

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

FACULTY, STAFF AND STUDENT AFFAIRS COMMITTEE

MINUTES

November 12, 1970

A meeting of the Faculty, Staff and Student Affairs Committee was held in the Regents' Room, 238 Morrill Hall, on Thursday at 1:30 p.m.

Regents present: Regent Yngve, presiding; Regents Cina, Howard, Huffington, Hughes, Malkerson, Rauenhorst, Sherburne, and President Moos.

Staff present: Vice Presidents Cashman, Champion, French, Lunden, Shepherd, Smith, and Wenberg; Messrs. Kegler, Lofquist, Reeves, Scribner, and Tierney; and Misss McAvoy. Messrs. Farris and Kornfeldt, representatives from Cresap, McCormick, and Paget, were guests of the Committee.

Vice President Smith introduced Dr. Leo Kornfeldt, Vice President of CMP's Education Division, to the Regents.

Dr. Kornfeldt presented a brief overview of the study carried out by his firm concerning the management information systems of the University of Minnesota. He explained the purpose of the study, to design "a system in principle" which would permit integrated development of five major systems for the University: payroll and personnel, admissions and records, financial records, University services, and room scheduling and space allocation. In each area the nature of the outputs sought from the system has been defined, a time schedule established for developing the system, and costs of the development have been specified as well as the cost savings potential from more effective use of the computer.

Dr. Kornfeldt emphasized that the University of Minnesota invests less in both hardware and personnel for its administrative information systems than comparable institutions but is now getting better output from its computer center and its administrative systems than is typical. He believes that with strong supervision of the development proposed, the University can achieve marked

improvements in its information systems and recover most or all of the costs in hardware systems and programming personnel from personnel savings which will follow from greater use of the computer.

Among the key improvements in the development proposed will be: a) a payroll and personnel system which will generate information on allocations of faculty and staff effort to various University functions; b) a financial report system which will provide deans, department heads, etc., with timely information on their rates of expenditures and resources and give timely warnings to the unit and central administration if a unit is headed for fiscal trouble; c) elimination of some steps in hand processing of fee statements, encumbrances, etc.; and d) computer output of transcripts.

CMP has also made recommendations on the administrative structure for managing University management information systems, and these are under study by central administration. CMP is continuing its contract with the University to supervise installation of its recommendations and assume responsibility for the workability of the developments proposed.

Vice President Cashman proposed the following change in residence regulations:

All references to marital status and sex in residence requirements with the exception of those related to emancipation of minors should be deleted, effective at the beginning of Winter Quarter, 1971.

This resolution is intended to bring the residency policy into line with the Regents' policy on equal opportunity. The resolution was unanimously approved.

Voted to adjourn at 2:45 p.m.

DONALD K. SMITH, Acting Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS
HEALTH SCIENCES COMMITTEE

MINUTES

November 12, 1970

A meeting of the Health Sciences Committee was held in the Regents' Room, 238 Morrill Hall, on Thursday at 2:45 p.m.

Regents present: Regent Hughes, presiding; Regents Cina, Howard, Huffington, Malkerson, Rauenhurst, Sherburne, Yngve, and President Moos.

Staff present: Vice Presidents Cashman, Champion, French, Lunden, Shepherd, Smith, and Wenberg; Messrs. Kegler, Lofquist, Reeves, Scribner, and Tierney; and Miss McAvoy.

Vice President French presented the Rural Health Physicians Program which is designed to improve the delivery of health care in the rural areas. There was considerable discussion about the \$10,000 stipend for the students in the program. It was decided to change the nomenclature from stipend to scholarship so that it does not appear that the University is paying students to go to school. The motion to approve the program was passed unanimously.

Voted to adjourn at 3:20 p.m.

DONALD K. SMITH, Acting Secretary



UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

PHYSICAL PLANT COMMITTEE

MINUTES

November 13, 1970

A meeting of the Physical Plant Committee was held in the Campus Club, Coffman Memorial Union, on Friday at 8:00 a.m.

Committee members present: Regent Huffington, presiding; Regents Cina, Hughes, Rauenhorst, and Sherburne.

Other Regents present: Regents Malkerson and Yngve.

The Vice President for Finance, Planning and Operations reported that the following bids had been awarded for the steam and condensate piping in the deep tunnel from Scott Hall to Washington Avenue, Southeast, Minneapolis Campus:

H. R. Nichols
649 Pelham Blvd.
St. Paul, Minnesota

Base Bid		\$134,200
Supervising and Inspection	\$ 4,000	
Contingency	36,800	
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Total of the Above Low Bids		40,800
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Total Project Costs		\$175,000

Source of Funds:

Administrative allotments for deep tunnel completion	\$175,000
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The Vice President for Finance, Planning and Operations reported that the following bids had been awarded for the storm sewers, water main and sanitary sewer extension for the St. Paul Campus:

Shoemaker and Gould, Inc.
1810 Montreal Avenue
St. Paul, Minnesota 55116

Bid "A"

Storm Sewer from Crop Service
Building to United States
Department of Agriculture
Rust Laboratory Site \$17,337.00

Bid "B"

Sanitary Sewer and Water
Main to Rust Laboratory
and Water Main from
Machinery Garage to the
Forest Products Building 39,305.00

Bid "C"

Storm Sewer and Catch Basin
to drain area behind the
Crop Service Building 1,615.00

Bid "D"

Water Main, Storm and
Sanitary Sewers for the
Biological Sciences Center
Greenhouse 2,563.00

Total Net Combined Bid .. \$60,820.00

Noncontract costs in connection with
this project are estimated as follows:

Engineering 608.00
Site surveying and layout 912.00
Supervision of construction 912.00
Repairs to streets, parking lot,
curbs and gutters 6,000.00
Seeding of disturbed areas 750.00

Total of Noncontract costs .. 9,182.00

Total of Above Costs \$70,002.00

Available for Contingencies 1,825.00

Grand Total of Costs \$71,827.00

Funds for this project have been provided as follows:

From the 1965 Legislative
appropriation \$52,834.00
Funds provided on June 23, 1967
as a grant from the United
State Department of Agriculture
(The Flax Program),
extended to June 30, 1971 16,000.00

From Regents' Reserve Funds on June 30, 1967 as the University's share of cost of installing the storm sewer to serve the new Cooperative Rust Laboratory ..	11,000.00	
To be furnished by the United States Department of Agriculture as a contribution for extending the services to the Rust Laboratory	3,000.00	
Amount allocated from the Legislative appropriation of 1967 for the Crop Service Field Building Construction ...	4,140.00	
Amount allocated from the Legislative appropriation of 1969 for the Biological Sciences Center Greenhouse Construction	3,702.00	
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Total Funds Available		\$90,676.00

The Vice President for Finance, Planning and Operations reported that the following bid had been awarded for the Nursery School Play Yard, Institute of Child Development, Minneapolis Campus:

Monette Construction Company
2050 White Bear Avenue
St. Paul, Minnesota 55109

Base Bid	\$13,990.00
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Noncontract costs in connection with
this project are estimated as follows:

Engineering	\$ 140.00	
Surveys and laying out	280.00	
Supervision of construction	210.00	
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Total Noncontract costs	630.00	
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Total of Above Costs		\$14,620.00
Available for Contingencies		420.00
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Grand Total of Costs		\$15,040.00

Source of Funds:

Institute of Child Development Pre- School Fund	\$15,040.00
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The Vice President for Finance, Planning and Operations reported that the following bid had been awarded for the construc-

tion of a storage shed at the North Central Station, Grand Rapids:

Lampert Lumber Company
Grand Rapids, Minnesota

Bid	\$11,530.00	
Total		\$11,530.00

Source of Funds:

Operating balances, North Central Station	\$11,530.00
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The Vice President for Finance, Planning and Operations reported that the following bids had been awarded for the construction of the Classroom Building at the University of Minnesota Technical College, Crookston:

General Construction

Otto J. Eickhof & Sons, Inc.
209 North Main Street
Crookston, Minnesota 56716

Base Bid	\$ 705,483
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Mechanical Work

Sornsin Company
116 Roberts Street
Fargo, North Dakota

Base Bid	311,211
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Electrical Installation Work

Rick's Electric Construction Company
Box 181
Breckenridge, Minnesota 56520

Base Bid	117,900
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Elevator Work

R & O Elevator Company, Inc.
6045 Pillsbury Avenue South
Minneapolis, Minnesota 55419

Base Bid	26,250
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Total of the Above Low Bids	\$1,160,844
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Soil Stabilization (contract awarded and work completed)

The Prepakt Concrete Company
1705 Superior Building
Cleveland, Ohio 44114

Net Contract Amount 34,775

Total Building Costs 1,195,619

Nonbuilding costs in connection with this project are estimated as follows:

Architects'/Engineers' fees \$ 69,651
Supervision of construction 14,510
Site surveys, test holes, etc. 1,000
Concrete and materials testing 1,500
Outside work; landscaping,
shrubbery, etc. 3,200
Allowance for custodial, special
furnishings and equipment,
and office furniture and
equipment 112,690
Miscellaneous engineering, check-
ing of plans and specifications
and shop drawings 1,500
Fire extinguishers, towel cabinets,
keying of building, etc. 1,000

Total Nonbuilding Costs ... 205,051

Total of the Above Costs ... \$1,400,670
Available for Contingencies 34,825

Grand Total of Costs \$1,435,495

Source of Funds:

1969 Legislative Appropriation .. \$1,525,000

The Vice President for Finance, Planning and Operations reported that the following bids had been awarded for the Primary Electrical Distribution System, Phase II, University of Minnesota, Morris:

Rick Electric, Inc.
420 - 21st Street South
Moorhead, Minnesota 56560

Base Bid \$ 128,700

Noncontract costs in connection with this project are estimated as follows:

Engineering fees 6% \$7,722.00
Supervision of construction 1½% .. 1,608.00
Site surveys and laying out 700.00
Concrete and materials testing 200.00

Electrical outages and switching ..	1,200.00	
Miscellaneous engineering, checking of plans and specifications and shop drawings	500.00	
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Total Noncontract Costs		11,930
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Total of Above Costs		\$140,630
Available for Contingencies ..		3,861
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Grand Total of Costs		\$144,491

Funds available for the project are as follows:

1967 Legislative appropriations for University of Minnesota, Morris Electrical Distribution System—Balance	\$ 31,063	
1969 Legislative appropriations for University of Minnesota, Morris Electrical Distribution System	138,000	
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Total Available Funds		\$169,063

The Vice President for Finance, Planning and Operations reported that the following bids had been awarded for the construction of a Machine Storage Building at the Horticultural Research Center, Excelsior:

Razing Existing Structure and Site Preparation

Kadlec Contracting Company Chaska, Minnesota	
Bid	\$ 3,420

General Construction

Lester's Incorporated Lester Prairie, Minnesota	
Bid	10,938

Other Costs

Concrete floor	\$ 4,590	
Electrical	2,000	
Engineering, supervision and contingencies	1,500	8,090
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Total Costs		\$22,448

Source of Funds:

1969 Legislative Appropriation ..	\$23,000
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Voted, on recommendation of the Vice President for Finance, Planning and Operations and the President, to approve the pur-

chase of the property of the Church of Our Lady of Perpetual Help located at 419 - 21st Avenue South, Minneapolis, said property containing approximately 19,140 square feet, for the purchase price of \$200,000.00, with funds to be provided from the 1969 legislative appropriation for the purchase of land on the West Bank; and further voted, on recommendation of said officers, to approve the lease-back of said premises to the Church for three years with the Church to have an option to renew the lease for an additional three years at a rent of \$600.00 per month.

The Vice President for Finance, Planning and Operations discussed the redesign of the Performing Arts Center for the Minneapolis Campus, West Bank, and reported that the architects have indicated that the redesign, including the reduction in size and scope of the building, appears adequate to enable the building to be constructed within available funds.

Voted upon the recommendation of the Vice President for Finance, Planning and Operations and the President, to authorize the Vice President for Finance, Planning and Operations to enter into negotiated contracts with the following companies for construction of the Performing Arts Center within available funds.

Naugle-Leck Associates, Inc. Minneapolis	General Construction
Egan and Sons Co. Minneapolis	Mechanical
Collins Electric Co. Minneapolis	Electrical
A. Kieckhefer Elevator Co. Milwaukee, Wisconsin	Elevator
Gust Lagerquist and Sons, Inc. Minneapolis	Stage Lift Installation
St. Paul Book and Stationery Co. St. Paul	Auditorium Seating Installation

The Vice President for Finance, Planning and Operations reported that the following property parcels had been purchased:

Arthur B. Jennings property located at 423 Oak Street Southeast, Minneapolis (East Bank), containing approximately 5,550 square feet, for the purchase price of \$25,000. Funds to be provided from the annual land purchase account for the Minneapolis Campus.

Earl Frentz property located at 505 Ontario Street Southeast, Minneapolis, which contains approximately 4,860 square feet, for the purchase price of \$23,000, with funds to be provided by the annual land purchase account for the Minneapolis Campus.

Voted on the recommendation of the Vice President for Finance, Planning and Operations and the President to approve the following documents and resolutions pertaining to the Housing

and Urban Development loan in connection with the construction of a dormitory on the Duluth Campus:

The Trust Indentures

The instrument between the University of Minnesota and the Northern City National Bank of Duluth, as Trustees, covers the details of the loan agreement and the general conditions between the University and the Federal Government (and/or any other bond holders in the future) for a bond issue totaling \$1,925,000 for a part of the cost of constructing a new dormitory to provide housing and appurtenant facilities for approximately 404 students on the Duluth Campus.

The Bond and Parietal Rules Resolution

The resolution grants the authority and prescribes for the University President and Vice Presidents the procedure to be followed in the sale and issue of bonds under conditions set forth in the indenture, and state the parietal rules based on Section 35 of the Terms and Conditions of the Loan Agreement.

Voted on the recommendation of the Vice President for Finance, Planning and Operations and the President to approve the following documents and resolutions pertaining to the Housing and Urban Development loan in connection with the construction of a dormitory on the Morris Campus.

The Trust Indentures

The instrument between the University of Minnesota and the Northwestern National Bank of Minneapolis, as Trustees, covers the details of the loan agreement and the general conditions between the University and the Federal Government (and/or any other bond holders in the future) for a bond issue totaling \$1,300,000 for a part of the cost of constructing a new dormitory to provide housing and appurtenant facilities for approximately 248 students on the Morris Campus.

The Bond and Parietal Rules Resolution

The resolution grants the authority and prescribes for the University President and Vice Presidents the procedure to be followed in the sale and issue of bonds under conditions set forth in the indenture, and state the parietal rules based on Section 35 of the Terms and Conditions of the Loan Agreement.

The Vice President for Finance, Planning and Operations advised the Committee of the requests for annexation of University properties from the communities of Waseca, Morris, and Willmar. Voted to authorize the appropriate Administrative Officers to consent to annexation by the respective communities.

Voted to approve the resolution passed by the Executive Committee that for the foreseeable future, the South campus area of the Duluth Campus be maintained as part of the Duluth campus, and further that the development of space for the initiation

of the Duluth medical school proceed in the buildings available in the South campus.

The Physical Plant Report and supporting documentation are filed supplement to the minutes, page 20,810.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary

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UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

MINUTES

November 13, 1970

A meeting of the Board of Regents was held in the Regents' Room, 238 Morrill Hall, on Friday at 9:30 a.m.

Regents present: Regent Malkerson, presiding; Regents Cina, Gainey, Hartl, Howard, Huffington, Hughes, Rauenhorst, Sherburne, Yngve, and President Moos.

