

UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS  
MINUTES

June 11, 1955

A meeting of the Board of Regents was held in the Regents' Room, Administration Building, on Saturday, June 11, 1955, at ten o'clock.

Present: Regent Quinlivan, presiding; Regents Cosgrove, Griggs, Howard, Lawson, Malkerson, Neumeier, Olson, Skyberg, and Mr. Morrill.

Voted to approve the following retirements:

Alice Biester as Professor Emeritus School of Home Economics effective June 15, 1955

Arthur A Zierold as Clinical Professor Emeritus Surgery effective June 30, 1955

Leo J Brueckner as Professor Emeritus General Education effective June 15, 1955

Spencer B Cleland as Professor Emeritus Extension Economist Farm Management Agricultural Extension Service effective June 30, 1955

Edward W Davis as Professor Emeritus Mines Experiment Station effective June 15, 1955

Ernest A Heilman as Professor Emeritus School of Business Administration effective June 15, 1955

August C Krey as Professor Emeritus History effective June 15, 1955

Paul R McMiller as Professor Emeritus Soils effective June 30, 1955

William E Morris as Professor Emeritus Extension Animal Husbandman Agricultural Extension Service effective June 30, 1955

Mervin G Neale as Professor Emeritus General Education effective June 15, 1955

Ethel L Phelps as Professor Emeritus School of Home Economics effective June 15, 1955

Roland S Vaile as Professor Emeritus School of Business Administration effective June 15, 1955

Henry P Wagener as Professor Emeritus Ophthalmology Mayo Foundation effective June 30, 1955

Blanche C Kendall as Associate Professor Emeritus Music effective June 15, 1955

Kano Ikeda as Associate Professor Emeritus Pathology effective June 30, 1955

Fred Z Havens as Associate Professor Emeritus Laryngology and Rhinology Mayo Foundation effective June 30, 1955

Luther Thompson as Associate Professor Emeritus Bacteriology Mayo Foundation effective June 30, 1955

Carlyle Campbell as Agricultural Agent-Assistant Professor Emeritus Agricultural Extension Service effective June 30, 1955

Henry A Pflughoeft as Assistant Professor Emeritus District Supervisor 4-H Club Work Agricultural Extension Service effective June 30, 1955

Ina B Rowe as Extension Nutritionist Assistant Professor Emeritus Agricultural Extension Service effective June 30, 1955

Edwin J Volden as Assistant Professor Emeritus West Central School and Experiment Station effective June 30, 1955

Arthur F Bratrud as Clinical Assistant Professor Emeritus Surgery effective June 30, 1955

Frank S McKinney as Clinical Assistant Professor Emeritus Surgery effective June 30, 1955

Victor L Fixen as Lecturer Emeritus Civil Engineering effective June 15, 1955

Alexander B Rolfe as Instructor Emeritus West Central School and Experiment Station effective June 30, 1955

Richard R Cranmer as Clinical Instructor Emeritus Surgery effective June 30, 1955

Gertrude I Thomas as Director of Hospital Nutrition Service Professor Emeritus University Hospitals effective June 30, 1955

Teresa Fitzgerald Senior Secretary Alumni Relations to retire on State Employees Retirement effective June 30, 1955

Margaret H Trimble Senior Librarian Library to retire on State Employees Retirement effective June 30, 1955

Peter H Rocksted Senior Laboratory Attendant Mechanical Engineering to retire on State Employees Retirement effective June 30, 1955

Ada E Merrill Principal Secretary Agricultural Engineering to retire on State Employees Retirement effective June 30, 1955

Emil Treischel Poultry Worker West Central School and Experiment Station effective June 30, 1955

Louis A Larson Plumber Foreman Physical Plant to retire on State Employees Retirement effective June 30, 1955

Lucien E Freeman Building Caretaker Physical Plant effective June 30, 1955

Julius Syverson Building Caretaker Physical Plant effective June 30, 1955

George Schutta Building Caretaker Physical Plant effective June 30, 1955

Ida M Johnson Cook Sanford Hall to retire on State Employees Retirement effective June 30, 1955

Regine Aarestad Salad Maker Coffman Union Food Service to retire on State Employees Retirement effective June 30, 1955

Ellen Bercher Principal Food Service Supervisor Coffman Union Food Service to retire on State Employees Retirement effective June 30, 1955

Luena S Gillen Cook Coffman Union Food Service to retire on State Employees Retirement effective June 30, 1955

Helga M Palmer Food Service Worker Pioneer and Centennial Halls to retire on State Employees Retirement effective June 30, 1955

Nina Paquin Custodial Worker Pioneer and Centennial Halls effective June 30, 1955

Talitha Andreas Custodial Worker Comstock Hall to retire on State Employees Retirement effective June 30, 1955

Ella Johnson Hospital Aide University of Minnesota Hospitals to retire on State Employees Retirement effective June 30, 1955  
Sigrid Green Cook University of Minnesota Hospitals effective June 30, 1955  
Carrie Hoiosen Cook University of Minnesota Hospitals to retire on State Employees Retirement effective June 30, 1955

Voted to approve the following terminations of employment:

Richard G Guilford Professor School of Social Work effective June 15, 1955

Charles L Critchfield Professor Physics effective June 15, 1955

Leon Festinger Professor Laboratory for Research in Social Relations effective June 30, 1955

Joseph M Pestarini Professor Electrical Engineering effective June 15, 1955

Newman A Hall Professor Mechanical Engineering effective June 15, 1955

Richard T Arnold Professor and Head School of Chemistry effective June 15, 1955

Andreas G Papandreou Professor School of Business Administration effective June 15, 1955

Cornelia Williams Professor and Counselor General College effective June 30, 1955

Colonel Kermit D Stevens Professor Air Science Department without salary effective June 3, 1955

Louis O Coxe Associate Professor English effective June 15, 1955

Allan E Martin Associate Professor Mines and Metallurgy effective June 15, 1955

John T Wheeler Associate Professor School of Business Administration effective June 15, 1955

George A Young Associate Professor Hormel Institute effective June 30, 1955

Harold Tovish Assistant Professor Art effective June 15, 1955

Clarence R Allen Assistant Professor Geology effective June 15, 1955

Isaac Rosenfeld Assistant Professor General Studies effective June 15, 1955

Lawrence M Slifkin Assistant Professor Physics effective June 15, 1955

Alexander G Park Assistant Professor School of Journalism effective June 15, 1955

Delmer J Rodabaugh Assistant Professor Rhetoric effective June 15, 1955

Thelma J Damgaard Assistant Professor Professional Education Division Duluth Branch effective June 15, 1955

James V Hirsch Lecturer School of Architecture effective June 15, 1955

Horace E Staph Lecturer Mechanical Engineering effective June 15, 1955

Robert E Wood Lecturer Humanities Division Duluth Branch effective June 15, 1955

Oscar E Johnson Instructor Anthropology effective June 15, 1955

Henry Albers Instructor Astronomy effective June 15, 1955

Lloyd C Hulbert Instructor Botany effective June 15, 1955  
The following Instructors English effective June 15, 1955

Eugene Bluestein	Virginia J Rock
Donald E Houghton	Danforth R Ross
John D Kendall	Marjorie Ryan
James V Lill	Ruth F Stickney
Robert A Miller	John A Sweetser, III
Robert R Owens	Gerald Willen

Blake G Stern Instructor Music effective June 15, 1955  
Clara Kanun Instructor General Studies and Sociology effective June 15, 1955

The following Instructors General Studies effective June 15, 1955

Stanley P Anderson	Robert H Miller
William Farquhar	Nicos Mouratides
Robert Jost	Erma H Olson
John Krumboltz	Truman A Potter

Thomas A Flinn Instructor Political Science effective June 15, 1955

Jarvis R Bastian Instructor Psychology effective June 15, 1955  
Arthur C MacKinney, Jr Instructor Psychology effective June 15, 1955

Maude Shapiro Instructor Speech and Theater Arts effective June 15, 1955

Margaret Fulmer Instructor Library School effective June 15, 1955

Hugh F Frohbach Instructor Electrical Engineering effective June 15, 1955

Armand S Johnson Instructor Civil Engineering effective June 15, 1955

Ben H Anderson Instructor Mechanical Engineering effective June 15, 1955

Theodore L Gershun Instructor Mechanical Engineering effective June 15, 1955

Robert R Johnson Instructor Mechanical Engineering effective June 15, 1955

George G Chapin Instructor Mechanics and Materials effective June 15, 1955

Alvar B Sandquist Instructor Rhetoric effective June 15, 1955

William H Anderson Clinical Instructor Surgery without salary effective June 30, 1955

John D Galloway Clinical Instructor Surgery without salary effective May 4, 1955 (deceased)

John J McNeil Clinical Instructor Surgery without salary effective June 30, 1955

Marvin J Stewart Clinical Instructor Surgery without salary effective June 30, 1955

Jean T Parker Instructor Institute of Child Welfare effective June 15, 1955

Kermit H Kleene Instructor Agricultural Education effective June 15, 1955

The following Instructors General Education effective June 15, 1955

Howard E Bergstrom	Patricia C Jensen
William C Gemeinhardt	Mary J Reed
Lincoln R Henderson, Jr	

Robert D Brown Instructor Trade and Industrial Education effective June 15, 1955

The following Instructors University High School effective June 15, 1955

Virginia V Alwin  
Merton R Johnson  
Eldon L Modisett

Walter E. Pederson  
Eleanor A Ruud

Gene M Lasater Instructor Neurology Graduate School Research Funds effective June 30, 1955

The following Instructors School of Business Administration effective June 15, 1955

Lloyd J Buckwell, Jr  
Vernon O Carlson  
J O Einar Hardin

Charles E Meyerding  
Aleks A Rozental  
Robert T Sprouse

Elizabeth S Seagren Instructor Professional Education Division Duluth Branch effective June 15, 1955

Helen E Heino Instructor Science and Mathematics Duluth Branch effective June 15, 1955

Lester H Swanson Assistant Extension Specialist Information Agricultural Extension Service effective June 15, 1955 (transferred to miscellaneous payroll)

Richard L Schwoebel Teaching Assistant Physics effective March 15, 1955

Roy B McLaren Teaching Assistant School of Business Administration effective March 15, 1955

Shao-Chia Chou Research Assistant Bacteriology and Immunology Research Funds effective May 31, 1955

Sheldon W Kayute Research Assistant Bacteriology and Immunology Research Funds effective April 30, 1955

Charles D Collins Medical Fellow Surgery without salary effective May 16, 1955

Henry J Fregosi Medical Fellow Surgery without salary effective May 23, 1955

David R Johnson Medical Fellow Surgery without salary effective September 30, 1954

Catherine F Root Medical Fellow Pediatrics Kenny Foundation Fellowships effective May 15, 1955

Maxine F Dornbush Senior Clerk-Typist Comptroller effective May 30, 1955

Kathryn A Lee Clerk-Typist Comptroller effective June 3, 1955

Helen Osborne Senior Clerk Comptroller effective June 21, 1955

Jeanette M Roesler Secretary Comptroller effective May 20, 1955

Ruth M Anderson Senior Clerk Dean of Students Student Counseling Bureau effective June 10, 1955

Barbara S Binger Secretary Dean of Students Student Activities Bureau effective June 13, 1955

The following in Admissions and Records

		Effective Date
Mary M Anderson	Senior Clerk	June 1, 1955
Mary R Dalrymple	Clerk	June 15, 1955
DeLoyce L Goode	Clerk	June 2, 1955
Donna M Houghton	Clerk	June 23, 1955
Marjorie E Lindell	Clerk	June 20, 1955
Janice Olmanson	Clerk	June 15, 1955

Anna M Levehagen Senior Clerk-Typist Alumni Relations effective June 14, 1955  
 Judith J Tamanaha Clerk General Storehouse effective June 10, 1955  
 Ruth M Hodshire Clerk-Typist Chemical Storehouse effective May 13, 1955  
 Lilica V Anderson Junior Librarian Library effective May 30, 1955  
 Richard A Gray Junior Librarian Library effective May 10, 1955  
 Edna Rodabaugh Librarian Library effective June 15, 1955  
 Barbara A Stark Senior Clerk Library effective June 29, 1955  
 Collette Bergeron Clerk Protection and Investigation effective May 23, 1955  
 Janice D Rude Secretary Administration College of Science Literature and the Arts effective May 20, 1955  
 Arlene Wendt Clerk-Typist Administration College of Science Literature and the Arts effective May 31, 1955 (transferred to miscellaneous payroll)  
 Genevieve I Anderson Clerk-Typist Psychology effective May 20, 1955  
 Richard R Ruegemer Senior Engineering Assistant Mechanics and Materials effective June 9, 1955  
 Kenneth M Hanson Storehouse Stock Clerk School of Chemistry effective May 6, 1955 (transferred to miscellaneous payroll)  
 Ardeth L Volk Secretary School of Chemistry effective June 23, 1955  
 Dorothy Anglim Senior Clerk-Typist Administration Institute of Agriculture effective May 12, 1955  
 Theresa W Tomsche Secretary Administration Institute of Agriculture effective June 9, 1955  
 Cecile C Hunsberger Laboratory Attendant Dairy Husbandry effective June 8, 1955  
 Joyce E Addison Clerk-Typist Agricultural Extension Service effective June 3, 1955  
 Jean A Hoisington Secretary Agricultural Extension Service effective May 27, 1955  
 Edna B Quilliam Clerk-Typist Agricultural Extension Service effective June 15, 1955  
 Shirley A Christian Senior Account Clerk Northwest School and Experiment Station effective May 31, 1955  
 Jean M Sinnen Senior Clerk-Typist Fruit Breeding Farm effective May 23, 1955  
 Elaine S Klicker Senior Secretary Administration College of Medical Sciences effective May 13, 1955  
 Faith Orenstein Senior Clerk-Typist Medicine effective June 30, 1955  
 Frank B Zdrubek Laboratory Technologist Institute of Child Welfare effective June 7, 1955  
 Margaret I Larsen Laboratory Technician School of Dentistry effective June 10, 1955  
 Mary L Nelson Secretary Law School effective June 15, 1955  
 Ruth C West Clerk-Typist School of Business Administration Industrial Relations Center effective May 20, 1955  
 Gloria F Ambrosen Secretary General College effective June 8, 1955

Josephine F Larson Senior Secretary General College effective June 17, 1955

Norma C Ranta Clerk-Typist Humanities Division Duluth Branch effective June 7, 1955

Marlene R Carsten Clerk-Stenographer Community Program Service effective May 25, 1955

June Ronhovde Senior Clerk State Organization Service effective May 20, 1955

Walter Wychor Engineer Electrical Engineering Research Funds effective June 15, 1955

Marilyn L Peterson Laboratory Technician School of Veterinary Medicine Research Funds effective May 23, 1955

Jane Remes Clerk-Typist Surgery Research Funds effective April 30, 1955 (transferred to miscellaneous payroll)

William Adams Building Caretaker Physical Plant effective May 18, 1955

August Luick Building Caretaker Physical Plant effective May 13, 1955

Ernest Snelling Building Caretaker Physical Plant effective May 9, 1955 (transferred to miscellaneous payroll)

William Boehlke Building Caretaker Physical Plant effective May 31, 1955

Joyce S Smith Student Personnel Worker Coffman Memorial Union effective June 30, 1955

Donna J Christenson Clerk-Typist Students Health Service effective May 27, 1955

Patricia F Fish Student Technologist Supervisor Students Health Service effective June 24, 1955

Nancy J Groth Senior Clerk-Typist Students Health Service effective June 21, 1955

Gordon W Oien Pharmacist Students Health Service effective May 10, 1955

Marjorie D Vegemast Clerk-Typist Students Health Service effective June 23, 1955

Ralph J Berneck Communications Technician Audio-Visual Education Service effective May 16, 1955

David E Westphal Senior Communication Technician Audio-Visual Education Service effective May 18, 1955

Wendell E Holmquist Photographer Photographic Laboratory effective May 30, 1955

Armand G Eiring Junior Scientist Medical Research Laboratory Pool effective May 31, 1955

Concordia L Hoffmann Secretary Bureau of Field Studies and Surveys effective May 27, 1955

Mary A Kern Senior Secretary School of Chemistry Research Funds effective June 22, 1955

Ida T Behan Junior Scientist Physiology Research Funds effective June 15, 1955

George A Rand Laboratory Animal Attendant Cancer Biology Research Funds effective April 29, 1955

Lillian B Williams Senior Clerk Surgery Research Funds effective June 18, 1955

Dora Koella Laboratory Technologist Bacteriology and Immunology National Foundation for Infantile Paralysis effective May 15, 1955

Pauline Raig Secretary Surgery Research Funds effective May 3, 1955

Marylin E Hanson Secretary Agricultural Education Research Funds effective June 2, 1955

Bessie T Hutchins Junior Scientist Institute of Child Welfare Research Funds effective June 17, 1955

Ida M Oliver Laboratory Technologist Hormel Institute effective June 15, 1955

Ned C Presho Laboratory Animal Attendant Animal Hospital effective June 16, 1955

The following in the University of Minnesota Hospitals

		Effective Date
Walter Baertschi	Hospital Orderly	May 27, 1955
J Virginia Brouns	Head Hospital Nurse	June 17, 1955
Sally A Christianson	General Staff Nurse	June 20, 1955
Alice B Cone	Social Worker and Instructor	June 21, 1955
Erwin L Debolt	General Mechanic	May 27, 1955
Barbara O Hawes	Clerk-Typist	June 22, 1955
Marlene Langermann	Practical Nurse	June 15, 1955
Mary P Mason	General Staff Nurse	June 1, 1955
Catherine J Meyer	Senior Dietitian	June 1, 1955
Joy Moe	Head Hospital Nurse	July 22, 1955
Jeanne P Oswell	Operating Room Nurse	June 27, 1955
Joyce S Peterson	General Staff Nurse	June 20, 1955
Vernice F Peterson	General Staff Nurse	June 21, 1955
Barbara Piper	General Staff Nurse	June 17, 1955
Joan Running	General Staff Nurse	June 13, 1955
Mary L Ryan	General Staff Nurse	May 27, 1955
Norma H Schee	General Staff Nurse	June 21, 1955
Frances Steging	General Staff Nurse	June 17, 1955

Alda DeSoto Food Service Worker Variety Club Heart Hospital effective June 9, 1955

Helen L Johnson recipient of a Special Education Scholarship effective May 20, 1955

Patricia A Kay recipient of a Tozer Foundation Undergraduate Scholarship effective May 25, 1955

Caryl A Owens recipient of a Tozer Foundation Undergraduate Scholarship effective May 25, 1955

Voted to approve the following appointments:

John R Ellingston continuation of appointment as Professor Law School Training Project in Juvenile Delinquency Control July 1 to December 31, 1955 at \$5,000 Term CT (\$10,000 A rate)

Harold H Kelley as Associate Professor of Psychology Laboratory for Research in Social Relations beginning September 16, 1955 at the rate of \$8,000 Term B

John B Rowell as Associate Professor Plant Pathology and Botany without salary beginning July 1, 1955

Charles C Onion as Assistant Professor History for 1955-56 at \$2,900 Term BHX63 (\$4,635 B rate)

Gordon M Duckworth as Assistant Professor Music September 16, 1955 to June 15, 1957 at the rate of \$5,000 Term B

Bernhard D Weiser as Assistant Professor Music for 1955-56 at \$1,000 Term BH20

Fred H Blum as Assistant Professor General Studies September 16, 1955 to June 15, 1957 at the rate of \$5,300 Term B

Alan H Donagan as Assistant Professor Philosophy September 16, 1955 to June 15, 1957 at the rate of \$5,150 Term B



Luther J Pickrel as Assistant Professor Extension Economist Agricultural Extension Service July 18, 1955 to June 30, 1957 at the rate of \$6,800 Term A

William H Warner as Assistant Professor Mechanics and Materials September 16, 1955 to June 15, 1957 at the rate of \$5,400 Term B

J Doyle Britton as Assistant Professor School of Chemistry September 16, 1955 to June 15, 1957 at the rate of \$5,000 Term B

Robert F Bruzewski as Assistant Professor Mines and Metallurgy September 16, 1955 to June 15, 1957 at the rate of \$6,000 Term B

Willard R Lane as Assistant Professor General Education and School Surveys September 16, 1955 to June 15, 1957 at the rate of \$5,500 Term B

Howard E Wakefield as Assistant Professor General Education March 16, 1956 to June 15, 1958 at the rate of \$6,000 Term B

Ira O Scott, Jr as Assistant Professor School of Business Administration September 16, 1955 to June 15, 1957 at the rate of \$5,700 Term B

Sjoerd L Bonting as Assistant Professor Physiological Chemistry Research Funds September 16, 1955 to March 31, 1956 at \$3,521 Term CT (\$6,500 A rate)

Arthur R Robinson as Research Associate Mechanics and Materials Research Funds October 20, 1955 to June 15, 1956 at the rate of \$5,200 Term BT

Benjamin W Grunbaum as Research Associate Physiological Chemistry Research Funds August 16, 1955 to March 31, 1956 at \$4,063 Term CT (\$6,500 A rate)

Wassilij Alexeev as Lecturer Slavic and Oriental Languages for 1955-56 at \$3,800 Term BX

Walter K Johnson as Lecturer Civil Engineering for 1955-56 at \$5,000 Term B

Richard E Norris as Instructor Botany for 1955-56 at \$4,750 Term B

The following as Instructors English for 1955-56

	Annual Salary	Term
Edward O Coleman, Jr	\$2,508	BH67
William E Coles, Jr	2,800	BH67
Herbert R Eschliman	2,800	BH67
Marvin M Fisher	2,508	BH67
Morris I Goldman	2,508	BH67
Wayne V Huebner	2,508	BHX67
Everett M Larson	1,254	BH33
James M Lufkin	2,508	BHX67
Joan M Mooney	2,508	BHX67
Mary N Odle	2,700	BH67
Melvin Seiden	2,508	BHX67
William D Spring	2,800	BH67
Jack E Tohtz	2,508	BHX67
R Kermit Vanderbilt	2,508	BHX67
George F Wedge	2,508	BHX67
Mary B Willis	2,508	BHX67

Melvin Waldfogel as Instructor Art for 1955-56 at \$4,000 Term BX

John W Webb as Instructor Geography for 1955-56 at \$4,100 Term BX

Irwin S Krule as Instructor Mathematics College of Science Literature and the Arts for 1955-56 at \$4,200 Term B  
 Bancroft Henderson as Instructor General Studies for 1955-56 at \$1,881 Term BH50  
 Garry R Walz as Instructor General Studies for 1955-56 at \$1,881 Term BH50  
 Charles R Magel as Instructor Philosophy for 1955-56 at \$1,222 Term BH24  
 Jay L Clark as Instructor Psychology for 1955-56 at \$1,881 Term BH50  
 Lawrence S Wrightsman, Jr as Instructor Psychology for 1955-56 at \$1,881 Term BH50  
 Gregory P Stone as Instructor Sociology for 1955-56 at \$4,500 Term B  
 James R Kelsey as Instructor Mathematics Institute of Technology for 1955-56 at \$2,000 Term BHX50  
 John S Maybee as Instructor Mathematics Institute of Technology for 1955-56 at \$1,881 Term BHX50  
 Edward R Rang as Instructor Mathematics Institute of Technology for 1955-56 at \$2,000 Term BHX50  
 Warren B Stenberg as Instructor Mathematics Institute of Technology September 16, 1955 to June 15, 1956 at the rate of \$4,800 Term B  
 Peter Hrycak as Instructor Mechanical Engineering for 1955-56 at \$2,822 Term BHT75  
 Peter A Schoeck as Instructor Mechanical Engineering for 1955-56 at \$2,822 Term BHT75  
 Donald M Barnes as Instructor School of Veterinary Medicine for 1955-56 at \$5,016 Term A  
 Shirley N Erickson as Instructor West Central School and Experiment Station for 1955-56 at \$2,508 Term D  
 Ralston G Gunvaldson as Instructor West Central School and Experiment Station for 1955-56 at \$3,762 Term B  
 Alice N Page as Instructor West Central School and Experiment Station for 1955-56 at \$2,508 Term D  
 Mary M Meyer as Instructor Southern School of Agriculture for 1955-56 at \$2,508 Term D  
 Herbert E Warden as Clinical Instructor Surgery April 1 to June 30, 1955 at \$900 Term CHT76 (\$4,770 A rate)  
 Mary E Perkins as Instructor General Education for 1955-56 at \$1,881 Term BH50  
 Dorothy J Pettitt as Instructor General Education for 1955-56 at \$1,881 Term BHX50  
 Velda M Williams as Instructor General Education for 1955-56 at \$1,881 Term BH50  
 Donald L Anderson as Instructor School of Business Administration for 1955-56 at \$1,881 Term BH50  
 Harold I Lunde as Instructor School of Business Administration for 1955-56 at \$1,881 Term BH50  
 Paul E Merz as Instructor School of Business Administration for 1955-56 at \$1,881 Term BH50  
 Louis H Hoover continuation of appointment as Research Fellow Committee on Institutional Relationships June 16-30, 1955 at \$199 Term C (\$4,770 A rate)  
 Richard A Zeleny as Research Fellow Chemical Engineering Research Funds for 1955-56 at \$1,881 Term BHT50

Ludwig G Hartmann continuation of appointment as Research Fellow Chemical Engineering Research Funds July 1-15, 1955 at \$225 Term CT (\$5,400 A rate)

Evelyn Deno continuation of appointment as Research Fellow Institute of Child Welfare Research Funds July 1 to September 30, 1955 at \$1,450 Term CT (\$5,800 A rate)

Robert E Ascherman as Lake of the Woods County Agricultural Agent Instructor Agricultural Extension Service for 1955-56 at \$4,800 (\$4,040 University \$760 County) Term AH84

Aldyne L Carlson as Nobles County Home Agent Instructor Agricultural Extension Service for 1955-56 at \$3,800 (\$3,565 University \$235 County) Term AH94

Duane C Butler as Goodhue County Acting County Club Agent Agricultural Extension Service June 6-30, 1955 at the rate of \$4,000 (\$3,565 University \$435 County) Term AHX89

Marian M Dryden as Kandiyohi County Club Agent Instructor Agricultural Extension Service June 1-30, 1955 at the rate of \$3,600 (\$3,450 University \$150 County) Term AHX96

William N Provance Roseau County Assistant County Agricultural Agent Agricultural Extension Service June 20-30, 1955 at the rate of \$4,800 Term A

Alice P Walters Crow Wing County Home Agent Instructor Agricultural Extension Service June 20-30, 1955 at the rate of \$3,700 (\$3,565 University \$135 County) Term AH96

Richard N Hurd as Teaching Assistant School of Chemistry for 1955-56 at \$1,503 Term BH50

Edwin A Schmall as Teaching Assistant School of Chemistry for 1955-56 at \$1,503 Term BH50

Nedra A Whittaker as Teaching Assistant School of Chemistry for 1955-56 at \$1,503 Term BH50

Gordon L Willette as Teaching Assistant School of Chemistry for 1955-56 at \$1,503 Term BH50

Jack A Davidson as Teaching Assistant Chemical Engineering for 1955-56 at \$1,503 Term BH50

Michel Mezin as Teaching Assistant Chemical Engineering for 1955-56 at \$1,503 Term BH50

Mildred C Hillestad as Teaching Assistant General Education for 1955-56 at \$752 Term BH25

Anthony S Lis as Teaching Assistant General Education for 1955-56 at \$752 Term BH25

Dennis A Bastas as Teaching Assistant School of Business Administration for 1955-56 at \$1,002 Term BH33

Peter G Helmberger as Research Assistant Agricultural Economics Research Funds June 13-30, 1955 at the rate of \$3,744 Term AT

John D Ross as Research Assistant Bacteriology and Immunology Research Funds July 1, 1955 to February 29, 1956 at \$2,405 Term CH90

Judith Tennant as Research Assistant Bacteriology and Immunology Research Funds July 1, 1955 to February 29, 1956 at \$2,004 Term CHT75

Evalyn F Segal as Research Assistant Office of Naval Research July 1 to September 15, 1955 at \$418 Term CHT50

Harold A Korn continuation of appointment as Clinical Fellow Dean of Students Student Counseling Bureau June 16-30, 1955 at \$78 Term CHT50

Edward J Richardson, Jr as Clinical Assistant Surgery without salary for 1955-56

Philip D Christensen continuation of appointment as Medical Fellow Medicine without salary for 1955-56

Paul V Cummiskey continuation of appointment as Medical Fellow Medicine without salary for 1955-56

Irina E Driver continuation of appointment as Medical Fellow Medicine without salary for 1955-56

George P Nichols as Medical Fellow Medicine with salary paid directly by Veterans Administration Hospital April 1 to June 30, 1955

James Redington as Medical Fellow Medicine with salary paid directly by Veterans Administration Hospital January 1, 1955 to December 31, 1956

Arthur J Oswald as Medical Fellow Surgery May 9 to June 30, 1955 at the rate of \$2,190 Term A

Donald E Wohlrabe as Medical Fellow Surgery with salary paid directly by Veterans Administration Hospital May 2 to June 30, 1955

Chu-Wan Kim as Medical Fellow Radiology without salary May 20, 1955 to June 30, 1956

Charles E Turbak as Medical Fellow Surgery Ancker Hospital Research Funds July 1 to August 31, 1955 at \$342 plus tuition and fees Term CT

Paul Kowalishin as Medical Fellow Urology Minneapolis General Hospital Fellowships May 1 to June 30, 1955 at the rate of \$1,950 plus tuition and fees Term A

Luis M Beou-Castro as Medical Fellow Pathology Mayo Foundation without salary July 1 to December 31, 1955

Kyu S Her as Medical Intern University of Minnesota Hospitals May 5 to June 30, 1955 at the rate of \$600 Term A

James R Novotny as Non-service Fellow Reserve Mining Company Fellowship in Economic Geology and Petrography for 1955-56 at \$3,500 Term A

Lynn A Houghtaling as Non-service Fellow Clara H Ueland Memorial Fellowship in Political Science for 1955-56 at \$500 Term B

Brother Robert Staub as Non-service Fellow Conway MacMillan Fellowship in Botany for 1955-56 at \$1,200 Term B

Evelyn J Sarvie as Secretary Comptroller May 9 to June 30, 1955 at the rate of \$2,532 Term AT

Frances H Wilson as Clerk-Typist Comptroller May 17 to June 30, 1955 at the rate of \$2,100 Term AT

Ralph G Smith continuation of appointment as Junior Student Personnel Worker Dean of Students Student Activities Bureau June 1-30, 1955 at \$306 Term CX (\$3,672 A rate)

Marian M Wheeler as Clerk Dean of Students Student Counseling Bureau May 11 to June 30, 1955 at the rate of \$2,100 Term A

Joanne F Johnson as Senior Clerk-Typist Civil Service Personnel May 17 to June 30, 1955 at the rate of \$2,532 Term AT

Linnea Vestre as Clerk General Storehouse May 9 to June 30, 1955 at the rate of \$2,100 Term A

