A

John J Cronemiller as Fireman Physical Plant October 1, 1951 to June 30, 1952 at the rate of \$3,048 Term A

William J Tandy as Assistant to the Director Coffman Memorial Union October 15, 1951 to June 30, 1952 at the rate of \$3,408 Term AX

Joyce C Beall as Clerk-Typist Students Health Service September 17, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Marlys M Larson as Clerk-Typist Nicholson Hall Bookstore September 24, 1951 to June 30, 1952 at the rate of \$1,980 Term AT

Marie K Kiefer as Laboratory Technologist Medicine Research Funds October 1, 1951 to June 30, 1952 at the rate of \$3,168 Term AT

Sally J Economon continuation of appointment as Laboratory Technologist Surgery Research Funds October 1, 1951 to March 31, 1952 at \$1,584 Term CT

Clarence J Gunther continuation of appointment as Senior Laboratory Animal Attendant Surgery Research Funds October 1, 1951 to March 31, 1952 at \$1,260 Term CT

Joan L Walz continuation of appointment as Laboratory Technician Surgery Research Funds October 1, 1951 to March 31, 1952 at \$1,308 Term CT

Sheldon I Greenberg as Junior Scientist Hormel Institute October 1, 1951 to June 30, 1952 at the rate of \$3,408 Term AT

Carolyn C White as Junior Scientist Psychology Research Funds October 1, 1951 to June 15, 1952 at the rate of \$1,917 Term BHT75

The following in the University of Minnesota Hospitals October 16, 1951 to June 30, 1952

|                 |                     | Annual Salary | Term |
|-----------------|---------------------|---------------|------|
| Beverly Brandt  | General Staff Nurse | \$3,024       | A    |
| Margery Krenzel | Recovery Room Nurse | 3,048         | A    |
| Mary A Roth     | General Staff Nurse | 3,024         | A    |

Anna Domning as Food Service Worker University of Minnesota Hospitals November 1, 1951 to June 30, 1952 at the rate of \$2,280 Term A

Nancy H French as Operating Room Nurse University of Minnesota Hospitals October 1, 1951 to June 30, 1952 at the rate of \$3,048 Term A

The following as recipients of Law Faculty Scholarships of \$250 each October 22, 1951 Law School

|                  |                 |
|------------------|-----------------|
| David L Graven   | John G Williams |
| Richard G Lareau |                 |

The following as recipients of Samuel W Melendy Memorial Scholarships of \$200 each for 1951-52 College of Pharmacy

|                    |                    |
|--------------------|--------------------|
| Darrell E Breen    | Arthur M Matsuyama |
| Willard E Crosby   | Gary W Omodt       |
| Joseph Geller      | Neil H Rauk        |
| Vincent G Gladhill | Marie T Van Groll  |
| Robert F Lenz      |                    |

Julian H Markels and Paul Ramsey, Jr as recipients of Moses Marston Prizes of the Fellowship Association of the University of Minnesota at \$75 each for 1950-51 English

The following as recipients of University Bookstore Scholarships for 1951-52

|                 |       |                             |
|-----------------|-------|-----------------------------|
| James W Burke   | \$200 | Chemical Engineering        |
| Marie T Funke   | 100   | School of Dentistry         |
| Robert Herman   | 150   | General College             |
| Donald H Olson  | 150   | Civil Engineering           |
| Dolores Panning | 100   | College of Medical Sciences |

William R Turgeon as recipient of a Sears-Roebuck Agricultural Freshman Scholarship of \$150 for 1951-52 College of Agriculture Forestry Home Economics and Veterinary Medicine

The following as recipients of Sears-Roebuck Scholarships of \$55 each for 1951-52 School of Agriculture

|                  |                    |
|------------------|--------------------|
| Leona E Archerd  | Emmett J Stevermer |
| Eugene V Francis | Marvin H Wendland  |
| Dean W Gransee   |                    |

The following as recipients of Sears-Roebuck Scholarships for the fall term of 1951-52 North Central School and Experiment Station

|                 |      |
|-----------------|------|
| Dale Goodale    | \$40 |
| Wallace Kucera  | 40   |
| Phillip Talcott | 45   |

Don W Antonuk as recipient of a Henry L Williams Scholarship of \$347.55 for 1951-52 General College

John P Carlson as recipient of a Henry L Williams Scholarship of \$146.55 for 1951-52 Agricultural Economics

Young S Ko as recipient of a Henry L Williams Scholarship of \$347.55 for 1951-52 College of Education

Joseph P Martin as recipient of a Henry L Williams Scholarship of \$225 for 1951-52 College of Science Literature and the Arts

David D Weiss as recipient of a Henry L Williams Scholarship of \$161.55 for 1951-52 College of Science Literature and the Arts

Duane Dipprey as recipient of a Tozer Foundation Undergraduate Scholarship of \$300 October 1, 1951 to August 31, 1952 Mechanical Engineering

Lawrence L Inman as recipient of a Tozer Foundation Graduate Scholarship of \$300 for 1951-52 Horticulture

Wayne W Thompson as recipient of a Tozer Foundation Undergraduate Scholarship of \$300 for 1951-52 College of Science Literature and the Arts

Lowell C Domholdt as recipient of a Minnesota Alumni Scholarship of \$225 for 1951-52 Mechanical Engineering

Dallas L Petersen as recipient of a Minnesota Alumni Scholarship of \$300 for 1951-52 College of Science Literature and the Arts

Donavon E Grenier and Marlene Y Jondal as recipients of Social Service Council Scholarships of \$100 each for 1951-52 College of Agriculture Forestry Home Economics and Veterinary Medicine

Allan Bradshaw as recipient of a Caleb Dorr Scholarship of \$40 for the fall term of 1951-52 North Central School and Experiment Station

John P Byron as recipient of a Weed Munro Law Scholarship of \$75 October 22, 1951 Law School

Frank D Dennis as recipient of a W K Kellogg Foundation Medicine Scholarship of \$200 for 1951-52 College of Medical Sciences

Bertha L Heilbron as recipient of a Rockefeller Foundation Regional Writing Scholarship of \$200 November 1, 1951

Lothar K Klein as recipient of an Emil Oberhoffer Scholarship of \$90 for 1951-52 Music

James B McKenney as recipient of a Curtis Lloyd Jensen Scholarship of \$250 October 22, 1951 Law School

Mary A Morris as recipient of an American Association of University Women Scholarship of \$1,200 for 1951-52 Graduate School

Daniel Peterson as recipient of a LeRoy Cady Memorial Scholarship of \$75 for 1951-52 School of Agriculture

Ralph E Peterson as recipient of a Scandinavian Area Program Studies Scholarship of \$400 for 1951-52 Scandinavian Area Program

John A Wetherbee as recipient of an Appreciation Day Band Fund Scholarship of \$150 for the fall quarter of 1951-52 Music

Voted to approve the following special appointments:

Richard M Gollin student as Teaching Assistant English beginning October 1, 1951 at \$1.56 per hour (wife Rita K Gollin student Teaching Assistant English Term BH33)

Leah Horwitz student as Research Assistant Physics Research Funds beginning October 8, 1951 at \$1.56 per hour (husband Nahmin Horwitz student Research Assistant Physics Research Funds Term BHT55)

Harold M Schneidman as Clinic Physician Students Health Service beginning October 1, 1951 at \$3.85 per hour (cousin Nathan Lifson Professor Physiology Term B)

Wilma Bibbey as Food Service Worker Shevlin Hall Food Service beginning October 1, 1951 at 95¢ per hour (husband Archie Bibbey student Food Service Worker Shevlin Hall Food Service hourly rate)

Helen Bogen as Clerk-Typist Comptroller beginning October 9, 1951 at \$165 per month (mother Martha Hilgeman Laboratory Technologist Dairy Husbandry Term A)

Grace W Borth as Senior Clerk School of Journalism Research Division beginning October 1, 1951 at \$1.09 per hour (cousin Bernard Bierman Professor Physical Education and Athletics for Men Term BH33)

Frank R Cizl as Senior Custodial Worker Northwest School and Experiment Station beginning October 1, 1951 at \$218 per month (brother-in-law Wilbur H Parkin Building Caretaker Northwest School and Experiment Station Term A)

John B Copp as Farm Laborer Southeast Experiment Station beginning October 2, 1951 at \$1.06 per hour (father-in-law Frank Hasner Farm Laborer Southeast Experiment Station Term A)

LaRita C Evans as General Staff Nurse University of Minnesota Hospitals beginning October 1, 1951 at \$244 per month (husband Douglas C Evans Medical Intern University of Minnesota Hospitals Term A)

Lauren F Fosmoe as Laborer Physical Plant beginning October 8, 1951 at \$199 per month (sister Agnes J Fosmoe Elevator Operator University of Minnesota Hospitals hourly rate)

Reginald Gilbertsen student as Commercial Artist Coffman Union Food Service beginning October 1, 1951 at \$1.18 per hour (wife Louise Gilbertsen Senior Food Service Supervisor Coffman Union Food Service Term A)

Eleanor T Heutmaker as Farm Laborer Fruit Breeding Farm beginning September 25, 1951 at \$1.06 per hour (son Vernon Heutmaker student Farm Laborer Fruit Breeding Farm hourly rate)

Irene S Iverson as Custodial Worker Physical Plant September 29 to November 24, 1951 at 95¢ per hour (mother Anne Iverson Custodial Worker Physical Plant monthly rate)

Myril J Jensen as Junior Librarian Library beginning October 15, 1951 at \$274 per month (husband Wilbur F Jensen Personnel Assistant Civil Service Personnel Term A)

Catherine S Kehr as Cook Agricultural Cafeteria beginning October 1, 1951 at \$1.27 per hour (husband William Kehr Herdsman Veterinary Medicine Term A)

Marcella T Klumpp as Senior Clerk Professional Colleges Bookstore October 1, 1951 to June 30, 1952 at the rate of \$2,388 Term A (husband James H Klumpp Research Fellow Mathematics and Mechanics monthly basis)

Helen T Kuring as General Staff Nurse University of Minnesota Hospitals beginning October 1, 1951 at \$244 per month (sister Virginia Kuring General Staff Nurse Variety Club Heart Hospital Term A)

Henrietta C Lysaker as Dormitory Proctor Northwest School and Experiment Station beginning September 29, 1951 at \$202 per month (husband Herschel H Lysaker Assistant Professor Northwest School and Experiment Station Term AP; son Henry Lysaker Dormitory Proctor Northwest School and Experiment Station monthly rate)

Mary B Matusovic as Senior Clerk Administration College of Science Literature and the Arts beginning November 1, 1951 at \$211 per month (husband Joseph Matusovic Truck Driver General Storehouse Term A on military leave)

Berneice A Neuberger as Farm Laborer Fruit Breeding Farm beginning September 25, 1951 at \$1.06 per hour (husband Joe E Neuberger as Farm Laborer Fruit Breeding Farm hourly rate)

Kathleen M Price student as Custodial Worker West Central School and Experiment Station beginning October 3, 1951 at 60¢ per hour (sister Patricia Price student Custodial Worker West Central School and Experiment Station hourly rate)

Carol R Salisbury as Clerk-Typist College of Agriculture Forestry Home Economics and Veterinary Medicine beginning October 1, 1951 at \$165 per month (aunt Margaret Salisbury Principal Clerk Comptroller Term A)

Inez E Stymiest as Food Service Worker Northwest School and Experiment Station beginning October 11, 1951 at \$165 per month (husband Chester A Stymiest Utility Man Northwest School and Experiment Station monthly rate)

Betty C Voss as Clerk-Typist Professional Education Duluth Branch beginning October 1, 1951 at 95¢ per hour (father Gordon Voss Assistant Professor Professional Education Duluth Branch Term B)