Staff present: Vice Presidents Cashman, Champion, French, Lunden, Shepherd, Smith, and Wenberg; Messrs. Carlson, Darland, Eidenberg, Frederick, Garrison, Grygar, Imholte, Johnson, Kegler, Lofquist, McInnes, Odegard, Sahlstrom, Scribner, and Tierney; Miss McAvoy, Dr. Wirt, and Mrs. Pirsig.

APPROVAL OF MINUTES

Voted to approve the minutes of the following meetings:

Draft of Minutes:

Educational Policies Committee Meeting—October 8, 1970

Physical Plant Committee Meeting —October 9, 1970

Board of Regents Meeting—October 9, 1970

AMENDMENTS OF MINUTES

January 9, 1970, single quarter leave of absence with salary for Allen Downs Professor Studio Arts for the winter quarter of 1970-71 to be cancelled (subsequently appointed as department chairman)

July 10, 1970, single quarter leave of absence with salary for Travis I Thompson Professor Psychiatry for the winter quarter of 1970-71 to be cancelled (supplementary grant needed did not come through)

PERSONNEL CHANGES

Voted to approve the following personnel changes:

Retirement

Addison Alspach as Professor Emeritus Division of Humanities Duluth effective June 15, 1970

Terminations

Carel M van Vliet Professor Electrical Engineering effective September 15, 1970

Arthur J Madden Associate Professor Chemical Engineering and Materials Science effective September 30, 1970 plus one month death payment allowance

Ramon F Fusaro Associate Professor Dermatology effective September 30, 1970

Appointments

Andrew F Burghardt as Visiting Professor Geography for the winter quarter of 1970-71 at \$6,500 Term CT (\$19,500 B rate)

Robert H Robins as Hill Visiting Professor Linguistics December 16, 1970 to June 15, 1971 at the rate of \$24,000 Term BT

Theodore W Clymer as Professor Elementary Education for 1970-71 at \$3,600 Term BHT16 (\$22,500 B rate)

Werner D Tismer as Adjunct Professor Elementary Education for 1970-71 at \$3,000 Term BHT25 (\$12,000 B rate)

Frederick W Gehring as Visiting Professor School of Mathematics and Research Funds December 16, 1970 to June 15, 1971 at \$17,600 Term CT (\$26,400 B rate)

Vladimir Strejc as Visiting Professor Computer Information and Control Science Research Funds September 1, 1970 to February 28, 1971 at \$6,000 Term CT (\$12,000 A rate)

Robert S Harris as Visiting Professor School of Dentistry Research Funds September 1, 1970 to June 30, 1971 at the rate of \$23,000 Term AT

Theodore P Labuza as Associate Professor Food Science and Industries beginning June 1, 1971 at the rate of \$19,000 Term A

Special Appointments

Evelyn N Deno as Professor and Director Psycho-Educational Center and Special Education Research Funds September 16, 1970 to March 15, 1971 at \$8,889 Term CH67 (\$20,000 B rate); son Stanley Deno Visiting Professor Special Education Term BT

Gilford Remington Professor Emeritus Director Evening and Special Classes Duluth to continue to serve as Professor and Director October 1 to November 15, 1970 at \$1,211 per month (69 years of age)

Mary Engelman as Instructor General Education University of Minnesota Technical College Crookston for 1970-71 at \$8,200 Term BT (husband Keith F Engelman Instructor General Education University of Minnesota Technical College Crookston Term B)

John W Cogdill as Research Assistant Sociology Research Funds October 1, 1970 to June 15, 1971 at the rate of \$1,548 Term BHT25 (wife Mauveen Cogdill Research Assistant Sociology Research Funds Term BHT25)

Linda D Finke student as Laboratory Attendant Division of Humanities Morris September 28, 1970 to June 12, 1971 at \$1.90 per hour (sister Mary Finke student Residence Hall Proctor Clayton A Gay Hall #2 Morris hourly rate)

James R Hoffman student as Undergraduate Teaching Assistant Division of Social Science Morris September 28, 1970 to June 12, 1971 at \$2.31 per hour (wife Vicki Hoffman student Clerk Division of Social Science Morris hourly rate)

Timothy J Lannon student as Undergraduate Teaching Assistant Division of Education Morris September 28, 1970 to June 12, 1971 at \$2.31 per

hour (father John Lannon Instructor Division of Education. Morris Term KT)

Kristie L Stratton student as Clerk Admissions and Scholarships Morris September 28, 1970 to June 12, 1971 at \$1.90 per hour (husband James Stratton student Food Service Worker Food Services Morris hourly rate)

Richard A Witthans student as Undergraduate Teaching Assistant School of Mathematics beginning October 1, 1970 at \$2.31 per hour (brother Ronald Witthans student Undergraduate Teaching Assistant School of Mathematics hourly rate)

John W Fox student as Data Processing Assistant Administration Morris September 28, 1970 to June 12, 1971 at \$2.40 per hour (wife Karen Fox Senior Clerk-Typist Administration Morris Term A)

Teresa L Ralls student as Clerk Evening and Special Classes October 15, 1970 to June 30, 1971 at \$1.90 per hour (sister Sharon Ralls Account Clerk Evening and Special Classes Term A)

Duane D Jaenicke student as Clerk Agricultural Extension Service October 6, 1970 to June 15, 1971 at \$1.90 per hour (wife Beverly Jaenicke Senior Clerk-Typist Agricultural Extension Service Term A)

Frank A Cizl student as Laborer Plant Services Crookston beginning September 28, 1970 at \$1.90 per hour (father Frank R Cizl Senior Laborer Northwest Experiment Station Crookston Term A)

Michael M Leslie student as Clerk Business Office Crookston beginning September 28, 1970 at \$1.90 per hour (brother Vinson Leslie student Laborer Athletic Department hourly rate)

Patricia E Canny student as Clerk Library beginning October 1, 1970 at \$1.90 per hour (sister Suzanne P Canny student Clerk Library hourly rate)

Barry J Kersting student as Clerk McCall Hall Dormitory Crookston September 28, 1970 to June 11, 1971 at \$1.90 per hour (brother Darrel Kersting student Clerk University Relations Crookston hourly rate)

Elizabeth P Kiefer student as Clerk Pioneer Hall September 21, 1970 to June 15, 1971 at \$1.90 per hour (sister Ruth E Siljander Principal Food Service Manager Pioneer Hall Term A)

Steven R DuBois student as Food Service Worker St Paul Dining Center beginning September 21, 1970 at \$1.90 per hour (brother William S DuBois student Custodial Worker St Paul Dining Center hourly rate)

Larry L Edlund student as Resident Hall Proctor Residence Hall #3 Morris September 28, 1970 to June 12, 1971 at \$2.22 per hour (wife Connie Edlund student Resident Hall Proctor Residence Hall #3 Morris hourly rate)

Joanne M Rosen student as Resident Hall Proctor Residence Hall #3 Morris September 28, 1970 to June 12, 1971 at \$2.22 per hour (brother Ronald Rosen student Laborer Audio-Visual Morris hourly rate)

Gregory Dale student as Laborer Northwest Experiment Station Crookston September 28, 1970 to April 30, 1971 at \$1.90 per hour (father Raymond Dale, Sr Operating Engineer Plant Services Crookston Term A)

Promotions and Transfers

Frank C Miller Professor and Chairman Anthropology at \$18,500 Term B to serve as Professor and Chairman on the Mexico Program with the Office of International Programs for 25% of time without change in salary rate or term for 1970-71

John E Turner Professor Political Science at \$25,100 Term B to serve

as Director International Studies Association for 50% of time without change in salary rate or term for 1970-71

Clark D Starr Professor and Chairman Speech Science Pathology and Audiology at \$21,200 Term A to serve as Professor and Chairman on RSA Grant for 35% of time without change in salary rate or term September 1, 1970 to June 30, 1971