Marlys A Bakken as Clerk Library May 26 to June 30, 1955 at the rate of \$2,100 Term A

Nancy A Dahlquist as Senior Clerk Library May 4 to June 30, 1955 at the rate of \$2,532 Term A

Mary A Halverson as Clerk-Typist Administration College of Science Literature and the Arts June 1 to June 30, 1955 at the rate of \$2,100 Term A

Phyllis F Hopster as Senior Clerk-Typist Mechanical Engineering April 25 to June 30, 1955 at the rate of \$2,532 Term A

Robert J Caven as Storehouse Stock Clerk School of Chemistry May 18 to June 30, 1955 at the rate of \$2,772 Term A

June C Kepple as Secretary School of Chemistry June 6-30, 1955 at the rate of \$2,532 Term A

Mary L Halbert continuation of appointment as Laboratory Technologist School of Home Economics Research Funds May 16 to June 30, 1955 at \$495 Term CT (\$3,960 A rate)

Mary J Anderson as Clerk-Typist School of Dentistry June 1-30, 1955 at the rate of \$2,100 Term A

Enid M Thomson as Laboratory Technologist Surgery Research Funds April 15 to June 30, 1955 at \$725 Term CX (\$3,480 A rate)

Arnold O Dzuck as Building Caretaker Physical Plant Duluth Branch June 1-30, 1955 at the rate of \$2,736 Term AT

Wanda E Hammerberg as Custodial Worker Physical Plant Duluth Branch June 1-30, 1955 at the rate of \$2,160 Term AT

Eino A Nurminen as Utility Man Physical Plant Duluth Branch June 1-30, 1955 at the rate of \$2,724 Term AT

Zygmunt J Ostrowski as Utility Man Physical Plant Duluth Branch June 1-30, 1955 at the rate of \$2,724 Term AT

Audrey A Bodine as Senior Clerk State Organization Service June 1-30, 1955 at the rate of \$2,532 Term AT

Ardis M Brown continuation of appointment as Laboratory Technologist Radiology Research Funds May 1 to June 30, 1955 at \$612 Term CT (\$3,672 A rate)

Carol J Sandell as Laboratory Technologist Anatomy Research Funds April 20 to June 30, 1955 at the rate of \$3,480 Term AT

June M Ferguson as Senior Dietitian Pediatrics Research Funds May 16 to June 30, 1955 at \$474 Term CTX (\$3,792 A rate)

Horace L Hammick as Building Caretaker Physical Plant June 1-30, 1955 at the rate of \$2,664 Term A

Paul N Loring as Building Caretaker Physical Plant June 1-30, 1955 at the rate of \$2,808 Term A

Gregory E Scherber as Building Caretaker Physical Plant June 1-30, 1955 at the rate of \$2,592 Term A

D Richard Winchester as General Mechanic Physical Plant May 16 to June 30, 1955 at the rate of \$3,300 Term A

Alice Ramsay as Food Service Worker Comstock Hall April 25 to June 30, 1955 at the rate of \$2,100 Term ATX

Marilyn L Johnson as Clerk-Typist Students Health Service May 5 to June 30, 1955 at the rate of \$2,100 Term AT

Mary E Keena as X-Ray Technician Students Health Service May 16 to June 30, 1955 at the rate of \$3,240 Term AT

Lewis C McGonagle as Pharmacist Students Health Service May 2 to June 30, 1955 at the rate of \$4,200 Term A

Doris A Pierson as Clerk-Typist Students Health Service June 20-30, 1955 at the rate of \$2,100 Term AT

Donald S Johnson as Junior Medical Illustrator Medical Illustration May 1 to June 30, 1955 at the rate of \$4,200 Term A

Inga Platou as Artist Medical Illustration May 1 to June 30, 1955 at the rate of \$3,864 Term AT

Milton O Baker as Electronics Mechanic Audio-Visual Education Service May 16 to June 30, 1955 at the rate of \$3,720 Term AT  
Richard E Townsend as Communications Technician Audio-Visual Education Service May 12 to June 30, 1955 at the rate of \$3,480 Term A

Milton B Smith as Photographer Photographic Laboratory May 9 to June 30, 1955 at the rate of \$3,480 Term A

Lois Agather as Junior Scientist Medical Research Laboratory Pool May 2 to June 30, 1955 at the rate of \$3,720 Term AT

James B Wade as Laboratory Animal Attendant Animal Hospital May 1 to June 30, 1955 at the rate of \$2,592 Term AT

Robert M Twedt continuation of appointment as Assistant Scientist Pediatrics Research Funds May 16 to June 30, 1955 at \$555 Term CT (\$4,440 A rate)

Patricia Murtz as Laboratory Technologist Medicine Research Funds March 28 to June 30, 1955 at \$918 Term CT (\$3,480 A rate)

Marilyn J Kleen as Secretary Agricultural Education Research Funds May 18 to June 30, 1955 at the rate of \$2,532 Term AT

Maxine H Opperud continuation of appointment as Secretary Laboratory for Research in Social Relations June 16-30, 1955 at \$56 Term CH50 (\$2,676 A rate)

Joan C Keetley as recipient of an Anne Dudley Blitz Scholarship of \$100 for 1955-56 General Education

Stanley Starkman as recipient of a Bristol Laboratories Senior Award for highest numerical average in the course of compounding and dispensing for 1954-55 College of Pharmacy

The following as recipients of College Quiz Bowl Scholarships of \$200 for 1955-56 College of Science Literature and the Arts

Richard O Anderson  
Barbara S Bach  
Harald C Bakken  
Richard W Barsness  
Donovan L Beckman  
Slavia Bennett  
Arlene D Eke  
Sandra A Halverson  
Harvey Kelman

John C Kilde  
Marilyn J Koenig  
Keith E Lehrer  
Harold B Liemohn  
Ronald E Martell  
Fred Mecklenburg  
George C Mohlke, Jr  
Clarke L Wilhelm  
Conrad J Wilkowske

Elizabeth M Jerabek and Luisa S Saniel as recipients of Caroline M Crosby Memorial Fellowships of \$350 each for the first summer session of 1955 Graduate School

Sharon L Kalass as recipient of a Faculty Womens Club Scholarship of \$100 for 1955-56 College of Agriculture Forestry and Home Economics

Kathleen R Kinney as recipient of a Faculty Womens Club Scholarship of \$100 for 1955-56 College of Science Literature and the Arts

Erma I Townley as recipient of a Faculty Womens Club Scholarship of \$115.40 for 1955-56 General Education

Ruth Krueger and Vandora G Pierson as recipients of Mary Farrell Coffman Scholarships of \$100 each for 1955-56 College of Agriculture Forestry and Home Economics

The following as recipients of Thomas F Ellerbe Prizes for Architectural Design of \$50 each for 1954-55 School of Architecture

Frank Carter  
Jack Geretz  
Stanley Michaels

Donald Andrews as recipient of a Thomas F Ellerbe Prize for Architectural Design of \$150 for 1954-55 School of Architecture

Nancy M Goldberg as recipient of a Fellowship Association of the University of Minnesota Prize of \$125 for 1954-55 Graduate School

Carol J Olafson as recipient of a Kappa Epsilon Award of \$10 July 1, 1955 College of Pharmacy

Orville F Tschida as recipient of a Lehn and Fink Product Corporation Medal for highest general average rating June 15, 1955 College of Pharmacy

Travis N Olson and Orville F Tschida as recipients of Merck and Company Awards for highest scholastic average in three years of professional work June 15, 1955 College of Pharmacy

Eugene I Isaacson as recipient of a Minnesota State Pharmaceutical Association Scholarship of \$225 for 1955-56 College of Pharmacy

The following as recipients of Captain DeWitt Jennings Payne Memorial Scholarship of \$200 each for 1954-55 English

Barbara S Bach  
Grace E Billings  
Andria E Hourwich

Mary A Janisch as recipient of a Captain DeWitt Jennings Payne Memorial Scholarship of \$150 for 1954-55 English

Helen J Nelson as recipient of a Duluth Association for Retarded Children Scholarship of \$50 for the first summer session of 1955 Duluth Branch

The following as recipients of Ludden Real Estate Prizes in the Freshman-Sophomore Oratorical Contest May 13, 1955 College of Science Literature and the Arts

Ann Long	\$50
Marvin Sektan	30
Arthur R Oleisky	20

Clemens A Roehl as recipient of a Moses Marston Prize of the Fellowship Association of the University of Minnesota of \$75 for 1954-55 English

Sharon Chapman as recipient of a Frank Rarig Scholarship of \$100 for 1955-56 General Education

Robert F Volk as recipient of a Rho Chi Award for the highest ranking sophomore student for 1954-55 College of Pharmacy

Rae C Rasmus as recipient of Sanford Hall Scholarship of \$100 for 1955-56 College of Science Literature and the Arts

Robert E Rydell as recipient of a Southern Minnesota Medical Association Medal and Prize of \$100 May 24, 1955 College of Medical Sciences

Carol A Bloomquist as recipient of a Students Section of the Faculty Womens Club Scholarship of \$100 for 1955-56 School of Chemistry

Marilyn J Larson as recipient of a Tozer Foundation Graduate Scholarship of \$200 for 1955-56 Music

Robert E Lee as recipient of a Tozer Foundation Graduate Scholarship of \$200 for 1955-56 Educational Psychology

William O Reichert as recipient of a Tozer Foundation Graduate Scholarship of \$400 for 1955-56 Political Science

Alfred E Slinkard as recipient of a Tozer Foundation Graduate Scholarship of \$400 for 1955-56 Agronomy and Plant Genetics

Travis N Olson as recipient of a Wulling Club Prize for the second highest general rating in the regular four year course June 11, 1955 College of Pharmacy

J Thomas Johnson as recipient of a Washburn Memorial Award Prize of \$15 May 31, 1955 Duluth Branch

Theodore C Kamatos as recipient of a Washburn Memorial Award Scholarship of \$35 May 31, 1955 Duluth Branch

Voted to approve the following special appointments :

John D Helmberger as Research Fellow Agricultural Economics Research Funds beginning June 1, 1955 at \$398 per month (brother Peter Helmberger Research Assistant Agricultural Economics Research Funds Term AT)

Donald W Olmsted as Research Fellow Office of Naval Research July 1 to September 15, 1955 at \$523 Term CHTX50 (\$5,016 A rate) (wife Ann G Olmsted Instructor Social Science Research Center Term AH50)

Mattie C Avent as Clerk Admissions and Records May 17 to June 30, 1955 at the rate of \$2,100 Term AT (husband James Avent Laborer Physical Plant monthly rate)

Shirley Bjorndahl Usenik Junior Librarian Library Institute of Agriculture at \$3,576 Term AX (married to Edward A Usenik Instructor School of Veterinary Medicine Term A April 23, 1955)

Siu-Ling H Hsu as Laboratory Technologist Agricultural Biochemistry beginning May 3, 1955 at \$1.67 per hour (husband Kuan Jen Hsu Research Fellow Agronomy and Plant Genetics Term AT)

Doris H Campbell as Clerk-Typist Agricultural Extension Service beginning May 11, 1955 at \$175 per month (father-in-law John N Campbell Professor and Head School of Veterinary Medicine Term A and brother-in-law Robert Campbell Instructor Plant Pathology and Botany Term AHX)

Edmond G Bonnell as Assistant Experimental Plot Supervisor Soils Research Funds May 1 to June 30, 1955 at the rate of \$2,652 Term AT (cousin Robert Bonnell Building Caretaker Physical Plant monthly rate)

Dorothy F Haberman as Senior Clerk-Typist Horticulture April 25 to June 30, 1955 at the rate of \$2,532 Term AX (husband Sol Haberman Instructor and Research Assistant Sociology Term C)

Marcella R Becker as Clerk-Typist Agricultural Education June 1-30, 1955 at the rate of \$2,100 Term AX (sister Alice B Carson Principal Secretary Dairy Husbandry Term A)

Esther H Loreen as Clerk-Typist Agricultural Education beginning May 10, 1955 at \$1.01 per hour (husband C Oscar Loreen student Clerk Agricultural Education hourly rate)

Voted to approve the following promotions and transfers :

Maynard E Pirsig from Dean Law School at the rate of \$14,750 Term A to Professor at the rate of \$13,700 Term B beginning September 16, 1955

Page R Edmondson from Research Fellow Medicine Research Funds at \$5,150 Term AT for 1954-55 to Research Associate at \$6,200 Term AT for 1955-56



Ernest D Johnson from Acting County Agricultural Agent Agricultural Extension Service at \$4,800 (\$3,770 University \$1,030 County) Term AHX79 to Assistant County Agricultural Agent at the rate of \$4,800 Term A June 16-30, 1955

Samuel J Deal from Teaching Assistant Bacteriology and Immunology at \$1,404 Term BHT50 to Research Assistant Bacteriology and Immunology Research Funds at \$78 Term CHT50 June 16-30, 1955

Ralph L Suechting from Medical Fellow Surgery with salary paid directly by Veterans Administration Hospital to Research Assistant Surgery Research Funds at the rate of \$3,600 Term AHT96 April 1 to June 30, 1955

Edward P Engels from Medical Fellow Radiology Ancker Hospital Fellowships at \$1,950 plus tuition and fees Term AT to Medical Fellow Pathology Ancker Hospital Fellowships without change in salary rate Term CT January 1 to June 30, 1955

Joan Walters from Research Assistant Graduate School Research Funds at \$1,404 Term BH78 to Research Assistant School of Chemistry Research Funds at the rate of \$1,872 Term AH78 April 16 to June 30, 1955

L Albert Scipio from Scientist for 80% time and Lecturer for 20% time Aeronautical Engineering Rosemount at the rate of \$7,128 Term AT to Scientist without change in salary rate or term for the spring quarter of 1954-55

Eileen J Nycklemoe from Clerk-Typist Comptroller at \$2,100 Term A to Senior Clerk-Typist at the rate of \$2,532 Term AT May 1 to June 30, 1955

Lucille A Skovran from Clerk-Typist Alumni Relations at \$2,100 Term A to Senior Clerk-Typist at the rate of \$2,532 Term A June 15-30, 1955

John H Milne from Millwright Aeronautical Engineering Rosemount at \$4,200 Term AT to General Mechanic Foreman at the rate of \$4,320 Term AT May 1 to June 30, 1955

Bernard P Myers from Millwright Aeronautical Engineering Rosemount at \$4,200 Term AT to General Mechanic Foreman at the rate of \$4,320 Term AT May 1 to June 30, 1955

Christine M Harboe from Clerk-Typist Dairy Husbandry at \$2,100 Term A to Secretary Administration Institute of Agriculture at the rate of \$2,532 Term A May 25 to June 30, 1955

Janet M Bichler from Clerk-Stenographer Soils at \$2,100 Term A to Secretary Agricultural Extension Service at the rate of \$2,532 Term A May 16 to June 30, 1955

Joan S Owens from Clerk-Typist Administration Institute of Technology at \$2,280 Term A to Senior Clerk-Typist Agricultural Extension Service at the rate of \$2,532 Term A May 16 to June 30, 1955

Judith E DeYoung from Clerk-Typist Administration College of Education at \$2,100 Term A to Senior Clerk at the rate of \$2,532 Term A May 9 to June 30, 1955

Elizabeth A Shafer from Senior Clerk-Typist Laboratory of Physiological Hygiene at \$2,532 Term A to Senior Clerk-Typist Radio Broadcasting without change in salary rate Term AT May 9 to June 30, 1955

Clarence S Stewart from Senior General Mechanic Physical Plant at \$3,600 Term A to General Mechanic Foreman at the rate of \$4,320 Term A March 1 to June 30, 1955

Cedric K Williams from Junior Engineer Physical Plant at \$4,680 Term A to Engineer at the rate of \$5,040 Term A April 27 to June 30, 1955

Marie Hartman from Senior Food Service Supervisor Coffman Union Food Service at \$3,720 Term A to Principal Food Service Supervisor at the rate of \$3,768 Term A June 1-30, 1955

Minnie Schnoor from Food Service Worker Coffman Union Food Service at \$2,640 Term A to Salad Maker at the rate of \$2,712 Term A June 9-30, 1955

Barbara O Booth from Clerk-Typist Students Health Service at \$2,100 Term AT to Senior Clerk-Typist at the rate of \$2,532 Term AT June 22-30, 1955

Kathryn F Theis from Senior Clerk-Typist University Press at \$2,604 Term AX to Secretary without change in salary rate or term May 1 to June 30, 1955

Thurley K King from Clerk Audio-Visual Extension Service at \$2,100 Term AT to Assistant Communications Technician at the rate of \$2,592 Term AT May 16 to June 30, 1955

N Gertrude Koll Administrative Secretary Office of the Vice President Business Administration at \$4,200 Term A to serve as Administrative Secretary Seoul National University of Korea Co-operative Project without change in salary rate Term AT May 31 to June 30, 1955

Mildred Ingebritson from Assistant Head Hospital Nurse University of Minnesota Hospitals at \$3,588 Term A to X-Ray Therapist at the rate of \$3,432 Term A May 16 to June 30, 1955

Elizabeth H Lund from Housekeeper University of Minnesota Hospitals at \$2,928 Term A to Hospital Housekeeper at the rate of \$3,216 Term A April 1 to June 30, 1955

Voted to approve the following salary adjustments :

Leland S Bohl Research Associate Physics Research Funds from \$4,000 for 50% time and \$3,000 for 50% time Term AT for 1954-55 to \$4,300 for 50% time and \$3,300 for 50% time Term AT for 1955-56

William F Huch Research Associate Physics Research Funds from \$8,100 Term AT for 1954-55 to \$8,700 Term AT for 1955-56

Raymond W Maas Research Associate Physics Research Funds from \$8,100 Term AT for 1954-55 to \$8,700 Term AT for 1955-56

John E Naugle Research Associate Physics Research Funds from \$6,300 Term AT for 1954-55 to \$6,900 Term AT for 1955-56

Lauren B Granger Lecturer Adult Education in Agriculture from \$6,400 Term AT for 1954-55 to \$6,700 Term AT for 1955-56

Merle K Loken Instructor Physics and Research Funds at \$1,193 Term CT for the spring quarter of 1954-55 to receive \$99 for 50% time Physics Research Funds June 16-30, 1955

Harriett A Campbell Research Fellow School of Public Health Research Funds from \$2,220 Term AHT50 to the rate of \$4,440 Term AT June 1-30, 1955

Theodore J VanderNoot Research Assistant Bureau of Institutional Research Minnesota Nurses Association Study at \$1,248 Term CH50 October 16, 1954 to June 15, 1955 to serve as Research Assistant School of Business Administration Industrial Relations Center Graduate School Research Funds at \$156 Term C June 16-30, 1955

Anne M Peterson Research Assistant Agricultural Biochemistry Research Funds from \$546 Term CHT50 February 16 to May 31, 1955 to \$351 Term CHT75 May 1 to June 15, 1955

William J Edin Carpenter Foreman Physical Plant from \$5,616 Term A to the rate of \$6,032 Term A May 1 to June 30, 1955

Rodney L Magnuson Carpenter Foreman Physical Plant from \$5,616 Term A to the rate of \$6,032 Term A May 1 to June 30, 1955

Reuben Haugan Printing Foreman Printing Department from \$6,317 Term A to the rate of \$6,442 Term A February 1 to May 15, 1955 and to the rate of \$6,444 Term A May 16 to June 30, 1955

Barbara Stein Clerk-Typist Community Program Service at \$2,160 from Term AX to Term A June 1-30, 1955

Agnes Opstad Laboratory Technologist Pathology Research Funds at \$3,960 Term AT to serve for 25% time as Laboratory Technologist Pediatrics Research Funds without change in salary rate or term October 1, 1954 to June 30, 1955

Voted to approve the following leaves of absence:

Tremaine McDowell Professor English sabbatical furlough for 1955-56 to conduct studies of courses and research in American Studies in various colleges and universities in relation to procedures at the University of Minnesota

H Harvard Arnason Professor and Chairman Art sabbatical furlough for 1955-56 to accept a Fulbright Fellowship to study history of sculpture in France

Hugh L Turrittin Professor Mathematics Institute of Technology leave without salary for 1955-56 to accept a Fulbright Award to lecture at the University of Innsbruck, Austria

Richard C Jordan Professor and Head Mechanical Engineering leave with salary September 16 to October 15, 1955 to serve as official delegate of Executive Committee of American Society of Refrigerating Engineers at the Ninth International Congress of Refrigeration in Paris and to present paper on technical program

Harlan E McClure Professor School of Architecture leave without salary for 1955-56 to serve as Head of the Architectural School at Clemson College, South Carolina

Leo G Rigler Professor and Chief Radiology leave without salary for 1955-56 for study and to prepare a monograph and revise a textbook

Herbert McClosky Associate Professor Political Science leave without salary for 1955-56 to accept a Fellowship at the Center for Advanced Study in the Behavioral Sciences at Stanford, California

Charles H McLaughlin Associate Professor Political Science leave without salary for 1955-56 to serve as Visiting Associate Professor at the University of California, Berkeley

Arthur E Naftalin Associate Professor Political Science continuation of leave without salary for 1955-56 to serve as State Commissioner of Administration

George A Warp Associate Professor Political Science leave without salary for 1955-56 to serve with the United Nations as Lecturer on Local and Municipal Government at the School of Public Administration in Rio de Janeiro

Leonard L Harkness Associate Professor State Leader 4-H Club Agricultural Extension Service sabbatical furlough October 5,

1955 to June 23, 1956 to accept graduate fellowship to work toward Master's degree at Harvard University

Robert J Holloway Associate Professor School of Business Administration leave without salary September 16, 1955 to June 15, 1956 to serve at the University of the Philippines under a Foreign Operations Administration contract at Stanford University

Paul H Ptacek Assistant Professor of Speech and Assistant Director Dean of Students Speech and Hearing Clinic leave with salary June 1-15, 1955 for annual military training

G Robert Stange Assistant Professor English leave without salary for 1955-56 to accept a Faculty Fellowship provided by the Fund for the Advancement of Education

Howard F Koeper Assistant Professor School of Architecture leave without salary for 1955-56 to accept a Fulbright grant to Italy

Charles A Simkins Assistant Professor Extension Specialist Soils Agricultural Extension Service leave with salary June 6-17, 1955 for annual military training

Leon Singer Assistant Professor Physiological Chemistry leave without salary June 16 to July 15, 1955 to go to Oak Ridge, Tennessee to learn new techniques and procedures

Margaret M Jacobson Instructor District Supervisor Home Agent Work Agricultural Extension Service sabbatical furlough October 17, 1955 to June 30, 1956 to work towards Master's degree at Cornell University

Boyd C Fuller Instructor Southern School of Agriculture leave without salary October 1, 1955 to March 31, 1956 for graduate work

Marian O Larson McLeod County Home Agent Instructor Agricultural Extension Service sabbatical furlough October 17, 1955 to June 30, 1956 to work towards Master's degree at Cornell University

Oliver H Malmkog Big Stone County Agricultural Agent Instructor Agricultural Extension Service leave with salary May 2 to June 11, 1955 on account of illness

Gerald N Hofmann Medical Fellow Mayo Foundation leave without salary January 16 to June 30, 1955 for military service

Ray H Nielsen Medical Fellow Mayo Foundation on military leave without salary leave to terminate April 1, 1955 (returned from service)

B James Borreson Director Dean of Students Student Activities Bureau on leave without salary leave to terminate June 20, 1955 (returned from leave)

William T Harris, Jr News Editor University Relations leave with salary June 13-24, 1955 for annual military service

William D Trethewey Associate Scientist Mines Experiment Station leave with salary June 13-24, 1955 for annual military service

Eleanor A Kestermann Office Supervisor Comptroller leave without salary April 29 to May 15, 1955 on account of illness

Mildred S Armstrong Senior Clerk-Typist Dean of Students Student Counseling Bureau leave without salary May 5 to June 10, 1955 on account of illness

Arthur W Heyn Laboratory Machinist Aeronautical Engineering Rosemount leave with salary May 4-17, 1955 on account of illness

Bernice H Ascher Laboratory Attendant Bacteriology and Immunology leave without salary June 16-30, 1955 for personal reasons

Jeanne M Ojala Senior Clerk-Typist Medicine leave without salary April 19-22, 1955 on account of illness

Elmyra L Speliacy General Duty Nurse Institute of Child Welfare leave without salary June 13-30, 1955 for personal reasons

Charlene R Mikes Senior Clerk-Typist Extension Classes leave without salary June 1 to September 9, 1955 for marriage

Regina Vijums as Laboratory Technologist Surgery Research Funds leave without salary May 1-15, 1955 pending transfer to new department

William Adams Building Caretaker Physical Plant continuation of leave without salary May 16-17, 1955 on account of injury

Albert Lorenz Assistant Gardener Physical Plant leave with salary May 16-25, 1955 on account of illness

Ellen S Moberg Laundry Worker University Laundry leave without salary May 18-27, 1955 on account of illness

Mary B Black Senior Secretary Physics Research Funds leave without salary June 17-30, 1955 for vacation

Irene K Anderson Laboratory Technologist Physiological Chemistry Research Funds leave without salary June 6-20, 1955 for annual military training

Grace Disch Telephone Operator University of Minnesota Hospitals leave without salary June 17-24, 1955 for travel

Dona J Eder General Staff Nurse University of Minnesota Hospitals continuation of leave without salary May 9-11, 1955 on account of illness

Marian Eliason Assistant Occupational Therapy Supervisor University of Minnesota Hospitals leave without salary July 1 to August 31, 1955 for trip to Europe

Minnie Lotten Secretary University of Minnesota Hospitals 50 per cent time leave without salary May 16-30, 1955 on account of illness

Voted on recommendation of the President to recommend approval of the following list of budget adjustments.

Voted further to approve budget for 1955-56 to contain these budget adjustments with the understanding that the President may make such further adjustments prior to July 1, 1955, as are required to complete the budget including merit, range, and classifications of Civil Service staff under the existing Civil Service plan, and with the understanding that such adjustments will be reported to the Board in the usual manner.

## ACADEMIC SALARY ADJUSTMENTS, 1955-56

### OFFICE OF THE PRESIDENT

		Salary 1954-55		Salary 1955-56
Stanley J Wenberg, Asst to the President .....	A	9,000	A	9,500
Reece McGee, Research Fellow .....	AT	4,200	AT	4,440

### OFFICE OF THE VICE PRESIDENT, ACADEMIC ADMINISTRATION

Malcolm M Willey, Vice President .....	A	16,000	A	16,750
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### OFFICE OF THE VICE PRESIDENT, BUSINESS ADMINISTRATION

William T Middlebrook, Vice President .....	A	16,500	A	17,500
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### OFFICE OF THE COMPTROLLER

Laurence R Lunden, Comptroller, Treasurer, and Assoc Prof .....	A	13,000	A	13,750
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### OFFICE OF THE DEAN OF STUDENTS

#### General

Edmund G Williamson, Dean and Prof of Psychology .....	A	12,000	A	12,500
Martin L Snoke, Inst and Asst to the Dean to Asst Prof of Educational Psychology and Asst Dean .....	AX	6,750	AP	7,350

#### Foreign Student Adviser

Forrest G Moore, Asst Prof of Education and Prin Student Personnel Worker .....	A	6,396	A	7,200
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#### Disciplinary Counseling

LeVerne F Snoxell, Asst Prof of Psychology and Prin Student Personnel Worker .....	A	5,700	A	6,200
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#### Student Counseling Bureau

Ralph F Berdie, Prof of Psychology and Direc- tor .....	A	10,100	A	10,300
Wilbur L Layton, Assoc Prof of Psychology and Asst Director .....	A	7,277	A	8,000
Benjamin Willerman, Assoc Prof of Psychology and Sr Student Personnel Worker .....	A	7,177	A	7,700
Theda Hagenah, Asst Prof of Educational Psy- chology and Asst Director .....	AP	7,042	AP	7,400
Gerhard Neubeck, Asst Prof and Sr Student Personnel Worker .....	B	4,632	AP	6,200
Francis C Gamelin, Asst Prof and Sr Student Personnel Worker .....	AT	6,000	AT	6,200
Vivian H Hewer, Asst Prof and Sr Student Personnel Worker .....	A	6,000	A	6,300

	Salary 1954-55	Salary 1955-56
Thomas M Magoon, Sr Student Personnel Worker to Asst Prof of Psychology and Sr Student Personnel Worker .....	AH50 2,724	AH50 3,384

#### Speech and Hearing Clinic

Ernest H Henrikson, Prof of Speech and Director .....	A 9,250	A 9,500
Paul H Ptacek, Asst Prof of Speech and Asst Director .....	A 6,600	A 7,000
Gordon M Low, Sr Student Personnel Worker to Asst Prof of Speech and Sr Student Personnel Worker .....	A 5,448	A 6,180

#### Coordinator of Students' Religious Activities

Henry E Allen, Prof and Coordinator of Students' Religious Activities .....	A 8,440	A 8,700
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#### OFFICE OF ADMISSIONS AND RECORDS

Robert E Summers, Dean of Admissions and Records and Prof .....	A 11,500	A 12,100
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#### DEPARTMENT OF ALUMNI RELATIONS

Edwin L Haislet, Director of Alumni Relations and Prof .....	A 9,850	A 10,200
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#### DEPARTMENT OF UNIVERSITY RELATIONS

William L Nunn, Director .....	A 13,000	A 13,500
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#### LIBRARY

##### General

Edward B Stanford, Prof and Director of Univ Libraries .....	A 10,750	A 11,500
Harold Russell, Assoc Prof and Asst Director of Univ Libraries .....	A 8,700	A 8,900
Ralph H Hopp, Asst Prof and Asst Director of Univ Libraries .....	A 7,400	A 8,000
John Parker, Prin Librarian to Inst and Curator of The James F Bell Collection .....	A 4,680	A 5,016

##### Reference Department

Blanche Moen, Chief Ref Librarian and Asst Prof to Asst Prof and Chief Ref Librarian .....	A 6,528	A 6,672
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##### Circulation Department

Norma Hovden, Circulation Libr to Asst Prof and Circulation Libr .....	A 5,448	A 6,180
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**Bio-Medical Library**

	Salary 1954-55		Salary 1955-56
Vera M Clausen, Librarian, Bio-Medical Library and Asst Prof to Asst Prof and Librarian, Bio-Medical Library .....	A	5,952	A 6,180

**Departmental Libraries**

Hubert Sauter, Librarian of Engineering Library and Asst Prof to Asst Prof and Librarian, Inst of Technology .....	A	5,448	A 6,180
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**MUSEUM OF NATURAL HISTORY**

Walter J Breckenridge, Director and Prof .....	A	8,750	A 9,250
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**BUREAU OF INSTITUTIONAL RESEARCH**

John E Stecklein, Asst Prof and Asst Director	A	7,008	A 7,350
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**COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS****Administration**

Errett W McDiarmid, Dean and Prof .....	A	13,600	A 14,100
Roger B Page, Asst Dean and Assoc Prof .....	A	8,700	A 9,000