Bernice J Wenzel as Senior Clerk-Typist Aeronautical Engineering beginning September 1, 1951 at \$205 per month (husband Victor A Wenzel Senior General Mechanic Aeronautical Engineering monthly rate)

Voted to approve the following promotions and transfers:

Roland Abraham from Jackson County Agricultural Agent Assistant Professor Agricultural Extension Service at \$5,400 (\$3,520 University \$1,880 County) Term AH65 to Associate Professor District Supervisor County Agent Work at the rate of \$6,400 Term A beginning January 1, 1952

Homer T Mantis from Research Associate Engineering Experiment Station Research Funds at \$6,000 Term AT to Assistant Professor Mechanical Engineering at the rate of \$4,750 Term B September 16, 1951 to June 15, 1953

Arthur W Rudnick, Jr from Research Assistant Dairy Husbandry at \$2,527 Term AH78 to Instructor at the rate of \$4,050 Term AHT90 November 1, 1951 to June 30, 1952

Evelyn D Harne from South St Louis County Home Agent Agricultural Extension Service at \$4,020 (\$2,372 University \$1,648 County) Term AH59 to Instructor State Club Agent at the rate of \$4,440 Term A January 1 to June 30, 1952

Helene Nahas Teaching Assistant Romance Languages at \$1,215 Term BH50 to serve as Instructor at \$555 Term CHX50 for the fall quarter of 1951-52

Mildred D Kosaki from Research Fellow Bureau of Educational Research at \$2,331 Term BH70 to Research Fellow Bureau of Educational Research and Instructor General Education at \$2,997 Term BH90 for 1951-52

George M Christensen from Teaching Assistant General College at \$1,215 Term BHT50 to Instructor at \$1,665 Term BHT50 for 1951-52

David C England from Research Assistant Animal Husbandry Graduate School Research Funds at \$1,620 Term AHT50 to Research Fellow at the rate of \$2,220 Term AHT50 October 16, 1951 to June 30, 1952

Paul O Stratton from Non-service Fellow Hormel Institute at \$1,360 Term AT to Research Fellow Animal Husbandry Research Funds at the rate of \$2,220 Term AHT50 October 16, 1951 to June 30, 1952

Elaine E Tessman from Martin County Assistant County Home Agent Agricultural Extension Service at \$375 Term C September 13 to October 31, 1951 to Martin County Home Agent at the rate of \$3,400 (\$3,200 University \$200 County) Term AH99 October 25, 1951 to June 30, 1952

Jeanne A LaBlonde Teaching Assistant General Education at \$608 Term BH25 to receive \$608 for 25% additional time University Elementary School for 1951-52

Christer E Nordman from Teaching Assistant Physical Chemistry at \$1,215 Term BH50 to Research Assistant without change in salary rate or term for 1951-52

Stanley F Paulson from Teaching Assistant Speech and Theatre Arts at \$1,215 Term BH50 to Research Assistant Psychology Research Funds without change in salary rate Term BHT50 for 1951-52

Norman A Sterrie Medical Fellow Minneapolis General Hospital at \$1,872 Term A to serve as Medical Fellow Pediatrics without change in salary rate or term October 1, 1951 to March 31, 1952

John B Balken Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Kenny Institute March 3 to April 6, 1952

Edward D Cumming Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Kenny Institute December 24, 1951 to January 27, 1952 and Children's Hospital June 16-30, 1952

Elizabeth Drake Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Kenny Institute June 16-30, 1952

Robert Gauchat Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Children's Hospital March 3 to April 6, 1952

Thomas Good Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Children's Hospital April 7 to May 11, 1952

Margaret Hunt Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Kenny Institute January 28 to March 2, 1952

Julia K Ling Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Kenny Institute April 7 to May 11, 1952

Ralph Nyhus Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Children's Hospital December 24, 1951 to January 27, 1952

Wilmer Pew Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Children's Hospital May 12 to June 15, 1952

Lois Goings from General Staff Nurse University of Minnesota Hospitals at \$3,120 Term A to Recovery Room Nurse at the rate of \$3,240 Term A September 1, 1951 to June 30, 1952

Ruth Toher Assistant Head Hospital Nurse University of Minnesota Hospitals at \$3,204 Term A to serve as Head Hospital Nurse at the rate of \$3,408 Term AX September 24, 1951 to June 30, 1952

**Voted to approve the following salary adjustments:**

Rafael Druian Assistant Professor Music from \$1,590 Term BH25 to \$2,416 Term BH38 for 1951-52

Walter A Stricks Research Associate Chemistry Research Funds from \$5,520 Term AHT97 (\$5,680 A rate) to \$6,000 Term AT for 1951-52

Esta Klein Instructor English at \$370 Term CHX33 to receive \$247 for 33% additional time October 16 to December 15, 1951

Joseph W Miller Instructor General Studies at \$2,240 Term BH67 to receive \$373 for 33% additional time English for the fall quarter of 1951-52

Paul B Hammond Instructor School of Veterinary Medicine from \$3,908 Term AH85 to the rate of \$4,598 Term A October 1, 1951 to June 30, 1952

John F Henry, Jr Instructor School of Veterinary Medicine from \$3,908 Term AH85 to the rate of \$4,598 Term A October 1, 1951 to June 30, 1952

Kenneth F Moist Instructor School of Veterinary Medicine from \$4,480 Term A to the rate of \$4,670 Term A November 1, 1951 to June 30, 1952

William R Pritchard Instructor School of Veterinary Medicine from \$4,858 Term AH85 to the rate of \$5,715 Term A October 1, 1951 to June 30, 1952

Francis A Spurrell Instructor School of Veterinary Medicine from \$4,427 Term AH89 to the rate of \$4,974 Term A October 1, 1951 to June 30, 1952

Gordon I Swanson Instructor Agricultural Education at \$2,498 Term BH75 to receive \$833 for 25% additional time October 1, 1951 to June 30, 1952

Shin Tamura Instructor Agricultural Education from \$500 Term CH23 to \$556 Term CH25 for the fall and winter quarters of 1951-52

William J Moonan Instructor General Education at \$2,498 Term BH75 to receive \$833 for 25% additional time October 1, 1951 to June 30, 1952

William V Schleppegrell Instructor University High School at \$2,551 Term BH75 to the rate of \$3,192 Term BH95 October 16, 1951 to June 15, 1952

Karl J Vander Horck Instructor and Field Assistant Bureau of Field Studies and Surveys from \$3,596 Term AH81 to the rate of \$2,220 Term AH50 October 1, 1951 to June 30, 1952

Charles T Haley Koochiching County Agricultural Agent Instructor Agricultural Extension Service from \$4,500 (\$3,520 University \$980 County) Term AH78 to \$4,665 (\$3,520 University \$1,145 County) Term AH75 for 1951-52

Howard Worthen Medical Intern University of Minnesota Hospitals at \$300 Term A to be paid directly by Children's Hospital January 28 to March 2, 1952

Margaret Lyman Medical Intern Variety Club Heart Hospital at \$300 Term A to be paid directly by Kenny Institute May 12 to June 15, 1952

Vera Makivirta from Principal Librarian Library at \$4,920 Term A to Principal Librarian and Instructor without change in salary rate or term October 1, 1951 to June 30, 1952

Clarence N Anderson from News Representative News Service Duluth Branch at \$5,040 Term A to News Representative and Instructor without change in salary rate or term for 1951-52

Betty C Soley from Clerk Comptroller at \$2,040 Term AT to Key Punch Operator at the rate of \$2,208 Term A October 8, 1951 to June 30, 1952

Robert W Barrie from Teaching Assistant Political Science at \$1,215 Term BH50 to Junior Student Personnel Worker Dean of Students Student Housing Bureau at the rate of \$3,288 Term A October 8, 1951 to June 30, 1952

Norma W Berkely from Clerk-Typist Alumni Relations at \$2,100 Term A to Clerk Admissions and Records without change in salary rate or term October 8, 1951 to June 30, 1952

Eileen M Peterson from Clerk Admissions and Records at \$2,040 Term A to Senior Clerk at the rate of \$2,388 Term A November 1, 1951 to June 30, 1952

Dorothy S Brewer from Senior Clerk Admissions and Records at \$2,460 Term A to Principal Clerk Civil Service Personnel at the rate of \$3,048 Term A October 22, 1951 to June 30, 1952

Mary C Schumacher from Clerk-Typist Bureau of Veterans Affairs at \$2,280 Term AT to Senior Clerk at the rate of \$2,388 Term AT October 8, 1951 to June 30, 1952

Gertrude S Battell from Junior Librarian Library Department of Agriculture at \$3,576 Term A to Librarian at the rate of \$3,624 Term A October 1, 1951 to June 30, 1952

Catherine T Richardson from Junior Librarian Library at \$3,288 Term A to Librarian Law School at the rate of \$3,528 Term A October 1, 1951 to June 30, 1952

Donna L Kollias from Laboratory Technician Surgery Research Funds at \$1,200 Term CT July 1 to December 31, 1951 to Principal Laboratory Attendant at the rate of \$3,048 Term AT October 16, 1951 to June 30, 1952

William Doyle from Utility Man University of Minnesota Hospitals at \$2,580 Term A to Hospital Janitor at the rate of \$2,460 Term A October 16, 1951 to June 30, 1952

Helen M Habermann Teaching Assistant Botany from \$608 Term BH25 to \$1,215 Term BH50 for 1951-52

Richard L Pierce Teaching Assistant Botany from \$608 Term BH25 to \$1,215 Term BH50 for 1951-52

John A Sweetser, III Teaching Assistant English at \$810 Term BH33 to receive \$180 for 33% additional time October 16 to December 15, 1951

Gene Bluestein Teaching Assistant General Studies from \$608 Term BH25 to \$810 Term BH33 for 1951-52

Richard M Gollin Teaching Assistant General Studies at \$810 Term BH33 to receive \$180 for 33% additional time October 16 to December 15, 1951

Maxwell E Kettner Teaching Assistant Physics from \$1,215 Term BH50 to \$608 Term BH25 for 1951-52

William E Howell Research Assistant Hormel Institute from \$1,620 Term AHT50 to \$1,215 for 33% time October 1, 1951 to March 31, 1952 and 83% time April 1 to June 30, 1952

John W Pappas Assistant Herdsman North Central School and Experiment Station from \$2,640 (\$2,280 University \$360 United States Department of Agriculture) Term AHT86 to the rate of \$2,640 (\$1,440 University \$1,200 County) Term AHT55 September 1 to November 30, 1952 and to the rate of \$2,640 Term AT December 1, 1951 to June 30, 1952

William J Edin Carpenter Foreman Physical Plant from \$4,846 Term A to the rate of \$4,992 Term A September 24, 1951 to June 30, 1952

John W Farmer Sheet Metal Foreman Physical Plant from \$5,148 Term A to the rate of \$5,200 Term A October 1, 1951 to June 30, 1952

Rodney Magnuson Carpenter Foreman Physical Plant from \$4,846 Term A to the rate of \$4,992 Term A September 24, 1951 to June 30, 1952

Mary J Sheplee Clerk-Typist Students Health Service from \$1,980 Term A to the rate of \$2,040 Term A September 16, 1951 to June 30, 1952

Roland E Anderson Engineering Assistant Physics Research Funds from \$1,572 Term AHT50 to the rate of \$2,359 Term AHT75 October 1, 1951 to June 30, 1952

Voted to approve the following leaves of absence:

Ernest R Johnston Assistant Professor Mathematics and Mechanics 50% time leave without salary for the fall and winter quarters of 1951-52 for work toward doctor's degree

Fae Y Tichy Assistant Professor Psychiatry and Neurology 9% time leave without salary October 1, 1951 to June 30, 1952 to assist with setting up a laboratory at the Anoka State Hospital

Vernon Hoysler McLeod County Agricultural Agent Assistant Professor Agricultural Extension Service leave with salary September 26 to October 15, 1951 on account of illness