Wilbur R Maki Professor Agricultural Economics at \$25,800 Term A to serve as Professor Center for Urban and Regional Affairs for 33% of time without change in salary rate or term for 1970-71

Vernon W Ruttan Professor Agricultural and Applied Economics at \$28,000 Term A to serve as Director of the Economics Development Center for 50% of time without change in salary rate or term for 1970-71

Ralph E Miller Professor College of Agriculture Forestry and Home Economics at \$19,100 Term A to serve as Professor School of Home Economics without change in salary rate or term for 1970-71

Homer D Venters from Associate Professor Pediatrics at \$21,500 plus commutation allowance in lieu of professional fees Term A to Professor at the rate of \$25,000 Term A beginning July 1, 1970

Shelly N Chou Professor Neurosurgery at \$22,000 Term A to serve in addition as Acting Head without change in salary rate or term September 15, 1970 to June 30, 1971

William A Kavanaugh Professor and Acting Chairman Industrial Education at \$21,500 Term A to serve as Professor EPDA Fellowship Program for 33% of time without change in salary rate or term July 16, 1970 to June 30, 1971

Theodore E Uehling from Associate Professor and Director of Seminar and Honors Administration Morris from \$13,700 Term B to Associate Professor and Assistant Dean at the rate of \$17,500 Term A beginning September 1, 1970

James L App from Assistant to the Dean Administration Institute of Agriculture and Associate Professor of Agricultural Economics at \$20,400 Term A to Assistant to the Dean Administration Institute of Agriculture Associate Professor Agricultural and Applied Economics and Superintendent Lake Itasca Forestry and Biological Station without change in salary rate or term beginning September 16, 1970

John K Munholland Associate Professor History at \$13,000 Term B to serve in addition as Assistant Chairman without change in salary rate or term for 1970-71

Roger S Jones Associate Professor School of Physics and Astronomy at \$13,700 Term B to serve as Co-Director of Experimental Program in University College for 90% of time without change in salary rate or term for 1970-71

W Ray Cross Associate Professor Educational Administration at \$16,100 Term B to serve as Associate Professor Training of Teacher Trainers for 25% of time without change in salary rate or term for 1970-71

Charles H Sederberg Associate Professor and Director of Surveys Educational Administration at \$21,500 Term A to serve as Director of the Indian Training Program for 50% of time without change in salary rate or term for 1970-71

John J Mauriel, Jr from Associate Professor School of Business Administration at \$16,300 Term B to Associate Professor School of Business Administration and Continuing Education in Business General Extension Division at the rate of \$22,500 Term A beginning September 16, 1970

Thomas G Boman Associate Professor Division of Education and Psychology Duluth at \$14,100 Term B to serve as Director of the Drug Education and Information Center for 50% of time without change in salary rate or term for 1970-71

Vernon L Simula Associate Professor and Head Special Education Division of Education and Psychology at \$14,500 Term B to serve as Director of EDPA SLD Institute for 25% of time without change in salary rate or term for 1970-71

Barbara Knudson Associate Professor Coordinator of Community Services Program Administration General Extension Division at \$16,500 Term A to serve as Associate Professor Center for Urban and Regional Affairs for 50% of time without change in salary rate or term September 1, 1970 to February 28, 1971

Garland Meadows from Instructor Physical Medicine and Rehabilitation Research Funds and Psychology at \$14,000 Term AT for 1969-70 to Assistant Professor Physical Medicine and Rehabilitation Research Funds, Psychology and Psychiatry at the rate of \$14,560 Term AP beginning July 1, 1970 (promotion approved Board of Regents, May 1970)

Robert W Bridges from Business Manager Administration Duluth at \$20,980 Term A to Vice Provost for Business Affairs at \$23,000 Term A for 1970-71

Julian B Hoshal from University Relations Representative Duluth and Assistant Professor News Service—Duluth at \$15,600 Term A to Director Campus Relations, Duluth and Assistant Professor at \$17,544 Term A for 1970-71

Merle McGrath from Fiscal Services Manager University Hospitals and Instructor at \$19,950 Term A to Associate Director University Hospitals and instructor without change in salary rate Term AT September 1, 1970 to June 30, 1971

Harold Johnson from Offset Production Foreman Printing Department at \$11,400 Term A to Printing Production Supervisor at \$12,828 Term A for 1970-71

Salary Adjustments

John Q Imholte Provost and Professor Administration Morris from \$27,000 Term A to the rate of \$29,500 Term A beginning July 1, 1970

Stanley D Sahlstrom Provost and Professor Administration University of Minnesota Technical College Crookston from \$25,900 Term A to the rate of \$27,400 Term A beginning July 1, 1970

David A Storvick Professor and Associate Chairman School of Mathematics at \$22,900 Term B on sabbatical furlough to receive \$11,450 National Science Foundation Funds for 1970-71 to be paid through the University

Elmer L Thomas Professor Food Science and Industries at \$20,000 Term A on sabbatical furlough to receive \$4,408 National Institute for Research at Reading, England October 1, 1970 to June 30, 1971 to be paid through the University

Charles A Simkins Professor and Extension Specialist Soils Soil Science and Agricultural Extension Service from \$20,000 Term A to the rate of \$21,000 Term A beginning July 1, 1970

James H Reeves Assistant Vice President for Student Affairs and Assistant Professor from \$23,300 Term AP to \$25,000 Term AP for 1970-71

Arthur E Holt Printing Plant Manager Printing Department from \$14,424 Term A to \$15,000 Term A for 1970-71

Leaves of Absence

Katherine Nash Professor Studio Arts sabbatical furlough for 1971-72 for research of sculpture with work to be done here and abroad

Phillip J Tichenor Professor School of Journalism and Mass Communication sabbatical furlough September 1, 1971 to June 30, 1972 to complete and synthesize a five-year program of research on communication of scientific information through mass media, including accuracy of reporting, relationships between scientists and mass media, and communication to public audiences about environmental issues with time to be spent in the United States

David K Berninghausen Professor and Director Library School sabbatical furlough September 1, 1971 to June 30, 1972 to write essays or a book on the subject of intellectual freedom and objective, free scholarship as related to librarianship with time to be spent in Hawaii or Palo Alto, California

Richard J Goldstein Professor Mechanical Engineering sabbatical furlough for 1971-72 to explore applications of a number of problems including thermal pollution and diffusion of effluents into the atmosphere or into the natural bodies of water with time to be spent at Cambridge University, England

John D Britton Professor School of Chemistry sabbatical furlough for 1971-72 to study structural chemistry and x-ray crystallography and to study with Professor J D Dunitz at the Swiss Federal Institute of Technology in Zurich

C Alden Mead Professor School of Chemistry sabbatical furlough for 1971-72 to carry out studies in molecular quantum mechanics including the application of group theory and studies of the Born-Oppenheimer approximation with time to be spent at the Institut für Quantenchemie der Freien Universität Berlin

Abe B Baker Professor and Head Neurology leave with salary October 5 to November 15, 1970 for a lecturing tour to New York, Oslo, Norway, Jerusalem and Ibadam, Nigeria

Herbert Jonas Professor Botany sabbatical furlough for 1971-72 to update academic background for research and teaching and for research work with time to be spent in Germany or Australia

John C Hause Associate Professor Economics continuation of leave without salary December 16, 1970 to June 15, 1971 for independent research at the National Bureau of Economics Research in New York

R Smith Schuneman Associate Professor School of Journalism and Mass Communication sabbatical furlough for 1971-72 to complete basic research for a book entitled The Photograph in Print, Development of Photojournalism in American Newspapers and Magazines with time to be spent in Europe