**(Junior College)**

Russell M Cooper, Asst Dean and Prof .....	A	10,750	A 11,000
James McKnight, Inst .....	AH50	2,385 (4,770A)	CHT* 3,115 (5,016A)
Robert E Lee, Inst .....	AHT67	3,300	AHT67 3,400
Ruth Westlund, Inst .....	BHT33	1,193 (3,578)	CHT* 3,115 (5,016A)

\* 33 per cent July 1 to 31, 67 per cent August 1 to June 15; 33 per cent June 16 to 30

**(Senior College)**

J William Buchta, Assoc Dean and Prof .....	A	13,000	A 13,500
Mabel Powers, Asst Prof .....	A	6,200	A 6,350
Thomas C Laughlin, Inst .....	A	4,770	A 5,016
Kenneth Kirkpatrick, Inst .....	AH50	2,385	BHX50 2,508
Elvet G Jones, Inst .....	AH50	2,385	BH50 2,508

**Anthropology**

E Adamson Hoebel, Prof and Chairman .....	B	9,250	B 10,000
Lloyd A Wilford, Prof .....	A	7,240	A 7,400
Robert F Spencer, Assoc Prof .....	B	6,600	B 7,000

**Astronomy**

Willem J Luyten, Prof and Chairman .....	B	8,600	B 9,000
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**Botany**

Ernst C Abbe, Prof .....	B	8,500	B 9,000
Donald B Lawrence, Prof .....	B	8,030	B 8,530
Allan H Brown, Prof .....	B	7,330	B 8,900
Albert W Frenkel, Assoc Prof to Prof .....	B	6,300	B 6,800



	Salary 1954-55	Salary 1955-56
Gerald B Ownbey, Assoc Prof and Curator of Herbarium .....	B 6,300	B 6,800
John W Hall, Asst Prof .....	B 5,200	BP 5,700
Thomas Morley, Asst Prof .....	B 5,245	BP 5,645

#### Classics

Norman J DeWitt, Prof and Chairman .....	B 8,500	B 9,200
William A McDonald, Assoc Prof .....	B 7,300	B 7,800
Margaret M Forbes, Asst Prof .....	BH90 3,969	BH90 4,600

#### English

Theodore Hornberger, Prof and Chairman.....	B 9,000	B 9,500
John W Clark, Prof .....	B 6,760	B 7,000
William Van O'Connor, Assoc Prof to Prof.....	B 6,300	B 6,800
Leonard Unger, Assoc Prof .....	B 5,870	B 6,270
Bernard Bowron, Assoc Prof .....	B 5,970	B 6,370
Leo Marx, Assoc Prof .....	B 5,695	B 6,095
Mary Turpie, Asst Prof .....	BP 5,000	BP 5,300
Martin Steinmann, Jr, Asst Prof .....	B 4,580	BP 4,635
Murray Krieger, Asst Prof to Assoc Prof.....	B 5,115	B 5,615
Frances K del Plaine, Asst Prof .....	BP 4,685	BP 4,885
Ruth Christie, Asst Prof .....	BP 4,685	BP 4,885
Frank Buckley, Asst Prof .....	BP 4,815	BP 5,115
G Robert Stange, Asst Prof to Assoc Prof.....	B 5,315	B 5,815*
Clyde Enroth, Inst .....	BT 3,578	B 3,872
Clifford Haga, Inst to Asst Prof .....	BP 4,203	BP 4,635
Hans C Aarsleff, Inst .....	BH67 2,385	BH67 2,708
Julian Markels, Inst .....	BHX67 2,385	BHX67 2,708
Clell Peterson, Inst .....	BH67 2,385	BH67 2,708
Roland P Dille, Inst .....	BHX67 2,385	BHX67 2,708
Donald J Hogan, Inst .....	BHX67 2,385	BHX50 1,881

\* Leave without salary

#### Art

Dimitri T Tselos, Prof and Acting Chairman to Prof .....	B 8,500	B 8,700*
Walter W Quirt, Assoc Prof .....	B 6,000	B 6,400
Elmer E Young, Assoc Prof .....	B 5,600	B 6,000
Donald Torbert, Assoc Prof to Assoc Prof and Acting Chairman .....	B 5,600	B 5,900
Hylton A Thomas, Asst Prof .....	B 4,800	B 5,100
Bernard P Arnest, Asst Prof to Assoc Prof.....	BP 5,600	B 6,100
Josephine L Rollins, Asst Prof .....	BP 4,800	BP 5,200
Robert Collins, Asst Prof .....	B 4,900	BP 5,200
Allen Downs, Asst Prof to Assoc Prof.....	BP 5,400	B 6,000
Cameron Booth, Lecturer .....	B 5,400	B 5,800
Jerome Liebling, Inst to Asst Prof .....	B 4,300	B 4,700

\* Sabbatical furlough

#### Geography

John C Weaver, Prof .....	B 8,900	B 9,500*
John R Borchert, Assoc Prof .....	B 6,700	B 7,200
Robert C Eidt, Inst .....	B 4,100	B 4,500

\* Sabbatical furlough

### Geology and Mineralogy

	Salary 1954-55		Salary 1955-56
George M Schwartz, Prof .....	B 9,450	B	9,800
Frederick Swain, Jr, Assoc Prof to Prof .....	B 7,500	B	8,000
Herbert E Wright, Jr, Assoc Prof .....	B 6,950	B	7,450
Robert E Sloan, Asst Prof .....	B 4,750	B	5,350

### German

Herman Ramras, Assoc Prof and Acting Chairman to Assoc Prof and Chairman .....	B 6,100	B	6,500
Lynwood G Downs, Assoc Prof to Prof .....	BP 7,200	B	7,600
Gina Wangsness, Asst Prof to Assoc Prof .....	B 4,635	B	5,035
Frederick L Pfeiffer, Asst Prof to Assoc Prof .....	BP 5,600	B	6,050
Edwin F Menze, Asst Prof to Assoc Prof .....	BP 5,400	B	5,750
Alvin Prottengeier, Asst Prof .....	BP 4,500	BP	4,800

### History

Herbert Heaton, Prof and Chairman .....	B 10,000	B	10,500
Alfred L Burt, Prof .....	B 9,080	B	9,300
John B Wolf, Prof .....	B 8,000	B	8,600
Lawrence D Steefel, Prof .....	B 7,380	B	7,700
David H Willson, Prof .....	B 7,300	B	7,800
Philip D Jordan, Prof .....	B 7,330	B	7,600
Tom B Jones, Prof .....	B 8,000	B	8,600
Faith Thompson, Prof .....	B 6,200	B	6,500
Clarke Chambers, Asst Prof .....	B 5,300	B	6,000
David W Noble, Inst to Asst Prof .....	B 4,200	B	4,635

### School of Journalism

Ralph D Casey, Prof and Director .....	B 10,800	B	11,500
James E Gerald, Prof .....	B 9,400	B	9,900
Mitchell V Charnley, Prof .....	B 9,500	B	9,900
Raymond B Nixon, Prof .....	B 9,400	B	9,800
W Edwin Emery, Jr, Prof .....	B 7,200	B	7,700
Robert L Jones, Assoc Prof .....	B 7,100	B	7,600
Edwin H Ford, Assoc Prof .....	B 6,000	B	6,200
Harold W Wilson, Assoc Prof .....	B 5,690	B	6,090
Fred L Kildow, Assoc Prof .....	B 7,080	B	7,280
Jack B Haskins, Inst .....	B 3,913	B	4,013
George S Hage, Inst .....	B 5,000	BX	5,600
Roger C Perry, Inst .....	B 5,013	B	5,413

### School of Social Work

John C Kidneigh, Prof and Director .....	A 11,000	A	11,500
Lyndell N Scott, Assoc Prof to Prof .....	BT 7,000*	B	7,500
Werner Boehm, Assoc Prof .....	B 6,380	B	6,500
Verval Mueller, Assoc Prof .....	B 6,180	B	6,500
Malcolm B Stinson, Assoc Prof .....	B 6,580	B	6,800
Gisela Konopka, Assoc Prof .....	B 6,180	B	6,500
Dorothy Whitmore, Assoc Prof .....	B 5,800	B	6,100
Ruby B Pernell, Assoc Prof .....	B 5,350	B	5,800
Henriette E Saloshin, Assoc Prof .....	B 5,200	B	5,900
Maurice F Connery, Asst Prof .....	B 5,900	BP	6,100
Helen J Yesner, Asst Prof .....	BP 4,595	BP	4,800
Anne W Oren, Inst .....	B 4,173	B	4,300

	Salary 1954-55	Salary 1955-56
O Alta Quello, Inst .....	B 4,513	B 4,613
Beulah E R Compton, Inst .....	B 4,113	B 4,613

\* Research funds

### Mathematics

Robert H Cameron, Prof .....	B 10,000	B 11,000
John M H Olmsted, Assoc Prof to Prof .....	B 6,550	B 7,000
Elizabeth Carlson, Assoc Prof .....	B 5,950	B 6,200
Gerhard K Kalisch, Assoc Prof .....	B 6,300	B 6,700*
Monroe D Donsker, Assoc Prof .....	B 6,200	B 6,700
Bernard R Gelbaum, Assoc Prof .....	B 6,200	B 6,600
Evar D Nering, Asst Prof .....	BP 5,535	BP 6,000
Warren S Loud, Asst Prof .....	BP 5,850	BP 6,000*
Steven Orey, Inst .....	B 4,200	B 4,500

\* Sabbatical furlough

### Music

Arthur B Jennings, Assoc Prof and University Organist to Prof and University Organist .....	B 6,180	B 6,500
Johannes Riedel, Asst Prof .....	BX 5,060	B 5,500
Mary Malcolm, Asst Prof to Assoc Prof .....	BP 5,000	B 5,500
Earl V Rymer, Asst Prof to Assoc Prof .....	B 5,400	B 5,800
Paul Fetler, Inst .....	B 5,098	B 5,500
Gale Sperry, Asst Bandmaster and Inst .....	B 3,990	B 4,300
Edward Berryman, Inst .....	BH50 1,956	BH50 2,100

### General Studies

Ralph G Ross, Prof .....	B 8,400	B 8,700
George Amberg, Assoc Prof .....	B 6,500	B 6,700
Jay Vogelbaum, Lecturer to Asst Prof .....	BX 4,600	B 5,000
Robert Ames, Asst Prof .....	BP 4,800	BP 5,000
Clement Ramsland, Asst Prof .....	BP 4,410	BP 4,800
Daniel Bryan, Asst Prof .....	BP 4,650	BP 5,000
Stanley F Paulson, Asst Prof .....	B 4,410	B 5,000
Mary B Pulleyn, Inst .....	BH67 2,385	BH67 2,508
Eleanor Luckey, Inst .....	BHX50 1,789	BH50 1,881
Jules Chamezky, Inst .....	BT 3,578*	BH67 2,508
Richard McHughston, Inst .....	BH67 2,385	BH67 2,508
Robert Weber, Inst .....	BH33 1,193	BH67 2,508
John V Jensen, Inst .....	BH67 2,385	BH67 2,508
Robert O'Hara, Inst .....	BH67 2,385	BH67 2,508
Norma Schmutz, Inst .....	BH67 2,385	BH67 2,508
Rigoberto Juarez-Paz, Inst .....	BH50 1,789	BH50 1,881

\* English and General Studies

### Philosophy

Wilfrid S Sellars, Prof and Chairman .....	B 8,200	B 8,600
Herbert Feigl, Prof .....	B 9,200	B 9,800
Paul L Holmer, Assoc Prof to Prof .....	B 5,900	B 6,400
John Hospers, Assoc Prof .....	B 5,650	B 5,800
D Burnham Terrell, Inst to Asst Prof .....	B 4,373	B 4,800
Francis V Raab, Inst .....	B 4,000	B 4,350

### Physics

Alfred O C Nier, Prof and Chairman .....	B 11,300	B 12,000
C N Wall, Prof .....	B 7,800	B 8,200
Joseph Valasek, Prof .....	B 7,280	B 7,600

	Salary 1954-55		Salary 1955-56
John H Williams, Prof .....	B 10,700	B	11,400
Edward L Hill, Prof .....	B 7,780	B	8,100
John R Winckler, Assoc Prof .....	B 6,800	B	7,200
Edward P Ney, Assoc Prof to Prof .....	B 8,500	B	9,100
J Morris Blair, Asst Prof to Assoc Prof .....	B 6,400	B	6,900
George Freier, Asst Prof to Assoc Prof .....	B 6,400	B	6,900
Lawrence Johnston, Asst Prof .....	BT 5,600	B	6,000
Norton M Hintz, Asst Prof .....	BX 5,400	B	6,000
Warren B Cheston, Asst Prof .....	B 5,000	B	6,000

#### Political Science

Lloyd M Short, Prof, Chairman and Director.....	B 10,500	B	11,000
Lennox A Mills, Prof .....	B 7,680	B	8,180
Benjamin E Lippincott, Prof .....	B 7,680	B	8,180
Asher N Christensen, Prof .....	B 7,900	B	8,400
Werner Levi, Prof .....	B 7,100	B	7,300*
Charles H McLaughlin, Assoc Prof .....	B 7,000	B	7,200**
Herbert McClosky, Assoc Prof .....	B 6,480	B	6,900**
Arthur E Naftalin, Assoc Prof .....	B 6,780	B	7,000**
Mulford Q Sibley, Assoc Prof .....	B 7,000	B	7,200
John E Turner, Asst Prof .....	B 5,000	B	5,500

\* Leave without salary fall quarter

\*\* Leave without salary

#### (Public Administration Center)

George A Warp, Assoc Prof and Assoc Director .....	B 6,380	B	6,800
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#### Psychology

Paul E Meehl, Prof and Chairman .....	B 8,700	B	9,500
Charles Bird, Prof .....	B 8,230	B	8,730
Miles A Tinker, Prof .....	B 8,300	B	8,800
William T Heron, Prof .....	B 7,400	B	7,900*
Howard Longstaff, Prof .....	B 7,730	B	8,230
Kenneth E Clark, Assoc Prof to Prof .....	B 7,700	B	9,500
Stanley Schachter, Assoc Prof .....	B 6,000	B	6,800
Wallace A Russell, Asst Prof to Assoc Prof .....	BP 5,885	B	6,545
James J Jenkins, Asst Prof .....	B 5,945	BP	6,545
Walter O Jewell, Inst .....	BHX50 1,789	BHX25	941
Clifton W Gray, Inst .....	BHX50 1,789	BHX50	1,881

\* Sabbatical furlough

#### Romance Languages

Walter T Pattison, Prof and Chairman .....	B 8,300	B	9,000
Raymond L Grismer, Prof .....	B 7,680	B	7,980
Elizabeth Nissen, Assoc Prof .....	B 5,780	B	6,080
Guy Desgranges, Assoc Prof .....	B 6,000	B	6,500
Emmert M Brackney, Assoc Prof .....	B 6,480	B	6,800
Eugene H Falk, Assoc Prof .....	B 6,500	B	6,800
Rodolfo O Floripe, Asst Prof to Assoc Prof .....	BP 5,535	B	6,035
John M Sullivan, Asst Prof .....	BP 4,410	BP	4,635
Harry L Butler, Inst .....	B 3,578	B	3,962
Angel Vazquez, Inst .....	B 3,578	B	3,762
Dorothy Rundorff, Inst .....	BH93 3,328	B	3,762
	(3,578B)		
John W Pulleyn, Jr, Inst .....	B 3,578	B	3,762

## Sociology

	Salary 1954-55		Salary 1955-56
Elio D Monachesi, Prof and Chairman .....	B 9,600	B	10,200
George B Vold, Prof .....	B 8,300	B	8,500
Arnold Rose, Prof .....	B 8,000	B	8,400
Don Martindale, Prof .....	B 7,000	B	7,500
John Sirjamaki, Assoc Prof .....	B 6,500	B	7,000
Henry W Riecken, Jr, Assoc Prof .....	B 7,500	B	8,000
Roy G Francis, Asst Prof .....	B 5,335	B	5,800
Marvin J Taves, Asst Prof .....	B 4,500	B	5,000
George A Donohue, Inst to Asst Prof .....	BX 4,200	B	4,700

## Speech and Theater Arts

William S Howell, Prof and Chairman .....	B 7,050	B	7,600
Bryng Bryngelson, Prof .....	B 8,300	B	8,450
Howard Gilkinson, Prof .....	B 8,050	B	8,450
Donald K Smith, Assoc Prof .....	B 5,850	B	6,450
David W Thompson, Assoc Prof .....	B 5,950	B	6,250
William W Fletcher, Asst Prof to Assoc Prof .....	B 5,350	B	5,850
David H Welker, Inst .....	BH50 1,789	BH50	1,881
Audley M Grossman, Jr, Inst .....	BH50 1,789	BH50	1,881
Roswell D Otto, Inst .....	BH67 2,386	BH67	2,508
John Bystrom, Inst .....	BH67 2,386	BH67	2,508
Paul Cashman, Inst .....	BH50 1,789	BH50	1,881
Erhart A Schinske, Inst .....	BH50 1,789	BH50	1,881
Robert G Smith, Inst .....	BH33 1,193	BH33	1,254

## (University Theatre)

Frank Whiting, Prof .....	B 8,050	B	8,450
Kenneth L Graham, Assoc Prof .....	B 5,980	B	6,450
Phillip Smith, Inst .....	BH50 1,789	BH50	1,881

## Zoology

Otto H Schmitt, Prof .....	B 8,430	B	8,830
Sheldon C Reed, Prof and Director of Dight Institute .....	A 9,740	A	10,000
Nelson T Spratt, Jr, Prof .....	B 8,200	B	8,600
Franklin G Wallace, Assoc Prof .....	B 6,830	B	7,130
Dwain W Warner, Asst Prof .....	AP 6,800	AP	7,100
David J Merrell, Asst Prof .....	BP 5,800	BP	6,100
Grover C Stephens, Inst to Asst Prof .....	B 4,900	B	5,400
Joseph G Gall, Inst to Asst Prof .....	B 4,600	B	5,300

## Slavic and Oriental Languages

Thomas F Magner, Asst Prof and Chairman .....	B 5,600	BP	6,000
Richard B Mather, Asst Prof .....	BP 5,535	BP	5,835
Pearl Niemi, Asst Prof .....	BP 4,410	BP	4,700*
Marthe Blinoff, Asst Prof .....	B 4,700	B	5,000*

\* Sabbatical furlough

## International Relations and Area Studies

Philip Siegelman, Res Fellow .....	BH50 1,789	BH50	2,000
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## Library School

David K Berninghausen, Assoc Prof and Direc- tor to Prof and Director .....	A 8,600	A	9,200
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# INSTITUTE OF TECHNOLOGY

## Administration

	Salary 1954-55		Salary 1955-56
Athelstan F Spilhaus, Dean and Prof .....	A	14,750	A     15,500

## Aeronautical Engineering

John D Akerman, Prof, Head and Director, Rosemount Aeronautical Res Laboratories.....	B	10,000	B     10,600
Ralph H Upson, Prof .....	BH80	7,500	BH80   7,700
Rudolf Hermann, Prof .....	B	8,500	B     9,200
Chieh-Chien Chang, Prof .....	B	9,000	B     9,200
Eugene Stolarik, Assoc Prof .....	B	6,900	B     7,100
Alfred E Cronk, Assoc Prof .....	B	6,200	B     6,900
Walter S Bradfield, Jr, Lecturer .....	BH80	5,300	BH80   5,425

## School of Architecture

Ralph Rapson, Prof and Head .....	B	11,000	B     11,200
Winston A Close, Prof and Advisory Architect	A	10,000	A     10,200
Robert G Cerny, Prof .....	BH80	7,200	BH80   7,500
Walter K Vivrett, Assoc Prof .....	B	6,100	B     6,300
Donald C Heath, Asst Prof to Assoc Prof .....	BP	5,900	B     6,100
Robert L Bliss, Asst Prof .....	B	5,500	B     5,800
Howard F Koeper, Asst Prof .....	B	5,200	B     5,500*
W Brooks Cavin, Lecturer .....	BH40	2,600	BH40   2,700
Carl O Graffunder, Lecturer .....	BH50	3,200	BH50   3,300
Norman C Nagle, Lecturer .....	BH60	3,420	BH60   3,600
Benjamin A Gingold, Lecturer .....	BH60	2,400	BH60   2,500

\* Leave without salary

## Civil Engineering and Hydraulics

### (Civil Engineering and Hydromechanics)

Lorenz G Straub, Prof, Head, and Director .....	B	12,000	B     12,500
George J Schroeffer, Prof .....	B	9,000	B     9,200
Henryk P Herbich, Visiting Prof .....	BHX67	6,120	BHX67   6,320
Paul Andersen, Prof .....	B	8,800	B     9,000
Joseph A Wise, Prof .....	B	7,380	B     7,580
Miles S Kersten, Prof .....	B	6,900	B     7,500
Theodore W Thomas, Assoc Prof .....	B	6,300	B     6,600
Walter T Graves, Asst Prof .....	BP	5,700	BP     6,200
Russel M Cornell, Asst Prof .....	BP	5,000	BP     5,300
Jesse E Fant, Asst Prof .....	B	4,500	BP     5,035
Norman R Ziemke, Inst .....	B	4,200	B     4,400
Charles O Georgi, Lecturer .....	BX	4,680	BX     4,900

### (St. Anthony Falls Hydraulic Laboratory)

John F Ripken, Prof .....	B	6,900	B     7,100
Edward Silberman, Assoc Prof .....	B	6,000	B     6,400
Alvin G Anderson, Asst Prof .....	BP	6,000	BP     6,300

## Drawing and Descriptive Geometry

Henry C T Eggers, Prof and Head .....	B	7,800	B     8,000
Howard D Myers, Prof .....	B	7,200	B     7,500
Orrin W Potter, Prof .....	B	6,800	B     7,200
Robert F Schuck, Assoc Prof .....	B	6,500	B     6,800
Steve S Barich, Asst Prof .....	AP	6,800	AP     7,400

	Salary 1954-55		Salary 1955-56	
Lewis G Palmer, Asst Prof .....	BP	5,500	BP	5,800
William S Williams, Asst Prof .....	BP	4,945	BP	5,145
Lloyd J Quaid, Asst Prof .....	BP	4,945	BP	5,145
Paul W Bullen, Asst Prof .....	BP	5,000	BP	5,300
Richard D Springer, Asst Prof .....	BP	5,000	BP	5,300
William A Kleinhenz, Asst Prof .....	B	4,700	BP	5,000
Jack A Lown, Inst .....	B	4,000	B	4,200
Frank A Raley, Inst .....	B	3,578	B	4,000
Evan B Merz, Inst .....	B	3,578	B	4,000
George B Richter, Inst .....	B	3,578	B	4,000
John N Clausen, Inst .....	BTX	3,578	B	4,000
Floyd W Johnson, Inst .....	B	3,578	B	3,762
Charles W McIntosh, Inst .....	B	3,578	B	3,762
Ralph P Norman, Inst .....	BT	3,578	BT	3,762

### Electrical Engineering

Henry E Hartig, Prof and Head .....	B	11,000	B	11,500
William G Shepherd, Prof and Assoc Dean .....	A	13,000	A	13,500
Elmer W Johnson, Prof and Asst Dean .....	A	9,500	A	9,750
Aldert van der Ziel, Prof .....	B	9,000	B	9,300
Loyst C Caverley, Prof .....	B	7,480	B	7,600
John H Kuhlmann, Prof .....	B	7,480	B	7,600
LeRoy T Anderson, Assoc Prof .....	B	7,000	B	7,220
Lawrence A Harris, Assoc Prof .....	B	6,300	B	6,600
O William Muckenhirn, Assoc Prof .....	B	6,030	B	6,115
Adrianus J Dekker, Assoc Prof .....	B	6,700	B	7,000
Robert F Lambert, Asst Prof to Assoc Prof .....	B	5,200	B	6,000
Allan H Morrish, Res Assoc to Assoc Prof .....	AT	7,200	B	6,000
Paul A Cartwright, Asst Prof .....	BP	6,000	BP	6,215
Arnold H Koschmann, Asst Prof .....	BX	5,200	B	5,400
Maoling Liu, Inst to Asst Prof .....	B	4,113	B	4,635
Gordon J Murphy, Inst .....	BT	4,213	B	4,500
Bernard V Haxby, Inst .....	B	4,113	B	4,450
Katsunori Shimada, Inst .....	BT	3,578	BT	3,762
Philip N Hess, Inst .....	BT	4,213	BT	4,350
Andrew O Jensen, Inst .....	BTX	3,678	BT	3,762
Se Puan Yu, Res Fellow .....	AT	4,200	AT	4,440

### Mathematics

Stefan E Warschawski, Prof and Head .....	B	9,750	B	10,250
Hugh L Turriffin, Prof .....	B	7,800	B	8,000*
Hugh B Wilcox, Prof .....	B	7,500	B	7,800
Paul C Rosenbloom, Assoc Prof to Prof .....	B	7,200	B	8,000
Arthur N Milgram, Assoc Prof to Prof .....	B	7,200	B	8,000
Fulton Koehler, Assoc Prof .....	B	6,800	B	7,200
Edward S Loye, Assoc Prof .....	B	6,200	B	6,600
James B Serrin, Jr, Asst Prof .....	B	5,400	B	6,000
Watson B Fulks, Asst Prof .....	BP	5,500	BP	5,900
William D Munro, Asst Prof .....	BP	5,450	BP	5,800
Hidehiko Yamabe, Asst Prof .....	B	5,500	B	5,700
Henry D Block, Asst Prof .....	B	5,400	B	5,600
Leon W Green, Asst Prof .....	B	4,800	B	5,200
James E Thompson, Asst Prof .....	BP	4,600	BP	4,900
Frank Polansky, Asst Prof .....	BP	4,535	BP	4,635
Bernard W Lindgren, Inst .....	B	4,500	B	4,800

	Salary 1954-55		Salary 1955-56	
George U Brauer, Inst .....	B	4,200	B	4,400
Chih-Yi Wang, Inst .....	BT	4,000	BT	4,300
David Zeitlin, Inst .....	B	3,578	B	3,762
Roy A Jorgensen, Inst .....	BHT67	2,567	BHT67	2,667
William A Harris, Jr, Inst .....	BH50	1,800	BH67	2,508
Richard K Juberg, Inst .....	BH50	1,800	BH50	1,881
William D Serbyn, Inst .....	BH50	1,840	BH50	1,881
Leonard Gross, Inst .....	BH50	1,800	BH50	1,881
Roger N Pederson, Inst .....	BH50	1,800	BH50	1,881
Sylvan D Burgstahler, Inst .....	BH50	1,800	BHX50	1,881

\* Leave without salary

### Mechanical Engineering

Richard C Jordan, Prof and Head .....	B	9,500	B	10,000
David J Sutton, Inst and Asst to the Head .....	A	5,000	A	5,300
Ernst R G Eckert, Prof .....	B	9,500	B	11,500
Axel B Algren, Prof .....	B	8,200	B	8,700
Clarence E Lund, Prof .....	B	8,000	B	8,500
James J Ryan, Prof .....	B	7,300	BH67	6,000
				(9,000)
Fulton Holtby, Assoc Prof .....	B	6,930	B	7,100
Thomas P Hughes, Asst Prof to Assoc Prof .....	BP	5,200	B	5,400
Gayle W McElrath, Asst Prof to Assoc Prof .....	BP	5,600	B	5,850
James L Threlkeld, Assoc Prof .....	B	5,600	B	5,850
Homer T Mantis, Assoc Prof .....	B	5,700	B	6,000
Thomas Murphy, Assoc Prof .....	B	6,300	B	6,600
Mohamed El-Wakil, Asst Prof .....	BT	5,000	B	5,500
Warren E Ibele, Asst Prof .....	B	5,100	BP	5,700
Herald K Palmer, Asst Prof .....	BP	4,905	BP	5,005
Adolph O Lee, Asst Prof .....	BP	5,700	BP	5,800
Bert A Crowder, Asst Prof .....	BP	5,095	BP	5,195
Otis M Larsen, Asst Prof .....	BP	5,245	BP	5,450
James P Hartnett, Asst Prof .....	B	5,000	B	5,600
Wallace Ito, Asst Prof .....	BT	5,000	BT	5,200
Edward W Rosencrants, Inst .....	B	3,578	B	3,762
Thomas F Irvine, Jr, Inst .....	B	3,613	B	3,900
Walter O Carlson, Inst .....	BT	3,578	BT	3,762
Jerome H McGough, Inst .....	BHT75	2,684	BHT75	2,822
James L Lundy, Inst .....	BHT75	2,684	BHT75	3,000
Robert D Turnacliiff, Inst .....	BHT75	2,700	BHT75	2,900
Lester J Nypan, Inst .....	CHT50*	1,568	BHT75	2,822
		(3,578B)		(3,762B)
Howard N McManus, Inst .....	BHT75	2,684	BHT75	2,822
Stanley Block, Lecturer .....	B	4,600	B	5,000
John C Scheib, Jr, Lecturer .....	B	4,800	B	4,900
Robert Lander, Res Fellow .....	B	3,773	B	4,000
Donald W Fenne, Res Fellow .....	A	4,770	A	5,016

\* October 20, 1954 to June 15, 1955

### Mechanics and Materials

Benjamin J Lazan, Prof and Head .....	B	9,750	B	10,750
Harry A Doeringsfeld, Prof .....	B	6,800	B	7,100
Forrest E Miller, Prof .....	B	6,800	B	6,900
Lawrence E Goodman, Prof .....	B	7,200	B	7,700
Franz H Vitovec, Asst Prof .....	B	5,500	B	5,800



**School of Chemistry  
(General)**

	Salary 1954-55		Salary 1955-56
Bryce L Crawford, Jr, Prof and Head .....	B	10,000	B 11,000
Stuart W Fenton, Asst Prof to Asst Prof and Assoc Chairman .....	B	5,700*	B 6,700

\* Organic Division

**(Inorganic Division)**

Paul R O'Connor, Assoc Prof and Chief .....	B	7,500	B 8,500
Gladstone B Heisig, Prof .....	B	7,250	B 7,500*
Norville C Pervier, Prof .....	B	6,700	B 7,200
Thomas D O'Brien, Assoc Prof .....	B	7,150	B 7,500
Otto H Johnson, Assoc Prof .....	B	6,550	B 7,050
Robert C Brasted, Assoc Prof .....	B	6,450	B 7,050
Wesley N Herr, Assoc Prof .....	B	6,350	B 6,700
Z Zimmerman Hugus, Jr, Asst Prof .....	B	5,700	B 6,200
Warren L Reynolds, Inst .....	BX	4,500**	BX 5,000

\* Sabbatical furlough  
\*\* Analytical Division

**(Analytical Division)**

Izaak M Kolthoff, Prof and Chief .....	B	12,000	B 12,500
Ernest B Sandell, Prof .....	B	8,500	B 9,000
Edward J Meehan, Prof .....	B	8,000	B 8,500
Stanley Bruckenstein, Inst to Asst Prof .....	BX	4,500	B 5,250