Joseph C Doane, III Medical Fellow Mayo Foundation leave without salary October 1, 1951 to June 30, 1952 for military service

Joseph D Enterline Medical Fellow Mayo Foundation leave without salary October 1-31, 1951 for personal reasons

James C Fahl Medical Fellow Mayo Foundation leave without salary October 1, 1951 to June 30, 1952 for military service

Mary A Halpin Medical Fellow Mayo Foundation leave without salary October 1-15, 1951

Murray S Hoffman Medical Fellow Mayo Foundation leave without salary October 1, 1951 to June 30, 1952 for military service

Robert M Krout Medical Fellow Mayo Foundation leave without salary October 1, 1951 to June 30, 1952 for military service

Haven W Mankin Medical Fellow Mayo Foundation leave without salary October 1, 1951 to June 30, 1952 for military service

John A McFarlane Medical Fellow Mayo Foundation leave without salary October 1, 1951 to June 30, 1952 for military service

Robert E Waud Medical Fellow Mayo Foundation leave without salary October 1, 1951 to June 30, 1952 for military service

Maurice B Wehr Medical Fellow Mayo Foundation leave without salary September 16, 1951 to June 30, 1952 for military service

Clarence N Anderson News Representative and Instructor News Service Duluth Branch leave without salary July 9-15, 1951 to attend summer session

Leora H Koebnick Clerk Dean of Students Student Counseling Bureau 13% time leave without salary October 2 to December 15, 1951 to attend classes at the University of Minnesota

Jean T DeBell Museum Assistant Museum of Natural History leave without salary July 1 to September 15, 1951 (delayed beginning work)

Uffe Strandskov Assistant Herdsman Northeast Experiment Station continuation of leave without salary November 1 to December 31, 1951 on account of illness

Betty J Turner Secretary Pathology leave without salary June 18-22, 1951 on account of illness of mother

Anna J Benson Laboratory Technologist Psychiatry and Neurology leave without salary October 2 to November 15, 1951 on account of injury

Julia C Johnson Food Service Worker Coffman Union Food Service continuation of 25% time leave without salary October 1, 1951 to June 30, 1952 on account of illness

Anna Borys Laundry Worker University Laundry continuation of leave without salary October 22-31, 1951 on account of injury

Donald M Porter Assistant Communications Technician Audio-Visual Education Service continuation of leave without salary October 1-5, 1951 for personal reasons

Minnie Lund Food Service Worker University of Minnesota Hospitals leave without salary October 4 to November 2, 1951 on account of illness of sister

Martha Voie Assistant Night Nursing Supervisor University of Minnesota Hospitals leave without salary October 23 to December 31, 1951 on account of illness of sister

Regents Olson and Quinlivan, Board representatives, reported on the meeting of the Association of Governing Boards of State Universities and Allied Institutions, held at Houston, Texas, October 9 to 15, 1951.

The President reported for the information of the Board letter from Colonel Hubert A. Schon, Corps of Engineers, USAR, commending the cooperation of the University faculty in general, and the special assistance of Professor Charles H. McLaughlin in particular, in connection with the Twin City ORC School.

Voted to approve the following non-campus service for members of the staff:

J. R. Chipault, Assistant Professor of the Hormel Institute, to teach an evening class in Conversational French for the Austin Junior College.

Dr. Helmut A. Zander, Professor of Dentistry, to serve as a special consultant of the Dental Study Section of the National Institutes of Health, United States Public Health Service

Professor A. Glenn Richards, Entomology and Economic Zoology, to serve as a consultant for the law firm of Williamson and Williamson, Patent Attorneys

Professor Lloyd Short, Political Science, to serve as a consultant to the Department of State in the planning of a program involving two groups of German civil servants who will visit the United States during 1951.

Assistant Professor A. E. Cronk, Aeronautical Engineering, to serve as a consultant for General Mills, Inc., on special problems with their Aeronautical Research Laboratories.

Voted to approve the following contracts covering school building surveys:

Independent School District No. 79 (Howard Lake), Wright County, Minnesota, filed supplement to the minutes, page 6288.

Independent School District 40 (Farmington), Dakota County, Minnesota, filed supplement to the minutes, page 6289.

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

No. AF 33(038)-18903, Supplemental Agreement No. 1, United States Air Force, increase in amount and extension of time, filed supplement to the minutes, page 6290.

No. AF 33(038)-22893 United States Air Force with Minneapolis Honeywell, University sub-contractor with Minneapolis Honeywell, basic research in non-linear mechanics, filed supplement to the minutes, page 6291.

No. W-21-018-eng-676, United States Army, Engineers, Supplement No. 2 to Work Order 2, translations of Russian literature, filed supplement to the minutes, page 6292.

No. W-11-175-TNG-(AAV)-198, Supplement No. 3, United States Army, Headquarters Fifth Army training of one officer, filed supplement to the minutes, page 6293.

No. DA 11-009-QM-12997, United States Army, Quartermaster Corps, continuation of No. DA 11-009-QM-1010, filed supplement to the minutes, page 6294.

No. DA-49-007-MD-95, Modification No. 1, United States Army, Surgeon General, filed supplement to the minutes, page 6295.

No. N8onr-66217, United States Navy, Office of Naval Research, filed supplement to the minutes, page 6296.

No. 9onr-83600, Amendment No. 3, United States Navy, Office of Naval Research, filed supplement to the minutes, page 6297.

No. NOrd-10346, Amendment No. 7, United States Navy, Ordnance, filed supplement to the minutes, page 6298.

The Business Vice President reported for the information of the Board receipt of the following patent document:

Original Mexican Patent No. 49757, application No. 27262, Dr. Ole Gisvold, Improvements in or Relating to a Process of Making Extracts of Plants of the Species *Larrea Divaricata*, filed supplement to the minutes, page 6299.

Voted to approve increase in the dues of the American Association of Colleges of Pharmacy from \$100 to \$200.

On recommendation of the President the Board approved the following tenure status of staff members:

The following staff members have achieved permanent tenure in accordance with the regulations concerning academic tenure at the ranks indicated, effective July 1, 1951

|                        |                          |                                |                            |
|------------------------|--------------------------|--------------------------------|----------------------------|
| Roger B. Page          | Asst. Dean & Asst. Prof. | Administration                 | S. L. & A.                 |
| Donald R. Torbert      | Asst. Prof.              | Art                            | S. L. & A.                 |
| Charles Hatfield, Jr.  | Asst. Prof.              | Mathematics                    | S. L. & A.                 |
| Gayle W. McElrath      | Asst. Prof.              | Math. and Mechanics            | Technology                 |
| William D. Munro       | Asst. Prof.              | Math. and Mechanics            | Technology                 |
| Wesley N. Herr         | Asst. Prof.              | Inorganic Chemistry            | Technology                 |
| Robert A. Phillips     | Asst. Prof.              | Horticulture                   | Agriculture                |
| Elwin R. Duncan        | Asst. Prof.              | Agric. Extension               | Agriculture                |
| Gerald R. McKay        | Asst. Prof.              | Agric. Extension               | Agriculture                |
| Ralph W. Wayne         | Asst. Prof.              | Agric. Extension               | Agriculture                |
| Richard B. Aakre       | Asst. Prof.              | N.C. School and Station        | Agriculture                |
| Kenneth P. Miller      | Asst. Prof.              | N.C. School and Station        | Agriculture                |
| Cecelia R. Lediger     | Asst. Prof.              | School of Nursing              | Medical Sciences           |
| Amy D. Peterson        | Asst. Prof. and Teacher  | Nursery School                 | Child Welfare              |
| Howard F. Nelson       | Asst. Prof.              | Trade and Industrial Education | Education                  |
| J. Merle Harris        | Asst. Prof.              |                                | General College            |
| Wilfred O. Stout       | Asst. Prof.              |                                | General College            |
| Margaret W. St. George | Asst. Prof.              | Fine and Applied Arts          | Duluth Branch              |
| Maurice Ostrander      | Asst. Prof.              |                                | Physical Education for Men |
| Frederick E. Berger    | Asst. Prof.              | Extension Class Instruction    | Extension Division         |
| Norman W. Johnson      | Asst. Prof.              | Center for Continuation Study  | Extension Division         |

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

September 1, 1951 through October 31, 1951

### ACQUISITIONS

#### Purchases—Bonds

#### Mayo Fellowship Current Fund

| Par Value     | Security   | Maturity | Cost          |
|---------------|--|----------|---------------|
| \$ 200,000.00 | United States of America Treasury Certificates of Indebtedness, 1 7/8% | 4-1-52   | \$ 200,218.75 |

| <b>Mayo Memorial Building Bookstore Fund</b>                      |   |          |              |
|---|---|----------|--------------|
| Par Value   | Security  | Maturity | Cost         |
| 83,300.00   | United States of America Treasury Savings Notes, Series "A".....  | 9-15-54  | 83,300.00    |
| <b>General University Current Fund</b>                            |   |          |              |
| 500,000.00  | United States of America Treasury Bills .....   | 11-1-51  | 499,618.06   |
| 1,000,000.00  | United States of America Treasury Bills .....   | 11-29-51 | 998,125.00   |
| 1,000,000.00  | United States of America Treasury Certificates of Indebtedness, 1 $\frac{3}{8}$ % .....                 | 4-1-52   | 1,001,093.75 |
| 1,000,000.00  | United States of America Treasury Certificates of Indebtedness, 1 $\frac{3}{8}$ % .....                 | 4-1-52   | 1,000,899.16 |
| <b>General University Plant Fund</b>                              |   |          |              |
| 200,000.00  | United States of America Treasury Certificates of Indebtedness, 1 $\frac{3}{8}$ % .....                 | 4-1-52   | 200,218.75   |
| <b>Group Investment Fund</b>                                      |   |          |              |
| 50,000.00   | Celanese Corporation of America 3 $\frac{1}{2}$ % Debenture Bonds .....                                 | 10-1-76  | 50,000.00    |
| 50,000.00   | Food, Machinery and Chemical Corporation, 3.20% Debenture Bonds .....                                   | 3-15-76  | 50,625.00    |
| 25,000.00   | United Gas Corporation, 1st Mortgage and Collateral Trust Bonds, 3 $\frac{5}{8}$ % Series due 1971..... | 7-1-71   | 25,591.75    |
| <b>Senate Committee on Intercollegiate Athletics Current Fund</b> |   |          |              |
| 400,000.00  | United States of America Treasury Certificates of Indebtedness, 1 $\frac{3}{8}$ % .....                 | 4-1-52   | 400,437.50   |
| <b>Service Enterprises Current Fund</b>                           |   |          |              |
| 250,000.00  | United States of America Treasury Certificates of Indebtedness, 1 $\frac{3}{8}$ % .....                 | 4-1-52   | 250,273.44   |
| <b>Service Enterprises—Equipment Replacement Budget</b>           |   |          |              |
| 75,000.00   | United States of America Treasury Savings Notes, Series "A".....  | 9-15-54  | 75,000.00    |
| <b>Service Enterprises—Laundry Plant Fund</b>                     |   |          |              |
| 140,500.00  | United States of America Treasury Savings Notes, Series "A".....  | 9-15-54  | 140,500.00   |
| <b>Special State Plant Fund</b>                                   |   |          |              |
| 1,000,000.00  | United States of America Treasury Certificates of Indebtedness, 1 $\frac{3}{8}$ % .....                 | 4-1-52   | 1,001,093.75 |

**St. Paul Campus Union Construction Fund**

| Par Value. | Security   | Maturity | Cost      |
|------------|--|----------|-----------|
| 23,000.00  | United States of America Treasury Savings Notes, Series "A"..... | 9-15-54  | 23,000.00 |