James B Overmier Associate Professor Psychology sabbatical furlough for 1971-72 to study recent developments in the psychology of learning, learn a new laboratory technique for the study of the role of the telencephalon in the control of teleost behavior and develop with other researchers some new approaches to problems of the influences of Pavlovian conditioning upon instrumental behavior with time to be spent in London, Warsaw and Philadelphia

Jesse E Fant Associate Professor Civil and Mineral Engineering leave without salary January 1 to February 1, 1971 to assist the Minnesota Highway Department in implementing major changes in their surveying methods and standards

Erwin Marquit Associate Professor School of Physics and Astronomy sabbatical furlough for 1971-72 to engage in experimental work involving bubble chambers and spark chambers at the Niels Bohr Institute in Copenhagen, Denmark

Hugh D Westgate Associate Professor Anesthesiology leave with salary September 9 to October 2, 1970 to present papers in Toronto, London and Liverpool on original research done during the past year

Richard E Shope, Jr Associate Professor Veterinary Medicine leave without salary October 12, 1970 to June 30, 1971 to accept a position as Immunologist with the Pan American Sanitary Bureau of the World Health Organization

Betty M Pederson Associate Director Associate Professor Nursing Services University of Minnesota Hospitals leave without salary November 10, 1970 to February 26, 1971 for study

CONTRACTS AND GRANTS

Voted to approve the following contracts and grants:

Office of Economic Opportunity

CG 5073 A/O, "The Preparation of Administrators for Indian Schools," awarding funds in the total amount of \$162,334.00 for the period May 1, 1970 through August 31, 1971 under the direction of Professor Charles H. Sederberg, Educational Administration.

U.S. Department of the Navy

N00014-67-A-0113-0021, "Space Radiation Hazards," awarding funds in the total amount of \$140,000.00 for the period September 1, 1970 through August 31, 1971 under the direction of Professor C. J. Waddington, Department of Physics

U.S. Public Health Service

5 E02 AH 00007-13, Continuation, "Grant for the Provision of Public Health Training" awarding funds in the total amount of \$308,000.00 for the period July 1, 1970 through June 30, 1971 under the direction of Dean Lee Stauffer, School of Public Health.

5 P02 AM13083-03, Continuation, "Studies of Organ Transplantation in Animals and Man," awarding funds in the total amount of \$328,335.00 for the period September 1, 1970 through August 31, 1971 under the direction of Dr. John Najarian, Department of Surgery.

5 R01-MH-15521-03, Continuation, "Problem Solving Behavior of Family Groups," awarding funds in the total amount of \$190,901.00 for the period September 1, 1970 through August 31, 1971 under the direction of Professor Reuben Hill, Family Study Center.

5 P01 NS03364-09, Continuation, "Neurological Research Center in Cerebrovascular Disease," awarding funds in the total amount of \$424,205.00 for the period September 1, 1970 through August 31, 1971 under the direction of Dr. A. B. Baker, Department of Neurology.

5 MOI RR00400-03, Continuation, "General Clinical Research Center, Adult," awarding funds in the total amount of \$440,994.00 for the period October 1, 1970 through September 30, 1971 under the direction of Dr. Robert Ulstrom, Medical Sciences.

APPLICATIONS FOR CONTRACTS AND GRANTS

Voted to approve the following applications for contracts and grants:

U.S. Public Health Service	\$1,658,241.00
Dr. H. Mead Cavert, Medical School	
IDC8-ME-00109, Continuation, "Physicians Augmentation Program," one year	
U.S. Public Health Service	800,603.00
Dean Erwin Schaffer, Dentistry	
ME-1146-02, Supplement, "Health Professions—Educational Improvement Program," one year	
U.S. Office of Education	535,609.30
Professor Bruce Balow, Special Education	
OEG-0-9-332189-4533(032), Continuation, "Research and Development Center in Education of the Handicapped," one year	
John A. Hartford Foundation	438,821.00
Dr. R. A. Good, Pathology	
"Cellular Engineering and Immunologic Reconstitution," three years	
U.S. Public Health Service	396,271.00
Dr. R. C. Lillehei, Surgery	
"Minnesota Trauma Study Center," one year	
U.S. Public Health Service	341,674.00
Dr. Eugene Ackerman, Laboratory Medicine	
RR-00267-06, Continuation, "Biomedical Data Processing Unit," one year	
National Aeronautics and Space Administration	309,577.00
Professor P. J. Kellogg, Physics	
NAS 5-11060, Renewal, "Reduction and Analysis of the Data from the U/M Experiment on IMP-I," two years	
American Cancer Society	269,125.00
Dr. R. L. Simmons, Surgery	
"Altering the Immunogenicity of Tumors by Enzymatic Means," four years	
U.S. Public Health Service	238,500.00
Dr. Lyle A. French, Medical School	
AH-00583-05, Continuation, "Allied Health Professions, Educational Improvement Program," one year	
U.S. Air Force	207,915.00
Professor A. van der Ziel, Electrical Engineering	
"A Study of Amorphous Semiconducting Materials and Devices," three years	
U.S. Army Picatinny Arsenal	207,915.00
Professor A. van der Ziel, Electrical Engineering	
"A Study of Amorphous Semiconducting Materials and Devices," three years	

U.S. Army Electronics Command Ft. Monmouth	207,915.00
Professor A. van der Ziel, Electrical Engineering	
"A Study of Amorphous Semiconducting Materials and Devices," three years	
National Aeronautics and Space Administration	207,915.00
Professor A. van der Ziel, Electrical Engineering	
"A Study of Amorphous Semiconducting Materials and Devices," three years	
U.S. Public Health Service	180,329.00
Dean Lee D. Stauffer, Public Health	
SP 7A 69, Renewal, "Special Purpose Traineeship Grant," one year	
National Science Foundation	164,828.00
Professor R. V. Chacon, Mathematics	
Professor S. Orey, Mathematics	
Continuation of "Research in Probability and Ergodic Theory," two years	
National Aeronautics and Space Administration	157,695.00
Professor A. O. C. Nier, Physics Department	
"Engineering Model of Mass Spectrometer and Encoder for Dual Air Density Explore Satellites," one year	
U.S. Public Health Service	160,000.00
Dean Robert E. Carter, Medical Education	
"Laboratory School and Old Main Renovation," one year	
Social and Rehabilitation Service	153,923.00
Professor J. C. Kidneigh, School of Social Work	
Project 70-17, Continuation, "Child Welfare Training," one year	
National Aeronautics and Space Administration	150,000.00
Professor I. J. Pflug, Environmental Health	
NGL-24-005-160, Renewal, "Environmental Microbiology as Related to Planetary Quarantine," one year	
U.S. Public Health Service	139,735.00
Dr. S. H. Levitt, Radiology	
CA-05190, Renewal, "Radiation Therapy Physics Biology Training," one year	
U.S. Department of the Interior	137,289.00
Professor Rex Lovrien, Biochemistry	
"Trapping of Pollutants by Waste and Natural Polymers," three years	
National Science Foundation	126,903.00
Professor Alfred Aeppli, Mathematics	
Renewal of "Dynamics and Topology," one year	
National Science Foundation	125,663.00
Professor A. G. Fredrickson, Chemical Engineering	
"Studies on Methods to Utilize Energy Income Rather than Energy Capital," one year	
U.S. Public Health Service	110,744.00
Dr. Kurt Amplatz, Radiology	
"Coronary Revascularization Using an Anger Camera," one year	
Leukemia Society	100,000.00
Dr. Toni Mariani, Pediatrics	
"Leukemogenesis: Immunologic Mechanisms and Antigenic Alteration," five years	

Leukemia Society	100,000.00
Dr. R. A. Gatti, Pediatrics	
“Scholar Grant for Research on Humoral and Cellular Factors in Tumor Immunity,” five years	
Total applications over \$100,000.00	\$7,627,190.30

GIFTS

Voted to accept with thanks the following gifts:

Research

Donor	Estate of Louise D. Garvin
Amount	\$14,026.68
Fund	Malignant Disease Research