**(Organic Division)**

Lee I Smith, Prof and Chief .....	B	12,000	B 12,500
Walter M Lauer, Prof .....	B	9,000	B 9,500
C Frederick Koelsch, Prof .....	B	9,000	B 9,500
William E Parham, Assoc Prof to Prof .....	B	7,000	B 8,000
Wayland E Noland, Asst Prof .....	B	5,200	B 5,700

**(Physical Division)**

William N Lipscomb, Prof and Chief .....	B	8,000	B 9,000
Lloyd H Reyerson, Prof .....	B	11,000	B 11,300
Robert S Livingston, Prof and Acting Chief to Prof .....	B	9,250	B 9,750
Rufus W Lumry, Assoc Prof .....	B	5,750	B 6,500
John E Wertz, Assoc Prof .....	B	5,950	B 6,250
Stephen Prager, Asst Prof .....	B	5,450	B 6,000

**Chemical Engineering**

Neal R Amundson, Prof and Head .....	B	8,750	B 9,750
Edgar L Piret, Prof and Acting Head to Prof .....	B	10,000	B 10,300
Arthur E Stoppel, Prof .....	B	7,180	B 7,500
Herbert S Isbin, Assoc Prof .....	B	7,000	B 7,750
Arthur Madden, Asst Prof to Assoc Prof .....	BP	6,100	B 6,700
George W Preckshot, Asst Prof .....	BP	6,100	BP 6,700
Albert P Earle, Asst Prof .....	B	5,135	B 5,250

**School of Mines and Metallurgy**

Thomas L Joseph, Prof and Asst Dean to Prof .....	B	10,200	B 10,500
Strathmore R B Cooke, Prof .....	B	8,380	B 8,700
Eugene P Pfeider, Assoc Prof to Prof .....	B	6,800	B 7,600
Henry S Jerabek, Assoc Prof .....	B	5,680	B 6,000

	Salary 1954-55		Salary 1955-56	
Gust Bitsianes, Asst Prof to Assoc Prof .....	BP	4,935	B	6,000
Washington D Lacabanne, Asst Prof .....	BP	5,535	BP	5,650
Harold M Mooney, Asst Prof .....	BP	5,935	BP	6,200
Donald H Yardley, Asst Prof .....	B	5,000	BP	6,000
William B F Mackay, Asst Prof .....	BP	4,700	BP	5,000

#### Mines Experiment Station

Norman F Schulz, Res Assoc .....	AT	6,100	A	6,500
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### INSTITUTE OF AGRICULTURE

#### Administration (Dean's Office)

Harold Macy, Dean of the Inst of Agric and Prof of Bacteriology .....	A	14,750	A	15,500
Theodore H Fenske, Asst Dean and Prof .....	A	12,500	A	13,100

#### (Information Service)

Harold B Swanson, Assoc Prof, Editor .....	A	7,800	A	8,100
Harry R Johnson, Inst and Information Special- ialist .....	A	4,770	A	5,016

#### Library

Harald Ostvold, Librarian of the Agric Library and Asst Prof to Asst Prof and Librarian of the Institute of Agric .....	A	6,240	A	6,456
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#### College of Agriculture, Forestry, and Home Economics

Austin A Dowell, Director of Resident Instruc- tion and Asst Dean, Prof of Agricultural Economics .....	A	12,500	A	13,100
Keith N McFarland, Inst and Asst to Director of Resident Instruction to Assoc Prof and Asst to Director of Resident Instruction .....	AX	6,300	A	7,200

#### Agricultural Economics

Oscar B Jesness, Prof and Head .....	A	12,040	A	12,500
Willard W Cochrane, Prof .....	A	9,000	A	9,200
Philip M Raup, Prof .....	A	8,900	A	9,100
E Fred Koller, Prof .....	A	10,100	A	10,700
George A Pond, Prof .....	A	8,940	A	9,440
Selmer A Engene, Assoc Prof .....	A	7,800	A	8,300
Rex W Cox, Assoc Prof .....	A	7,400	A	7,900
Truman Nodland, Asst Prof .....	AP	6,750	AP	7,050
Reynold P Dahl, Asst Prof .....	A	5,880	A	6,180
Royce A Hinton, Inst .....	A	4,770	A	5,016
Percy M Lowe, Inst .....	BP	4,038	BP	4,200
Arvid C Knudtson, Inst .....	A	4,770	A	5,016
Martin K Christiansen, Res Fellow to Inst .....	AT	4,770	A	5,016

#### Agricultural Engineering

Arthur J Schwantes, Prof and Head .....	A	10,640	A	10,900
Andrew Hustrulid, Prof .....	A	9,000	A	9,400
Philip W Manson, Prof .....	A	8,700	A	9,100

		Salary 1954-55		Salary 1955-56
Charles K Otis, Prof .....	A	8,000	A	8,200
Evan R Allred, Assoc Prof .....	A	6,840	A	7,020
Arnold M Flikke, Asst Prof .....	AP	6,080	AP	6,300
Curtis L Larson, Asst Prof .....	AP	5,880	AP	6,180
Harold A Cloud, Inst .....	A	5,100	A	5,500
Robert V Keppel, Inst .....	A	4,970	A	5,316
Jesse H Pomroy, Inst .....	A	4,770	A	5,016
James R Beebe, Inst .....	A	4,770	A	5,016*
Vernon M Meyer, Inst .....	AX	4,770	AX	5,016

\* Military leave without salary

#### Agronomy and Plant Genetics

Will M Myers, Prof and Head .....	A	11,700	A	12,300
Charles R Burnham, Prof .....	A	8,800	A	9,300
Raymond S Dunham, Prof .....	A	8,700	A	9,300
Ernest H Rinke, Prof .....	A	8,300	A	8,700
Alois R Schmid, Assoc Prof .....	A	7,040	A	7,200
Jean W Lambert, Assoc Prof .....	A	7,040	A	7,200
Emmett L Pinnell, Assoc Prof .....	A	7,190	A	7,640
Laddie J Elling, Asst Prof .....	A	6,200	A	6,800
Gertrud S Joachim, Res Fellow .....	C*	2,385	C*	2,508
		(4,770A)		(5,016A)

\* September 1 to January 31 and April 1-30

#### Animal Husbandry

Evan F Ferrin, Prof and Head .....	A	11,000	A	11,200
Laurence M Winters, Prof .....	A	9,790	A	10,200
Lester E Hanson, Prof .....	A	8,800	A	9,000
Alfred L Harvey, Prof .....	A	8,290	A	8,700
Phillip A Anderson, Assoc Prof .....	A	7,640	A	7,900
John N Cummings, Assoc Prof .....	A	7,300	A	7,600
William E Rempel, Asst Prof to Assoc Prof .....	A	6,100	A	6,600
Woodrow J Aunan, Asst Prof .....	A	6,900	AP	7,100

#### Agricultural Biochemistry

William F Geddes, Prof and Head .....	A	11,700	A	12,200
David R Briggs, Prof .....	A	9,640	A	10,000
Max O Schultze, Prof .....	A	9,500	A	10,000
Walter O Lundberg, Prof .....	A	10,500	A	11,350
Fred Smith, Prof .....	A	9,040	A	9,400
Robert Jenness, Prof .....	A	7,800	A	8,200
Irvin E Liener, Assoc Prof .....	A	6,600	A	7,500
John W Lee, Inst .....	BH50	1,789	BH50	1,881
Eugene F Garner, Inst .....	BH50	1,789	BH50	1,881
Edward R Drechsler, Inst .....	BH50	1,789	BH50	1,881

#### Dairy Husbandry

James B Fitch, Prof and Head .....	A	11,440	A	11,800
Willes B Combs, Prof .....	A	9,740	A	10,000
William E Petersen, Prof .....	A	9,440	A	9,700
Joseph C Olson, Jr, Assoc Prof .....	A	7,800	A	8,100
James J Jezeski, Assoc Prof .....	A	7,450	A	7,700
Elmer L Thomas, Asst Prof to Assoc Prof .....	AP	6,400	A	7,200
Howard A Morris, Asst Prof to Assoc Prof .....	A	6,300	A	7,000
Lionel A Richardson, Inst .....	A	4,770	A	5,016

### Entomology and Economic Zoology

	Salary 1954-55		Salary 1955-56	
Clarence E Mickel, Prof and Head .....	A	11,040	A	11,300
Alexander C Hodson, Prof .....	A	8,900	A	9,500
A Glenn Richards, Prof .....	A	8,500	A	8,700
William H Marshall, Prof .....	A	8,300	A	8,700
Lloyd L Smith, Jr, Assoc Prof .....	A	7,240	A	7,600
Laurence K Cutkomp, Assoc Prof .....	A	6,900	A	7,200
James R Beer, Asst Prof .....	AP	6,300	AP	6,500
Edwin F Cook, Asst Prof .....	A	5,880	AP	6,480
Allan R Barr, Inst .....	A	5,000	A	5,016
Truman B Clark, Res Fellow .....	AH45	2,147	AH45	2,257

### School of Forestry

Frank H Kaufert, Director and Prof .....	A	11,740	A	12,700
Thorvald Schantz-Hansen, Prof .....	A	8,300 <sup>1</sup>	A	8,500 <sup>1</sup>
Arthur E Schneider, Prof .....	A	8,000*	A	8,300*
Randolph M Brown, Prof .....	A	7,800	A	8,000
Louis W Rees, Prof .....	A	7,700	A	8,000
Ralph L Hossfeld, Assoc Prof .....	A	7,400	A	8,000
Henry L Hansen, Assoc Prof .....	A	7,400	A	8,000
Donald P Duncan, Assoc Prof .....	A	6,800	A	7,200
Otis F Hall, Asst Prof to Assoc Prof .....	A	6,210	A	7,000
Ronald I Beazley, Asst Prof .....	A	5,880	A	6,180
Edward T Sullivan, Asst Prof .....	A	5,880	A	6,180
Merle P Meyer, Inst .....	A	4,770	A	6,180
Walter B Wallin, Inst .....	A	4,770	A	5,016

<sup>1</sup> Residence

\* On leave of absence FOA—Seoul National University of Korea

### School of Home Economics

Louise A Stedman, Director and Prof .....	A	10,200	A	10,600
Jane M Leichenring, Prof .....	A	8,040	A	8,400
Gladys I Bellinger, Assoc Prof .....	A	7,180	A	7,400
Gertrude Esteros, Assoc Prof .....	B	5,300	B	5,600
Joan Gordon, Asst Prof to Assoc Prof .....	B	5,100	B	5,500
Helen L Pilcher, Asst Prof to Assoc Prof .....	B	5,000	A	6,800
Mary Ann Morris, Asst Prof .....	BT	5,000*	B	5,300
Lucile Streater, Asst Prof, Manager Agricultural Cafeteria .....	A	7,000	A	7,300
Kathleen M Jeary, Asst Prof .....	BP	4,840	BP	5,100
Ethel R Gorham, Asst Prof .....	BP	4,685	BP	4,900
Juliette I Myren, Asst Prof .....	BP	4,900	BP	5,100
Dorothy E Bonnell, Asst Prof .....	B	4,410	B	4,635
Marion T Everson, Inst to Asst Prof .....	B	4,200	B	4,635
Annette T Gormican, Inst to Asst Prof .....	B	4,000	B	4,635
F Jeanne Claypoole, Inst and Asst Mgr Agricultural Cafeteria .....	A	5,200	A	5,600
Nada W Ahrens, Inst .....	B	3,673	B	3,762
Evelyn M Franklin, Inst .....	B	3,763	B	4,000
D Mercein Benzie, Inst .....	B	3,578	B	3,762

\* Experiment Station Funds

### Horticulture

Leon C Snyder, Prof and Head .....	A	10,000	A	10,500
Troy M Currence, Prof .....	A	8,300	A	8,600

	Salary 1954-55		Salary 1955-56
Arthur N Wilcox, Prof of Horticulture—Director Cedar Creek Forest Project .....	A	7,600	A 8,000
Arthur E Hutchins, Assoc Prof .....	A	7,600	A 8,000
James D Winter, Assoc Prof .....	A	7,290	A 7,700
Robert E Nylund, Assoc Prof .....	A	7,250	A 7,800
Robert A Phillips, Asst Prof .....	AP	6,080	AP 6,180
Albert A Piringer, Jr, Asst Prof .....	A	6,000	A 6,180
Richard E Widmer, Inst .....	A	5,300	A 5,820
Shirley R Trantabella, Res Fellow to Inst .....	AHT90	4,293*	A 5,016
		(4,770)	

\* Experiment Station Funds

#### Plant Pathology and Botany

Jonas J Christensen, Prof and Head .....	A	11,000	A 11,600
Carl J Eide, Prof .....	A	8,330	A 8,600
Helen Hart, Prof .....	A	8,030	A 8,300
Clyde M Christensen, Prof .....	A	8,030	A 8,300
Milton F Kernkamp, Assoc Prof .....	A	7,600	A 8,100
Thomas H King, Assoc Prof .....	A	7,400	A 8,000
Thor Kommedahl, Asst Prof .....	A	6,080	AP 6,400
Raymond H Landon, Asst Prof .....	AP	5,980	AP 6,180
Louise T Dossdall, Asst Prof .....	AP	5,980	AP 6,180
David W French, Asst Prof .....	A	5,880	A 6,300
James E DeVay, Asst Prof .....	A	5,880	A 6,300
Matthew B Moore, Inst .....	AP	5,250	AP 5,450

#### Poultry Husbandry

Elton L Johnson, Prof and Head .....	A	10,500	A 11,000
Robert N Shoffner, Assoc Prof to Prof .....	A	7,450	A 8,200
Thomas H Canfield, Assoc Prof .....	A	7,250	A 7,500
Milo H Swanson, Asst Prof .....	A	6,450	A 6,800

#### Rhetoric

Ralph G Nichols, Prof and Head .....	B	7,880	A 10,000
James I Brown, Prof .....	B	6,700	B 7,000
Marjorie H Thurston, Assoc Prof .....	B	5,680	B 6,132
Francis E Drake, Asst Prof .....	BP	5,100	BP 5,300
Eugene S Wright, Inst .....	BH50	1,789	B 4,100
Harold O Bahlke, Inst .....	BH50	1,789	BX 4,500
Paul J Seymour, Inst .....	BH50	1,789	BH50 1,881
Ella K S Oerting, Inst .....	DP	2,325	DP 2,508
Monica Langtry, Inst .....	DP	2,325	DP 2,508

#### Soils

William P Martin, Prof and Head .....	A	10,500	A 11,000
Alfred C Caldwell, Assoc Prof to Prof .....	A	7,300	A 8,000
John M MacGregor, Assoc Prof .....	A	7,100	A 7,600
George R Blake, Res Assoc to Assoc Prof .....	A	6,600	A 6,970
Harold F Arneman, Asst Prof .....	AP	6,100	AP 6,580
Rouse S Farnham, Res Fellow to Res Assoc .....	AH45	2,472*	AH45 2,772**
		(5,510)	(6,180)
Janis Grava, Res Fellow .....	A	4,770***	A 5,216

\* 3,038 Additional from U S Department of Agriculture SCS

\*\* 3,408 Additional from U S Department of Agriculture SCS

\*\*\* Soil Testing Laboratory

### School of Veterinary Medicine

	Salary 1954-55		Salary 1955-56
William T S Thorp, Asst Dean, Director of the School of Veterinary Medicine, and Prof .....	A	12,500	A 13,100
<b>(Division of Veterinary Anatomy)</b>			
Ralph L Kitchell, Prof and Head .....	A	8,000	A 9,000
Alvin F Weber, Assoc Prof to Prof .....	A	7,700	A 8,700
John T Bell, Jr, Inst .....	A	5,000	A 5,400
Melvin W Stromberg, Inst .....	A	4,770	A 5,100
<b>(Division of Veterinary Bacteriology and Public Health)</b>			
Robert K Lindorfer, Inst to Asst Prof .....	A	4,770	A 6,180
<b>(Division of Veterinary Pathology and Parasitology)</b>			
Jay H Sautter, Prof and Head .....	A	7,900	A 8,900
Henry J Griffiths, Prof to Asst Director and Prof of Parasitology .....	A	8,500	A 9,000
Carl E Rehfeld, Inst .....	A	5,400	A 5,700
Everett D Besch, Inst .....	A	4,770	A 5,100
Donald R Knauff, Inst .....	A	4,770	A 5,016
John J Clark, Res Fellow .....	AH69	3,270*	AH70 3,516*
		(4,770)	(5,016)
* 1,500 additional from U S Department of Agriculture, ARS			
<b>(Division of Veterinary Physiology and Pharmacology)</b>			
Alvin F Sellers, Prof and Head .....	A	8,000	A 9,000
Emmett N Bergman, Inst .....	A	4,770*	A 5,016*
* Military leave without salary			
<b>(Division of Veterinary Medicine and Clinics)</b>			
Harvey H Hoyt, Prof and Head .....	A	8,000	A 9,200
George W Mather, Prof .....	A	8,200	A 9,000
Dale K Sorensen, Asst Prof to Assoc Prof .....	A	7,200	A 8,000
Robert A Merrill, Assoc Prof .....	A	7,800	A 7,900
Donald G Low, Inst .....	A	5,480	A 6,000
Frank Sauer, Inst .....	A	5,000	A 5,400
William F Cates, Inst .....	A	4,770	A 5,016
<b>(Division of Veterinary Surgery and Radiology)</b>			
Donald H Clifford, Inst .....	A	5,150	A 5,400
Edward A Usenik, Inst .....	A	5,000	A 5,400
<b>(Division of Veterinary Obstetrics)</b>			
Raimunds Zemjanis, Inst and Acting Head .....	A	5,600	A 6,000
Lester L Larson, Inst .....	A	5,000	A 5,400
<b>(Division of Veterinary Diagnostic Laboratories)</b>			
Reuel Fenstermacher, Prof to Prof and Head .....	A	8,300	A 9,000
Charles Gale, Inst .....	A	5,400	A 6,000
<b>Physical Training</b>			
Joseph A Nowotny, Asst Prof .....	BP	5,885	BP 6,100

**Agricultural Extension Service  
(State Office)**

		Salary 1954-55		Salary 1955-56
Skuli Rutford, Prof, Director of Ext .....	A	12,000	A	12,500
Roland Abraham, Assoc Prof Asst Director ....	A	9,000	A	9,300
Hans P Hanson, Ext Spec Field Studies and Asst Prof to Asst Prof Ext Spec Field Studies .....	A	6,180	A	6,400
Arthur E Engebretson, Assoc Prof District Supv Co Agent Work .....	A	7,740	A	7,900
Glenn T McCleary, Asst Prof District Supv Co Agent Work to Assoc Prof District Supv Co Agent Work .....	A	7,000	A	7,200
Frank W Forbes, Asst Prof District Supv Co Agent Work .....	A	6,500	A	6,700
Dorothy Simmons, Prof State Leader, Ext Home Program, Assoc Home Economist to Prof State Leader, Ext Home Program ....	A	8,000	A	8,200
Evelyn R Morrow, Asst Prof District Supv Home Agent Work .....	AP	6,100	AP	6,200
Caroline M Fredrickson, Acting Supv Home Agent Work, Asst Prof .....	AX	5,200	AX	5,400
Rosella H Qualey, Asst Prof District Supv Home Agent Work .....	A	5,200	A	5,400
Gwendolyn M Bacheller, Asst Prof Asst State Leader 4-H Club .....	A	5,500	AP	5,700
Robert R Pinches, Asst Prof Asst State YMW Leader .....	A	5,880	A	6,180
Bernard V Beadle, Asst Prof District Supv 4-H Club Work to Asst Prof District 4-H Club Leader .....	AP	5,757	AP	6,000
William H Dankers, Prof Ext Economist Mar- keting .....	A	7,740	A	8,000
Cora E Cooke, Assoc Prof Ext Specialist Poul- try .....	A	5,817	A	6,180
Parker O Anderson, Assoc Prof Ext Forester	AH77	5,496* (7,116)	A	7,300
Harold E Jones, Assoc Prof Ext Specialist Soils .....	A	7,740	A	7,900
Dennis M Ryan, Assoc Prof Ext Agric Engi- neer .....	A	7,460	A	7,740
Donald W Bates, Asst Prof Ext Agric Engi- neer to Assoc Prof Ext Agric Engineer ....	A	6,300	A	6,800
Ralph W Wayne, Assoc Prof Ext Dairyman ....	A	7,000	A	7,300
Ramer D Leighton, Assoc Prof Ext Dairyman	A	6,500	A	6,700
Rodney A Briggs, Assoc Prof Ext Agronomist	A	6,680	A	7,000
Gerald R McKay, Asst Prof Ext Spec Visual Education to Assoc Prof Ext Spec Visual Education .....	AP	6,600	A	7,000
Grace D Brill, Asst Prof Ext Nutritionist .....	A	5,700	AP	5,900
Athelene H Scheid, Asst Prof Ext Spec Cloth- ing .....	AP	5,700	AP	5,900
Lucile Holaday, Asst Prof Ext Economist Home Mgt .....	A	5,700	A	6,000
Ermond H M Hartmans, Asst Prof Ext Econ Farm Management .....	A	6,680	A	7,000

	Salary 1954-55		Salary 1955-56	
Raymond S Wolf, Asst Prof Ext Spec Information .....	AP	6,000	AP	6,200
Charles A Simkins, Asst Prof Ext Specialist Soils .....	A	6,400	A	6,800
Edwin H Jensen, Asst Prof Ext Agronomist .....	A	6,200	A	6,400
Marvin E Smith, Inst Ext Forester .....	AH72	4,180* (5,800)	A	6,000
Roger S Harris, Agr Ext Spec Soil Conservation to Inst Ext Spec Soil Conservation .....	A	5,300	A	5,800
Evelyn D Harne, Inst State Club Agent .....	A	5,000	A	5,200
Sylvia E Gerhardson, Inst State Club Agent .....	A	4,500	A	4,700
Elaine E Tessman, Inst State Club Agent .....	A	4,700	A	4,900
Josephine B Nelson, Inst Ext Asst Editor .....	A	5,380	A	5,600
Eleanor Y Loomis, Consumer Marketing Agent to Inst Consumer Marketing Agent .....	A	4,400	A	5,016

\* 1,620 additional from U S Department of Agriculture

(County Group)

Floyd H Bellin, Jr, Agr Agent Inst—LeSueur Co .....	AH81	3,740 (4,600)	AH80	3,740 (4,700)
Sherman M Mandt, Agr Agent Inst—Ottertail (East) Co .....	AH72	3,740 (5,200)	AH70	3,840 (5,500)
Nicholas G Weyrens, Agr Agent Asst Prof—Ottertail (West) Co .....	AH69	3,740 (5,400)	AH70	3,840 (5,500)
Edmund C Lenzmeier, Agr Agent Assoc Prof—Stearns Co .....	AH64	3,740 (5,800)	AH63	3,740 (5,980)
Carroll B Lodahl, Asst Co Agric Agent Winona Co .....	AH92	3,600 (3,900)	AH88	3,700 (4,200)
Robert L McDill, Soil Conservation Agent Faribault Co .....	A	4,600	A	4,900
Arnold F Wiebusch, Soil Conservation Agent Goodhue Co .....	A	4,500	A	4,800
Arnold H Claassen, Soil Conservation Agent Lincoln Co .....	A	4,500	A	4,700
Curtis P Klint, Soil Conservation Agent Norman Co .....	A	4,500	A	4,800
William N Sutherland, Soil Conservation Agent Olmsted Co .....	A	4,900	A	5,200
John F Mulvehill, Soil Conservation Agent Ottertail (West) Co .....	A	4,500	A	4,800
Clifton F Halsey, Soil Conservation Agent Washington Co .....	A	4,900	A	5,200
J Eugene Ellis, Soil Conservation Agent Wright Co .....	A	4,900	A	5,200
Byron Lee Kunkel, Asst Co Agr Agent Blue Earth Co .....	AH93	4,000 (4,300)	AH93	4,200 (4,500)
Winfield J Johnson, Asst Co Agr Agent Kandiyohi Co .....	A	4,000	A	4,400



	Salary 1954-55		Salary 1955-56	
Harold B Halstead, Asst Co Agr Agent Steele Co .....	A	3,800	A	4,100
Judith C Nord, Home Agent Asst Prof—Ottertail (West) Co .....	AH83	3,565 (4,300)	AH83	3,665 (4,400)
Russell L Krech, Club Agent Inst—Stearns Co .....	AH85	3,565 (4,200)	AH81	3,565 (4,380)

#### School of Agriculture, St. Paul Campus

John O Christianson, Prof and Supt .....	A	10,500	A	11,000
Ralph E Miller, Assoc Prof .....	A	7,600	A	8,000
Aganetha Loewen, Asst Prof and Dormitory Director .....	B	4,320	BP	4,635
Doris Nelson, Inst .....	DP	2,340	DP	2,508
Thomas W Larimore, Inst .....	DP	2,975	DP	3,075
Ralph E Williams, Inst .....	DP	2,393*	DP	2,508*
Victor A Newcomb, Inst .....	DP	2,340	DP	2,508

\* Plus Music fees not to exceed \$300

#### Northwest School and Experiment Station—Crookston

Thomas M McCall, Prof, Supt .....	A	9,400 <sup>1</sup>	A	9,600 <sup>1</sup>
Olaf C Soine, Assoc Prof .....	A	7,040	A	7,300
Homer D Fausch, Assoc Prof .....	A	6,600	A	7,000
Bruce C Beresford, Asst Prof .....	AP	6,100	AP	6,400
Eugene C Miller, Asst Prof .....	A	5,700	A	6,180
Herschel H Lysaker, Asst Prof .....	AP	6,000	AP	6,300
Erwin N Reiersgard, Asst Prof .....	AP	5,810	AP	6,180
Harry W Soderburg, Asst Prof .....	AP	5,810	AP	6,180
Alvey M Pilkey, Inst to Asst Prof .....	AP	5,700	AP	6,180
Lloyd W Nystrom, Inst .....	D	2,490*	D	2,508*
Margaret E Larsen, Inst .....	DP	2,635	DP	2,750
Fae Hughbanks, Inst .....	DP	2,655	DP	2,750
William M Barron, Inst .....	DP	2,615	DP	2,700
John A Miller, Inst .....	D	2,500	D	2,600
Evelyn M Peterson, Inst .....	D	2,415	D	2,508
Alice A Ittner, Inst .....	DP	2,635	DP	2,750
Jolanda L Folsom, Inst .....	D	2,400	D	2,508
Mary J Croal, Inst .....	D	2,415	D	2,508
Charles D Whiting, Inst and Dormitory Resident Counselor .....	D	2,500	D	2,700
Jaroslav I Kruta, Inst .....	DX	2,325	DX	2,508
Myrtle N Brown, Prin Food Service Supv and Inst .....	C**	3,488 (4,650A)	C**	3,762 (5,016A)
Ruth A Nelson, School Nurse and Inst .....	D	2,325	D	2,508

<sup>1</sup> Residence

\* Military leave without salary

\*\* September 1 to April 30 and June 1-30

#### West Central School and Experiment Station—Morris

Allen W Edson, Prof, Supt .....	A	9,000 <sup>1</sup>	A	9,300 <sup>1</sup>
Roy O Bridgford, Assoc Prof .....	A	7,040	A	7,300
Karl R Bornhoff, Inst .....	D	2,490	A	5,016
Herbert G Croom, Asst Prof and Prin .....	AP	6,780	AP	7,100
Nanna Jelstrup, Asst Prof .....	BP	4,365	BP	4,635

	Salary 1954-55		Salary 1955-56	
Leslie K Lindor, Asst Prof .....	AP	5,760	AP	6,180
Robert A Hanson, Inst .....	A	5,050	A	5,500
Phyllis E Lerud, Inst .....	A	4,850	A	5,200
Wesley H Gray, Inst .....	AP	5,280	AP	5,600*
Glenn H Daniels, Inst .....	AP	5,180	AP	5,300
Ralph E Smith, Inst and Coach .....	A	5,280	A	5,700
Theodore S Long, Inst .....	DP	2,795	DP	2,900
John A Anderson, Inst .....	DP	2,795	DP	2,900
Nathaniel Mann, III, Inst .....	D	2,325	D	2,600
Thelma H Gilbert, Inst .....	D	2,400	D	2,600
Laree B McNeal, Inst .....	D	2,325	D	2,600
Dorothy Mae Chan, School Nurse and Inst .....	D	2,400	D	2,600
Jacqueline B McCauley, Inst .....	D	2,325	D	2,600
Donna C Moen, Inst .....	D	2,325	D	2,600
Marjorie H Stevens, Inst .....	D	2,400	D	2,600
Helen G Swan, Inst .....	DP	2,265	DP	2,508

<sup>1</sup> Residence

\* Sabbatical furlough July 1 to August 15

#### North Central School and Experiment Station—Grand Rapids

Clarence L Cole, Assoc Prof, Supt .....	A	8,600 <sup>1</sup>	A	9,100 <sup>1</sup>
William Matalamaki, Asst Prof and Prin .....	AP	6,500	AP	6,900
Richard B Aakre, Asst Prof .....	AP	5,760	AP	6,180
Clement H Griffith, Asst Prof .....	AP	5,760	AP	6,180
Loyd M LaMois, Inst .....	A	4,900	A	5,140
Nils H Grimsbo, Inst .....	A	4,900	A	5,140
William C Scott, Inst .....	D	2,325	D	2,508

<sup>1</sup> Residence

#### Southern School of Agriculture—Waseca

Bernard E Youngquist, Asst Prof and Prin .....	AP	7,000	AP	7,300
Harold C Matson, Asst Prof .....	A	6,130	A	6,400
Kenneth P Miller, Asst Prof .....	AP	5,810	AP	6,180
Deane A Turner, Asst Prof .....	A	5,960	A	6,360
John R Thompson, Inst .....	A	5,100	A	5,500
Gertrude M Strinden, Inst .....	A	4,750	AP	5,016
Donald S Michels, Inst .....	C*	3,665	C*	3,900
Theodore M Nelson, Inst .....	D	2,770	C*	4,250
Edna M Kral, Inst .....	D	2,715	D	2,800
Marion H Sorenson, Inst .....	D	2,415	D	2,508
Eve M Hendrickson, Inst .....	D	2,415	D	2,600
William M Curran, Inst .....	D	2,640	D	2,760

\* September 1 to May 31

#### Experiment Station

Hubert J Sloan, Director, Agric Experiment Station and Prof of Poultry Husbandry .....	A	12,500	A	13,100
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#### Northeast Experiment Station—Duluth

Ralph S Grant, Asst Prof, Supt .....	A	7,500 <sup>1</sup>	A	7,900 <sup>1</sup>
Wallace W Nelson, Inst and Asst Supt .....	A	5,200	A	5,500