**Trust Funds—Current**

|            |   |        |            |
|------------|---|--------|------------|
| 200,000.00 | United States of America Treasury Certificates of Indebtedness, 1 $\frac{3}{8}$ % ..... | 4-1-52 | 200,218.75 |
|------------|---|--------|------------|

**Union Plant Fund**

|           |  |         |           |
|-----------|--|---------|-----------|
| 26,700.00 | United States of America Treasury Savings Notes, Series "A"..... | 9-15-54 | 26,700.00 |
|-----------|--|---------|-----------|

**Purchase—Corporate Stock  
Group Investment Fund**

| No. of Shares | Security  | Class   | Cost      |
|---------------|---|---------|-----------|
| 100           | Aluminium, Limited, no par value  | Common  | 9,610.58  |
| 10            | Aluminum, Limited, no par value (Exercise of Rights; additional charge forthcoming for cost of exchange to Canadian funds)..... | Capital | 650.00    |
| 100           | American Cyanamid Co., \$10 par value .....   | Common  | 10,936.90 |
| 125           | Archer-Daniels-Midland Company, no par value .....  | Common  | 6,958.53  |
| 100           | Celanese Corporation of America, no par value .....   | Common  | 5,331.65  |
| 105           | Consumers Power Company, no par value (Exercise of Rights).....   | Common  | 3,360.36  |
| 200           | Continental Oil Company, \$5 par value .....  | Common  | 10,817.37 |
| 100           | Corning Glass Works, \$5 par value .....  | Common  | 7,483.80  |
| 100           | Dow Chemical Company, \$15 par value .....  | Common  | 11,137.10 |
| 200           | Food Machinery and Chemical, \$10 par value .....   | Common  | 9,313.11  |
| 175           | General Electric Company, no par value .....  | Common  | 10,539.28 |
| 114           | General Mills, Inc., no par value   | Common  | 6,997.79  |
| 170           | General Motors Corporation, \$5 par value .....   | Common  | 8,552.62  |
| 100           | Industrial Rayon, \$1 par value.....  | Common  | 6,557.88  |
| 110           | Inland Steel Company, no par value .....  | Capital | 5,854.49  |
| 100           | International Harvester Co., no par value .....   | Common  | 3,477.25  |
| 100           | Kennecott Copper Corporation, no par value .....  | Common  | 8,187.47  |
| 100           | Marathon Corporation, \$6.25 par value .....  | Common  | 4,768.24  |

| No. of Shares | Security   | Class   | Cost      |
|---------------|--|---------|-----------|
| 100           | McGraw Electric, \$1 par value.....  | Common  | 5,056.38  |
| 200           | Minneapolis-Honeywell Regula-<br>tor, \$1.50 par value .....                       | Common  | 10,662.60 |
| 100           | Minnesota Mining & Manufac-<br>turing Company, no par value.....                   | Common  | 4,455.78  |
| 100           | Montgomery Ward & Company,<br>no par value .....                                   | Common  | 6,945.76  |
| 200           | Ohio Oil Company, no par value   | Common  | 10,462.40 |
| 100           | Phillips Petroleum Company, no<br>par value .....                                  | Capital | 4,768.24  |
| 100           | Procter & Gamble Co., no par<br>value .....  | Common  | 7,133.46  |
| 120           | Public Service Company of Indi-<br>ana, no par value (Exercise of<br>Rights) ..... | Common  | 3,375.00  |
| 114           | Sears, Roebuck & Company, no<br>par value .....                                    | Common  | 6,213.00  |
| 100           | Skelly Oil Company, \$25 par<br>value .....  | Common  | 9,135.45  |
| 200           | Socony-Vacuum Oil Co. Inc., \$15<br>par value .....                                | Common  | 7,029.88  |
| 100           | Standard Oil Company of Indi-<br>ana, \$25 par value .....                         | Common  | 7,558.88  |
| 100           | Standard Oil of New Jersey, \$15<br>par value .....                                | Capital | 6,833.15  |
| 200           | Thompson Products, \$5 par<br>value .....  | Common  | 8,660.95  |

**Purchase—University Grove Mortgage  
Group Investment Fund**

| Amount    | Security  | Maturity |
|-----------|---|----------|
| 12,000.00 | Mortgage Deed and 1st Mtge.<br>Note, 4%, in the name of<br>Stephen H. Spurr and Pa-<br>tricia O. Spurr, for leasehold<br>Lot 5 in Block 4, University<br>Grove Addition, Rose Township,<br>Ramsey County, State of Minne-<br>sota ..... | 4-1-66   |

**Patronage Savings Distribution  
Land O'Lakes Patronage Fund**

| No. of Shares | Security  | Class     | Book<br>Value |
|---------------|---|-----------|---------------|
| 7             | Land O'Lakes Creameries, Inc.,<br>par value \$25 per share (Patron-<br>age distribution for the year<br>1950) ..... | Preferred | 175.00        |

**EXCHANGES**  
**Bond Exchange**  
**Campus Club Agency Fund**

| Par Value    | Security  | Maturity | Book Value  |
|--------------|---|----------|-------------|
| \$ 15,000.00 | Southern Pacific Company,<br>Tury Notes, 1¼% .....  | 10-1-51  | \$15,000.00 |
|              | In exchange for the above, we received the following:   |          |             |
| 15,000.00    | United States of America Treas-<br>ury Certificates of Indebtedness,<br>1⅞%, Series "D" ..... | 9-1-52   | 15,000.00   |

**DISPOSALS**  
**Maturities**  
**Mayo Foundation**

| Par Value   | Security  | Maturity | Book Value  | Amount Received |
|-------------|---|----------|-------------|-----------------|
| \$15,000.00 | Southern Pacific Company,<br>Equipment Trust Certificates,<br>Series "Q," 2¼% ..... | 10-1-51  | \$14,459.39 | \$15,000.00     |

**General University Current Fund**

|              |  |         |            |              |
|--------------|--|---------|------------|--------------|
| 1,000,000.00 | United States of America Treas-<br>ury Bills ..... | 9-27-51 | 996,748.89 | 1,000,000.00 |
|--------------|--|---------|------------|--------------|

**Staff Endowment Fund**

|          |   |        |          |          |
|----------|---|--------|----------|----------|
| 1,000.00 | Canadian National Railway,<br>4½% ..... | 9-1-51 | 1,000.00 | 1,000.00 |
|----------|---|--------|----------|----------|

**Bond Redemption**

**Mayo Memorial Building—Bookstore Fund**

| Par Value | Security   | Maturity | Book Value | Amount Received |
|-----------|--|----------|------------|-----------------|
| 83,000.00 | United States of America Treas-<br>ury Savings Notes, Series "D" ..... | 4-1-54   | 83,000.00  | 83,332.00       |

**Naval Science Building Fund**

|           |  |         |           |           |
|-----------|--|---------|-----------|-----------|
| 10,000.00 | United States of America Treas-<br>ury Savings Notes, Series "A" ..... | 5-15-54 | 10,000.00 | 10,000.00 |
|-----------|--|---------|-----------|-----------|

**Service Enterprises—Equipment Replacement Budget**

|           |  |        |           |           |
|-----------|--|--------|-----------|-----------|
| 50,000.00 | United States of America Treas-<br>ury Savings Notes, Series "D" ..... | 4-1-54 | 50,000.00 | 50,200.00 |
|-----------|--|--------|-----------|-----------|

**Service Enterprises—Laundry Plant Fund**

|            |  |        |            |            |
|------------|--|--------|------------|------------|
| 140,000.00 | United States of America Treas-<br>ury Savings Notes, Series "D" ..... | 4-1-54 | 140,000.00 | 140,560.00 |
|------------|--|--------|------------|------------|

**St. Paul Campus Union Construction Fund**

|           |  |        |           |           |
|-----------|--|--------|-----------|-----------|
| 23,000.00 | United States of America Treas-<br>ury Savings Notes, Series "D" ..... | 4-1-54 | 23,000.00 | 23,092.00 |
|-----------|--|--------|-----------|-----------|

### Staff Welfare Fund

| Par Value | Security  | Maturity | Book Value | Amount Received |
|-----------|---|----------|------------|-----------------|
| 8,375.00  | United States of America Savings Bonds, Series "F" (Re-deemed as of 9-1-51) | 1-1-61   | 6,197.50   | 6,314.75        |

### Mortgage Liquidation

#### Minnesota Hospital and Home—Endowment

August C. Krey and Laura L. Krey; Lot 5 of Block 4, University Grove Addition, Ramsey County, State of Minnesota (Received final payment 9-11-51)

#### Charles H. Smith Trust Fund

Ray Marciniak and Helen F. Marciniak, Lot 26 of Block 10, Camden Oaks Addition to Minneapolis (Received final payment 9-10-51)

The Business Vice President discussed with the Board the Union demand and the negotiations with the Motion Picture Machine Operators' Union relative to the Communications Technicians in the University's Audio-Visual Education Department, statement filed supplement to the minutes, page 6300.

Voted to approve the following applications for grants:

To the United States Navy, Office of Naval Research:

\$699,846.00 by Dr. Charles L. Critchfield, Physics, balloon project

\$9,532.50 by Miss Olga Lakela, Biology, Duluth Branch, for study of ferns and flowering plants in St. Louis County

\$3,300.00 by Dr. W. J. Luyten, Astronomy, continuation of study of motion of stars (contract N9onr-83600)

\$1,000.00 by Dr. R. W. Brink, Mathematics, research on the theory of games

To the United States Public Health Service:

\$43,285.00 by Drs. J. T. King and Maurice B. Visscher, Physiology, for studies on aging in relation to diet

\$15,000.00 by Dr. David State, Surgery, for research on identification of precursor groups of gastric cancer

\$12,000.00 by Dr. Theodore A. Olson, Public Health, for research on blue-green algae

\$11,500.00 by Dr. Theodore A. Olson, Public Health, for study of sanitary ecology of certain index organisms

\$9,000.00 by Dr. Robert Alan Good, Pediatrics, for experimental and clinical studies of C-reactive proteins

\$7,984.00 by Dr. E. E. Mason, Surgery, for study of inorganic iodide concentrating mechanisms

\$7,236.00 by Dr. Nathan Lifson, Physiology, for study of metabolisms of perfused mammalian skeletal muscle

\$6,306.20 by Drs. H. S. Bloch and A. J. Kremen, Surgery, for research on gastric urease

\$5,317.00 by Dr. Karl R. Johansson, Bacteriology, for research on aureomycin upon Vitamin-B synthesis

\$542.00 by Dr. Robert N. Hammerstrom, Surgery, for research on endocrinological aspects of experimental endocarditis and glomerulonephritis

\$97,561.00 to the United States Army, Arnold Engineering Development Center, by Mr. R. V. DeLeo, Aeronautical Engineering, Rosemount Research Center, for investigations of diffuser-scavenging scoop combinations

\$54,032.00 to the United States Air Materiel Command, by Mr. Frank D. Werner, Aeronautical Engineering, Rosemount Research Center, for development of an ice warning signal for jet aircraft

\$50,000.00 to the Minnesota Division, American Cancer Society, by Dr. K. W. Stenstrom, Radiation Therapy, for special equipment for research, teaching and treatment in the field of cancer

\$39,908.00 to the United States Air Materiel Command, by Mr. R. V. DeLeo, Aeronautical Engineering, Rosemount Research Center, for extension of high temperature ejector studies

\$24,170.00 to the United States Army, Chemical Corps, by Dr. George A. Young, Jr., Hormel Institute, for continuation of contract No. DA-18-064-CML-308

\$15,000.00 to the Damon Runyon Memorial Fund, by Dr. O. H. Wangenstein, Surgery, for research on reoperation on cancer patients

\$12,832.00 to the Life Insurance Medical Research Fund, by Dr. E. B. Brown, Physiology, for study of rapid changes in alveolar CO<sub>2</sub>, tension, and cardiac function