Scholarships, Fellowships, Prizes and Awards

Donor	University of Minnesota Foundation
Amount	\$50,000.00
Fund	U of M Foundation Corporate Fellowship Program

Donor	University of Minnesota Foundation
Amount	\$13,000.00
Fund	Algot Johnson Scholarship

Donor	U.S. Department of Housing and Urban Development
Amount	\$11,221.00
Fund	U.S. Housing and Urban Development—Urban Studies Fellowship Program

Donor	Shell Companies Foundation
Amount	\$10,000.00
Funds	Shell Fellowship in Chemical Engineering (\$5,000) Shell Fellowship in Mechanical Engineering (\$5,000)

Donor	Student Activities Bureau
Amount	\$10,000.00
Fund	Campus Carnival Scholarship

Donor	General Electric Foundation
Amount	10,000.00
Funds	General Electric Foundation Graduate Research and Study Grant—Behavioral Sciences (\$5,000) General Electric Foundation Graduate Research and Study Grant—Chemical Engineering (\$5,000)

Donor	Atlantic Richfield Foundation
Amount	\$6,600.00
Funds	Atlantic Richfield Foundation-Fellowship in Organic Chemistry (\$4,600) Chemical Engineering Service Fund (\$2,000)

Donor	Smith Kline and French Laboratories
Amount	\$5,500.00
Fund	Smith Kline and French Laboratories Fellowship

Donor Minnesota Surveyors and Engineers Society
 Amount \$5,350.00
 Fund Minnesota Surveyors and Engineers Society-Highway Engineering
 Scholarship

Miscellaneous

Donor University of Minnesota Foundation
 Amount \$20,000.00
 Fund U of M Foundation Regents' Professorship Program

Donor The Rockefeller Foundation
 Amount \$10,500.00
 Fund Rockefeller Foundation Institutional Grant

Donor University of Minnesota Foundation
 Amount \$10,000.00
 Fund U of M Foundation-Special

Donor James F. Bell Foundation
 Amount \$10,000.00
 Fund Bell Foundation-Museum Curatorial Fund

Donor University of Minnesota Foundation
 Amount \$7,870.00
 Fund Drug Abuse Counselor Program

Donor Eastman Kodak Company
 Amount \$6,250.00
 Funds Frank B. Snyder Fund (\$3,000)
 President's Service Fund (\$3,250)

Donor Masonic Memorial Hospital Fund, Inc.
 Amount \$6,250.00
 Fund Masonic Professorship in Cancer

Donor East Side Neighborhood Service, Inc.
 Amount \$5,300.00
 Fund Teachers Service Corps Program

Donor Eastman Kodak Company
 Amount \$5,000.00
 Fund Chemical Engineering Service Fund

Donor The Paulucci Family Foundation
 Amount \$5,000.00
 Fund University of Minnesota, Duluth, Medical Education Program

367 gifts under \$5,000.00 each totaling \$138,442.95 and 329 gifts to
 the Minnesota Alumni Fund totaling \$7,081.15.

Total Gifts \$367,391.78

PERSONNEL ACTION

Vice President Wenberg requested that the appointment of Julian Hoshal from University Relations Representative, Duluth and Assistant Professor News Service—Duluth at \$15,600 Term A to Director Campus Relations, Duluth and Assistant Professor at \$17,544 Term A for 1970-71 be added to the personnel section of the docket.

REGENTS' CITATION

At the request of the Executive Committee of the Board of Regents, the Board approved the award of a Regents' Citation for MacNeil Seymour, attorney-at-law.

FEES

On the recommendation of the Dean of the Institute of Agriculture and the President, the Board voted to approve the proposed tuition increase at the North Central School and Experiment Station from \$75.00 to \$100.00 for resident tuition, and from \$100.00 to \$150.00 for non-resident tuition, and discontinuation of the health fee, effective July 1, 1971.

BUDGET

On the recommendation of the Vice President for Finance, Planning and Operations and the President, the Board voted to approve the following Resolutions:

The revision of the University's academic salary request to the 1971 Legislature from 9.8% in 1971-72 and 4.0% in 1972-73 to 13.8% in 1971-72 and 7.5% in 1972-73.

A new request for a special appropriation to provide funds for the Rural Health Physicians Program (\$120,000 in 1971-72 and \$235,000 in 1972-73).

Regent Hughes reported that this item was discussed and approved by the Health Sciences Committee and that it is a major step forward in solving the problem of health care delivery in the rural areas. Regent Yngve raised the question of health care delivery in the metropolitan-urban areas. He asked that the Health Sciences Committee study the corresponding problem in these areas and asked that the Vice President for the Health Sciences report back at some convenient time concerning the Medical School's activities in the area of developing physicians for the metropolitan-urban needs.

An amended request for the Basic Sciences Program for Medical Training—Duluth from \$481,774 in 1971-72 and \$644,458 in 1972-73 to \$320,972 in 1971-72 and \$469,921 in 1972-73 plus a nonrecurring request for 1971-72 totaling \$316,090.

That the Board of Regents approve minor corrections in the General Operations and Maintenance Fund as outlined in Section III of the attached summary (Sabbatical Leaves and Graduate Social Work Programs—Duluth).

The Board voted to approve the above amendments to the Budget and approved the establishment of the Rural Physicians Scholarship Program.

NONCAMPUS SERVICE REQUESTS

At the request of the individual staff member and the department head and on the recommendation of the Vice President, Academic Administration, and the President, the Board voted to approve the following requests for non-campus service received during the month of October, 1970:

Institute of Agriculture

Paul B. Addis, Associate Professor, Food Science and Industries—Consultant services for Brothen Incorporated. From January 1, 1970 to June, 1971. Estimated time involved: one day per month.

David Grigal, Assistant Professor, Soil Science and Forestry—Consultant services for Oak Ridge Associated Universities. From October 20, 1970 to September 30, 1972. Estimated time involved: 2 days per month.

Vernon W. Ruttan, Professor, Agricultural and Applied Economics—Consultant services for Agency for International Development Research Advisory Committee. From February 20, 1967 (continuation) to indefinite. Estimated time involved: three times a year off campus.

Vernon W. Ruttan, Professor, Agricultural and Applied Economics—Consultant services for Board of Trustees, The Agricultural Development Council, Inc. From June 1, 1967 (continuation) to indefinite. Estimated time involved: three days a year off campus.

Vernon W. Ruttan, Professor, Agricultural and Applied Economics—Consultant services for Foreign Area Fellowship Program, Joint Committee of the Social Sciences Research Council, American Council of Learned Societies. From November 1, 1969 (continuation) to indefinite. Estimated time involved: 6 days a year on campus, four days a year off campus.

Jesse B. Williams, Professor, Animal Science—Consultant services for Mid-America Dairymen, Inc. From December 1, 1970 to June 1, 1971. Estimated time involved: ½ day per month on campus and one day per month off campus.

College of Biological Sciences

Irwin Rubenstein, Professor, Genetics and Cell Biology—Consultant services for Field Enterprises Educational Corporation. From September 15, 1970 to indefinite. Estimated time involved: 10 days per year off campus.

College of Medical Sciences

Jacob E. Bearman, Professor, Biometry, School of Public Health—Consultant services for U.S. Food and Drug Administration. From around the first of the year 1971 to indefinite. Estimated time involved: $\frac{1}{4}$ day per month on campus and $\frac{1}{2}$ day per month off campus.

Margaret Sloan, Assistant Professor, School of Public Health, Public Health Nursing—Consultant services for Marycrest College. From September, 1970 to September, 1975. Estimated time involved: not more than one day per month for six months and quarterly for two years and once a year thereafter.

Finn Wold, Professor, Biochemistry—Consultant services for National Institute of General Medical Sciences, National Institute of Health. From present to June 30, 1974. Estimated time involved: three meetings and 4-5 site-visit trips per year for a total of 12 to 15 days per year.