<sup>1</sup> Residence

#### Southern Experiment Station—Waseca

Robert E Hodgson, Prof, Supt .....	A	8,700 <sup>1</sup>	A	9,100 <sup>1</sup>
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<sup>1</sup> Residence

### Fruit Breeding Farm—Excelsior

Salary 1954-55

Salary 1955-56

Theodore S Weir, Assoc Prof and Asst Supt	A	7,170 <sup>1</sup>	A	7,300 <sup>1</sup>
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<sup>1</sup> Residence

### Agricultural Experiment Station—Rosemount

Albert C Heine, Assoc Prof, Supt	A	8,400 <sup>2</sup>	A	8,800 <sup>1</sup>
Rollin M Dennistoun, Inst and Asst Supt	A	6,180	A	6,300

<sup>1</sup> Residence

## COLLEGE OF MEDICAL SCIENCES

### Administration

Harold S Diehl, Dean of the Medical Sciences and Prof of Public Health	A	16,500	A	17,250
Howard L Horns, Asst Dean and Assoc Prof	A	9,240	A	10,000
William F Maloney, Asst Dean and Inst to Asst Dean and Asst Prof	A	7,500	A	8,500

### Anatomy

Arnold Lazarow, Prof and Head	B	12,000	B	12,250
Lemen J Wells, Prof	B	8,000	B	8,500
Berry Campbell, Assoc Prof	B	7,000	B	7,500
J Francis Hartmann, Assoc Prof	B	7,500	B	8,000
W Lane Williams, Assoc Prof	B	7,000	B	7,500
R Dorothy Sundberg, Assoc Prof	A	6,910	A	7,500
Anna Mary Carpenter, Inst	BH75	3,750	BH75	3,950
Joseph Davidson, Inst	BH75	3,300	BH75	3,500
Roland D Meader, Inst	BH60	2,400	BH60	2,600

### Bacteriology

Jerome T Syverton, Prof and Head	B	12,000	B	12,500
Dennis W Watson, Prof	B	8,900	B	9,400
Herman C Lichstein, Assoc Prof to Prof	B	8,400	B	8,800
Karl R Johansson, Asst Prof to Assoc Prof	BP	6,145	B	6,500
William Murphy, Inst	B	4,800	B	5,500
George E Gifford, Inst	AT	6,000*	B	5,500

\* National Foundation for Infantile Paralysis

### Medicine

#### (Division of Internal Medicine)

Cecil J Watson, Prof and Head	B	13,150	B	13,750
Wesley W Spink, Prof	B	11,340	B	12,000
Frederick W Hoffbauer, Assoc Prof	B	9,000	B	9,500
Samuel Schwartz, Assoc Prof of Experimental Medicine	B	8,680	B	9,000
Edmund P Eichhorn, Asst Prof	A	8,380	A	8,500
Byrl Kennedy, Asst Prof	A	7,700	A	8,000
Clarence Winchell, Inst	A	5,600	AH81	5,200 (6,400)
Fred Goetz, Inst	AT	5,500	AX	5,700
William Fifer, Inst	AH85	4,250 (5,000)	AH24	1,700 (7,000)
Violet H Swenson, Res Assoc	AH50	2,925 (5,880)	AH49	3,020 (6,180)

	Salary 1954-55		Salary 1955-56	
Fouad Bashour, Res Fellow .....	AHT75	3,600 (4,800)	AH43	2,190 (5,145)
Naip Tuna, Res Fellow .....	CHT75*	1,500 (3,600)	AH39	1,950 (5,016)
* Feb 1 to June 30				
<b>Obstetrics and Gynecology</b>				
John L McKelvey, Prof and Head .....	B	12,200	B	12,750
Irwin H Kaiser, Asst Prof .....	A	7,150*	A	8,000*
George W Janda, Inst .....	A	5,500	A	6,000
* Leave of absence for 5% time				
<b>Otolaryngology</b>				
Frank M Lassman, Assoc Prof of Audiology and Speech .....	A	8,000	A	8,200
<b>Pathology</b>				
James R Dawson, Prof and Head .....	B	11,750	B	12,250
James S McCartney, Prof .....	B	8,200	B	8,500
Robert Hebbel, Prof .....	B	8,200	B	8,500
Paul H Lober, Asst Prof .....	AH82	5,880	AH82	6,180
<b>Pediatrics</b>				
Reynold A Jensen, Prof (Child Psychiatry) .....	B	9,500	B	10,000
Lewis W Wannamaker, Asst Prof to Assoc Prof .....	A	8,000	B	8,500
Mildred Ziegler, Asst Prof to Assoc Prof .....	AP	6,200	B	6,200
Paul Adams, Asst Prof .....	A	6,500	A	7,000
Ray C Anderson, Asst Prof .....	AH64	4,500 (7,000)	A	7,500
Hilde Adams, Inst (Child Psychiatry) .....	A	5,000	A	5,016
William D Bevis, Inst .....	A	4,800	A	5,500
William Krivit, Inst .....	AH75	3,600 (4,770)	AH72	3,600 (5,016)
<b>Pharmacology</b>				
Raymond N Bieter, Prof and Head .....	B	11,000	B	11,500
Harold N G Wright, Prof .....	B	7,800	B	8,250
Elizabeth M Cranston, Asst Prof .....	B	5,000	BP	5,500
<b>Physiology</b>				
Maurice B Visscher, Prof and Head .....	B	12,400	B	13,000
Ernst Gellhorn, Prof (Neurophysiology) .....	B	9,180	B	9,600
John J Bittner, Prof (Cancer Biology) .....	A	11,740*	A	12,200
Nathan Lifson, Prof .....	B	8,800	B	9,200**
Joseph T King, Assoc Prof to Prof .....	B	6,030	B	6,500
Ernest B Brown, Assoc Prof to Prof .....	B	7,750	B	8,200
John A Johnson, Asst Prof to Assoc Prof .....	B	5,500	A	9,000
Franz Halberg, Asst Prof to Assoc Prof (Cancer Biology) .....	AHT90	6,750*** (7,500)	AH70	5,460 (7,800)
Carlos Martinez, Asst Prof to Assoc Prof (Cancer Biology) .....	A	7,250***	AH10	760 (7,600)

	Salary 1954-55	Salary 1955-56
Herbert M Hirsch, Asst Prof (Cancer Biology) .....	AT 6,200***	AH10 650 (6,500)

\* Cancer Institute Research  
 \*\* Sabbatical furlough for 1955-56  
 \*\*\* Division of Cancer Biology

### School of Public Health

Gaylord W Anderson, Mayo Professor and Director .....	A 14,400	A 15,000
Stewart C Thomson, Prof and Asst Director .....	B 8,750	B 9,100
Jay A Myers, Prof .....	AH70 6,300	AH70 6,500
Alan E Treloar, Prof .....	B 7,775	B 8,200
Herbert M Bosch, Prof .....	B 9,000	B 9,500
Ruth E Grout, Prof .....	B 6,300	B 6,500
Marion I Murphy, Director of Public Health Nursing and Prof .....	B 6,500	B 7,000
Theodore A Olson, Assoc Prof .....	B 7,000	B 7,350
Nora F Cline, Asst Prof .....	B 4,500	B 5,000
Jacob E Bearman, Asst Prof .....	B 5,500	BHP91 5,275 (5,800)
Lillian R Elveback, Lecturer .....	B 4,913	B 5,000
Eugene Johnson, Inst .....	BH50 1,789	BH50 2,000
Byron Brown, Inst .....	BH50 1,789	BH50 1,881
Colleen Espe, Inst .....	BH50 1,789	BH50 1,925

### (Division of Physiological Hygiene)

Ancel Keys, Prof .....	B 11,850	B 12,250
Ernst Simonson, Assoc Prof .....	B 6,580*	B 6,800*
Henry L Taylor, Assoc Prof .....	B 7,000	B 7,400
Josef Brozek, Assoc Prof .....	B 7,000	B 7,400
Joseph T Anderson, Assoc Prof .....	B 6,000**	B 6,400**

\* Leave without salary 25% time  
 \*\* Leave without salary 10% time

### (Division of Hospital Administration)

James A Hamilton, Prof and Director .....	BH50 5,904	BH50 6,000
James W Stephan, Assoc Prof and Assoc Director of Course in Hospital Administration .....	B 8,430	B 8,600
Arthur G Hennings, Lecturer to Asst Prof .....	.....*	BH30 1,800 (6,000)

\* Non-salaried

### Surgery

#### (Division of General Surgery)

Owen H Wangenstein, Prof and Head .....	B 13,150	B 13,750
Richard L Varco, Prof .....	B 10,000	B 10,500
F John Lewis, Assoc Prof .....	AH76 6,650 (8,700)	AH12 1,200 (10,200)
C Walton Lillehei, Assoc Prof .....	B 8,500	B 9,100
Gilbert S Campbell, Inst to Asst Prof .....	AH9 600 (6,100)	AH17 1,200 (7,200)
Stuart W Arhelger, Inst .....	AT 6,000*	AH45 3,000 (6,600)

\* Surgery Research Funds

(Division of Neurosurgery)

	Salary 1954-55		Salary 1955-56
William T Peyton, Prof, Director of Division.....	B	9,800	B 10,200

(Division of Orthopedic Surgery)

Leonard F Peltier, Asst Prof .....	AT	6,800*	AH25 1,800 (7,300)
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\* Surgery and Research Funds

(Division of Urology)

Charles D Creevy, Prof, Director of Division.....	B	9,800	B 10,200
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School of Nursing

Katharine J Densford, Director and Prof .....	A	8,500	A 9,000
Ruth Harrington, Prof and Asst Director .....	A	6,753	A 7,000
Ruth V Johnston, Asst Prof to Assoc Prof .....	AP	6,000	A 6,200
Myrtle H Coe, Asst Prof .....	AP	5,880	AP 6,180
Margaret F Grainger, Asst Prof .....	AP	5,880	AP 6,180
Cecelia R Lediger, Asst Prof .....	AP	5,880	AP 6,180
Sibyl G Norris, Asst Prof .....	A	5,880	A 6,180
Eugenia R Taylor, Inst to Asst Prof .....	A	4,770	A 6,180
Dorothy E Titt, Asst Prof .....	A	5,880	AP 6,180
Margery Low, Inst (Rural Nursing) .....	AT	4,770	A 5,300
Mary Adams, Inst .....	AX	4,770	A 5,016
Helen R Boyd, Inst .....	A	4,770	A 5,016
M Elizabeth Davidson, Inst .....	A	4,770	A 5,016
Frances E Dunning, Inst .....	A	4,770	A 5,016
Lily Larson, Inst .....	A	4,770	A 5,016
Marian L Maschmann, Inst .....	A	4,770	A 5,016
Monica L Murphy, Inst .....	A	4,770	A 5,016
Doris Mae Salem, Inst .....	AX	4,770	A 5,016
Rosella M Skalicky, Inst .....	A	4,770	A 5,016

Medical Technology

Ruth Hovde, Asst Prof .....	AP	6,600	AP 6,300
Verna Rausch, Asst Prof .....	AP	5,800	AP 6,180
Lorraine M Gonyea, Inst .....	A	4,770	A 5,016*
Patricia Hanauer, Student Technologist Supv to Inst and Student Technologist Supv .....	A	3,720**	A 4,040
Elaine Duerr, Inst and Student Technologist Supv .....	A	4,140	A 4,320
Dorothy Ness, Inst and Student Technologist Supv .....	A	4,140	A 4,320

\* Leave of absence without salary July 11 to June 30

\*\* Hospital Laboratories

Radiology

Leo G Rigler, Prof and Head .....	B	12,200	B 12,500*
Karl W Stenstrom, Prof .....	B	9,000	B 9,300
James F Marvin, Asst Prof to Assoc Prof .....	AP	5,980	A 6,500
Donn G Mosser, Clin Inst to Asst Prof .....	AH25	1,662* (6,650)	C**H35 1,866 (8,000)
Solveig Bergh, Clin Asst Prof .....	AH10	566	AH10 610
Richard G Lester, Inst .....	AH21	1,000 (4,770)	A 6,000

\* Leave of absence without salary

\*\* November 1 to June 30

	Salary 1954-55		Salary 1955-56	
Kent F Westley, Clin Inst .....	AH40	3,000 (7,500)	AH50	4,000 (8,000)

**Department of Psychiatry and Neurology**  
**(Division of Psychiatry)**

Donald W Hastings, Prof and Head .....	B	12,200	B	13,000
Burtrum C Schiele, Prof .....	B	8,800	B	10,000
Frank Kiesler, Asst Prof .....	AP	8,000	AP	8,800
Richard R Teeter, Inst .....	A	6,000	A	6,600
Philip Margolis, Inst .....	A	6,000	A	6,600
Joyce S Lewis, Inst .....	A	6,000	A	6,600

**(Division of Neurology)**

Abe B Baker, Prof and Director .....	B	10,250	B	10,750
Fae Y Tichy, Asst Prof to Assoc Prof .....	AP	8,242*	B	8,691*
Ian A Brown, Asst Prof to Assoc Prof .....	A	8,000	B	8,200
Maynard Cohen, Asst Prof .....	AH71	5,884	AH71	6,384

\* Leave without salary 9% time

**(Division of Clinical Psychology)**

Starke R Hathaway, Prof and Director .....	B	8,180	B	8,500
William Schofield, Assoc Prof .....	B	6,680	B	7,200
Shirley M Holt, Inst and Clin Psychologist .....	A	5,000	A	5,300
John P Brantner, Inst .....	A	4,770	A	5,125

**Continuation Medical Education**

Robert B Howard, Director and Assoc Prof .....	A	9,500	A	11,000
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**Physiological Chemistry**

Wallace D Armstrong, Prof and Head .....	B	11,250	B	12,250
David Glick, Prof .....	B	8,400	B	8,900
Cyrus P Barnum, Assoc Prof to Prof .....	B	7,500	B	8,000
Paul D Boyer, Prof .....	A	8,300*	A	11,000
William O Caster, Asst Prof .....	BH50	2,768	BH50	2,858
Leon Singer, Asst Prof .....	AP	6,700	AP	7,200
Charles W Carr, Asst Prof .....	BP	5,100	BP	5,500

\* Agricultural Biochemistry

**Physical Medicine and Rehabilitation**

Frederic J Kottke, Prof and Head .....	B	9,000	B	10,000
William Kubicek, Prof .....	B	8,680	B	9,680
Miland E Knapp, Clin Prof .....	AH14	1,500	AH14	1,600
Glenn Gullickson, Advanced Non-Service Clinical Fellow to Asst Prof and Asst Director of Rehabilitation Center .....	AT	8,000*	A	8,500
Ruby G Overmann, Asst Prof (Physical Therapy) .....	AP	6,000	AP	6,400
Borghild Hansen, Asst Prof (Occupational Therapy) .....	AP	6,000	AP	6,400
Martin Mundale, Inst (Physical Therapy) .....	A	5,000	A	5,800
Helen Skowlund, Inst (Physical Therapy) .....	A	4,770	A	5,200
Marvin Lepley, Inst (Occupational Therapy) .....	A	5,000	A	5,500
Elizabeth Waggoner, Inst (Occupational Therapy) .....	A	4,770	A	5,200

\* Physical Medicine and Rehabilitation Research Funds

### Ophthalmology

	Salary 1954-55	Salary 1955-56
Erling W Hansen, Clin Prof and Head .....	AH50 4,695	AH50 5,500
John P Wendland, Clin Asst Prof .....	AH33 1,952	AH31 1,952
	(5,880)	(6,180)
Richard C Horns, Clin Asst Prof .....	AH8 485	AH7 485
	(6,000)	(6,180)

### Anesthesia

Frederick H Van Bergen, Assoc Prof, Acting Director of Division to Assoc Prof and Head .....	A 9,000	A 9,500
Earl A Schultz, Clin Inst .....	AH53 1,080*	AH32 2,400
	(4,888)	(7,400)

\* Surgery Res Funds

## UNIVERSITY OF MINNESOTA HOSPITALS

### Administration

#### (General)

Ray M Amberg, Director and Prof .....	A 15,000	A 16,000
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### Professional Care of Patients

#### (Nursing)

Florence Julian, Assoc Prof and Director of Nursing Services .....	A 7,200	A 7,600
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### X-Ray

Charles M Nice, Jr, Inst and Roentgenologist.....	A 8,500	A 9,000
Harold O Peterson, Clin Prof .....	AH20 1,200	AH12 1,200
	(6,000)	(10,000)

### Out-Patient Department

#### (Medical Service)

Robert R Tracht, Clin Asst Prof and Refrac- tionist .....	AH50 2,850	AH50 3,090
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### Social Service

Annie Laurie Baker, Director and Prof .....	A 8,100	A 8,500
Fred Gross, Asst Prof and Chief Social Worker	A 6,180	A 6,480

### Hospital Laboratories

Gerald T Evans, Director of Hospital Labora- tories, Prof of Medicine .....	B 10,000	B 10,500
Ellis S Benson, Asst Prof in Clinical Labora- tories Medicine .....	A 8,500	AP 8,800
Robert Wise, Asst Prof and Hospital Bacteriol- ogist .....	AX 8,000	A 8,500
Newell R Ziegler, Assoc Prof and Director of Blood Bank .....	A 8,100	A 8,400

### Radiation Therapy

Halvor Vermund, Asst Prof .....	A 7,700	A 9,000
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**Child Psychiatry  
(Medical Service)**

	Salary 1954-55		Salary 1955-56	
William D Wolking, Inst .....	A	4,770	A	5,016

**INSTITUTE OF CHILD WELFARE**

**Administration**

Dale B Harris, Director and Prof .....	A	10,000	A	10,500
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**Nursery School**

M Elizabeth Fuller, Prin and Prof .....	B	6,120	B	6,300
Neith E Headley, Asst Prof .....	BP	4,800	BP	5,000
Evelyn Helgerson, Asst Prof .....	B	4,410	B	4,635
Nada Mijanovich, Inst .....	B	3,650	B	3,762
Jean E Gadola, Inst .....	B	3,650	B	3,762
Frances A Upson, Inst .....	BHX50	1,789	BHX50	1,881

**Research and Parental Education**

John E Anderson, Prof .....	B	9,500	B	9,800
Merrill F Roff, Prof .....	B	7,050	B	7,300
Mildred C Templin, Assoc Prof .....	B	5,700	B	6,000
Pearl T Cummings, Asst Prof and Ext Worker .....	BP	4,800	BP	5,000
Dan C Overlade, Asst Prof .....	B	4,800	B	5,100
Eugene Gollin, Asst Prof .....	B	5,400	B	5,800
Robert A Bassham, Inst .....	B	3,608*	B	3,762

\* Research (Parents' Institute Fund)

**SCHOOL OF DENTISTRY**

William H Crawford, Dean and Prof .....	A	14,000	A	14,500
Douglas H Yock, Prof .....	A	10,200	A	11,100
Harold C Wittich, Prof .....	A	11,240	A	11,540
Ambert B Hall, Prof .....	A	11,440	A	11,640
Henry B Clark, Jr, Prof .....	A	12,290	A	12,490
Helmut A Zander, Prof .....	A	10,740	B	8,055
Thomas D Speidel, Prof .....	A	11,940	A	12,240
Roy M Jernall, Clin Prof .....	BHP50	3,480	BHP50	3,680
Oscar Cooperman, Clin Prof .....	BHP50	3,640	BHP50	3,750
Herbert C Nelson, Clin Prof .....	BHP30	2,054	BHP30	2,250
Mellor R Holland, Assoc Prof .....	A	7,600	A	8,500
David Mitchell, Assoc Prof .....	A	9,640	A	9,990
James R Jensen, Assoc Prof .....	A	7,610	A	8,500
Hubert H Serr, Assoc Prof .....	A	7,300	A	8,000
Wendell L Bartholdi, Asst Prof to Assoc Prof .....	AX	8,000	A	8,500
Blanchard K Braum, Clin Assoc Prof .....	BH30	1,494	BH30	1,744
Sherwood R Steadman, Clin Assoc Prof .....	BH30	1,839	BH30	2,039
Rudolph W Delton, Clin Assoc Prof .....	BHP30	1,744	BHP30	1,950
Harold C Hillmann, Clin Assoc Prof .....	BH30	1,827	BH30	1,950
Oscar Bjorndahl, Clin Assoc Prof .....	CH40*	1,765	CH40*	1,915
Lyle A Brecht, Clin Assoc Prof .....	BH30	1,614	BH30	1,714
Paul S Parker, Clin Assoc Prof .....	BH30	1,629	BH30	1,729
Herman A Garmers, Clin Asst Prof to Clin Assoc Prof .....	BH30	1,324	BH30	1,650

	Salary 1954-55		Salary 1955-56	
Herbert A Carlson, Clin Asst Prof to Clin Assoc Prof .....	BH30	1,324	BH30	1,650
Robert E Sausen, Asst Prof .....	B	5,500	B	6,000
Clarence N Reiersen, Clin Asst Prof .....	BH30	1,323	BH30	1,473
E E Petersen, Asst Prof and Clin Dentist .....	B	5,212	B	5,512
Earl R Horr, Clin Asst Prof .....	BH30	1,323	BH30	1,389
William Branstad, Clin Asst Prof .....	BH20	882	BH20	1,000
Frederick W Noble, Clin Asst Prof .....	BH20	882	BH20	1,000
Robert W Wiethoff, Clin Asst Prof .....	BH30	1,324	BH30	1,390
Theodore L Althausen, Clin Asst Prof .....	CH10*	350	CH10*	375
Donald V Eckels, Clin Asst Prof .....	BH30	1,324	BH30	1,490
Charles L Wilkinson, Clin Asst Prof .....	BH20	882	BH20	927
Elwin E Luhring, Clin Inst to Clin Asst Prof....	BH20	716	BH20	852
Walter M Jacobsen, Clin Asst Prof .....	BH20	882	BH20	1,000
William F Braasch, Clin Asst Prof .....	BH30	1,374	BH30	1,589
Robert N Nelson, Clin Inst to Clin Asst Prof....	BH30	1,074	BH30	1,228
Kenneth C Erickson, Clin Inst to Clin Asst Prof	BH30	1,074	BH30	1,391
William B Nienaber, Clin Inst to Clin Asst Prof	BH30	1,074	BH30	1,391
Arthur W Swanstrom, Clin Asst Prof .....	BH30	1,324	BH30	1,500
Marmion W Houglum, Clin Asst Prof .....	BH50	2,250	BH50	2,318
Forrest L Erlandson, Asst Dean and Inst to Asst to the Dean .....	A	5,500	A	6,000
Russell H Solsvig, Clin Inst .....	BH20	716	BH20	800
Lee C Hermann, Clin Inst .....	BH30	1,074	BH30	1,200
Donna S Aker, Inst to Clin Inst .....	BX	3,578	BH20	752
				(3,762)
Miles B Hirschev, Clin Inst .....	BH30	1,074	BH30	1,228
Walter G Iverson, Clin Inst .....	BH30	1,074	BH30	1,300
T George Nishida, Clin Inst .....	BH30	1,074	BH30	1,253
Robert J Jacobsen, Clin Inst .....	BH30	1,074	BH30	1,253
Thomas J Emond, Clin Inst .....	BH30	1,074	BH30	1,200
Wayne D Johnson, Clin Inst .....	BH30	1,074	BH30	1,200
Anthony D Romano, Clin Inst .....	BH40	1,432	BH40	1,505
Kenji Horita, Clin Inst .....	BH30	1,074	BH30	1,200
Arthur G Hoaglund, Clin Inst .....	BH20	716	BH20	800
Davey E Lieb, Clin Inst .....	BH30	1,074	BH30	1,200
Chris R Melde, Clin Inst .....	BH20	716	BH20	800
Robert J Eisenring, Res Fellow .....	AT	4,800	AT	5,016
Ainsley T Thorson, Professorial Lecturer to Professorial Lecturer and Director of Dental Asst Programs .....	CH10**	220	BH30	1,000
Irving R Brand, Professorial Lecturer .....	CH20***	640	CH20***	800

\* Winter and spring quarters  
 \*\* Spring quarter  
 \*\*\* Fall quarter

### LAW SCHOOL

Stanley V Kinyon, Prof .....	B	10,200	B	11,300
Kenneth C Davis, Prof .....	B	12,500	B	12,700
Henry Rottschaefer, Prof .....	B	12,138	B	12,700
David W Louisell, Prof to Acting Assoc Dean and Prof .....	B	12,500	A	14,500
William B Lockhart, Prof .....	B	13,500	B	13,700
Edward S Bade, Prof .....	B	9,535	B	10,573
Robert C McClure, Prof .....	B	8,500	B	9,700
Monrad G Paulsen, Prof .....	B	7,750	B	8,750

	Salary 1954-55		Salary 1955-56	
Leon M Liddell, Prof and Librarian .....	A	9,000	A	9,300
Kenneth M Anderson, Prof .....	B	7,750	B	10,000

### COLLEGE OF PHARMACY

Charles H Rogers, Dean .....	A	11,500	A	12,000
Ole Gisvold, Prof .....	B	9,590	B	10,000
Earl B Fischer, Prof .....	B	8,685	B	9,000
Charles V Netz, Prof .....	B	8,685	B	9,000
Taito Soine, Prof .....	B	8,385	B	9,000
Willard J Hadley, Prof .....	B	6,985	B	7,500
Wallace F White, Assoc Prof to Prof .....	B	7,085	B	7,475
Frank E Di Gangi, Assoc Prof .....	B	6,235	B	7,000
Robert H Miller, Asst Prof to Assoc Prof .....	B	5,890	B	6,246
Richard Bachelder, Lecturer .....	CH25*	454	CH25*	481
		(5,453B)		(5,772B)

\* March 16 to June 15

### COLLEGE OF EDUCATION

#### Administration (Dean's Office)

Walter W Cook, Dean and Prof .....	A	13,500	A	14,000
Marcia Edwards, Prof and Assoc Dean .....	A	10,000	A	10,500

#### (Student Personnel Office)

William H Edson, Assoc Prof and Director of Student Personnel .....	A	7,200	A	8,000
Charles J Glotzbach, Inst and Counselor .....	A	4,770	A	5,200
Francis F Pyne, Inst and Counselor .....	AH50	2,385	AH50	2,508
Helen B Krumboltz, Inst and Counselor .....	AH50	2,385	AH50	2,508
George M Christensen, Inst and Counselor .....	AH50	2,385	AH50	2,508

#### Agricultural Education

Milo J Peterson, Prof and Chairman .....	A	9,090	A	9,300*
Harry W Kitts, Assoc Prof .....	B	6,300	A	8,400
Gordon I Swanson, Asst Prof .....	A	6,933	A	7,500

\* Sabbatical furlough January 1—June 30

#### Art Education

Clifton Gayne, Prof and Chairman .....	B	6,600	B	7,100
William R Hastie, Assoc Prof .....	B	6,500	B	7,000
Agnes B Bratlee, Inst .....	B	3,971	B	4,100
James G Cherry, Inst .....	BH76	2,733	BH76	2,859
Stanley G Wold, Inst .....	BH42	1,500	BH75	2,822
		(3,578)		(3,762)

#### General Education

Guy L Bond, Prof .....	B	8,380	B	8,800
Palmer O Johnson, Prof .....	B	8,400	B	8,800
Dora V Smith, Prof .....	B	8,400	B	8,800*
Robert H Beck, Prof .....	B	8,200	B	8,800*
C Gilbert Wrenn, Prof .....	B	8,900	B	9,100
Willis E Dugan, Prof .....	B	8,300	B	8,800
Robert J Keller, Prof .....	B	8,000	B	8,600

	Salary 1954-55		Salary 1955-56	
Nelson L Bossing, Prof .....	B	8,180	B	8,400
Ruth E Eckert, Prof .....	B	7,830	B	8,400
Raymond G Price, Prof .....	B	7,700	B	8,200
Clifford P Archer, Prof .....	B	7,400	B	8,000
Paul R Grim, Prof and Director of Student Teaching .....	A	9,240	A	9,500
Otto E Domian, Prof and Director of Surveys .....	B	7,700	B	8,100
Gordon M A Mork, Assoc Prof .....	B	6,600	B	7,400
Warren G Meyer, Assoc Prof .....	B	6,530	B	6,800
Carl V Goossen, Assoc Prof .....	B	6,330	B	6,800
Maynard C Reynolds, Assoc Prof .....	B	6,050	B	6,800
Frederick E Ellis, Assoc Prof .....	B	5,500	B	6,200
Ned A Flanders, Assoc Prof .....	B	5,600	B	5,800
Theodore W Clymer, Asst Prof .....	B	4,800	B	6,000
William H Strand, Inst and Field Asst to Asst Prof .....	A	4,770**	BX	4,800
Roy C Prentis, Asst Prof .....	B	4,800**	B	5,500
Arnold S Woestehoff, Director of Bureau of Recommendations and Inst .....	A	6,800	A	7,500
Neville P Pearson, Inst .....	B	3,900	B	4,500
Naomi C Chase, Inst .....	B	5,000	B	5,300
Marie L Wagner, Inst .....	BT	3,578	BT	3,762
Inga K Petersen, Inst .....	BH76	2,719	BH76	2,859
Donald E Peaslee, Inst .....	BH50	1,789	BH50	1,881
Raymond O Collier, Inst .....	BH72	2,568	B	4,635
		(3,578)		
William A West, Inst .....	BH50	1,789	BH50	1,881

\* Sabbatical furlough 1955-56

\*\* Bureau of Field Studies and Surveys

#### Home Economics Education

Roxana R Ford, Prof .....	B	5,830	C*	6,175 (7,800A)
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\* September 16 to June 30

#### Trade and Industrial Education

William J Micheels, Prof and Chairman .....	B	8,000	B	8,400
Harold T Widdowson, Prof .....	B	7,200	B	7,500
Howard F Nelson, Assoc Prof .....	B	6,200	B	6,600
William A Kavanaugh, Inst .....	B	4,200	B	5,000
Robert M Worthington, Inst .....	BH50	1,789	BH50	1,881

#### Bureau of Educational Research

Cyril J Hoyt, Assoc Prof and Director of Educational Res .....	B	6,600	B	6,900
Donald G MacEachern, Res Fellow .....	CH50*	596	BH50	1,881
		(3,578B)		(3,762B)
Roland G Buchman, Tchg and Res Asst to Research Fellow .....	BH50**	1,404	BH50	1,881

\* Spring quarter

\*\* General Education and Bureau of Institutional Research

#### Music Education

Paul Ivory, Assoc Prof .....	B	5,900	B	6,300
Arnold F Caswell, Asst Prof .....	B	5,900	B	6,200
Nancy A Edes, Inst .....	BX	3,578	B	3,900

### University Elementary School

	Salary 1954-55			Salary 1955-56
Bette C McVay, Inst .....	B	3,578	B	4,000
Janice A Hanson, Inst .....	B	3,578	B	4,000
Beverly Walden, Inst .....	B	3,800	B	4,200
Lillian J Fuhre, Inst .....	B	3,578	B	4,000
Edna B Koehn, Inst .....	B	3,800	B	4,200