\$9,000.00 to the Louis W and Maud Hill Foundation by Dr. Lowry Nelson, Rural Sociology, for study of family relations

\$5,435.87 to the Minnesota Heart Association, by Dr. Craig Borden, Medicine, for research on commissurotomy in patients with mitral stenosis

\$2,949.02 to the United States Air Force, by Professor John D. Akerman, Aeronautical Engineering, for research on real unicursal curves

\$2,500.00 to the Weatherstrip Research Institute, by Professor C. E. Lund, Engineering Experiment Station, for continuation of cooperative research program

\$1,200.00 each, to Land O'Lakes Herd Improvement Association, Northwest Artificial Breeding Association, Minnesota Valley Breeding Association, and the Southern Minnesota Artificial Breeding Association, by Dr. W. L. Boyd, Veterinary Medicine, for research on bovine infertility

To Lilly Endowment, Inc., by the Division of Animal Husbandry, for research on swine breeding

**Voted to accept with thanks the following gifts:**

|         |  |
|---------|--|
| Donor   | United States Public Health Service  |
| Amount  | \$11,084   |
| Fund    | United States Public Health Service—Research on Fluorescein Dyes   |
| Donor   | United States Public Health Service  |
| Amount  | \$10,968   |
| Fund    | United States Public Health Service—Research on Dioxide Concentration  |
| Purpose | For research under the direction of Dr. Richard L. Varco, in accordance with correspondence filed supplement to the minutes, page 6301 |
| Donor   | United States Public Health Service  |
| Amount  | \$9,532  |
| Fund    | United States Public Health Service—Research on Vitamins and Amino Acids   |
| Donor   | United States Public Health Service  |
| Amount  | \$9,401  |
| Fund    | United States Public Health Service—Research on Cancer on the Steroidal Mechanism  |
| Donor   | United States Public Health Service  |
| Amount  | \$9,180  |
| Fund    | United States Public Health Service—Research on Influence of Heat and Cold on the Central Nervous System                               |
| Purpose | For research under the direction of Dr. Ernst Gellhorn, in accordance with correspondence filed supplement to the minutes, page 6302   |
| Donor   | United States Public Health Service  |
| Amount  | \$5,374  |
| Fund    | United States Public Health Service—Research on Endocrine Glands of the Fetus  |
| Donor   | United States Public Health Service  |
| Amount  | \$5,000  |
| Fund    | United States Public Health Service—Research on Gastric Mucosa   |
| Donor   | United States Public Health Service  |
| Amount  | \$4,870  |
| Fund    | United States Public Health Service—Investigation of Renal Function in Dairy Cattle  |
| Purpose | For research under the direction of Dr. A. F. Sellers, in accordance with correspondence filed supplement to the minutes, page 6303    |

|                    |   |
|--------------------|---|
| Donor              | United States Public Health Service   |
| Amount             | \$4,320   |
| Fund               | United States Public Health Service—Research on Experimental Diabetes Mellitus  |
| Donor              | United States Public Health Service   |
| Amount             | \$3,953   |
| Fund               | United States Public Health Service—Studies on Nitrification of Soils   |
| Purpose            | For research under the direction of Dr. E. L. Schmidt, Bacteriology and Immunology, in accordance with correspondence filed supplement to the minutes, page 6304  |
| Donor              | United States Public Health Service   |
| Amount             | \$3,097   |
| Fund               | United States Public Health Service—Research on Bacteria in Unsaturated Fatty Acids   |
| Donor              | Ancker Hospital   |
| Amount             | \$9,360   |
| Fund               | Ancker Hospital Graduate Medical Education Fund   |
| Donor              | Minnesota Public Health Association, through the Greater University Fund  |
| Amount             | \$7,500 annually  |
| Fund               | H. Longstreet Taylor Tuberculosis Research Fund   |
| Purpose            | For research investigations in tuberculosis under the direction of Dr. J. A. Myers, in accordance with correspondence filed supplement to the minutes, page 6305  |
| Donor              | Lederle Laboratories Division of the American Cyanamid Company  |
| Amount             | \$4,500   |
| Fund               | Lederle Laboratories Research in Animal Diseases  |
| Purpose            | For continuation of research in accordance with memorandum of agreement filed supplement to the minutes, page 6306  |
| Donors and Amounts | Through the Greater University Fund<br>\$2,000 Northrup King & Company<br>750 Land O'Lakes Creameries, Inc.<br>500 Twin City Seed Company<br>250 Peterson-Biddick Company<br>250 F. H. Peavey & Company<br>200 Cargill, Incorporated<br>100 Barzen Company<br>25 Seldon-Watts Seed Fund |
| Fund               | Grassland Research Fund   |
| Purpose            | For a fund for various researches in land use and pasture management in accordance with correspondence filed supplement to the minutes, page 6307   |

|         |  |
|---------|--|
| Donor   | National Live Stock and Meat Board   |
| Amount  | \$4,000  |
| Fund    | National Live Stock and Meat Board—Research on the Biochemistry of Fatty Acids   |
| Purpose | For research under the direction of Dr. Ralph T. Holman, Hormel Institute, in accordance with correspondence filed supplement to the minutes, page 6308  |
| Donor   | Fund for the Advancement of Education  |
| Amount  | \$3,000  |
| Fund    | Ford Fund for the Advancement of Education—Graduate Fellowships  |
| Purpose | For support of pre-doctoral fellowships of \$1,500 each for Mr. David Kalman and Mr. Myron Kennedy in Psychology and History, respectively, in accordance with correspondence filed supplement to the minutes, page 6309 |
| Donor   | Professor Emeritus Henry A. Erikson, through the Greater University Fund   |
| Amount  | 180 shares in Bank Shares, Incorporated (\$2,880 as of 10/17/51)   |
| Fund    | Henry Anton and Winifred Boynton Erikson Lecture-ship in Physics   |
| Purpose | To establish a lectureship in Physics, in accordance with correspondence filed supplement to the minutes, page 6310  |
| Donor   | General Mills, Inc.  |
| Amount  | \$2,000  |
| Fund    | General Mills, Inc., Graduate Fellowship in Organic Chemistry  |
| Purpose | For support of a graduate fellowship in the field of Organic Chemistry, in accordance with correspondence filed supplement to the minutes, page 6311   |
| Donor   | Monsanto Chemical Company  |
| Amount  | \$2,000  |
| Fund    | Monsanto Chemical Company Graduate Fellowship in Organic Chemistry   |
| Donor   | Research Corporation   |
| Amount  | \$1,896.09   |
| Fund    | Research Corporation—Research on the Displacement Separation of Lipids   |
| Purpose | To transfer balance of fund awarded to Dr. R. T. Holman, Hormel Institute, at the University of Texas, in accordance with correspondence filed supplement to the minutes, page 6312                                      |
| Donor   | Charles T. Miller Hospital   |
| Amount  | \$1,720  |
| Fund    | Charles T. Miller Hospital Fellowship in Obstetrics and Gynecology   |

|         |   |
|---------|---|
| Donor   | Student Organization Account, University of Minnesota<br>Duluth Branch  |
| Amount  | \$1,235.81  |
| Fund    | General Music Fund—Duluth Branch  |
| Purpose | To apply on the purchase of a Baldwin Grand Piano,<br>in accordance with correspondence filed supplement to<br>the minutes, page 6313   |
| Donor   | British Embassy, Washington, D.C.   |
| Amount  | \$650   |
| Fund    | All-University Scholarship Fund   |
| Donor   | Flox Company, Inc., through the Greater University<br>Fund  |
| Amount  | \$500   |
| Fund    | Charles A. Mann Research Fund in Chemical Engi-<br>neering  |
| Purpose | For research in Chemical Engineering under a fund<br>given in memory of Dr. Charles A. Mann, in accordance<br>with correspondence filed supplement to the minutes,<br>page 6314 |
| Donor   | 25 donors   |
| Amount  | \$425.50  |
| Fund    | Heart Hospital Equipment Fund   |
| Donors  | \$200 Student body of St. Olaf College  |
| and     | 53.25 St. John's Lutheran Church, Pennock   |
| Amounts | 115.50 Eleven donors  |
| Fund    | Cancer Detection Clinic   |
| Donors  | \$275 Chicago, Milwaukee, St. Paul and Pacific Railroad<br>and Company  |
| and     | 70 Columbia Broadcasting System, Inc.   |
| Amounts | 7 George A. Hormel & Company  |
| Fund    | 4-H Club Fund   |
| Donor   | Watumull Foundation   |
| Amount  | \$300   |
| Fund    | Watumull Foundation Fellowship  |
| Donor   | Norwegian Luncheon Club   |
| Amount  | \$205   |
| Fund    | Norwegian-American Graduate Fellowship Fund   |
| Donor   | Students of St. Olaf College  |
| Amount  | \$200   |
| Fund    | Minnesota Heart Association Cardiovascular Research   |
| Donors  | Through the Greater University Fund   |
| and     | \$50 National Secretaries Association, St. Paul Chapter   |
| Amounts | 50 National Secretaries Association, Minn-Arrow Chap-<br>ter  |
| Fund    | 50 National Secretaries Association, Gopher Chapter<br>National Secretaries Association Scholarship Fund  |

Donor Industrial Commission of Minnesota  
Amount \$10  
Fund Heart Disease Research Fund

Donor Anonymous  
Amount \$7.50  
Fund J. C. Litzenberg Memorial Room Fund

Voted to accept with thanks gift of an embryotome from Dr. Nils Lagerlof, Royal Veterinary College, Sweden, to the University of Minnesota Veterinary Clinic.

Voted to accept with thanks gift of an equine operating table from Dr. W. A. Elver, Long Prairie, Minnesota to the University of Minnesota Veterinary Clinic.

Voted to approve the report of the Business Vice President to the Chairman of the Executive and Finance Committee, filed supplement to the minutes, page 6315.

Voted to approve transfers of funds No. 1 to No. 500.

Voted to approve journal vouchers No. 20001 to No. 22000.

Voted to approve requisitions No. 69974 to No. 71934, \$275,754.31.

Voted to adjourn.

W. T. MIDDLEBROOK, Secretary

UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS  
EXECUTIVE COMMITTEE

MINUTES

November 24, 1951

A meeting of the Executive Committee of the Board of Regents was held in the Regents' Room on Saturday, November 24, 1951 at nine-thirty o'clock.

Present: Regent Lawson, presiding; Regents Jones, Malkerson, Mayo, Novak, and Olson; and Mr. Morrill.