College of Veterinary Medicine

Hank L. Stoddard, Professor, International Veterinary Medicine and Director, International Programs, Administration—Consultant services for Inter-American Development Bank. From approximately November 23, 1970 to December 18, 1970. Estimated time involved: 26 days off campus.

Law School

Charles W. Rogers, Research Associate, Pre-Hearing Information Service (Defender Social Service Unit)—Consultant services for Allan Billey and Associates. From November 1, 1970 to indefinite. Estimated time involved: from five to ten hours a week—all off campus—after hours and on weekends.

Hospital Administration

John H. Westerman, Director and Associate Professor—Consultant services for Department of Health Education and Welfare, Health Services and Mental Health Administration. From November 1, 1970 to unknown. Estimated time involved: one day every two weeks.

Technical College, Crookston

Ted D. Carr, Assistant Professor, Business Division—Consultant services for State of Minnesota—Business and Office Education. From November 1, 1970 to December 30, 1970. Estimated time involved: weekends and evenings.

COMMITTEES OF THE BOARD

Regent Malkerson reported for the Executive Committee the following:

That he had examined the documents and signed the Report of the Vice President for Finance, Planning and Operations subject to a recommendation approved by the Committee including transfers of

funds, journal vouchers, requisitions, recommendations of the Civil Service Committee, and personnel actions for non-tenured academic staff and civil service staff with starting salary of less than \$11,856 in the following categories: Terminations, appointments, special appointments, promotions, and transfers, salary adjustments and leaves of absence, documentation filed supplement to the minutes, page 20,-811.

That the Executive Committee recommends a change in the date of the December Board of Regents Meeting from December 11, 1970 to December 4, 1970, in St. Paul.

Approval of the Report was moved, seconded and unani-
mously carried.

Regent Huffington, Chairman of the Physical Plant Commit-
tee, reported that the committee had met and reviewed and rec-
ommended approval of the following:

1. Construction Bids:

- a. Steam and condensate piping in the deep tunnel coming from Scott Hall to Washington Avenue, Minneapolis Campus
- b. Storm sewers, Water Main and Sanitary Sewer Extension, St. Paul Campus
- c. Nursery School Play Yard (Tot-Lot) Institute of Child Development, Minneapolis Campus
- d. Storage Shed, North Central School and Experiment Station, Grand Rapids;
- e. Classroom Building, University of Minnesota Technical College, Crookston;
- f. Primary Electrical Distribution System, Phase II, University of Minnesota, Morris;
- g. Machine Storage Building, Horticultural Research Center, Excelsior;

2. Acquisition of Property:

- a. Our Lady of Perpetual Help Church, 419 - 21st Avenue South, Minneapolis (West Bank)
- b. Arthur B. Jennings property, 423 Oak Street S.E., Minneapolis (East Bank);
- c. Earl Frenz property, 505 Ontario Street S.E., Minneapolis (East Bank);

3. Miscellaneous:

- a. Student Housing, University of Minnesota, Morris
- b. Student Housing, University of Minnesota, Duluth
- c. Como Housing Resolution
- d. Redesign of Performing Arts Center, West Bank
- e. Proposed resolution concerning annexation at Waseca
- f. Proposed resolution to phase out the Maple Plain Veterinary Clinic

- g. Resolution: The Regents approved the resolution passed by the Executive Committee that for the foreseeable future, the South campus area of the Duluth campus be maintained as part of the Duluth campus, and further that the development of space for the initiation of the Duluth medical school proceed in the buildings available in the South campus.

The Board voted to approve the recommendations of the Physical Plant Committee.

Regent Yngve reported on a meeting of the Faculty, Staff and Student Affairs Committee. On the recommendation of that Committee, the Board voted to adopt the following Resolution concerning the Regents' policy on Resident Status:

All references to marital status and sex in residence requirements with the exception of those related to emancipation of minors should be deleted, effective at the beginning of Winter Quarter, 1971.

Regent Yngve said this Resolution is intended to bring the residency policy into line with the Regents' policy on equal opportunity.

Regent Howard delivered the report of the Educational Policies Committee. On the recommendation of that Committee, the Board voted to approve the following:

1. M.S. and Ph.D. in Operations Research
2. Master of Science in Experimental Surgery

Regent Howard asked Regent Hughes to present the Regents' Statement on ROTC. Regent Hughes reviewed the history of the discussions on ROTC. He stated that in the Spring of 1969, the President appointed the Hoebel Committee. There were a great many meetings of that committee and in the winter of 1970 this committee report was referred to the Senate Committee on Educational Policy for review. In June of 1970, the University Senate adopted the report of the Senate Committee on Educational Policy and the Senate recommendations were referred to the Board for action. In August a meeting of the Educational Policies Committee of the Board of Regents held an open hearing on ROTC attended by Dr. George Benson from the Department of Defense as well as a number of other interested persons speaking on both sides of the question. In October a special meeting of the Educational Policies Committee was held to draft the policy statement now before the Regents for their consideration. Regent Hughes said that this was a difficult problem and probably no policy adopted would be wholly satisfactory to the many views which are held on this subject.

The statement accepts basically the goals of the University Senate report which essentially strengthened the ROTC program by more closely integrating it into the educational fabric of the University. The statement reaffirms that the ROTC program is a proper and legitimate educational activity on the campus of this University. The specific goal of this statement is the enhancement of the regular faculty input into the curriculum development of the ROTC. Regent Hughes said that this was a very significant aspect of the ROTC problem. He said it created a structure for joint civilian-military faculty policy-making for the ROTC program. It reaffirmed the statement which the Regents have made many times that the faculty has and should have control over accreditation of courses which are offered in the institution. He stated further that it creates a mechanism for faculty control of accrediting ROTC courses and for the granting of degree credits and that it creates a civilian-military faculty to manage the ROTC curriculum and develop the program of shared instruction in the ROTC.

Regent Hughes stated that if one judgment pervades the Board's thinking and the deliberations of the Board on this problem, it has been that in the climate of the world in which we live military services are an essential aspect of national policy. He further stated that it was the consensus of the Board that civilian input into the development of that particular officers' corps is helpful in the sense of a modifying influence as well as a correcting influence to the welfare of the nation.

At this point, Regent Hughes moved the adoption of the following Statement on the Policy on ROTC, and Mrs. Howard seconded the motion:

UNIVERSITY OF MINNESOTA
REGENTS' ROTC STATEMENT

The Regents of the University of Minnesota wish to note and acknowledge the sincere and dedicated concern of the faculty and student body of the University expressed during its deliberations and reflected in its recommendations to the Board on the matter of University-ROTC relationships. The Board is fully cognizant of the complex issues reflected in that relationship and has considered carefully the questions raised by the University Senate's recommendations of last June 4th. The Board welcomes the Senate's recommended stated goal seeking to strengthen ROTC's academic relationships to the faculty and students of the University. Accordingly, the Board accepts, with some modification, the principles upon which the Senate proposal is based:

- a. We recognize that there is such a diversity of conflicting views of the

role of ROTC in the University community that no resolution of these conflicting views can be entirely satisfactory to all;

- b. We recognize that a university has obligations to the society of which it is a part, and that these obligations can be unilaterally directed neither by society nor by a university;
- c. We recognize the right of a student freely to elect an academically sound educational program leading to a bachelor's degree while at the same time participating in a military educational program leading to an officer's commission;
- d. We reaffirm this Board's long held position that the faculty are qualified to establish operative criteria for academic programs of the University and therefore have been delegated that responsibility;
- e. We reaffirm that courses, programs, and activities that do not carry credit toward a degree, and are strictly military training are properly under the jurisdiction, control, and implementation of the military services. ROTC activities should be scheduled in such a way as not to interfere with the educational programs of participating students.
- f. We affirm the proposition that the University is obligated to support courses carrying credit for a University degree and all student personnel services formally accepted as a part of University programs;
- g. We recognize that the University must honor all contractual arrangements in effect as of the date of implementation of the policy with respect to the several ROTC programs.