### Psycho-Educational Clinic

Frederick W Ibeling, Inst .....	BH50	1,789	BH50	1,881
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### University High School

Sterling B Mitchell, Inst and Principal .....	A	6,700	A	7,500
Frederick P Abel, Asst Principal and Inst .....	C*	5,000	C*	5,100
		(5,490A)		(6,000A)
Donovan A Johnson, Assoc Prof .....	B	6,000	B	6,800
Emma M Birkmaier, Assoc Prof .....	B	5,800	B	6,000
Clarence H Boeck, Assoc Prof .....	B	5,500	B	6,000
Edith West, Assoc Prof .....	B	5,400	B	5,900
Arthur H Ballet, Asst Prof .....	B	4,500	B	5,400
Paul E Ingwell, Inst .....	B	3,578	B	3,762
Orrin E Gould, Jr, Inst .....	B	3,893	B	4,050
Robert R Randleman, Inst .....	B	3,578	B	3,762
Helen K Stephens, Inst .....	B	3,678	B	3,862
Robert D O'Neill, Inst .....	BH83	3,028	B	3,762
		(3,578)		
Robert L Even, Inst .....	B	3,578	B	3,762
William E Gardner, Inst .....	B	3,578	B	3,762
Florence A Coleman, Inst .....	B	3,578	B	3,762
Lyle M Eakins, Inst .....	B	3,578	B	3,762
Richard A Laliberte, Inst .....	A	4,770	A	5,016
Gareth R Olson, Inst .....	C*	4,125	C*	4,300
		(4,950A)		(5,560A)
William J Grassl, Inst .....	B	3,578	B	3,762
Rita A Pedersen, Inst .....	BH70	2,491**	B	3,762
		(3,578B)		
Dirk Ten Brinke, Inst .....	B	3,578	B	3,762
Lorraine D Sundal, Inst .....	B	3,578	B	3,762
Lee D Stark, Inst .....	B	3,778	B	3,962
Louis L Walters, Inst .....	B	3,578	B	3,762
Ruth A Marfell, Inst and Librarian .....	B	3,713	B	3,900
Marjorie A Swanson, Inst .....	B	3,578	B	3,762
Fred A Johnson, Inst .....	B	3,578	B	3,762
Florence B Miller, Inst .....	B	3,578	B	3,762
Arnold D Mendel, Inst .....	BH75	2,683	BH75	2,822

\* August 16 to June 15

\*\* Music Education and University High School

### SUMMER SESSION

E W Ziebarth, Dean and Prof .....	A	11,250	A	11,750
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### GRADUATE SCHOOL

Theodore C Blegen, Dean and Prof of History	A	15,000	A	15,750
John G Darley, Assoc Dean and Prof of Psychology .....	A	11,500	A	12,000

## MAYO FOUNDATION—EXPERIMENTAL MEDICINE

	Salary 1954-55	Salary 1955-56
Alexander Albert, Assoc Prof (Physiology) to Prof (Physiology) .....	AH 1,500	AH 2,400

### SCHOOL OF BUSINESS ADMINISTRATION

Richard L Kozelka, Dean and Prof .....	A 12,750	A 13,500
Francis M Boddy, Prof to Asst Dean and Prof .....	B 9,180	B 10,480
Dale Yoder, Prof .....	B 10,908	B 11,808
Leonid Hurwicz, Prof .....	B 10,506	B 11,206
Walter W Heller, Prof .....	B 8,780	B 10,080
Oswald H Brownlee, Prof .....	B 9,130	B 10,000
Richard K Gaumnitz, Asst Dean and Prof to Prof .....	A 9,540	B 9,140
Carl L Nelson, Prof .....	B 8,080	B 9,380
Edmund A Nightingale, Prof .....	B 7,680	B 8,480
J Warren Stehman, Prof .....	B 7,980	B 8,280
John G Turnbull, Prof .....	B 7,230	B 8,030
Edwin H Lewis, Prof .....	B 7,150	B 8,000
Ben B Sutton, Assoc Prof .....	B 5,730	B 6,930
Robert J Holloway, Assoc Prof .....	B 5,680	B 6,880*
John A Buttrick, Assoc Prof .....	B 6,200	B 6,800
Lloyd Ulman, Assoc Prof .....	B 5,890	B 6,590
C Arthur Williams, Jr, Asst Prof to Assoc Prof .....	B 5,305	B 6,505
Arthur M Borak, Assoc Prof .....	B 6,180	B 6,480
Joseph P McKenna, Assoc Prof .....	B 5,540	B 6,340
Harlan M Smith, Assoc Prof .....	B 5,600	B 6,200
Ernestine C Donaldson, Assoc Prof .....	B 5,485	B 6,000
Albert K Wickesberg, Lecturer to Assistant Prof .....	B 4,900	B 6,100
Stanley C Hollander, Asst Prof .....	B 5,200	B 6,000
Reuel I Lund, Asst Prof .....	BP 5,088	BP 5,888
Philip T Meyers, Lecturer to Asst Prof .....	B 4,500	B 5,700
Edward Coen, Asst Prof .....	B 5,000	B 5,400
Naomi M Peterson, Asst Prof .....	BP 5,000	BP 5,300
Edmund J McCarthy, Inst .....	BH50 1,789	BX 4,500
Ruth C Stanley, Inst .....	BHX75 2,684	BHX75 2,822
Bernard J Marks, Inst .....	BH50 1,789	BH50 1,881
Robert K Jaedicke, Inst .....	BH50 1,789	BH50 1,881
Marcus Alexis, Inst .....	BH50 1,789	BH50 1,881
Harold Demsetz, Inst .....	BH50 1,789	BH50 1,881
Lawrence E Rudberg, Inst .....	BH50 1,789	BH50 1,881
Dwight J Zulauf, Inst .....	BH50 1,789	BH50 1,881
Charles R Purdy, Inst .....	BH50 1,789	BH50 1,881
Keith R Heller, Inst .....	BH50 1,789	BH50 1,881
Robert G Ayer, Inst .....	CH50** 1,193	BH50 1,881
Robert T Miki, Inst .....	CH50** 1,193	BH50 1,881
Martin D Kessler, Inst .....	BH50 1,789	BH50 1,881
Austin C Hoggatt, Inst .....	BH50 1,789	BH50 1,881
Mohamed Ali Selim, Inst .....	BH50 1,789	BH50 1,881
Stephen H Archer, Inst .....	BH50 1,789	BH50 1,881
Richard W Johnson, Inst .....	BH14 501	BH14 527
Warren E Eastlund, Inst .....	BH14 501	BH14 527
Wells J Wright, Lecturer .....	BH75 4,042	BH75 4,350

	Salary 1954-55	Salary 1955-56
Philip Neville, Lecturer .....	BH60 2,705	BH60 3,000
Benjamin Palmer, Lecturer .....	BH25 1,516	BH25 1,666
Lillian P Werner, Lecturer .....	C*** 1,300	BHX66 3,000

- \* Leave without salary
- \*\* Winter and spring quarters
- \*\*\* Spring quarter

#### Industrial Relations Center

Herbert G Heneman, Jr, Prof .....	A 9,900	A 10,300
Marvin D Dunnette, Res Assoc .....	A 6,000	A 6,540
Thomas Mahoney, Res Fellow and Inst .....	B 4,050	B 4,250

#### GENERAL COLLEGE OF THE UNIVERSITY

Horace T Morse, Dean and Prof .....	A 11,500	A 12,000
Alfred L Vaughan, Asst Dean and Prof Physical Science to Assoc Dean and Prof Physical Science .....	A 9,690	A 10,200
Henry Borow, Assoc Prof Vocational Orientation to Prof Psychological Studies .....	B 6,780	B 7,380
Merrill P Rassweiler, Assoc Prof Physical Science and Mathematics .....	B 5,700	B 6,200
Wayne J Anderson, Asst Prof Home Life Orientation .....	BP 5,585	BP 5,935
Gerald Hill, Asst Prof General Arts .....	BP 4,935	BP 5,285
Dorothy L Sheldon, Asst Prof Literature and Writing .....	BP 4,435	BP 4,750
Virginia M Kivits, Asst Prof Literature and Writing .....	BP 4,735	BP 5,000
Louis T Safer, Asst Prof General Arts .....	B 4,410	B 4,935
Evelyn H Determan, Asst Prof Retailing .....	CP* 4,800	CP* 5,243
Donald E McCoy, Asst Prof Literature and Writing .....	B 4,460	B 4,935
Nina Draxten, Asst Prof Literature and Writing .....	B 4,650	B 4,850
Norman W Moen, Inst and Adm Asst .....	A 5,650	AX 6,050
Walter Leino, Inst in Individual Orientation .....	C** 3,878	C** 4,180
Evelyn U Hansen, Inst .....	B 3,900	B 4,200
Douglas M Dearden, Inst .....	B 4,000	B 4,350
Mary L Rice, Inst to Inst in Literature and Writing .....	BX 3,578	B 3,862
Frank T Benson, Jr, Inst .....	B 3,778	B 3,978
William A Stockdale, Inst .....	B 3,778	B 4,100
Forrest Harris, Inst .....	B 3,578	B 3,962
Thomas F Stovall, Inst .....	B 3,800	B 4,300
Jerome E Gates, Inst .....	BH50 1,789	B 3,762
	(3,578)	
Jess D Hartley, Jr, Inst .....	BH67 2,386	B 3,762
	(3,578)	
Esther J Olson, Inst in Oral Communication .....	BX 4,463	BHX65 2,901
George McCutcheon, Inst .....	BHX50 1,850	BHX50 1,881
David Bjork, Inst .....	BH50 1,789	B 3,762
Alex Kurak, Inst .....	CH67*** 1,458	B 3,762
	(3,578B)	

	Salary 1954-55	Salary 1955-56
Victor Newcomb, Inst .....	C**** 1,050	C**** 1,150
Eva E Ellis, Inst .....	CH***** 1,193	CH***** 1,254
* September 1 to June 15		
** September 1 to June 30		
*** January 1 to June 15		
**** April 1 to June 15		
***** 67% time December 16 to March 15; 33% time March 16 to June 15		

## DULUTH BRANCH

### Administration (General)

Raymond W Darland, Provost and Prof .....	A	11,000	A	11,750
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### (Academic Dean)

Thomas W Chamberlin, Academic Dean and Prof .....	A	9,200	A	9,900
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### (Student Personnel Service)

Harriet Harrison, Asst Prof—Student Counselor .....	BP	5,135	BP	5,235
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### Professional Education Division

#### (Education, Industrial Education, Home Economics, and Psychology)

Valworth R Plumb, Prof and Chairman .....	A	8,740	A	9,509
Ruth Palmer, Prof and Head .....	B	7,050	B	7,300
Frank J Kovach, Asst Prof and Head .....	BP	5,500	BP	5,750
Gordon O Voss, Asst Prof .....	BP	5,400	BP	5,650
Hubert M Loy, Asst Prof to Assoc Prof .....	B	5,060	B	5,560
Mary L Bouldin, Asst Prof .....	B	5,000	B	5,150
Dorothy D Smith, Asst Prof .....	BP	4,800	BP	5,100
Flora M Staple, Asst Prof .....	BP	4,600	BP	4,835
Eleanor P Bonte, Asst Prof .....	BH25	1,150	BH25	1,159
Eleanor E Kraker, Inst .....	B	4,200	B	4,400
Thomas W Walton, Inst .....	BX	3,673	B	3,900
Peter C Apostolakos, Lecturer .....	B	4,800	B	5,200
Frank W Hansen, Lecturer .....	B	4,800	B	5,200

### (Laboratory School)

Harry C Johnson, Prof and Head (Elem Education) .....	B	7,050	B	7,300
John E Verrill, Asst Prof and Principal .....	BP	5,200	BP	5,450
Helen Urquhart, Asst Prof .....	BP	4,800	BP	5,100
Ruth E Green, Asst Prof .....	B	4,700	B	5,000
John J Jurkovich, Inst .....	B	4,500	B	4,600
Merle Bryant, Inst .....	BX	4,400	B	4,700
Jeannette Bruce, Inst .....	BP	4,350	BP	4,550
George D Peterson, Inst .....	BX	4,100	B	4,300
Donna Wolean, Inst .....	BX	4,000	B	4,200
Mabel D Schauland, Inst .....	BX	4,400	B	4,600

### (Physical Education—Men)

Lewis J Rickert, Asst Prof and Head, Athletic Director .....	A	7,100	A	7,300
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	Salary 1954-55	Salary 1955-56
Lloyd W Peterson, Asst Prof .....	CP* 6,200 (7,440A)	CP* 6,400 (7,680A)
Ward M Wells, Asst Prof to Assoc Prof .....	BP 5,400	B 5,850
Norman H Olson, Inst .....	B 5,000	B 5,350

\* August 16 to June 15

**(Physical Education—Women)**

Elizabeth Graybeal, Prof and Head .....	B 7,050	B 7,300
Ruth H Richards, Asst Prof .....	B 5,000	B 5,300
Joann M Johnson, Inst .....	B 3,700	B 4,062
Ann van Steinburg, Inst .....	BHX50 1,800 (3,600)	BHX13 470 (3,762)

**Science and Mathematics**

**(Chemistry)**

Moses Passer, Assoc Prof .....	B 5,335	B 5,800
Anna M Duval, Asst Prof .....	B 4,500	B 4,635
Jack C Holland, Inst .....	BHX33 1,388 (4,165)	BHX50 2,300 (4,600)
Jim G Malik, Inst .....	B 4,200	B 4,600
Francis B Moore, Lecturer to Assoc Prof .....	BX 6,000	B 6,300

**(Biology)**

Theron O Odlaug, Prof and Head .....	B 6,780	B 7,200
Olga Lakela, Prof and Curator of Herbarium .....	B 6,500	B 6,800
Mark M Keith, Assoc Prof .....	B 6,500	B 6,600
Huai C Chiang, Asst Prof .....	B 4,850	B 5,000
Pershing B Hofslund, Asst Prof .....	B 4,700	B 4,900
Blanchard O Krogstad, Asst Prof .....	B 4,410	B 4,635
John B Carlson, Inst .....	BX 4,300	BX 4,400

**(Geology)**

Robert L Heller, Assoc Prof .....	B 5,935	B 6,300
Henry Lepp, Asst Prof .....	B 5,000	B 5,100

**(Physics)**

Howard G Hanson, Asst Prof and Head to Assoc Prof and Head .....	BP 5,900	B 6,300
Elliot H Weinberg, Asst Prof .....	B 5,435	B 5,600
Donald E Olson, Inst .....	BX 4,600	B 4,700

**(Mathematics and Engineering)**

William R McEwen, Prof and Chairman .....	B 7,530	B 7,980
Clarence B Lindquist, Prof and Head .....	B 7,280	B 7,400
Mary I Elwell, Asst Prof .....	BP 5,000	BP 5,100
Donald H Jackson, Asst Prof .....	B 4,900	BP 5,000
John E Hafstrom, Inst to Asst Prof .....	B 4,400	B 5,000

**Humanities Division**

**(Language, Literature, and Philosophy)**

R Dale Miller, Prof and Chairman .....	B 7,630	B 8,080
Henry J Ehlers, Assoc Prof to Prof .....	B 6,200	B 6,500
William A Rosenthal, Assoc Prof and Head .....	B 5,600	B 6,000

		Salary 1954-55		Salary 1955-56
Ellen A Frogner, Assoc Prof .....	B	5,200	B	5,500
Wendell P Glick, Asst Prof to Assoc Prof .....	B	5,000	B	5,500
Albert Tezla, Asst Prof .....	B	5,000	BP	5,500
Thomas G Sturgeon, Asst Prof .....	B	4,800	B	5,100
Lily Salz, Asst Prof .....	BP	4,495	BP	4,635
Mabel L Culkin, Asst Prof .....	BP	4,535	BP	4,835
Joseph E Duncan, Inst .....	B	4,000	B	4,200

(Art)

Arthur E Smith, Assoc Prof and Head .....	B	5,600	B	6,100
Fred J Triplett, Asst Prof .....	B	4,600	BP	4,835
Harold A Stueland, Asst Prof .....	B	4,600	BP	4,835*
Orazio Fumagalli, Asst Prof .....	BX	4,500	BX	4,635

\* Sabbatical furlough

(Music)

Maurice M Callahan, Asst Prof .....	B	5,000	B	5,500
James E Smith, Asst Prof .....	BP	4,600	BP	4,835
E Ruth van Appledorn, Asst Prof .....	BP	4,600	BP	4,635
C Lindsley Edson, Asst Prof .....	B	4,410	B	4,635
Allen L Downs, Asst Prof .....	B	4,800	BP	4,900
Robert E Beverley, Asst Prof .....	B	4,410	BP	4,635

(Speech and Dramatics)

Mason A Hicks, Asst Prof and Head .....	B	5,435	B	5,635
Harold L Hayes, Asst Prof to Assoc Prof .....	B	5,300	B	5,850
Robert F Pierce, Asst Prof to Assoc Prof .....	B	6,000	B	6,350

Social Studies

Richard O Sielaff, Prof and Chairman .....	B	7,550	B	8,000
Gerhard E von Glahn, Prof and Head .....	B	7,000	B	7,400
Maude L Lindquist, Prof and Head .....	B	6,600	B	6,800
Emmett Davidson, Assoc Prof to Prof .....	B	6,200	B	6,600
Lyda C Belthuis, Assoc Prof to Prof and Head B		6,075	B	6,575
Cecil H Meyers, Assoc Prof .....	B	5,850	B	6,400
John A Dettmann, Asst Prof to Assoc Prof .....	BP	5,950	B	6,400
Robert C Murray, Lecturer .....	CX*	1,350	B	4,300
		(4,000B)		
Julius F Wolff, Jr, Asst Prof to Assoc Prof .....	BP	5,000	B	5,300
James F Maclear, Asst Prof .....	BP	5,100	BP	5,300
Ellis Livingston, Asst Prof .....	B	4,800	BP	5,200
Virgil Kroeger, Inst .....	B	4,750	B	5,050
Evelyn Grovom, Inst .....	B	4,200	B	4,400
Arvid N Pearson, Lecturer to Assoc Prof and Head .....	B	5,250	B	6,000
Philip Friest, Lecturer .....	B	5,000	B	5,200
Reyburn Roulston, Lecturer .....	B	4,600	B	4,900
Frederick Witzig, Lecturer to Inst .....	B	4,500	B	4,800

\* Spring quarter

PHYSICAL EDUCATION AND ATHLETICS FOR MEN

Isaac J Armstrong, Director-Prof .....	A	13,750	A	14,500
Louis F Keller, Prof-Asst Director .....	B	9,384	B	9,600

	Salary 1954-55		Salary 1955-56	
Murray A Warmath, Head Football Coach and Prof	C*	15,000	C*	15,750
Ralph A Piper, Prof	B	6,791	B	7,100
Osborne B Cowles, Assoc Prof	B**	10,149	B**	10,650
Clarence Osell, Assoc Prof	B	5,294	B	5,500
Niels Thorpe, Assoc Prof to Prof	B	5,501	B	5,751
James D Kelly, Assoc Prof	B	7,630	B	8,000
Gerald B Fitzgerald, Lecturer	B	6,280	B	6,700
H Robert Giles, Assoc Prof	B	5,655	B	5,940
Phil Brain, Asst Prof	BP	4,861	BP	5,000
Maurice Ostrander, Asst Prof to Assoc Prof	BP	5,195	B	5,500
Lester H Bolstad, Asst Prof	A**	6,224	A**	6,450
Lloyd Stein, Asst Prof	BP	5,095	BP	5,300
Frederick M Chapman, Asst Prof	B	5,000	B	5,225
Clarence E Mueller, Inst	B	4,800	B	5,100
George A Nash, Inst-Coach	A**	6,500	A**	6,700
Richard W Siebert, Inst-Coach	B**	5,000	B**	5,500
Lloyd Boyce, Inst Trainer and Coach to Asst Prof	B**	4,473	B**	4,635
Joseph D Vancisin, Inst-Coach	B**	4,813	B**	5,063
Denver J Crawford, Coach-Inst	C**	9,000	C**	9,100
Billy Jack Murphy, Coach-Inst	C**	8,000	C**	8,300
James V Camp, Coach-Inst	C**	6,500	C**	7,000
Charles W Hildebrand, Coach-Inst	C**	6,500	C**	7,000
Wallace T Johnson, Coach-Inst	C**	5,747***	C**	6,000***

\* Tenure not applicable

\*\* Annual appointment, tenure not applicable

\*\*\* Appointment approved annually, Sept 16 to June 15; payroll dates cover Sept 16 to June 15

### PHYSICAL EDUCATION FOR WOMEN

Gertrude M Baker, Director and Prof	B	7,850	B	8,500
Eloise Jaeger, Asst Prof to Assoc Prof	BP	5,200	B	6,000
Helen M Slocum, Asst Prof	B	5,000	B	5,400
Florence Tenney, Asst Prof	BP	4,600	BP	4,800
Jean A Burgess, Asst Prof	B	4,500	B	4,700
Else Bockstruck, Asst Prof	B	4,410	BP	4,760
Helen Hauptfuehrer, Asst Prof	B	4,500	BP	4,800
Suzanne Tinker, Asst Prof	BP	4,410	BP	4,635
Mary Jo Reiter, Inst	B	3,700	B	3,900

### EXTENSION DIVISION

#### Administration

Julius M Nolte, Dean and Prof	A	11,250	A	11,750
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#### Extension Classes

Huntington Miller, Assoc Prof, Asst Dean and Program Director	A	7,500	A	8,000
Albert M Fulton, Asst Prof Speech, Head Veterans' Affairs to Assoc Prof Speech, Head Veterans' Affairs	AP	6,200	A	6,500
Wendell White, Assoc Prof Psychology	C*	6,000	C*	6,200
		(7,200A)		(7,440A)

	Salary 1954-55	Salary 1955-56
Immanuel C Fischer, Asst Prof Engineering .....	CP* 5,500 (6,600A)	CP* 5,700 (6,840A)
Leah M Lewis, Asst Prof Interior Design .....	BP 4,800	BP 5,000
Helen P Mudgett, Asst Prof .....	BP 4,900	BP 5,100
Gilford W Remington, Asst Prof, Head Duluth Office .....	A 6,700	A 6,900
William A Porter, Asst Prof, Head Minne- apolis Office and Institute Program Direc- tor .....	AP 6,980	AP 7,000
Robert C Slater, Inst, Asst Director—Applied Mortuary Science to Asst Prof, Asst Di- rector—Applied Mortuary Science .....	A 5,750	A 6,180
Walter H Uphoff, Asst Prof .....	B 5,400	B 6,000
Eleanor M Salisbury, Asst to the Dean to Inst, Asst to the Dean .....	A 4,500	A 5,100

\* September 1 to June 30

#### Correspondence Study Instruction

F Lloyd Hansen, Asst Prof and Director of Correspondence Study .....	AP 6,900	AP 7,100
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#### Radio Broadcasting

Burton Paulu, Mgr to Asst Prof and Mgr of Radio Station .....	A 7,560	A 7,800
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#### Municipal Reference Bureau

Clarence C Ludwig, Prof, Director .....	B 9,130	B 9,630
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#### Center for Continuation Study

Frederick E Berger, Asst Prof and Director .....	AP 7,300	AP 7,800
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#### State Organization Service

William C Rogers, Asst Prof Political Science, Director .....	AP 7,000	AP 7,300
Barbara J Stuhler, Inst, Program Coordinator	A 4,770	A 5,100

#### MINNESOTA CENTER FOR PHILOSOPHY OF SCIENCE

Michael Scriven, Inst .....	BTX 4,700	BT 5,000
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#### STUDENTS' HEALTH SERVICE—MEDICAL

Ruth E Boynton, Prof and Director .....	A 11,800	A 12,500
Donald W Cowan, Assoc Prof and Asst Di- rector, Medical Services .....	A 10,500	A 11,000
Robert G Hinckley, Assoc Prof, Mental Hy- gienist .....	B 9,000	B 9,200
H Douglas Lamb, Asst Prof, Mental Hygienist	BP 8,500	BP 8,700
Myron G Messenheimer, Asst Prof, Mental Hygienist .....	BP 8,750	BP 8,950
Phillip D Kernan, Physician, Asst Prof .....	A 9,500	A 10,000
Philip W Hursh, Physician .....	A 8,400	A 8,800
Murray Bates, Physician, Inst to Physician, Asst Prof .....	B 7,000*	B 7,500*

	Salary 1954-55		Salary 1955-56	
Hugh J Thompson, Physician .....	A	8,500	A	9,000
Stella H Sikkema, Physician .....	B	7,100	B	7,500
Robert J Tenner, Physician, Clin Asst Prof (Proctology) .....	BH40	2,754	BH40	3,000
Orville E Ockuly, Clinic Physician (Derma- tology) .....	AH44	2,754	AH44	3,000
Lydia I Neibergs, Physician (Ophthalmologist) .....	A	8,400	A	9,000
Maurice A Shillington, Physician .....	BT	7,000	BT	7,600
Lydia M Hermann, Asst Prof and Social Wkr .....	B	5,400	BP	5,600
Dorothy E Smith, Inst, Psychiatric Social Wkr .....	A	4,200	A	4,500
Edward J Dvorak, Inst and Health Educator .....	B	5,400	B	5,700

\* Non-salaried status in School of Public Health

#### Division of Environmental Health

Richard G Bond, Assoc Prof, Public Health Engineer .....	B	6,800	B	7,200
George S Michaelsen, Asst Prof, Industrial Health Engineer .....	A	7,200	A	7,400
John Morris, Inst and Safety Supv .....	A	6,300	A	6,500
Ralph O Wollan, Inst and Health Physicist .....	A	5,500	A	6,000

#### UNIVERSITY PRESS

Helen Clapesattle, Assoc Prof and Director of Univ Press .....	A	7,200	A	8,000
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#### TABULATING DEPARTMENT

Eileen W Leary, Lecturer .....	BH33	1,193	BH33	1,254
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#### SEED DISTRIBUTION FUND

Roy L Thompson, Research Fellow .....	AHT60	2,880 (4,800)	AHT*	4,076 (5,016)
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\* 100% time July 1 to September 30; 75% time October 1 to June 30

#### BUREAU OF FIELD STUDIES AND SURVEYS

Samuel W Harvey, Inst and Field Asst .....	A	4,770	A	5,016
Clyde O Bezanson, Inst and Field Asst .....	AH85	4,055	AH85	4,264
Karl J Vander Horck, Inst and Field Asst .....	A	4,770	A	5,016
Frank H Smith, Inst and Field Asst .....	A	4,770	A	5,016

#### STATE-WIDE HIGH SCHOOL TESTING PROGRAM

Edward O Swanson, Inst and Sr Student Per- sonnel Worker .....	A	5,800	A	6,200
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#### AMERICAN LEGION HEART RESEARCH PROFESSORSHIP

Robert A Good, Prof .....	A	10,000	A	11,000
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## HORMEL INSTITUTE

		Salary 1954-55		Salary 1955-56
Ralph T Holman, Assoc Prof .....	AT	7,200	AT	7,500
Jacques R Chipault, Assoc Prof .....	AT	6,350	AT	6,650
Hermann Schlenk, Assoc Prof .....	AT	6,500	AT	7,000
Orville S Privett, Asst Prof to Assoc Prof .....	AT	6,350	AT	6,650
Arnold Lund, Asst Prof .....	AT	6,100	AT	6,180
David C England, Asst Prof .....	AT	6,150	AT	6,450
Eldon G Hill, Res Fellow to Asst Prof .....	AT	5,200	AT	6,180
Nora L Larson, Res Fellow .....	AT	5,650	AT	5,900
Wilbur E Dallenbach, Res Fellow .....	AT	5,000	AT	5,400
Helmut Mangold, Res Fellow .....	AT	4,770	AT	5,300
James J Peifer, Res Fellow .....	AT	4,770	AT	5,300

## MINNEAPOLIS GENERAL HOSPITAL FELLOWSHIPS

Harriet M Juckem, Inst and Clin Psychologist	AT	4,770	AT	5,016
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## ACADEMIC PROMOTIONS WITHOUT CHANGE IN SALARY BASE RATE AND OTHER ADJUSTMENTS, 1955-56

### LIBRARY

#### Acquisitions Department

James Kingsley, Chief Order Librarian and Asst Prof to Asst Prof and Chief Acquisition Librarian .....	A	6,600	A	6,600
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#### Catalog Department

Wesley Simonton, Chief Catalog Librarian and Asst Prof to Asst Prof and Chief Catalog Librarian .....	A	6,600	A	6,600
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## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

### Geography

Fred E Lukerman, Inst .....	BHX83	3,333* (4,000)	B	4,000
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\* General Studies

### Political Science

Floyd O Flom, Asst Prof .....	CHTX67*	3,600 (5,400B)	BX	5,400
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\* Winter and spring quarters

## INSTITUTE OF TECHNOLOGY

### Civil Engineering and Hydraulics (Civil Engineering [and Hydromechanics])

Reuben M Olson, Lecturer .....	CT*	1,980 (5,940B)	B	5,940
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\* Spring quarter

### Mathematics

	Salary 1954-55		Salary 1955-56
William J A Culmer, Inst .....	BHX75 3,000 (4,000)	BX	4,000

### Mechanical Engineering

Coleman D Fitz, Res Assoc to Lecturer .....	CH25* 840 (5,040B)	BH25	1,260 (5,040B)
Paul J Schneider, Lecturer to Res Assoc .....	BT 5,000	BH50	2,500

\* Winter and spring quarters

## INSTITUTE OF AGRICULTURE

### Poultry Husbandry

Paul E Waibel, Res Assoc to Asst Prof .....	A 6,500*	A	6,500
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\* Experiment Station Funds

### School of Veterinary Medicine

#### (Division of Veterinary Medicine and Clinics)

John N Campbell, Prof and Head to Prof .....	A 8,700	A	8,700
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### Agricultural Extension Service

Harold K Anderson, Inst District Supv 4-H Club Work to Inst District 4-H Club Leader .....	A 5,800	A	5,800
Alden M Booren, Acting Agr Agent Asst Prof Freeborn Co to Asst Co Agr Agent Free- born Co .....	AHX77 4,520 (5,850)	A	5,850

## COLLEGE OF MEDICAL SCIENCES

### Medicine

#### (Division of Internal Medicine)

Paul Frick, Inst and Admitting Physician to Inst .....	A 5,700	A	5,700*
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\* Leave of absence without salary 1955-56

### Otolaryngology

Lawrence R Boies, Clin Prof and Head to Prof and Head .....	AH75 9,000 (12,000)	A	12,000
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### Surgery

#### (Division of Neurosurgery)

Lyle A French, Assoc Prof .....	AH38 3,000 (8,000)	AH44	3,500 (8,000)
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#### (Division of Orthopedic Surgery)

Wallace H Cole, Prof, Director of Division .....	AH20 1,898 (9,490)	AH22	2,100 (9,490)
Harry B Hall, Clin Assoc Prof .....	AH17 1,365 (8,000)	AH18	1,400 (8,000)
Malvin J Nydahl, Clin Asst Prof .....	AH18 1,045 (5,880)	AH19	1,100 (5,880)

## PHYSICAL MEDICINE AND REHABILITATION

	Salary 1954-55	Salary 1955-56
Joseph P Engel, Clin Inst (Physical Medicine)	AH25 1,163 (4,770)	AH23 1,163 (5,016)

## SCHOOL OF DENTISTRY

Mark O Pattridge, Clin Prof .....	BHP60 4,458 (7,430B)	BHP40 2,972 (7,430B)
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## DULUTH BRANCH

### Professional Education Division

(Education, Industrial Education, Home Economics, and Psychology)

Katharine K Snell, Inst .....	BX 4,500	CX* 3,000 (4,500B)
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\* September 16 to March 15

### Humanities Division

(Music)

Addison M Alspach, Prof and Head to Prof .....	B 6,700	B 6,700
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### Social Studies

Norman H Cooke, Lecturer to Inst .....	BX 4,400	B 4,400
Edward D Courtney, Lecturer .....	BH25 1,153 (4,612B)	CHX25* 385 (4,612B)

\* Winter quarter

## ANCKER HOSPITAL FELLOWSHIPS

William F Mazzitello, Inst Medicine to Asst Prof Medicine .....	AT 8,000*	AT 8,000*
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\* January 1 to June 30 period subject to availability of funds

## ACADEMIC SALARY ADJUSTMENTS BELOW THE RANK OF INSTRUCTOR, 1955-56

### OFFICE OF THE DEAN OF STUDENTS

#### Foreign Student Adviser

Evelyth M Schechter, Adm Fellow .....	AH50 1,872	AH50 2,004
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#### Student Counseling Bureau

William W Trousdale, Clinical Fellow .....	AH50 1,872	AH50 2,004
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#### Bureau of Student Loans and Scholarships

Donald H Zdenek, Adm Fellow .....	AH50 1,872	AH50 2,004
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### PLACEMENT INQUIRIES CLEARANCE OFFICE

Richard A Gislason, Adm Fellow .....	AH50 1,872	AH50 2,004
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## BUREAU OF INSTITUTIONAL RESEARCH

	Salary 1954-55	Salary 1955-56
Robert Zimmerman, Res Asst .....	BH50 1,404	BH50 1,503

### COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

#### Administration (Junior College)

Richard R Stephenson, Tchg Asst .....	BHT50 1,404	BHT50 1,503
Reinald Heise, Tchg Asst .....	BHT50 1,404	BHT50 1,503
Harley Christiansen, Tchg Asst .....	BHT50 1,404	BHT50 1,503
Lila Nentwick, Tchg Asst .....	BHT50 1,404	BHT50 1,503
Maxwell Alvord, Tchg Asst .....	BHT50 1,404	BHT50 1,503

#### Botany

Sue Maule, Tchg Asst .....	BH50 1,404	BH50 1,503
Joseph D Novak, Tchg Asst .....	BH50 1,404	BH50 1,503
A Vincent Weber, Tchg Asst .....	BH50 1,404	BH50 1,503
John R Rowley, Tchg Asst .....	BH50 1,404	BH50 1,503

#### English

Susan N Edelmann, Tchg Asst .....	CH33* 312	BHX67 2,004
John W Velz, Tchg Asst .....	BHX67 1,872	BHX67 2,004
Mary Jane Loso, Tchg Asst .....	BHX33 936	BHX33 1,002
Edwy B Lee, Tchg Asst .....	BH33 936	BH33 1,002
Joan Griscom, Tchg Asst .....	BH33 936	BH33 1,002
Harold W Schneider, Tchg Asst .....	CH67* 624	BH67 2,004
Floyd L McAlister, Tchg Asst .....	CH67* 624	BH67 2,004
Edgar V Roberts, Tchg Asst .....	BH67 1,872	BH67 2,004
Zoe L Wilkerson, Tchg Asst .....	BH33 936	BH33 1,002
Barbara S Marx, Tchg Asst .....	BH50 1,404	BH50 1,503
Sumner J Ferris, Tchg Asst .....	BH50 1,404	BH50 1,503
Ove J H Preus, Tchg Asst .....	BH50 1,404	BHX33 1,002
Nancy M Goldberg, Tchg Asst .....	BH50 1,404	BH67 2,004
Robert D Foulke, Tchg Asst .....	CH67** 1,248	BHX33 1,002

\* Spring quarter

\*\* Fall and winter quarters

#### Geography

Russell B Adams, Tchg Asst .....	BH50 1,404	BH50 1,503
Roland Chardon, Tchg Asst .....	BH50 1,404	BH50 1,503
Barbara L Fenton, Tchg Asst .....	BH50 1,404	BH50 1,503

#### Geology and Mineralogy

Harry M Gehman, Jr, Tchg Asst .....	BH50 1,404	BH50 1,503
Norman J Brown, Tchg Asst .....	BH25 702	BH25 752

#### German

Raimonds R Miesnieks, Tchg Asst .....	BH50 1,404	BH50 1,503
Kenneth L Nabors, Tchg Asst .....	BH50 1,404	BH50 1,503
Fred A Krugel, Tchg Asst .....	BH50 1,404	BH50 1,503

#### History

Joseph Boskin, Tchg Asst .....	BHX50 1,404	BHX50 1,503
Joan Fagerlie, Tchg Asst .....	BH50 1,404	BH50 1,503

	Salary 1954-55		Salary 1955-56	
Robert A Goldstein, Tchg Asst .....	BH50	1,404	BH50	1,503
Ivo Lambi, Tchg Asst .....	BH50	1,404	BH50	1,503
Alan Lawrance, Tchg Asst .....	BH50	1,404	BH50	1,503
Anne W Lommel, Tchg Asst .....	BHX50	1,404	BHX50	1,503
Kenneth McVey, Tchg Asst .....	BH50	1,404	BH50	1,503
Margaret Mahoney, Tchg Asst .....	BH50	1,404	BH50	1,503
Michael Kay, Tchg Asst .....	BH50	1,404	BH50	1,503
Howard Reinmuth, Tchg Asst .....	BH50	1,404	BH50	1,503
Leslie F S Upton, Tchg Asst .....	BH50	1,404	BH50	1,503

#### Mathematics

David A Woodward, Tchg Asst .....	BHX33	936	BH33	1,002
Stanley J Rappoport, Tchg Asst .....	BHX33	936	CHX*	668
Dale E Varberg, Tchg Asst .....	BHX33	936	BHX33	1,002

\* 67 per cent time fall quarter

#### General Studies

Donald Jobs, Tchg Asst .....	BH33	936	BH33	1,002
Luisa Saniel, Tchg Asst .....	BH50	1,404	BH50	1,503
George Klinger, Tchg Asst .....	BH33	936	BH33	1,002
Phyllis Fine, Tchg Asst .....	BH33	936	BH33	1,002
Frank Friedl, Tchg Asst .....	BH50	1,404	BH50	1,503
John M Bell, Tchg Asst .....	BH25	702	BH33	1,002
Veronica Szasz, Tchg Asst .....	CH25*	468	BH33	1,002
Douglas George, Tchg Asst .....	BH25	702	BH25	752
Robert Beck, Tchg Asst .....	BH25	702	BH25	752
Khalil Hamouda, Tchg Asst .....	CH25**	234	BH25	752
Keith J Petersen, Tchg Asst .....	CH25**	234	BH33	1,002
Alfred Stern, Tchg Asst .....	BH50	1,404	BH50	1,503
Bert O Thomas, Tchg Asst .....	BH50	1,404	BH50	1,503

\* Winter and spring quarters

\*\* Spring quarter

#### Philosophy

Patricia Crawford, Tchg Asst .....	BHX50	1,404	BHX50	1,503
Grover Maxwell, Tchg Asst .....	BHX50	1,404	BHX50	1,503

#### Physics

Franklin Byrnes, Tchg Asst .....	BHT50	1,404	BHT50	1,503
Yung-Su Tsai, Tchg Asst .....	BHT50	1,404	BH50	1,503
Allen Malmberg, Tchg Asst .....	BH50	1,404	BH50	1,503
Vidya Bhanot, Tchg Asst .....	BHT50	1,404	BH50	1,503
Robert R Brown, Tchg Asst .....	BHT50	1,404	BH50	1,503
Kenneth V Moore, Tchg Asst .....	BH50	1,404	BH65	1,954
Sheau-Wu-Chen, Tchg Asst .....	BHT50	1,404	BH50	1,503
Robert Vik, Tchg Asst .....	BH50	1,404	BH50	1,503
Carl Wertz, Tchg Asst .....	BH50	1,404	BH50	1,503

#### Political Science

Stanislaw Staron, Tchg Asst .....	BH50	1,404	BH50	1,503
Geoffrey Cornog, Res Fellow to Tchg Asst .....	AH50	2,385*	BH67	2,004
John E Rue, Tchg Asst .....	BH50	1,404	BH50	1,503
Joseph Nyomarkay, Tchg Asst .....	CHX50**	936	BH50	1,503
Charles W Lee, Tchg Asst .....	CHX50**	936	BH50	1,503

\* Public Administration Center

\*\* Winter and spring quarters

### Psychology

	Salary 1954-55		Salary 1955-56	
Thomas J Kiresuk, Tchg Asst .....	BH38	1,067	BH38	1,142
Michael Mecherikoff, Tchg Asst .....	BH25	702	BH38	1,142
Yoshimasa Naitoh, Tchg Asst .....	BH38	1,067	BH38	1,142
Richard W Faunce, Tchg Asst .....	BH38	1,067	BH38	1,142

### Romance Languages

Philip A Benson, Tchg Asst .....	CHX55*	546	BH50	1,503
Erwin B Peterson, Tchg Asst .....	BHX50	1,404	BH50	1,503
Janis Pallister, Tchg Asst .....	BHX50	1,404	BH50	1,503
Richard Winslow, Tchg Asst .....	BHX50	1,404	BH50	1,503
MacRae Bartholomew, Tchg Asst .....	BH50	1,404	BH50	1,503
Patricia Jaeger, Tchg Asst .....	BH50	1,404	BH50	1,503

\* Spring quarter, Speech and Theater Arts and Romance Languages

### Sociology

Keith A Lovald, Tchg Asst .....	BHX33	932	BHX50	1,503
John E Haas, Tchg Asst .....	BH33	932	BH33	1,002

### Speech and Theater Arts

Jere S Veilleux, Tchg Asst .....	BH50	1,404	BH50	1,503
M Virginia Fredricks, Tchg Asst .....	CH50*	936	BH50	1,503
Kathleen Sandstrom, Tchg Asst .....	BH50	1,404	BH50	1,503
Irving Deer, Tchg Asst .....	BH50	1,404	BH50	1,503
John G Moody, Tchg Asst .....	BH50	1,404	BH50	1,503

\* Winter and spring quarters

### (University Theatre)

Calvin K Quayle, Tchg Asst .....	BH33	936	BH33	1,002
Audrey Rayfield, Tchg Asst .....	BH25	702	BH25	752
William McKereghan, Tchg Asst .....	BH33	936	BH33	1,002

### Zoology

Robert G McKinnell, Tchg Asst .....	BH50	1,404	BH50	1,503
Hulda Regehr, Tchg Asst .....	BH50	1,404	BH50	1,503
Alfred H Grewe, Tchg Asst .....	BH50	1,404	BH50	1,503
Timothy D Cotton, Tchg Asst .....	BH50	1,404	BH50	1,503
Edward D Bellis, Tchg Asst .....	BH50	1,404	BH50	1,503
August Ruthmann, Tchg Asst .....	BH50	1,404	BH50	1,503
Ross L Shoger, Tchg Asst .....	BH50	1,404	BH50	1,503
Thomas W Collins, Tchg Asst .....	BH50	1,404	BH50	1,503

### Laboratory for Research in Social Relations

Peter Schonbach, Res Asst .....	BH50	1,404	BH50	1,503
Danuta Ehrlich, Res Asst .....	BH50	1,404	BH50	1,503
Norris Ellertson, Res Asst .....	BH50	1,404	BH50	1,503

### Library School

James Nelson, Tchg Asst .....	AH50	1,872	AH50	2,004
Elizabeth Willard, Tchg Asst .....	AH50	1,872	AH50	2,004

## INSTITUTE OF TECHNOLOGY

### Aeronautical Engineering

V J Rattayya, Res Asst to Tchg Asst .....	BHT50	1,404	BH50	1,503
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**Civil Engineering and Hydraulics**  
**(Civil Engineering [and Hydromechanics])**

	Salary 1954-55	Salary 1955-56
V E Plath, Tchg Asst .....	BH50 1,404	BH50 1,503
Albert G Mercer, Tchg Asst .....	BH50 1,404	BH50 1,503
Lyle P Pederson, Tchg Asst .....	BH50 1,404	BH50 1,503
Richard M Barker, Tchg Asst .....	CH50* 468	BH50 1,503

\* Spring quarter

**(St. Anthony Falls Hydraulic Laboratory)**

Gordon H Flammer, Res Asst .....	BH50 1,404	BH50 1,503
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**Electrical Engineering**

Norman J Braaten, Tchg Asst .....	BHT50 1,404	BH50 1,503
Vernon D Albertson, Tchg Asst .....	BHT50 1,404	BH50 1,503
Shao-chung Lee, Tchg Asst .....	BHT50 1,404	BH50 1,503
James Holte, Tchg Asst .....	CH75* 702	BH50 1,503
Jong Choon Kim, Tchg Asst .....	BH50 1,404	BH50 1,503
Di Chen, Tchg Asst .....	BHT50 1,404	BH50 1,503
Turgut O Ucer, Tchg Asst .....	BHT50 1,404	BH50 1,503

\* Spring quarter

**Mathematics**

Michael N Nixon, Tchg Asst .....	BH50 1,404	BH50 1,503
Donald I Kurth, Tchg Asst .....	BH50 1,404	BH50 1,503
Rodney D Driver, Tchg Asst .....	BH50 1,404	BH50 1,503
James Juei-chin Yeh, Tchg Asst .....	BH50 1,404	BH50 1,503
Whitney L Johnson, Tchg Asst .....	BH50 1,404	BH50 1,503
Gerald W O'Shaughnessy, Tchg Asst .....	BH50 1,404	BH50 1,503
Robert P Pikul, Tchg Asst .....	BH50 1,404	BH50 1,503
Charles N Kirks, Tchg Asst .....	BH50 1,404	BH50 1,503

**Mechanical Engineering**

Paul Myung-Ha Chung, Tchg Asst .....	BH50 1,404	BH50 1,503
Joseph J Reichert, Tchg Asst .....	BH50 1,404	BH50 1,503
Anil K Chatterjee, Tchg Asst .....	BH50 1,404	BH50 1,503
Leroy M Fingerson, Tchg Asst .....	BH50 1,404	BH50 1,503
Philip Hsing-chieh Liu, Tchg Asst .....	BH50 1,404	BH50 1,503
Sze-Foo Chien, Tchg Asst .....	BH50 1,404	BH50 1,503
William A Moy, Tchg Asst .....	BH50 1,404	BH50 1,503
Hsue-Fu Lee, Tchg Asst .....	BH50 1,404	BH50 1,503
K V K Raju, Tchg Asst .....	BH50 1,404	BH50 1,503
Lowell Domholdt, Tchg Asst .....	BH50 1,404	BH50 1,503

**School of Chemistry**  
**(Inorganic Division)**

Paul C Scott, Tchg Asst .....	BH50 1,404	BH50 1,503
Said Nehorayan, Tchg Asst .....	BH50 1,404	BH50 1,503
John L Schultz, Tchg Asst .....	BH50 1,404*	BH50 1,503
Frederic C Loew, Tchg Asst .....	BH50 1,404	BH50 1,503
Arthur K Nelson, Tchg Asst .....	BH50 1,404	BH50 1,503
Gwendolyn L Olson, Tchg Asst .....	BH50 1,404	BH50 1,503
Theodore C Getten, III, Tchg Asst .....	BH50 1,404	BH50 1,503
John F Bates, Tchg Asst .....	BH50 1,404	BH50 1,503
Clifford M Moran, Tchg Asst .....	BH50 1,404	BH50 1,503
David C Nelson, Tchg Asst .....	BH50 1,404	BH50 1,503

	Salary 1954-55		Salary 1955-56	
Glenn A Sather, Tchg Asst .....	BH50	1,404	BH50	1,503
I Dalla Lana, Tchg Asst .....	BH50	1,404	BH50	1,503
Raimond Liepins, Tchg Asst .....	BH50	1,404	BH50	1,503
Bernard G Carbajal, III, Tchg Asst .....	BH50	1,404	BH50	1,503
Aharon Roy, Tchg Asst .....	BH50	1,404**	BH50	1,503

\* Physical Division  
\*\* Organic Division

#### (Analytical Division)

Laurence A Knecht, Tchg Asst .....	BH50	1,404*	BH50	1,503
Raymond T O'Donnell, Tchg Asst .....	BH50	1,404*	BH50	1,503
Yutaka Okinaka, Tchg Asst .....	BH50	1,404	BH50	1,503
Miran K Chantooni, Tchg Asst .....	BH50	1,404**	BH50	1,503
Willard H Beattie, Tchg Asst .....	BH50	1,404***	BH50	1,503

\* Inorganic Division  
\*\* Organic Division  
\*\*\* Physical Division

#### (Organic Division)

Dean A Ostlie, Tchg Asst .....	BH50	1,404*	BH50	1,503
Thomas H Fife, Tchg Asst .....	BH50	1,404	BH50	1,503
Donovan L Kvalnes, Tchg Asst .....	BH50	1,404	BH50	1,503
Walter P Miller, Tchg Asst .....	BH50	1,404*	BH50	1,503
Roland Libers, Tchg Asst .....	BH50	1,404	BH50	1,503
Wesley A Pearson, Tchg Asst .....	BH50	1,404	BH50	1,503
James H Cooley, Tchg Asst to Res Asst .....	BH50	1,404	AH50	2,004
Charles B Koons, Tchg Asst to Res Asst .....	BH50	1,404	AH50	2,004
Ronald F Lange, Tchg Asst to Res Asst .....	BH50	1,404	AH50	2,004

\* Inorganic Division

#### (Physical Division)

Jerry H Schachtschneider, Tchg Asst .....	BH50	1,404	BH50	1,503
Roger G Gymer, Tchg Asst .....	BH50	1,404	BH50	1,503
V Subba Rao, Tchg Asst .....	BH50	1,404*	BH50	1,503
Lawrence J Garfield, Tchg Asst .....	BH50	1,404	BH50	1,503
Robert A Jacobson, Tchg Asst .....	BH50	1,404	BH50	1,503
Louis M Trefonas, Tchg Asst .....	BH50	1,404*	BH50	1,503
Hideyasu Yanai, Tchg Asst .....	BH50	1,404	BH50	1,503
William C Needler, Tchg Asst to Res Asst .....	BH50	1,404*	AH50	2,004
Earl C Curtis, Jr, Res Asst .....	AH50	1,872	AH50	2,004

\* Inorganic Division

#### Chemical Engineering

Maurice A Bergougrou, Tchg Asst .....	BH50	1,404	BH50	1,503
Richard H Englund, Tchg Asst .....	BH50	1,404	BH50	1,503
Georges Gau, Tchg Asst .....	BH50	1,404	BH50	1,503
Douglas D Phillips, Tchg Asst .....	BH50	1,404	BH50	1,503
Donald J Wynne, Tchg Asst .....	BH50	1,404	BH50	1,503

#### School of Mines and Metallurgy

Aubrey C Swaney, Tchg Asst .....	BH50	1,404	BH50	1,503
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### INSTITUTE OF AGRICULTURE

#### College of Agriculture, Forestry, and Home Economics

Philip R Teske, Adm Fellow .....	BH50	1,404	BH50	1,503
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### Agricultural Economics

	Salary 1954-55	Salary 1955-56
Harlan C Lampe, Inst to Res Asst .....	A 4,770	C* 2,004
Donald S Moore, Res Asst .....	C** 1,716	C* 2,004
John R Schmidt, Res Asst .....	AH33 1,248***	C* 2,004

\* 100 per cent time July, August, and September and 33 per cent time October to June  
 \*\* 100 per cent time July and August, 50 per cent time September, and 33 per cent time October to June

\*\*\* Research Funds

### Agronomy and Plant Genetics

Orville M Gunderson, Tchg Asst .....	AHT50 1,872	AH50 2,004
David M Timothy, Tchg Asst .....	AH50 1,872	AH50 2,004
David G Tuttle, Res Asst .....	AH50 1,872	AH50 2,004

### Agricultural Biochemistry

Harry S Markley, Tchg Asst .....	BH50 1,404	BH50 1,503
Glenn M Christensen, Tchg Asst .....	BH50 1,404	BH50 1,503
William M Doizaki, Tchg Asst .....	BH50 1,404	BH50 1,503
Paul Melnychyn, Res Asst .....	AH50 1,872	AH50 2,004

### Dairy Husbandry

Herbert J Rebhan, Tchg Asst .....	AHT50 1,872	AH50 2,004
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### Entomology and Economic Zoology

Kenneth J Kraft, Res Asst .....	AH50 1,872	AH50 2,004
Joseph P Woodring, Res Asst .....	AH50 1,872	AH50 2,004
Ching-Sing Li, Res Asst .....	AH50 1,872	AH50 2,004
Louis D Frenzel, Jr, Tchg Asst .....	BH50 1,404	BH50 1,503

### School of Forestry

Richard A Skok, Res Asst .....	AH50 1,872	AH50 2,004
Egolfs V Bakuzis, Res Asst .....	AH50 1,872	AH50 2,004
Allen L Lundgren, Res Asst .....	AH50 1,872	AH50 2,004

### School of Home Economics

Joan C Graham, Tchg Asst .....	BH50 1,404	BH50 1,503
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### Horticulture

Ronald Taven, Res Asst .....	AH50 1,872	AH50 2,004
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### Poultry Husbandry

Sankara Narayanan, Res Asst .....	AH50 1,872	AH50 2,004
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### School of Veterinary Medicine (Division of Veterinary Anatomy)

Donald S Wyand, Tchg Asst .....	C* 1,590	C* 1,703
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\* 80 per cent time July, August and September and 30 per cent time October to June

### (Division of Veterinary Physiology and Pharmacology)

Charles E Stevens, Tchg Asst .....	AH80 2,996	AH80 3,206
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## COLLEGE OF MEDICAL SCIENCES

### Anatomy

Sayed Hamed, Tchg Asst .....	BH50 1,404	BH50 1,503
Austin Yates, Tchg Asst .....	BH50 1,404	BH50 1,503

	Salary 1954-55		Salary 1955-56	
Sydney H Robinow, Tchg Asst .....	BH50	1,404	BH50	1,503
Genell Knatterud, Tchg Asst .....	BH50	1,404	BH50	1,503
Carl T Friz, Tchg Asst .....	BH50	1,404	BH50	1,503

### Bacteriology

Jurij Melnycowycz, Tchg Asst .....	BH50	1,404	BH50	1,503
James J Crawford, Tchg Asst .....	BH50	1,404	BH50	1,503
Del Rose Dubbs, Tchg Asst .....	BH50	1,404	BH50	1,503
Robert Ferguson, Tchg Asst .....	BH50	1,404	BH50	1,503
Mary Pollock, Tchg Asst .....	CHT50*	858	BH50	1,503

\* January 1 to June 15

### Medicine

#### (Division of Internal Medicine)

Francis Tiffany, Medical Fellow .....	A	1,950*	A	2,052*
C B Hatfield, Medical Fellow .....	A	1,950*	A	2,052*
Kenneth Kahn, Medical Fellow .....	A	1,950*	A	2,052*

\* Tuition and fees deducted

#### (Division of Dermatology)

Nadine G Smith, Medical Fellow .....	A	1,950*	A	2,052*
Gordon Vaughan, Medical Fellow .....	A	1,950*	A	2,052*

\* Tuition and fees deducted

#### Obstetrics and Gynecology

Robert C Goodlin, Medical Fellow .....	A	1,950*	A	2,052*
Ernest W Lowe, Medical Fellow .....	A	1,950*	A	2,052*
James M Fite, Medical Fellow .....	A	1,950*	A	2,052*

\* Tuition and fees deducted

#### Otolaryngology

Cheng-En-Lu, Medical Fellow .....	A	1,950*	A	2,052*
Yuichi Nito, Medical Fellow .....	A	1,950*	A	2,052*

\* Tuition and fees deducted

#### Pathology

Barbara A Burke, Medical Fellow .....	AT	1,950*	A	2,052*
Gunnbjorg A Lindseth, Medical Fellow .....	A	1,950*	A	2,052*

\* Tuition and fees deducted

#### Physiology

John W Trank, Tchg Asst .....	BH50	1,404	BH50	1,503
David E Schafer, Tchg Asst .....	BH50	1,404	BH50	1,503

### Surgery

#### (Division of General Surgery)

Frederick J Neher, Medical Fellow .....	A	1,950*	A	2,052*
Bernard Hoelscher, Medical Fellow .....	A	1,950*	A	2,052*
Joseph B Aust, Medical Fellow .....	A	1,950*	A	2,052*

\* Tuition and fees deducted

#### (Division of Neurosurgery)

Purdue L Gould, Medical Fellow .....	A	1,950*	A	2,052*
William S Ogle, Medical Fellow .....	A	1,950*	A	2,052*

\* Tuition and fees deducted

#### (Division of Urology)

Maung Than, Medical Fellow .....	A	1,950*	A	2,052*
Kenneth Helenbolt, Medical Fellow .....	A	1,950*	A	2,052*

\* Tuition and fees deducted

**Department of Psychiatry and Neurology  
(Division of Psychiatry)**

	Salary 1954-55		Salary 1955-56	
Abelardo Mena, Medical Fellow .....	AX	1,950*	A	2,052*
James L Hatleberg, Medical Fellow .....	A	1,950*	A	2,052*
Jason Aronson, Medical Fellow .....	A	1,950*	A	2,052*
Pieter deVryer, Medical Fellow .....	AT	1,950*	A	2,052*

\* Tuition and fees deducted

**Physiological Chemistry**

Lester Lee Lansky, Tchg Asst .....	BH50	1,404	BH50	1,503
Leonard J Greenberg, Tchg Asst .....	BH50	1,404	BH50	1,503
Bernard Pollara, Tchg Asst .....	BH50	1,404	BH50	1,503
Ernest D Gray, Tchg Asst .....	BH50	1,404	BH50	1,503

**Ophthalmology**

Clifford D Molzahn, Medical Fellow .....	A	1,950*	A	2,052*
Jose H Vidal, Medical Fellow .....	A	1,950*	A	2,052*
Robert M Lundblad, Medical Fellow .....	A	1,950*	A	2,052*

\* Tuition and fees deducted

**Anesthesia**

Alfheid I Jensen, Medical Fellow .....	A	2,190	A	2,292
Arthur J Oswald, Medical Fellow .....	A	2,190	A	2,292
William H Houlton, Medical Fellow .....	A	2,190	A	2,292

**UNIVERSITY OF MINNESOTA HOSPITALS**

**Hospital Laboratories**

Aina Galejs, Medical Fellow .....	A	1,950*	A	2,052*
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\* Tuition and fees deducted

**Child Psychiatry  
(Medical Service)**

Gloria Burian, Tchg Asst .....	AH50	1,872	AH50	2,004
Elaine K Chong, Medical Fellow .....	A	2,190	A	2,292

**INSTITUTE OF CHILD WELFARE**

**Research and Parental Education**

Prem Pasricha, Tchg Asst .....	BH33	936	BH33	1,002
Rita V Frankiel, Tchg Asst .....	BH33	936	BH33	1,002
Gene Medinnus, Tchg Asst .....	BH33	936	BH33	1,002
Eleanor L Robinson, Tchg Asst .....	BH33	936	BH33	1,002
Ronald C Johnson, Tchg Asst .....	BH33	936	BH33	1,002

**SCHOOL OF DENTISTRY**

William J Dresser, Tchg Asst to Dental Fellow	BH60	1,685	A	2,292
Theodore H Dedolph, Jr, Dental Fellow .....	A	2,190	A	2,292
Robert O Uppgaard, Tchg Asst .....	BH30	843	BH30	902
Hobart P Lundblade, Tchg Asst .....	BH30	843	BH30	902
Donald H Nelson, Tchg Asst .....	BH30	843	BH30	902



## COLLEGE OF PHARMACY

	Salary 1954-55	Salary 1955-56
Quentin Newcombe, Jr, Tchg Asst .....	BH50 1,404	BH50 1,503
Klaus R Fiedler, Tchg Asst .....	BH50 1,404	BH50 1,503
Michael J Martell, Tchg Asst .....	BH50 1,404	BH50 1,503
Lemont B Kier, Tchg Asst .....	BH50 1,404	BH50 1,503
Siret Ener, Tchg Asst .....	BH50 1,404	BH50 1,503

## COLLEGE OF EDUCATION

### Administration (Student Personnel Office)

John W Behonek, Tchg Asst .....	AH50 1,872	AH50 2,004
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### General Education

Alton C Jensen, Tchg Asst .....	BH50 1,404	BH50 1,503
Eric C Peterson, Tchg Asst .....	BH50 1,404	BH50 1,503
Beulah M Hedahl, Tchg Asst .....	BH33 936	BH50 1,503
Mollie J Thissen, Tchg Asst .....	BH66 1,872	BH66 2,004
Mary Corcoran, Tchg Asst .....	BH33 936	BH33 1,002
Harold J Rogge, Tchg Asst .....	BH50 1,404	BH50 1,503
Hugh J McCardle, Tchg Asst .....	BH66 1,872	BH58 1,743
Frank R Braun, Tchg Asst .....	BH50 1,404	BH50 1,503
Gerald M Erickson, Tchg Asst .....	BH25 702	BH25 752
Donald L Lantz, Tchg Asst .....	BH25 702	BH25 752

### Home Economics Education

Mary H Haas, Tchg Asst .....	BH25 702	BH25 752
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### Bureau of Educational Research

Parachuri R Krishnaiah, Res Asst .....	BH50 1,404	BH50 1,503
Lowell T VanTassel, Res Asst .....	BH50 1,404	BH50 1,503

## SOCIAL SCIENCE RESEARCH CENTER

Frank Atelsek, Adm Fellow .....	BH50 1,404	BH50 1,503
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## SCHOOL OF BUSINESS ADMINISTRATION

Gordon R Antelman, Tchg Asst .....	BH50 1,404	BH62 1,864
Walter E Simonson, Tchg Asst .....	CH33* 520	BH33 1,002
Charles D McCarthy, Tchg Asst .....	BH33 936	BH33 1,002
Stuart A Bessler, Tchg Asst .....	BH33 936	BH33 1,002
Demos P Hadjiyanis, Tchg Asst .....	BH33 936	BH33 1,002
Youry A Pundyk, Tchg Asst .....	BH33 936	BH33 1,002
Zdenek Cernohaus, Tchg Asst .....	BH33 936	BH33 1,002
Ronald L Teigen, Tchg Asst .....	BH33 936	BH33 1,002

\* January 16 to June 15

### Industrial Relations Center

Thomas H Jerdee, Res Asst .....	BH33 936	BH33 1,002
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## GENERAL COLLEGE OF THE UNIVERSITY

	Salary 1954-55	Salary 1955-56
Kaye Matsumoto, Tchg Asst .....	CH50* 468 (2,808B)	BH50 1,503
Audrey Murray, Tchg Asst .....	BH25 702	BH25 752
Wm A Anderson, Tchg Asst .....	BH50 1,404	BH50 1,503
Arthur D Larson, Tchg Asst .....	CH50** 936 (2,808B)	BH50 1,503
Wm F Blumer, Tchg Asst .....	BH50 1,404	BH50 1,503
Franklin G Bonn, Tchg Asst .....	CH50* 468 (2,808B)	BH50 1,503
David L Jones, Tchg Asst .....	CHT50* 468 (2,808B)	BH50 1,503
Eugene C Johnson, Tchg Asst .....	CHT50* 468 (2,808B)	BH50 1,503
James V Higgins, Tchg Asst .....	CHT50* 468 (2,808B)	BH50 1,503

\* Spring quarter

\*\* Winter and spring quarters

## DULUTH BRANCH

### Humanities Division (Music)

Myrtle H Johnson, Tchg Asst .....	BH25 702*	BH25 752*
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\* Plus music lesson fees

## STUDENTS' HEALTH SERVICE—MEDICAL

Donald D Bravick, Medical Fellow .....	A 2,190	A 2,292
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## COFFMAN MEMORIAL UNION (MINNEAPOLIS CAMPUS)

### Program

Vincent Y Dong, Adm Fellow .....	BH50 1,404	BH50 1,503
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## NATIONAL FOUNDATION FOR INFANTILE PARALYSIS

Richard Crowell, Res Asst .....	AHT50 1,872	AHT50 2,004
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## ANCKER HOSPITAL FELLOWSHIPS

Inge E Mook, Medical Fellow .....	AT 1,950 <sup>†</sup> *	AT 2,052 <sup>†</sup> *
Arthur R Clemett, Medical Fellow .....	AT 1,950 <sup>†</sup> *	AT 2,052 <sup>†</sup> *
Robert Benjamin, Medical Fellow .....	AT 1,950 <sup>†</sup> *	AT 2,052 <sup>†</sup> *
John F Alden, Medical Fellow .....	AT 1,950 <sup>†</sup> *	AT 2,052 <sup>†</sup> *
Melvin M Reeves, Medical Fellow .....	AT 1,950 <sup>†</sup> *	AT 2,052 <sup>†</sup> *
Karl E Vreeland, Medical Fellow .....	AT 1,950 <sup>†</sup> *	AT 2,052 <sup>†</sup> *
Donald K Campbell, Medical Fellow .....	AT 1,950 <sup>†</sup> *	AT 2,052 <sup>†</sup> *
Peter P Foderick, Medical Fellow .....	AT 1,950 <sup>†</sup> *	AT 2,052 <sup>†</sup> *

<sup>†</sup> Tuition and fees deducted

\* January 1 to June 30 subject to availability of funds

## HORMEL INSTITUTE

	Salary 1954-55		Salary 1955-56	
Diedrich Reimer, Non-Service Fellow .....	AT	1,360	AT	1,500
V Mahadevan, Res Asst .....	AHT50	1,872	AHT50	2,004

### MINNEAPOLIS GENERAL HOSPITAL FELLOWSHIPS

Allan E Voight, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Robert C Davidson, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Aaron L Mark, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Robert E Doan, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Gordon L McKinlay, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Ramon M Fusaro, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Sheldon C Reed, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
William H Bittick, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Edward A Pasek, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Victor H Hildyard, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Curtis M Johnson, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Valija S Bilzens, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
William E Stephens, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Joseph A Dowlen, Medical Fellow .....	CT**	488 <sup>f</sup>	A	2,052 <sup>f</sup>
Lumir C Proshek, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Esten O Lindseth, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Paul Kowlishin, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Arnold Puello, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Garth R Drewry, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>
Patrick A Connaughton, Medical Fellow .....	A	1,950 <sup>f</sup>	A	2,052 <sup>f</sup>

<sup>f</sup> Tuition and fees deducted

\* Pediatrics Department

\*\* April 1 to June 30

The President having reported to the Board receipt of the letter from the Minnesota Coalition of Patriotic Societies, Inc., relative to the Sidney Hillman Lectures, voted to receive and file the letter supplement to the minutes, page 8603.

The Business Vice President reported on the progress of studies and plans, architectural and financial, and expressed the hope that a definite program to include St. Paul Campus dormitory units and married student housing might be presented to the Board at the meeting on July 8, 1955.

The Business Vice President and Regent Griggs discussed with the Board the three-fourths ( $\frac{3}{4}$ ) mill levy authorized by the 1955 Legislative Session to provide funds for further completion of the Duluth Campus Student Center and dormitories.

Voted to authorize two tuition-free foreign student scholarships at the University High School for the year 1955-56.

The Board after luncheon visited the School of Architecture to view plans prepared by architectural students for expansion of the Minneapolis Campus.

Voted to approve list of candidates for degrees (June 11, 1955 and Duluth Branch June 10, 1955) as recommended by the faculties and certified by the Dean of Admissions and Records, filed supplement to the minutes, page 8604.

The President reported for the information of the Board resolution adopted by the United States Advisory Commission on Education Exchange of the Department of State, May 2, 1955, expressing appreciation of his constructive contribution to the foreign relations of the United States, filed supplement to the minutes, page 8605.

The President reported for the information of the Board receipt of a special resolution of thanks from Dr. L. J. Sverdrup of Sverdrup & Parcel, Inc., copy filed supplement to the minutes, page 8606.

Voted on recommendation of the President to authorize Dr. J. J. Christensen, head of the Department of Plant Pathology and Botany, to assume charge of the cooperative stem-rust epidemiology work, hitherto carried by Dr. E. C. Stakman.

Voted to approve the following changes in fees :

**College of Education, University High School**, increase in tuition fee from \$30 to \$35 per quarter effective September 16, 1955.

**College of Education, University Elementary School**, increase in tuition fee from \$35 to \$40 per quarter, grades one through six, effective September 15, 1955.

**Students Health Service**, decrease in special supplementary fee charged foreign students, not otherwise covered by special insurance, from \$8 to \$5 per quarter.

Voted to approve the following requests for non-campus service :

Ruth E. Boynton, Professor and Director, Public Health and Students Health Service, to undertake a survey of the Student Health Service of Tulane University, New Orleans, Louisiana, May 24-26, 1955.

E. R. G. Eckert, Professor of Mechanical Engineering, Institute of Technology, to present three lectures during each of two semesters and to consult with students and staff on various research projects at Purdue University, Lafayette, Indiana, September, 1955, to June, 1956.

Homer T. Mantis, Associate Professor of Mechanical Engineering, Institute of Technology, to serve as consultant to General Mills, Inc., (Engineering Research Division) on meteorological problems affecting balloon development, May 1, 1955, to June 30, 1956.

Thomas L. Joseph, Professor and Assistant Dean of Mines and Metallurgy, Institute of Technology, to advise the National Steel Corporation on problems related to treatment of iron ore and the production of pig iron, July 1, 1955, to June 30, 1956.

John H. Williams, Professor of Physics, Department of Physics, College of Science, Literature, and the Arts, to serve as consultant to the Los Alamos Scientific Laboratory, July 1, 1955 to June 30, 1956.

Voted on the recommendation of the President, the Academic Vice President, and the dean of the college, to approve the following tenure status:

1. One-year appointment in the College of Education for William H. Strand as Assistant Professor, 1955-56, on a temporary basis and without the acquisition of any rights toward tenure.

2. One-year non-regular appointment for John W. Lippert, General Extension Division, for the year 1955-56 on a non-regular basis and without acquisition of any rights toward permanent tenure.

3. One-year appointment, 1955-56, for John B. Morris, Assistant Professor and Director of the Bureau of Institutional Research.

Voted to approve contract with Independent School District No. 47 (Willmar), Kandiyohi County, covering a school building survey to be made by the Bureau of Field Studies of the College of Education, filed supplement to the minutes, page 8607.

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

Original Patent No. 2,703,570, Application Serial No. 293,094, dated June 12, 1952, Method and Apparatus for Production of Quadruped Mammals, George A. Young, Jr., filed supplement to the minutes, page 8608.

Original Patent No. 2,702,808, Application Serial No. 198,863, dated December 2, 1950, Oxidation Process, Ole Gisvold, filed supplement to the minutes, page 8609.

Assignment Agreement by Hermann Schlenk, Donald M. Sand, and Jerry Ann Tillotson, Hormel Institute, covering Inclusion Compounds, filed supplement to the minutes, page 8610.

Assignment Agreement by Professor Ralph T. Holman, Hormel Institute, covering Urea-inclusion Compounds, filed supplement to the minutes, page 8611.

Voted to approve the following nominations of the President for membership on the Civil Service Committee:

Three-year term beginning July 1, 1955

Assistant Dean Theodore H. Fenske, Institute of Agriculture

Professor James W. Stephan, Division of Hospital Administration

Unexpired term, July 1, 1955 to June 30, 1956

Professor Henry Hartig, Electrical Engineering

Voted to approve the following statement of policy governing gifts to the University Library :

Over the years, since the University of Minnesota was founded, many thoughtful donors have contributed significantly to the stature of the University Library. The University is deeply grateful for their gifts.

In the future the University will undoubtedly be offered additional collections of books and other library materials, and it feels a high sense of responsibility in accepting such gifts. This responsibility carries with it the obligation to inform potential benefactors of some of the principles that have emerged from its experience in receiving Library gifts. The following comments, therefore, are presented for the guidance of persons who may be considering gifts to the Library.

#### Monetary Gifts

Many persons have materially aided in developing the resources of the University Library by giving money for the purchase of books. Such contributions, usually made as donations through the Friends of the University Library, are tax-deductible. Money received in this manner often makes it possible for the Library to purchase unusual, fine, or especially significant publications beyond the scope of its regular budget. A donor may ask that the funds be used for specific titles which the Library especially wishes to acquire, and titles thus purchased will be identified with the name of the giver.

Monetary bequests may also be arranged by naming the University Library as beneficiary in a properly executed will. The Director of Libraries will help, if desired, to phrase an appropriate statement for the bequest, to make certain that it will fulfill the donor's wishes, and at the same time result in permanent values and benefits.

#### Gifts of Books

Donations of books sometimes raise problems which require mutual understanding to assure maximum usefulness of such gifts. The University welcomes gifts of books that enrich its Library resources, but because the Library already has strong, basic holdings in most subject fields, a gift of books is most effectively administered if the Librarian can be empowered to dispose of volumes such as duplicates for which the Library has no foreseeable need. The cataloging, storing, and servicing of library books require an expenditure of several dollars per volume, and the Library cannot undertake substantial commitments to process and maintain items it does not need. It is hoped that donors will appreciate this fact since any given collection is likely to contain items of which the Library already has sufficient copies at hand. When it has this discretion, the Library can then offer such duplicates to smaller libraries, or sell them and apply the proceeds to the purchase of other needed titles.

The University Library applies the same principles of selection in considering gifts as it does to books it buys. It is particularly glad to receive by donation out-of-print publications it cannot readily acquire by purchase. All gifts accepted by the Library should contribute either directly or indirectly to the program of teaching, research, and service of the University.

### Gifts with "Conditions"

Sometimes, out of a natural desire to make sure that his gift will permanently fulfill the purposes he intended for it, a donor offers the University funds or a collection of books subject to certain specific limitations or conditions. Because of changing circumstances, necessitating library adjustments in emphasis, types of service, and space use, which can rarely be foreseen far ahead, such restrictions sometimes prevent the maximum utilization of a collection or monetary bequest. For this reason, faith in the University's pledge to administer all library gifts toward the end of providing the best possible library for the people it serves, is generally preferable to the establishment of rigid conditions over any given collection or contribution. The University offers such a pledge with no reservation.

### The Administration of Gifts

Whether a Library gift consists of money or books, the donor may have confidence that it will be administered according to the following principles: (1) conscientious effort to assure good physical care to all library materials thus secured; (2) physical arrangements that will make the gift available to faculty, students, or visiting scholars under conditions of responsible use; (3) maintenance of catalogs and other records prepared according to the best practices of librarianship; (4) proper identification of each item included as part of a gift; and (5) future acquisition of materials supplementary to those obtained by gift, as funds permit.

The University cannot ordinarily commit itself to keep a gift collection physically together as a separate entity, though occasionally this may be done for a strong collection that is focused upon a special subject field. Normally, books on any subject are much more readily accessible and useful if they are shelved along with the Library's basic holdings in the same field of subject matter.

The Director of Libraries is vested with full authority for the maintenance, development, administration, and use of Library materials. This authority provides a guarantee of the responsible management of gifts to the benefit of generations to come. The Director, who is always willing and ready to advise with prospective donors, functions under the general administration of the President and the control of the Board of Regents, who also serve as trustees for the future.

Voted to approve change in fund name from Minnesota Dairy Technology Society Scholarship Fund to Minnesota Dairy Industry Scholarship Fund.

Voted to approve renewal of memorandum of agreement with the United States Department of Agriculture, Agricultural Research Service, for the continuation of research in swine breeding, filed supplement to the minutes, page 8611-A.

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

DA-36-039-SC-56649, Modifications Nos. 3 and 4, Army, Signal Corps, filed supplement to the minutes, page 8612

N8onr-66215, Amendment No. 7, Navy, Office of Naval Research, filed supplement to the minutes, page 8613

Nonr-710(00), Amendment No. 9, Navy, Office of Naval Research, filed supplement to the minutes, page 8614

Nonr-710(01), Amendment No. 10, Navy, Office of Naval Research, filed supplement to the minutes, page 8615

Nonr-710-(10), Amendment No. 2, Navy, Office of Naval Research, filed supplement to the minutes, page 8616

AT(11-1)-42, Supplement No. 6, Atomic Energy Commission, filed supplement to the minutes, page 8617

AT(11-1)-100, Supplement No. 5, Atomic Energy Commission, filed supplement to the minutes, page 8618

AT(11-1)-108, Supplement No. 6, Atomic Energy Commission, filed supplement to the minutes, page 8619

AT(11-1)-236, Supplement No. 3, Atomic Energy Commission, filed supplement to the minutes, page 8620

14-19-008-2330, Interior, Fish and Wildlife Service, for a study of chemistry of the odor problem in fish oils by Professor W. O. Lundberg, Hormel Institute, filed supplement to the minutes, page 8621

14-19-008-2331, Interior, Fish and Wildlife Service, for determination of structure and analysis of highly unsaturated and saturated acids of fish oils by Professor W. O. Lundberg, Hormel Institute, filed supplement to the minutes, page 8622

14-19-008-2332, Interior, Fish and Wildlife Service, for investigation of the chemistry of inclusion type complexes by Professor W. O. Lundberg, Hormel Institute, filed supplement to the minutes, page 8623

Purchase Order No. MDG 54186, Change No. 1, General Mills, Incorporated (University subcontractor under Air Force Contract No. AF 33 [600]-29382), filed supplement to the minutes, page 8624

N220s-91580A, Amendment No. 1, Navy, Personnel, filed supplement to the minutes, page 8625

The President reported that in accordance with authority granted him by the Board he had approved a contract with the United States Government, filed supplement to the minutes, page 8626.

12-14-100-313 (73) United States Department of Agriculture, for research on changes in salt equilibria in relation to heat stability of milk under the principal supervision of Professor Robert Jenness, filed supplement to the minutes, page 8645.

Voted to approve the following applications for grants:

To the United States Government:

\$300,000 Navy, Office of Naval Research, by Professor E. P. Ney, Physics, for extension of Contract No. Nonr-710(01)

\$113,354 Air Force, Air Research and Development Command, by Professor John D. Akerman, Aeronautical Engineering, for renewal of Contract No. AF 18-(600)-1226

\$113,192 Minneapolis-Honeywell Regulator Company, by Professor John D. Akerman, Aeronautical Engineering, for study of variable wedge inlet diffusers

\$90,000 Armed Services Medical Procurement Agency, by Dean Charles H. Rogers, Pharmacy, for study of closure-seals



\$47,723.82 Air Force, School of Aviation Medicine, by Dr. William G. Kubicek, Physical Medicine, for renewal of Contract No. AF 18(600)-629

\$44,662 Air Force, Wright Air Development Center, by Professor John D. Akerman, Aeronautical Engineering, for investigation of ejector configurations at high primary pressure ratios

\$44,000 Army, Office of the Ordnance Research, by Professor George Preckshot, Chemical Engineering, for study of the heating surfaces on coefficients of pool boiling liquids

\$44,000 Air Force, Air Research and Development Command, by Professor George Preckshot, Chemical Engineering, for study of heating surfaces on heat transfer coefficients of pool boiling liquids

\$44,000 Navy, Office of Naval Research, by Professor George Preckshot, Chemical Engineering, for study of heating surfaces on heat transfer coefficients of pool boiling liquids

\$39,856 Air Force, Air Research and Development Command, by Professor John D. Akerman, Aeronautical Engineering, for high temperature research at supersonic speeds

\$35,000 Sucker Rod Pumping Research, Inc., by Professor E. N. Kemler, Mechanical Engineering, for construction of model for sucker rod pumping systems

\$24,778 Army, Office of the Quartermaster General, by Professor W. O. Lundberg, Hormel Institute, for renewal of Contract No. DA-44-109-QM-1754

\$23,460 Department of Agriculture, Northern Regional Research Laboratory, by Professor W. O. Lundberg, Hormel Institute, for the study of soybean fatty acids

\$20,000 City of Tacoma, Washington, by Professor L. G. Straub, St. Anthony Falls Hydraulic Laboratory, for the study of hydraulic structures on Cowlitz River

\$17,248 Minneapolis-Honeywell Regulator Company by Professor John D. Akerman, Aeronautical Engineering, for experimental investigation of shock-sensing probes

\$17,100 Department of Health, Education, and Welfare, Office of Vocational Rehabilitation, by Professor Katharine J. Densford, School of Nursing, for training program

\$14,456 Aeroproducts Operation, Allison Division, General Motors Corporation, by Professor John D. Akerman, Aeronautical Engineering, for testing of propeller airfoil sections

\$12,247.34 Army, Signal Corps Supply Agency, by Professor Edgar L. Piret, Chemical Engineering, for renewal of Contract No. DA-36-039-SC-52635

\$12,190 Department of the Interior, Fish and Wildlife Service, by Professor W. O. Lundberg, Hormel Institute, for study of the chemistry of the odor problems in fish oils

\$9,966 Navy, Office of Naval Research, by Professor Nathan Lifson, Physiology, for renewal of Contract No. Nonr-710(12)

\$6,868.80 Cornell Aeronautical Laboratory, Incorporated by Professor John D. Akerman, Aeronautical Engineering, for transonic calibration of pressure sensitive angle-of-attack probes

Army, Signal Corps Supply Agency, by Professor Newman Hall, Mechanical Engineering, for designation of Professor T. E. Murphy as official investigator to succeed Professor Hall

\$108,432 to Louis W. and Maud Hill Family Foundation by Professor J. W. Buchta, College of Science, Literature, and the Arts, for summer institutes of high school teachers of science and mathematics

\$25,000 to Charles K. Blandin Foundation by Professor H. J. Sloan, Agricultural Experiment Station, for research on forest tree breeding and improvement

\$19,521 to U. S. Public Health Service by Dr. Samuel Schwartz, Department of Experimental Medicine, Dr. Karel Absolon, Department of Surgery, and Dr. Halvor Vermund, Department of Radiology, for research on roentgen rays on human and animal tumors

\$18,833 to U. S. Public Health Service by Dr. Dennis W. Watson, Department of Bacteriology and Immunology, for research on rheumatic fever

\$18,000 to National Science Foundation by Professor George W. Preckshot, Department of Chemical Engineering, for research on heat transfer coefficients of pool boiling liquids

\$13,500 to Louis W. and Maud Hill Family Foundation by Professor Willem J. Luyten, Department of Astronomy, for research on astronomy

\$12,538 to U. S. Public Health Service by Dr. Ellis S. Benson, Department of Pathology and Medicine, for research on actomyosin and related constituents of the normal and failing heart

\$10,491 to U. S. Public Health Service by Dr. Helmut A. Zander, Department of Dentistry, for research on periodontal tissues

\$10,000 to National Dairy Council by Dr. Ancel Keys, Laboratory of Physiological Hygiene, for research

\$10,000 to Resources for the Future, Incorporated by Professor H. J. Sloan, Institute of Agriculture, for research on forest tree genetics

\$8,000 to Louis W. and Maud Hill Family Foundation by Professor H. J. Sloan, Institute of Agriculture, for research on timber

\$5,300 to National Live Stock and Meat Board by Professor Ralph T. Holman, Hormel Institute, for research on the relationship of fatty acids to cholesterol

\$500 to U. S. Public Health Service by Dr. Starke R. Hathaway in behalf of Dr. Gordon T. Heistad, Division of Clinical Psychology, for research on anoxia and asphyxia in combination with electro convulsive shock

\$500 to U. S. Public Health Service by Dr. F. John Lewis in behalf of Dr. Norman E. Shumway, School of Medicine, for research on intracardiac surgery

To Minnesota Department of Employment Security by Professor Herbert Heneman, Industrial Relations Center, for research in methods of reducing and preventing unemployment in older workers and encouraging and assisting in the adoption of practical methods of vocational guidance.

Voted to accept with thanks the following gifts:

Donor	Louis W. and Maud Hill Family Foundation
Amount	\$108,432
Fund	Louis W. and Maud Hill Family Foundation—Summer Institute for High School Teachers of Science and Mathematics
Purpose	To establish a four-year program of summer institutes for high school teachers of science and mathematics in accordance with correspondence filed supplement to the minutes, page 8627

Donor	Minnesota State Board of Health
Amount	\$22,124
Fund	Minnesota State Board of Health—Maternal and Child Health Instruction
Purpose	To support a project to strengthen and further develop the instruction in the fields of maternal and child health throughout the School of Public Health in accordance with agreement filed supplement to the minutes, page 8628
Donor	Louis W. and Maud Hill Family Foundation
Amount	\$13,500
Fund	Louis W. and Maud Hill Family Foundation—Research on Faint Blue Stars
Donor	National Dairy Council
Amount	\$10,000
Fund	National Dairy Council—Effect of Dietary Fat on Serum Cholesterol and Lipoproteins in Man
Purpose	To continue research under the direction of Dr. Ancel Keys in accordance with agreement filed supplement to the minutes, page 8629
Donor	Eli Lilly and Company
Amount	\$10,000
Fund	Eli Lilly and Company—Relationship of Vitamin B <sub>12</sub> and Intrinsic Factor
Donor	United States Public Health Service
Amount	\$7,992
Fund	U.S.P.H.S. Graduate Medical Training Grant in Diabetes
Purpose	To improve present training program on diabetes in accordance with correspondence filed supplement to the minutes, page 8630
Donor	Green Giant Company
Amount	\$7,575
Fund	Green Giant Company Disease of Peas Fund
Purpose	To broaden scope of research project in Department of Plant Pathology in accordance with supplemental agreement filed supplement to the minutes, page 8631
Donors and Amounts	\$3,025.00 Cities Service Oil Company of St. Paul
	550.02 F. H. Peavey & Co.
	525.00 Northern Pacific Railway Co.
	500.00 Soo Line Railroad of Minneapolis
	50.00 Fillmore County 4-H Club Federation
	50.00 McLeod County 4-H Club Federation
	36.35 Anoka County 4-H Leaders' Council
	19.40 Byron, Blue Earth County Assistant Agricultural Agent (Six 4-H Clubs in Mankato)
Fund	4-H Club Fund

Donor	National Academy of Sciences—National Research Council
Amount	\$4,500
Fund	National Academy of Science—National Research Council—Research in Problems of Sex
Purpose	To support study in problems of sex in accordance with correspondence filed supplement to the minutes, page 8632
Donor	American Dry Milk Institute, Inc.
Amount	\$4,300
Fund	American Dry Milk Institute Research Fund
Purpose	For the continuation of research of milk products in bakery products in accordance with agreement filed supplement to the minutes, page 8633
Donor	National Dairy Council
Amount	\$4,000
Fund	National Dairy Council Research on Metabolism and Deposition of Fatty Acids
Purpose	To support research on metabolism and deposition of polyunsaturated fatty acids from animal and plant sources in accordance with agreement filed supplement to the minutes, page 8634
Donor	Minnesota Heart Association
Amount	\$4,000
Fund	Minnesota Heart Association—Symposium on Cardiac and Physiology Cardiac Surgery
Donors and Amounts	\$1,350 Various Students through the University of Minnesota Student Activities Bureau—University SPAN
	1,150 Minnesota SPAN Association
	330 Minnesota SPAN Association
Fund	SPAN Scholarship Fund
Donor	Standard Oil Foundation, Inc.
Amount	\$2,500
Fund	Standard Oil Company (Indiana) Graduate Fellowship in Chemical Engineering
Donor	Northwestern Hospital
Amount	\$2,400
Fund	McQuarrie Pediatrics Fund
Purpose	Establish research project in field of disturbances in the newborn in accordance with correspondence filed supplement to the minutes, page 8635
Donor	Northwestern Hospital
Amount	\$2,400
Fund	Northwestern Hospital Fellowship Fund
Purpose	To reactivate the fellowship program with Northwestern Hospital
Donor	Associated General Contractors of Minnesota, Inc.
Amount	\$1,500
Fund	Associated General Contractors of Minnesota, Inc., Scholarship Fund
Purpose	To establish a new scholarship in civil engineering in accordance with correspondence filed supplement to the minutes, page 8636

Donor	Chemical Specialties Company, Inc.
Amount	\$1,500
Fund	Chemical Specialties Co., Inc., Research on Sheep Production
Purpose	To support research on the value of hormones in sheep production in accordance with agreement filed supplement to the minutes, page 8637
Donor	Lake States Forest Experiment Station
Amount	\$1,400
Fund	Lake States Forest Experiment Station—Forest Utilization Research
Purpose	To support research in forest utilization in accordance with agreement filed supplement to the minutes, page 8638
Donors	\$300 Ruth H. Brinn
and	250 Jack Moon
Amounts	250 Mrs. Evelyn Johnle
	100 James S. Mitchell
	175 Steve N. Adams
Fund	Urological Research—Malignant Disease Research Fund
Donor	The Abbott Foundation
Amount	\$900
Fund	All-University Scholarship Fund
Donor	Dr. Walter H. Ude
Amount	\$675
Fund	All-University Scholarship Fund
Donor	Women's Auxiliary to Hennepin County Medical Society
Amount	\$500
Fund	Women's Auxiliary of the Hennepin County Medical Society
Donor	Schieffelin & Company
Amount	\$500
Fund	Special Research—Pediatrics
Donor	Stauffer Chemical Company
Amount	\$500
Fund	Stauffer Chemical Company Fund
Purpose	To support research on the use of chemicals in the control of certain diseases of vegetables in accordance with agreement filed supplement to the minutes, page 8639
Donor	Lake States Forest Experiment Station
Amount	\$400
Fund	Lake States Forest Experiment Station—Forest Disease Research
Purpose	To provide for special studies on a fungus disease of forest trees in accordance with agreement filed supplement to the minutes, page 8640
Donor	Board of Publications
Amount	\$400
Fund	Board of Publications Scholarship Fund
Purpose	To establish scholarship fund in accordance with correspondence filed supplement to the minutes, page 8641

Donor	Society of Sigma Xi
Amount	\$380.40
Fund	Sigma Xi Research Fund
Donor	Alpha Zeta Fraternity
Amount	\$300
Fund	Alpha Zeta Scholarship Fund
Donor	Mrs. William O. Lund, Jr.
Amount	\$300
Fund	Mr. and Mrs. William O. Lund, Jr., Scholarship Fund
Donor	Railway Business Women's Association of the Twin Cities
Amount	\$300
Fund	Railway Business Women's Association of the Twin Cities Scholarship Fund
Donor	Mr. Dreng Bjornaraa
Amount	\$226.57
Fund	State Organization Service Budget
Purpose	To cover expenses in connection with the Haile Selassie dinner on June 9, 1954
Donor	Louise Stakman
Amount	\$200
Fund	Elvin Charles Stakman Endowment Fund
Donor	Twin City Chapter of the Mail Advertising Service Association
Amount	\$150
Fund	Mail Advertising Service Association Scholarship Fund
Purpose	To support a special scholarship for students in Schools of Business Administration and Journalism for academic year 1955-56 in accordance with correspondence filed supplement to the minutes, page 8642
Donor	Alpha Zeta Fraternity
Amount	\$150
Fund	Alpha Zeta Traveling Scholarship
Donor	Minnesota Recreation Association
Amount	\$150
Fund	Minnesota Recreation Association Scholarship Fund
Purpose	To establish a new scholarship fund for students in recreation in accordance with correspondence filed supplement to the minutes, page 8643
Donor	Cokato Community Chest, Inc.
Amount	\$128
Fund	Cancer Research Fund
Donor	Carbide & Carbon Chemicals Co.
Amount	\$100 (Increase in stipend for a single student from \$1,400 to \$1,500)
Fund	Carbide & Carbon Chemicals Company Fellowship in Organic Chemistry
Donors and Amounts	\$20 Miss Evelyn Thompson and Mrs. Donald Powell 25 Mrs. Dorothy Walton Binder and Mr. Richard G. Robinson
Fund	25 Mrs. Ila Sorneson Lawson School of Social Work Scholarship Fund

Donor	Maternity Hospital
Amount	\$36
Fund	Maternity Hospital Fellowship
Donor	Foster Club
Amount	\$25
Fund	Occupational Therapy Clinic Fund
Donors	\$21 Mrs. Eugene F. Kunze
and	2 Mrs. Effie Hogenson
Amounts	
Fund	Muscular Dystrophy Associations of America, Inc., Research
Donor	The Norwegian-American Fellowship Fund
Amount	\$10
Fund	Norwegian-American Graduate Fellowship Fund
Donors	Mr. and Mrs. J. W. Crawford
Amount	\$5
Fund	Heart Disease Research Fund

Voted to accept with thanks the gift of 400 hours of computational time from Engineering Research Associates, Division of Remington Rand, Inc., St. Paul, Minnesota to the Institute of Technology.

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 8644.

Voted to approve Journal Vouchers No. 6501 to No. 9000, inclusive.

Voted to approve Transfers of Funds No. 4001 to No. 4500, inclusive.

Voted to approve Requisitions No. 52089 through No. 54394, amounting to \$867,295.

Voted to adjourn.

W. T. MIDDLEBROOK, Secretary