Voted to approve the following retirement:

Elizabeth Pehousek Librarian Library to retire on State Employees Retirement Fund effective November 1, 1951

Voted to approve the following terminations of employment:

Alfred W Adson Professor of Surgery Mayo Foundation without salary effective November 12, 1951 (deceased)

Roger W Howell Associate Professor Psychiatry and Neurology effective December 31, 1951

Bo Gunnar Malmstrom Research Fellow Physiological Chemistry Research Funds effective November 30, 1951

Lucille S Tellett Instructor School of Nursing effective November 15, 1951

Joseph A Keplinger Research Assistant Plant Pathology and Botany Experiment Station Funds effective October 23, 1951

Melvin P Stulberg Research Assistant Agricultural Biochemistry Research Funds effective October 31, 1951

Wallace R Holter Medical Intern University of Minnesota Hospitals effective at time of appointment November 1, 1951

Lois E Dahl Clerk-Typist Comptroller effective November 15, 1951

Ardith J Brousseau Clerk Comptroller effective October 10, 1951

Patricia Ann Mathison Clerk-Typist Comptroller effective September 28, 1951

Donna Lindahl Clerk Dean of Students Student Counseling Bureau effective November 2, 1951

Norma W Berkely Clerk Admissions and Records effective November 5, 1951

Helen C Karasawa Principal Clerk Office of Civil Service Personnel effective November 28, 1951

Shirley Arnold Senior Clerk-Typist Office of Civil Service Personnel effective November 21, 1951  
Marilyn Larson Clerk-Typist Library effective November 15, 1951  
Vera O Spornick Clerk-Typist Library effective November 26, 1951  
Esther A Larsen Secretary Bureau of Institutional Research effective November 30, 1951  
Gloria Ann Haik Clerk-Typist Greater University Fund effective November 9, 1951  
Doris L Kenneth Secretary Engineering Experiment Station effective November 7, 1951  
Sara F Tilleman Senior Secretary Chemistry effective December 3, 1951  
Norma W Lee Junior Librarian Library Department of Agriculture effective December 10, 1951  
Alonzo Spoerner Farm Laborer Fruit Breeding Farm effective August 1, 1951  
Elizabeth Wukmir Clerk-Typist Medicine effective November 9, 1951  
Mary L Gouze Junior Scientist Graduate School Dental Research Funds effective November 1, 1951  
Joyce M Olson Clerk-Typist Administration Duluth Branch effective November 9, 1951  
Mavis A Westgard Senior Clerk-Typist Administration Duluth Branch effective November 14, 1951  
Harriet L Bergstrom Senior Clerk-Typist Administration Duluth Branch effective November 14, 1951  
Jeanne D Groves Secretary Military Science Department effective October 25, 1951  
Betty V Skelly Clerk Physical Plant effective November 2, 1951  
Forest Smith Locomotive Crane Operator Assistant Physical Plant effective October 22, 1951  
Margaret Peterson Custodial Worker Students Health Service effective November 6, 1951  
Melva M Berndt Printing Assistant Mimeograph and Bulletin effective November 15, 1951  
Arliss E Hagen Secretary Audio-Visual Education Service effective November 7, 1951  
Cecelia J Vogelsang Laboratory Technician Physiology Research Funds effective November 9, 1951  
Ruth Mahoney Food Service Worker University of Minnesota Hospitals effective November 2, 1951  
Augusta Pennie Hospital Aide University of Minnesota Hospitals effective November 21, 1951  
Ann Taylor Head Hospital Nurse University of Minnesota Hospitals effective June 30, 1951  
Elaine Wallin General Staff Nurse Variety Club Heart Hospital effective December 3, 1951  
James E Bye recipient of a Chi Psi Fraternity Scholarship effective at time of appointment October 1, 1951

Voted to approve the following appointments:

Phinney O Larson as Assistant Professor School of Forestry for the spring quarter of 1951-52 at \$1,104 Term CHT80 (\$4,140 B rate)

Richard W Anderson as Lecturer School of Social Work Research Funds for the spring quarter of 1951-52 at \$500 Term CHT23 (\$6,450 B rate)

Alan Shirey continuation of appointment as Instructor General Studies for the winter and spring quarters of 1951-52 at \$1,110 Term CH50 (\$3,330 B rate)

Frank S Babb as Clinical Instructor Surgery without salary October 1, 1951 to June 30, 1952

Floyd W Denny, Jr as Instructor Pediatrics September 16, 1951 to June 30, 1952 at the rate of \$4,800 Term A

Norman E Taylor as Instructor School of Business Administration for the winter and spring quarters of 1951-52 at \$1,110 Term CH50 (\$3,330 B rate)

Lillian P Werner as Instructor School of Business Administration for the spring quarter of 1951-52 at \$418 Term CH33 (\$3,760 B rate)

Prakash K Kapur as Research Fellow Analytical Chemistry Research Funds October 1, 1951 to June 30, 1952 at the rate of \$4,000 Term AHT90

Huan-Pao Kuang as Research Assistant Bureau of Institutional Research October 16 to December 15, 1951 at \$135 Term CH25

Harlan C Lampe as Research Assistant Agricultural Economics Experiment Station Funds November 1, 1951 to June 30, 1952 at \$720 Term CHT33

Roland C Blake as Research Assistant Horticulture Experiment Station Funds December 1, 1951 to June 30, 1952 at the rate of \$1,458 Term AHT45

Kenneth E Winsness as Research Assistant School of Forestry Experiment Station Funds October 16, 1951 to June 30, 1952 at the rate of \$1,620 Term AHT50

Kenneth R Woods as Research Assistant Physiological Chemistry Research Funds October 16, 1951 to June 30, 1952 at \$1,148 Term CHT50

George W England as Research Assistant Industrial Relations Center October 8, 1951 to June 15, 1952 at the rate of \$1,215 Term BH50

Arthur C Peterson as Research Assistant Hormel Institute October 1, 1951 to June 30, 1952 at the rate of \$1,620 Term AHT50

Irving M Drucker as Teaching Assistant Chemical Engineering for 1951-52 at \$1,215 Term BH50

Richard J Adamic as Teaching Assistant Dairy Husbandry October 16, 1951 to June 30, 1952 at the rate of \$1,620 Term AH50

Ruth H Mattila as Teaching Assistant General Education for 1951-52 at \$608 Term BH25

William A Wiest, Jr as Teaching Assistant General Education for 1951-52 at \$608 Term BH25

Ralph D McAlister as Teaching Assistant Physical Education and Athletics for Men for 1951-52 at \$608 Term BH25

Daniel P Norton, Jr as Teaching Assistant General College for 1951-52 at \$1,215 Term BHT50

Raul I Lessa as Medical Fellow Otolaryngology and Rhinology Mayo Foundation for three years beginning October 1, 1951 at the rate of \$1,110 Term A

Samuel S Morrison as Medical Fellow Pediatrics Mayo Foundation for three years beginning October 16, 1951 at the rate of \$1,110 Term A

Sally N Cameron as Clerk Comptroller October 29, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Jean E Langseth as Clerk-Typist Comptroller October 22, 1951 to June 30, 1952 at the rate of \$1,980 Term AT

Delores Olson as Key Punch Operator Comptroller October 22, 1951 to June 30, 1952 at the rate of \$2,208 Term A

Helen Omernik as Clerk-Typist Comptroller October 29, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Betty P Haggstrom as Clerk-Typist Comptroller October 22, 1951 to June 30, 1952 at the rate of \$1,980 Term AT

William E Cahill as Tabulating Equipment Operator Admissions and Records November 1, 1951 to June 30, 1952 at the rate of \$2,448 Term AT

Joanne H Service as Clerk-Typist Library November 13, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Robert H Lane as Storehouse Stock Clerk Physics October 22, 1951 to June 30, 1952 at the rate of \$2,628 Term AT

Robyn F Gilman as Principal Clerk Administration Institute of Technology October 23, 1951 to June 30, 1952 at the rate of \$3,048 Term A

Ann J Beckwith as Secretary Engineering Experiment Station October 29, 1951 to June 30, 1952 at the rate of \$2,460 Term A

Jean B Sargent as Clerk-Typist Veterinary Medicine November 1, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Audrey A Murphy as Clerk-Typist School of Veterinary Medicine November 1, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Dawn H Willson as Laboratory Technologist School of Veterinary Medicine October 30, 1951 to June 30, 1952 at the rate of \$3,168 Term A

Frances J McCandless continuation of appointment as Laboratory Technician School of Dentistry December 1, 1951 to June 30, 1952 at \$1,358 Term CT (\$2,328 A rate)

Virginia L Worthing as Clerk-Typist Administration Duluth Branch October 29, 1951 to June 30, 1952 at the rate of \$1,980 Term AT

Mary C Samuelson as Secretary Military Science and Tactics Department October 29, 1951 to June 30, 1952 at the rate of \$2,388 Term A

Ruth A Cardinal as Junior Scientist Medicine Research Funds November 1, 1951 to June 30, 1952 at \$2,272 Term CT (\$3,408 A rate)

Junita J Mortensen as Laboratory Technologist Graduate School Medical Research Grant September 16, 1951 to June 30, 1952 at the rate of \$3,168 Term AT

Matt Charles as Senior Custodial Worker Physical Plant October 31, 1951 to June 30, 1952 at the rate of \$2,328 Term A

Gervaise O Amundson as Clerk-Typist Students Health Service October 2, 1951 to June 30, 1952 at the rate of \$1,980 Term A

Anna R Gulla as Custodial Worker Students Health Service November 8, 1951 to June 30, 1952 at the rate of \$2,160 Term A

Carol M Findreng as Senior Clerk-Typist Nicholson Hall Bookstore October 29, 1951 to June 30, 1952 at the rate of \$2,388 Term A

Omar A Mo as Senior Account Clerk Cold Storage October 9, 1951 to June 30, 1952 at the rate of \$2,928 Term A

Irwin M Fine as Photography Assistant Photographic Laboratory October 15, 1951 to June 30, 1952 at the rate of \$2,268 Term AT

Lois E Stone as Secretary Audio-Visual Education Service November 7, 1951 to June 30, 1952 at the rate of \$2,388 Term AT

Audrey A Engels as Laboratory Technologist Zoology Research Funds November 1, 1951 to June 30, 1952 at \$2,112 Term CT (\$3,168 A rate)

Janie F Figen continuation of appointment as Laboratory Technologist Pediatrics Research Funds January 1 to June 30, 1952 at \$1,584 Term CT

Mary V Mahaffy continuation of appointment as Secretary Pediatrics Research Funds January 1 to June 30, 1952 at \$1,194 Term CT

Marion M Gaffey as Laboratory Technologist Medical Technology Research Funds October 29, 1951 to June 30, 1952 at the rate of \$3,168 Term AT

John D Nadenicek as Junior Scientist Hormel Institute October 22, 1951 to June 30, 1952 at the rate of \$3,408 Term AT

Carolyn Johnson as Laboratory Technologist University of Minnesota Hospitals December 1, 1951 to June 30, 1952 at the rate of \$3,168 Term A

Marlene J Johnson as Junior Scientist University of Minnesota Hospitals October 29, 1951 to June 30, 1952 at the rate of \$3,408 Term A

Eleanor Larson as Secretary University of Minnesota Hospitals December 1, 1951 to June 30, 1952 at the rate of \$2,388 Term A

Lawrence R Arseth and Byron W Brown, Jr as recipients of Social Service Council Scholarships of \$100 each November 1, 1951 to June 30, 1952 College of Science Literature and the Arts

The following as recipients of Henry L Williams Memorial Scholarships of \$347.55 each for 1951-52

|                   |  |
|-------------------|--|
| Richard A Gregory | College of Education                       |
| Melvin R Holme    | College of Science Literature and the Arts |

|                    |  |
|--------------------|--|
| Edward L Kalafat   | College of Education                       |
| Melvin Klemann     | College of Education                       |
| Richard H May      | College of Education                       |
| Glen A Reed        | College of Education                       |
| Laurence D Schmitt | College of Science Literature and the Arts |
| Ronald D Wallin    | General College                            |

Douglas T Berg as recipient of a Chi Psi Fraternity Scholarship of \$200 for 1951-52 College of Science Literature and the Arts

Elna U Nielsen as recipient of a University of Minnesota Women's Club of Detroit Scholarship of \$100 for 1951-52 College of Education

Elwyn K Boe as recipient of a Tozer Foundation Incorporated Graduate Scholarship of \$200 for 1951-52 Graduate School

James W Davis as recipient of a Greater University Graduate Scholarship of \$300 for the fall quarter of 1951-52 Graduate School

Marilyn O Ledin as recipient of a Faith Thompson Scholarship of \$200 for 1951-52 College of Education

Voted to approve the following special appointments:

Joan E Dammann as General Staff Nurse University of Minnesota Hospitals beginning October 22, 1951 at \$244 per month (aunt Myrtle Dammann Housekeeper University of Minnesota Hospitals, Term A)

Harold A Klinger as Farm Laborer Southeast Experiment Station beginning October 18, 1951 at \$1.06 per hour (brother-in-law Johnnie Larson Teamster Southeast Experiment Station Term A)

Selma E Lubbers continuation of appointment as Food Service Worker West Central School and Experiment Station at \$185 per month (married John V Lubbers Assistant Herdsman West Central School and Experiment Station Term A September 25, 1951)

Ruby B Nylund as Clerk-Stenographer General Extension Division beginning October 1, 1951 at \$165 per month (sister Nancy A Nylund Secretary Administration Duluth Branch Term AT)

Fred C Ripka as Farm Laborer Southeast Experiment Station beginning October 2, 1951 at \$1.06 per hour (brother-in-law John Capp Farm Laborer Southeast Experiment Station hourly rate and father-in-law Frank Hasner Farm Laborer Southeast Experiment Station Term A)

Charlotte F Wright continuation of appointment as Clerk Library at \$1,980 Term A (married Robert M Wright student Clerk Library hourly basis August 25, 1951)

Myrl L Zwetzig as General Staff Nurse Students Health Service beginning October 4, 1951 at \$1.41 per hour (father Thomas W Larimore Instructor School of Agriculture Term D)

Voted to approve the following promotions and transfers:

Harold S Quigley from Professor and Chairman Political Science at \$9,850 Term B to Professor without change in salary rate or term beginning January 1, 1952

Lloyd M Short from Professor and Director of Public Administration Training Center Political Science at \$9,850 Term B to Professor and Director of Public Administration Training Center and Chairman Political Science without change in salary rate or term beginning January 1, 1952

Werner Simon from Clinical Assistant Professor Psychiatry and Neurology without salary to Clinical Associate Professor beginning July 1, 1951

Raphael B Levine from Research Fellow Physics and Zoology at \$2,000 Term BH50 to Research Associate at \$4,140 Term BT for 1951-52

Walter F Leverton Research Associate Electrical Engineering Research Funds at \$4,500 Term BT to serve as Lecturer for 25% of time without change in salary rate for the fall quarter of 1951-52

Nicholas G Weyrens from Grant County Agricultural Agent Instructor Agricultural Extension Service at \$4,700 (\$3,520 University \$1,180 County) Term AH75 to West Otter Tail County Agricultural Agent Instructor at the rate of \$5,200 (\$3,520 University \$1,680 County) Term AH68 December 1, 1951 to June 30, 1952

Ellicott McConnell from Research Assistant Entomology and Economic Zoology Experiment Station Funds at \$1,620 Term AHT50 to Entomology and Economic Zoology Research Funds without change in salary rate or term November 16, 1951 to June 30, 1952

Paul Adams Medical Fellow Pediatrics at \$1,872 Term A to serve as Medical Fellow Minneapolis General Hospital without change in salary rate or term October 1, 1951 to March 31, 1952

Betty M Ferraro from Clerk-Typist Comptroller at \$1,980 Term A to Senior Clerk-Typist at the rate of \$2,388 Term AT November 1, 1951 to June 30, 1952

Mary L Shaw from Key Punch Operator Comptroller at \$2,280 Term A to Senior Key Punch Operator at the rate of \$2,388 Term A November 1, 1951 to June 30, 1952

Jean McDuffie from Clerk Dean of Students Student Counseling Bureau at \$1,980 Term A to Clerk-Typist without change in salary rate or term November 5, 1951 to June 30, 1952

Harold A Ludke from Tabulating Equipment Operator Admissions and Records at \$2,520 Term AT to Senior Tabulating Equipment Operator at the rate of \$3,048 Term A November 16, 1951 to June 30, 1952

James Duffy from Senior Account Clerk Cold Storage at \$3,024 Term A to Senior Account Clerk Service Enterprises without change in salary rate Term AT October 15, 1951 to June 30, 1952

Mary A Wolfe from Junior Librarian Library at \$3,576 Term A to Librarian at the rate of \$3,624 Term A October 1, 1951 to June 30, 1952

Garrett J Brink from Laborer Dairy Husbandry at \$2,388 Term AX to Assistant Herdsman at the rate of \$2,568 Term A November 1, 1951 to June 30, 1952

May V Collin from Junior Scientist Physiology at \$3,888 Term A to Assistant Scientist Medicine at the rate of \$2,220 Term AH50 September 1, 1951 to June 30, 1952

Lois H Hansen Secretary Administration Duluth Branch at \$2,532 from Term AT to A September 16, 1951 to June 30, 1952

Helmi Wiita from Laboratory Technician Physiology Research Funds at \$400 Term CT to Laboratory Technician Surgery Research Funds without change in salary rate or term July 1 to August 31, 1951

Agnes Opstad from Laboratory Technologist Veterinary Medicine at \$3,360 Term A to Laboratory Technologist Pediatrics Research Funds at the rate of \$3,360 Term AT November 1, 1951 to June 30, 1952

Shirley Eylar from Clerk-Typist Mimeograph and Bulletins at \$1,980 Term A to Clerk-Typist Physical Plant without change in salary rate or term October 31, 1951 to June 30, 1952

Wilbur J DuBois from Principal Clerk Nicholson Bookstore at \$3,144 Term A to Principle Clerk Physical Plant without change in salary rate or term October 16, 1951 to June 30, 1952

Oscar Stenholm from Senior Custodial Worker University of Minnesota Hospitals at \$2,688 Term A to Building Caretaker Physical Plant at the rate of \$2,748 Term A November 1, 1951 to June 30, 1952

Melvin Weisman from Storehouse Stock Clerk Physics at \$2,700 Term AT to Principle Clerk Nicholson Hall Bookstore at the rate of \$3,048 Term A October 29, 1951 to June 30, 1952

Isabelle A Long from Laboratory Technician Dight Institute at \$2,616 Term AT to Laboratory Technologist at the rate of \$3,168 Term AT October 16, 1951 to June 30, 1952

Floyd L Hamrick from Senior Laboratory Animal Attendant Physiology Research Funds at \$408 Term CT July 1 to August 31, 1951 to Senior Laboratory Animal Attendant Surgery Research Funds without change in salary or term July 1 to August 31, 1951

William Doyle from Hospital Janitor University of Minnesota Hospitals at \$2,460 Term A to Hospital Janitor Variety Club Heart Hospital without change in salary rate or term November 1, 1951 to June 30, 1952

Helene Halsrud from General Staff Nurse University of Minnesota Hospitals at \$3,216 Term A to Assistant Head Hospital Nurse at the rate of \$3,300 Term A November 1, 1951 to June 30, 1952

Cora Lucas from Food Service Worker University of Minnesota Hospitals at \$2,280 Term A to Food Service Worker Variety Club Heart Hospital without change in salary rate or term November 1, 1951 to June 30, 1952

Andrew McGilp from Senior General Mechanic University of Minnesota Hospitals at \$3,888 Term A to General Mechanic Foreman at the rate of \$4,080 Term A October 1, 1951 to June 30, 1952

Bernice Warner from Food Service Worker Variety Club Heart Hospital at \$1,980 Term A to Food Service Worker University of Minnesota Hospitals without change in salary rate or term November 1, 1951 to June 30, 1952

**Voted to approve the following salary adjustments :**

Jean P Darriau Teaching Assistant Art from \$608 Term BH25 to \$911 Term BH38 for 1951-52

Ching-hsi Tsao Research Assistant Entomology and Economic Zoology Research Funds from \$1,620 Term AHT50 to \$473 Term CHT50 November 16, 1951 to February 29, 1952

Harvey Bjerke Assistant Agricultural Extension Specialist Farm Management Agricultural Extension Service from \$4,000 Term A to the rate of \$4,400 Term A January 1 to June 30, 1952

Archie L Johnson Herdsman North Central School and Experiment Station from \$3,168 (\$1,824 University \$1,344 United States Department of Agriculture) Term AH58 to the rate of \$3,168 (\$1,584 University \$1,584 United States Department of Agriculture) Term AH50 October 1, 1951 to June 30, 1952

Amelia J Wojak Laboratory Technologist Surgery Research Funds from \$1,568 Term CT October 1, 1951 to April 30, 1952 to \$1,848 Term CT October 1, 1951 to April 30, 1952

**Voted to approve the following leaves of absence :**

Asher N Christensen Professor Political Science leave with salary February 4 to March 7, 1952 for appointment to the Salzburg Seminar in American Studies at Salzburg, Austria

Carl L Nordly Professor Physical Education and Athletics for Men sabbatical furlough for the spring quarter of 1951-52 to attend Meeting of American Academy of Physical Education and Convention of American Association for Health Physical Education and Recreation at Los Angeles and to visit schools and college enroute to and from California and in Minnesota

Charlotte Kirchner Assistant Professor Extension Specialist Home Furnishing Agricultural Extension Service leave with salary October 23 to November 30, 1951 on account of illness

Norris C Ellertson Research Fellow Navy Research leave without salary November 1-30, 1951 for personal reasons

Floyd H Bellin, Jr Goodhue County Club Agent Agricultural Extension Service leave without salary October 2, 1951 to June 30, 1952 for military service

Robert A Bradley Medical Fellow Obstetrics and Gynecology continuation of leave without salary July 1, 1951 to June 30, 1952 for military service

Harris R Anderson Medical Fellow Mayo Foundation leave without salary October 16, 1951 to June 30, 1952 for military service

Mary N Lavery Principal Account Clerk Comptroller leave without salary October 31 to November 8, 1951 for marriage

Marlene Fonesbeck Clerk-Typist Admissions and Records leave without salary June 21-29, 1951 for extended vacation

Velma G Williams Clerk-Stenographer Philosophy 12% time leave without salary January 1 to March 15, 1952 and April 1 to June 15, 1952 for study at the University of Minnesota

Kenneth O Bragg Carpenter West Central School and Experiment Station 100% time leave without salary October 1-21, 1951 and 50% time leave without salary October 22-31, 1951 on account of illness

John V Lubbers Assistant Herdsman West Central School and Experiment Station 74% time leave of absence without salary for 1951-52 with salary paid by the United States Department of Agriculture Bureau of Dairy Industry

Bette Nesheim Elevator Operator Physical Plant leave without salary November 1, to December 31, 1951 for extended vacation

James W McCarron Assistant to Production Manager of Educational Films Audio-Visual Education Service continuation of leave without salary November 1 to December 31, 1951 for foreign service in connection with the University's contract with Syracuse University

Hazel J Foss Telephone Operator University of Minnesota Hospitals leave without salary October 24 to November 2, 1951 for personal reasons

Ruth Mahoney Food Service Worker University of Minnesota Hospitals leave without salary October 19-31, 1951 on account of illness

Marion Swearingen General Staff Nurse University of Minnesota Hospitals leave without salary October 24 to November 30, 1951 on account of illness

Helen Watters Head Hospital Nurse University of Minnesota Hospitals leave without salary October 11, 1951 to June 30, 1952 to attend school

Albert J Kasa Senior Custodial Worker Rosemount Research Center leave without salary October 4-12, 1951 on account of illness

President Morrill discussed with the Regents status of accreditation by the American Veterinary Medical Association of the University School of Veterinary Medicine.

The Business Vice President reported for information and the record the destruction by fire of a steel corn crib and approximately 3,000 bushels of corn at the Southeast Experiment Station at Waseca, on November 9, 1951.

The Board indicated its willingness to approve a 1951 Summer Session budget based upon a term tuition fee of \$42 and a maximum staff salary compensation of \$900.

Business Vice President Middlebrook, Senior Personnel Representative Pieper, Supervising Engineer Lund, and Assistant Supervising Engineers Blomquist, Wood, and Wilson discussed with the Board the survey of Physical Plant organization and procedures undertaken between June, 1949 and October, 1951, together with installation progress on the recommendations resulting from the survey.

Voted to grant permission to Professor Leonid Hurwicz, School of Business Administration, to serve as a consultant with the Cowles Commission of the University of Chicago, a scientific organization carrying on studies primarily in the field of econometrics and with the Rand Corporation of California, a research organization engaging primarily in national defense contracts.

Voted to approve an increase from \$.60 to \$.70 in the lesson service fee paid to persons who correct and handle correspondence lessons in the General Extension Division, and the following increases in payments made staff members for the preparation and writing of Extension correspondence courses effective December 1, 1951:

| PRESENT RATES   | REQUESTED RATES                   |
|---|-----------------------------------|
| <i>16 lesson, 3 credit course</i>   | <i>16 lesson, 3 credit course</i> |
| 1. Adaptation: Up to \$37.50.   | 1. Adaptation: Up to \$40.00.     |
| 2. Revision: Up to \$50.00.   | 2. Revision: Up to \$55.00.       |
| 3. Rewriting: Up to \$75.00.  | 3. Rewriting: Up to \$90.00.      |
| 4. New Course: \$75.00 (Except that special rates may be negotiated in a few cases of exceptional difficulty.)  | 4. New Course: \$90.00.           |
| <i>27 lesson, 5 credit course</i>   | <i>27 lesson, 5 credit course</i> |
| 1. Adaptation: Up to \$ 62.50.  | 1. Adaptation: Up to \$ 70.00.    |
| 2. Revision: Up to \$ 87.50.  | 2. Revision: Up to \$ 95.00.      |
| 3. Rewriting: Up to \$125.00.   | 3. Rewriting: Up to \$150.00.     |
| 4. New Course: \$125.00 (Except that special rates may be negotiated in a few cases of exceptional difficulty.) | 4. New Course: \$150.00.          |

Voted to approve the following resolution:

#### RESOLUTION

WHEREAS, The Legislature in 1949 passed a law, Minnesota Statutes 1949, Section 35.71, requiring that legally impounded and unclaimed animals be made available to scientific institutions for medical and veterinary research; and

WHEREAS, The University of Minnesota has received from the State Livestock Sanitary Board a license for 1950 and 1951 to obtain such animals for medical and veterinary research from establishments maintained by and for municipalities for impounding, care and disposal of animals; and

WHEREAS, During the past many years live dogs have been used to promote the following research projects of benefit to human beings:

Alcoholism, use of anesthetics, treatment of allergies and asthma, treatment of plutonium poisoning and irradiation treatment from atom bomb, nature and treatment of high blood pressure, development of blood bank, use of plasma for shock, use of anti-blood clot chemicals, bronchoscope and esophoscope, partial alleviation of deafness, development of medicine for diabetes and epilepsy, treatment of goiters, removal of scar tissues in the heart, reduction of pain in angina pectoris, development of blue baby heart operations, discovery of milk sickness caused by plant "snake root," development of many vitamins, treatment of pernicious anemia, rabies, ulcers, poliomyelitis, perfection of bone grafts, surgery techniques, reduction of post-operative infections, treatment of brain injuries caused by sickness, injury at birth, development of hernia operations and others; and

WHEREAS, Live dogs have been used to promote the following research projects of benefit to dogs:

Distemper, black tongue, hookworm, whipworm, rabies, jaundice, use of foods, anesthetics, mange, hard pad disease; and

WHEREAS, Under such license issued according to the above law the University has requested dogs from the City of Minneapolis by requisition No. 100 issued on July 13, 1950, and No. 255 issued on June 15, 1951, but that while dogs were available the University was not given permission to pick up the animals; and

WHEREAS, The City of Minneapolis and its agencies have continued to destroy these dogs in lieu of making them available to the University of Minnesota and the other institutions, contrary to the requirements of the statute;

*Now, Therefore, Be It Resolved,* That the City of Minneapolis be requested to cooperate and make available to the University of Minnesota as one of the approved institutions under this law, such number of unredeemed, impounded animals seized by it as the University may require for medical and veterinary research in the cause, prevention, control or cure of disease or abnormal conditions of human beings or animals in accordance with the provisions of this law.

*Be It Further Resolved,* That the Secretary of the Board of Regents of the University of Minnesota shall furnish the proper officials of the City of Minneapolis with a copy of this resolution.

Voted to grant permission to Mr. Theodore S. Long, Instructor at the West Central School and Station, from October 1 to March 31, each year, to participate as a member in the State Employees Retirement Association for that period of service represented by an academic appointment, effective July 1, 1945.

Voted to approve the following memorandum of agreement covering school building surveys by the Bureau of Field Studies of the College of Education:

Independent School District No. 3, Rice County, Northfield, Minnesota, filed supplement to the minutes, page 6316.

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

No. AF 33(138) 12918 and AF 33(038) 7078, Air Force, agreement with Mr. W. S. Bradfield, a staff member on a three-month leave of absence, to return occasionally for consultation, filed supplement to the minutes, page 6317.

No. AF 33(038) 21246, Modification No. 1, Air Force, addition to paragraph regarding travel orders, filed supplement to the minutes, page 6318.

No. DA-11-190-eng-1, Army, Corps of Engineers, Snow, Ice, and Permafrost Research Establishment, investigation of friction of snow, filed supplement to the minutes, page 6319.

No. DA-18-108-CML-2542 (Army, Chemical Corps, with Minneapolis-Honeywell Regulator Company) extension of time and increase in amount of sub-contract with University, filed supplement to the minutes, page 6320.

No. AT (11-1)-50, Supplement No. 2, Atomic Energy Commission, increase in amount and extension of time, filed supplement to the minutes, page 6321.

No. AT(11-1)-106, Supplement No. 2, Atomic Energy Commission, changes in overhead rates, filed supplement to the minutes, page 6322.

No. N5ori-147, Task Order III, Amendment No. 14, Navy, Office of Naval Research, rate of overhead established, filed supplement to the minutes, page 6323.

No. N6onr-346, Task Order VII, Amendment No. 7, Navy, Office of Naval Research, rate of overhead established, filed supplement to the minutes, page 6324.

No. N8onr-66218, Navy, Office of Naval Research, research on analysis, properties, and metabolism of lipids, filed supplement to the minutes, page 6325.

No. NOrd-10346, Amendment No. 5, Navy, Ordnance, increase in amount and extension of time, filed supplement to the minutes, page 6326.

No. SC-2017, Amendment No. 7, NEPA Division, Fairchild Engine and Airplane Corporation, rate of overhead established, filed supplement to the minutes, page 6327.

No. SCC-14062, Department of State, amendment covering extension of time and permission to use \$6,000 for salaries of staff members, cost of transportation, etc., filed supplement, to the minutes, page 6328.

No. SCC-1A-2623, Department of State, acquisition of rights to film entitled "Your Friend in Blue," filed supplement to the minutes, page 6329.

No. V-9035-V-709, Supplement No. 1, Veterans Administration, addition of courses and course fees originally omitted in Extension Division contract for 1950-51, filed supplement to the minutes, page 6330.

Voted to accept on a loan basis for exhibition and teaching purposes under the supervision of the Department of Anthropology collection of Indian materials from Mr. Lloyd K. Johnson, Duluth, Minnesota.

The President reported for the information of the Board summary of cash gifts received during the year 1950-51, filed supplement to the minutes, page 6331.

Voted to approve the following applications for grants:

\$39,239.13 to the United States Public Health Service by Drs. F. John Lewis, George E. Moore, and C. Walton Lillehei, Surgery, and Dr. James F. Marvin, Biophysics, for research on toxic effects of irradiation

\$25,340.95 to the United States Navy, Office of Naval Research, by Dr. Wilbur Layton, Student Counseling Bureau, for a pilot investigation of factors influencing the supply of engineers in the labor market

\$24,000.00 to the Life Insurance Medical Research Fund, by Dr. Ernst Gellhorn, Neuro-physiology, for research on "brain circulation"

\$15,478.00 to the Life Insurance Medical Research Fund, by Dr. Nathan Lifson, Physiology, for a study on the transcapillary exchange of materials in perfused organs

\$14,298.00 to the Life Insurance Medical Research Fund, by Dr. Maurice Visscher, Physiology, for investigations in cardiovascular renal physiology

\$1,931.00 to Winthrop-Stearns, Inc., by Dr. Raymond N. Bieter and Dr. James M. Shaffer, Pharmacology, for studies on the effect of several new synthetic antiseptic detergents

\$1,500.00 to the World Health Organization, by Dr. Wesley W. Spink, Medicine, for personnel, postage, and supplies in connection with his trip to Europe

To the Minneapolis Star and Tribune, by Dr. Ralph D. Casey, Journalism, for extension of contract covering newspaper studies.

Voted to accept with thanks the following gifts:

|         |   |
|---------|---|
| Donor   | United States Public Health Service   |
| Amount  | \$25,000  |
| Fund    | United States Public Health Service—Cancer Teaching and Clinical Cancer Research Fund   |
| Donor   | United States Public Health Service   |
| Amount  | \$17,500  |
| Fund    | United States Public Health Service—Research on Ultrasonic Pulses   |
| Donor   | United States Public Health Service   |
| Amount  | \$9,093   |
| Fund    | United States Public Health Service—Research on Drugs   |
| Donor   | United States Public Health Service   |
| Amount  | \$6,026   |
| Fund    | United States Public Health Service—Vital Staining Research   |
| Donor   | Research Corporation  |
| Amount  | \$3,500   |
| Fund    | Research Corporation—Research on Rotated Electrodes   |
| Purpose | For research under the direction of Dr. I. M. Kolthoff, in accordance with correspondence filed supplement to the minutes, page 6332. |
| Donor   | Mr. James F. Bell   |
| Amount  | \$2,500   |
| Fund    | Friends of the University Library   |
| Donor   | Mr. Hushie-Sikarnartey through the Standard Bank of South Africa, Ltd.  |
| Amount  | \$799 (custody only)  |
| Fund    | All-University Scholarship Fund, for Emmanuel T. Hushie-Sikarnartey   |
| Donor   | British Embassy, Washington, D. C.  |
| Amount  | \$125 (custody only)  |
| Fund    | All-University Scholarship Fund, for Emmanuel T. Hushie-Sikarnartey   |
| Donor   | Miss Julia Marshall, through the Greater University Fund  |
| Amount  | \$500   |
| Fund    | Julia Marshall Scholarship Fund   |
| Donor   | United States Rubber Company, through the National Committee on Boys and Girls Club Work  |
| Amount  | \$310.00  |
| Fund    | Four-H Club Fund  |

|         |   |
|---------|---|
| Donor   | Ciba Pharmaceutical Products, Inc.  |
| Amount  | \$250   |
| Fund    | Ciba Pharmaceutical Products, Inc., Research on Adrenal Function  |
| Purpose | For research under the direction of Dr. Irwin H. Kaiser, in accordance with correspondence filed supplement to the minutes, page 6333.        |
| Donors  | 12 donors   |
| Amount  | \$195.75  |
| Fund    | Heart Hospital Equipment Fund   |
| Donor   | Dr. Willis A. Redding   |
| Amount  | \$100   |
| Fund    | Mayo Memorial Equipment Budget  |
| Purpose | For a fund for the purchase of equipment for the Mayo Memorial, in accordance with correspondence filed supplement to the minutes, page 6334. |
| Donors  | 4 anonymous donors  |
| Amount  | \$70  |
| Fund    | Booth Memorial Hospital   |
| Donors  | 3 donors  |
| Amount  | \$40  |
| Fund    | Malignant Disease Research Fund   |
| Donor   | Mrs. H. F. Argall   |
| Amount  | \$25  |
| Fund    | Heart Discase Research Fund   |
| Donor   | Margaret M. Doty  |
| Amount  | \$10  |
| Fund    | Anne Dudley Blitz Loan Fund   |

Voted to adjourn.

W. T. MIDDLEBROOK, Secretary