Further, the Board of Regents adopts the following statements of policy which it believes are consistent with the objectives of the Senate report and the report of the Special Committee on ROTC (Benson Committee) submitted to the Secretary of Defense on September 22, 1969:

Administration of ROTC

- I. The Board approves changing the ROTC from departmental to program status since this more accurately reflects its multi-disciplinary character.
- II. The Board acknowledges the desirability of the appointment of an all-University faculty-student committee on University-ROTC relationships appointed in the usual manner and charged with the following responsibilities:
 1. To serve as an advisory committee to the Vice President, Academic Administration, with respect to intra-university policies and relations between the University of Minnesota and the Department of Defense and the several services with respect to the ROTC program;
 2. To formulate and report to the Senate, through the Senate Committee on Educational Policy, recommendations concerning policy changes regarding University-ROTC relationships;
 3. To advise on the establishment of the faculty identified in III below.
 4. The Committee should take cognizance of the varied circumstances on the several University campuses.

- III. Recognizing the need to strengthen the ROTC programs and to increase their integration into the normal context of University programs, the Board of Regents proposes the establishment of a faculty for the ROTC comprised of officers accredited to the Minnesota ROTC and faculty members drawn from regular academic units of the University which provide courses integral to the Curricula which satisfy the requirements for the ROTC programs. Such a faculty could provide a program of shared instruction of regular academic courses central to the education of students enrolled in the ROTC. It is the Board's feeling that such a program of shared instruction with an identified civilian and military ROTC faculty could be adapted to the needs of each campus of the University with ROTC programs. This faculty's operating functions would be:
1. To elect a chairman and co-chairman for a defined term from both the civilian and military faculty of the ROTC faculty;
 2. To offer and coordinate courses in regular academic teaching units approved by established collegiate procedures which may be required as part of an officer education program. Such courses would be available to all University students;
 3. To propose new courses which may be required for a program of officer education. Such courses would be offered as regular courses upon approval through established collegiate procedures;
 4. To encourage the expanded use of regular University courses to satisfy specific ROTC curriculum requirements;
 5. To facilitate the utilization of qualified personnel (both civilian and military) for the teaching of regular University courses, subject to the established standards and procedures of the teaching unit and college offering the course;
 6. To prepare and advise on the dissemination of documents and otherwise offer advice to the University of Minnesota students regarding officer education programs; and
 7. To exercise the normal responsibility for accrediting faculty.
- IV. The Board approves of designating military personnel assigned to ROTC by their military titles, reserving academic titles for faculty (military or civilian) so entitled by established departmental and collegiate procedures. This change in no way implies loss of any prerequisite or prerogative associated with being a member of the faculty of the University of Minnesota.
- V. Collegiate units will continue to establish accreditation for those ROTC courses which will meet baccalaureate requirements.
- VI. The Board endorses the concept that the Department of Defense should assume all institutional costs of the ROTC program as recommended by the Benson Committee.
- VII. ROTC educational activities will be entitled to the same use of University facilities as are all other University educational programs.
- VIII. The Board instructs the Vice President, Academic Administration, to establish procedures to preserve the principles of due process of law in the exercise of the power to call a student to active duty upon becoming disenrolled from ROTC for any reason during his tenure as a student at the University of Minnesota.

President Moos reported that Mr. Frank Verrall, a sophomore in the College of Liberal Arts, requested permission to present a five-minute statement to the Board on behalf of the anti-ROTC coalition. Mr. Verrall's request was granted; however, he did not present himself at the meeting.

The Board unanimously approved the Statement on ROTC.

Regent Hartl delivered a report of the Investment Committee. He reported that the investments transactions for the preceding month had been distributed to the Investment Committee and approved. In addition, the Investment Committee recommended that secured repurchase agreements and reverse repurchase agreements be approved as an investment medium. The Board voted to approve the report.

PAUL F. DWAN GIFT

On the recommendation of the Director of Development, the Vice President for Finance, Planning and Operations, and the President, the Board voted to approve the transfer of 1980 shares of Minnesota Mining and Manufacturing stock which was received as a gift from Dr. Paul F. Dwan to the University of Minnesota Foundation and authorized the appropriate administrative officers to execute all documents necessary to complete this transfer.

NOBEL AND LASKER AWARD WINNERS

President Moos made a brief statement on the recent achievements of Dr. Norman Borlaug, who was awarded the Nobel Peace Prize, and Dr. Robert Good, who received the Albert Lasker Award for Clinical Medical Research.

Voted to adjourn at 10:30 a.m.

DONALD K. SMITH, Acting Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS
INVESTMENT COMMITTEE

MINUTES

November 13, 1970

A meeting of the Investment Committee was held in the Campus Club, Coffman Memorial Union, on Friday at 12:00 noon.

Committee members present: Regent Hartl, presiding; Regents Huffington and Yngve.

Other Regents present: Regents Hughes and Malkerson.

At the meeting of February 13, 1970, the Board of Regents adopted a schedule of policies and limitations for the Temporary Investment of University funds.

Voted on the recommendation of the Vice President for Finance, Planning and Operations and the President to amend the above action by adding the following to the investment media previously approved.

The purchase and/or sale of repurchase agreements of no more than 15 days duration, such agreements to be fully secured by U.S. Treasury Securities, federal agency securities, or by commercial paper which is in itself qualified for inclusion in the Temporary Investment Portfolio according to the standards approved and prevailing.

Corporate privately placed fixed-income securities maturing in five years or less from date of purchase, which are rated A or better by Moody's or Standard & Poor's investment services, or whose public issues of equal or lower standing are rated A or better, in amounts not to exceed \$1,000,000 per issue.

Commercial paper rated A-1 or A-2 in Standard & Poor's commercial paper rating service, in addition to the present limitation of companies whose long-term bonds are rated A or better by Moody's or Standard & Poor's bond services.

The Vice President for Finance, Planning and Operations discussed the 1970-71 estimates of income for the Permanent University Fund and advised the Committee that he was recommending no change in the concept of using income from interest and dividends as a partial offset against the legislative appropriation for the current year.

The Vice President for Finance, Planning and Operations advised the Committee of the plans to establish an Investment Advisory Council the members of which would be professional individuals from the field of investments or investment management to evaluate periodically the investment policies of the University for both the Temporary Investment Pool and the University Endowment Funds.

The Vice President for Finance, Planning and Operations advised the Committee of the plans to secure the services of A. G. Becker and Company, Chicago, to evaluate the performance of the various segments of the investment portfolio on a continuing basis.

The Vice President for Finance, Planning and Operations reported for the information of the Committee that Midwest Federal Savings and Loan Association had expanded its capacity to make loans under the Guaranteed Student Loan Program. This action had enabled the University to reduce its direct participation in the Program for at least the Fall Quarter, 1970.

The Vice President for Finance, Planning and Operations presented a letter dated November 5, 1970, from Dorsey, Marquart, Windhorst, West and Halladay, Attorneys, giving an opinion on the question of the rescission of fees from the broker-dealers and the investment managers on the purchases of securities which were not registered in the State of Minnesota.

Voted to accept the opinion of counsel and take no further action in the seeking recovery of any fees paid to the broker-dealers and investment managers for the purchase securities which were not registered in the State of Minnesota or for any fees paid to the investments managers for advisory services given at the time they were not registered to transact business in the State.

Documentation filed supplement to the minutes, page 20,812.

Chairman Hartl called attention to the fact that the monthly report of transactions had been mailed to the members of the Committee in accordance with usual procedures.

The Vice President for Finance, Planning and Operations reviewed the reports of the managers of the endowment investment portfolio and reports of the administrative staff on the Temporary Investment Pool.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary