

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS
INVESTMENT COMMITTEE

MINUTES

March 11, 1971

A meeting of the Investment Committee was held on Thursday at 4:30 p.m. in the Minnesota Club, 317 Washington, St. Paul.

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

Other Regents present: Regents Cina, Malkerson, Rauenhorst, and Sherburne.

The Vice President for Finance, Planning and Operations reported on the status of the Temporary Investment Pool. He said that an analysis by members of the staff is in process relating to the composition of the "base" pool.

The Vice President for Finance, Planning and Operations reported on the status of the Becker analysis program. He stated that by the April meeting of the Committee the comparisons for 1970 should be available and that Becker representatives would be asked to attend a future meeting to present the analysis. The Committee voted to instruct the administrative officers to adopt procedures in analysis and reporting so that the "investment year" would coincide with the present fiscal year.

The matter of the selection of a manager or managers to replace Brokaw, Schaenen, Clancy and Company was discussed. Agreement was reached on the following points:

- a. That invitations to bid would be sent to all eligible Minnesota firms in addition to the present managers.
- b. That Brokaw, Schaenen, Clancy and Company could not be considered to manage any part of the portfolio.
- c. That Mr. Champion and his staff should carry out the necessary screening and present the best prospects, based on the screening, to the Committee for interview at a meeting to be held on Wednesday, April 13, 1971, at 4:00 p.m.

- d. That in the screening of bidders performance must be used as the criterion for evaluating them.
- e. That, as a general guideline, only three bidders would be presented, if those three included at least one Minnesota firm. If a Minnesota firm was not included in the first three, then the list to be presented should be expanded to four with the best local manager being given an opportunity to appear.
- f. If it appears from the initial screening that the portfolio to be transferred should be divided, the interviews should include three firms which specialize in large accounts and two firms which specialize in small accounts.

There was a general discussion on various aspects of the questions raised in the Legislature about the "total return concept." Voted to adjourn.

DONALD K. SMITH, Acting Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS
PHYSICAL PLANT COMMITTEE

MINUTES

March 12, 1971

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

Committee members present: Regent Huffington, presiding; Regents Andersen, Brink, Cina, and Rauenhorst.

Other Regents present: Regent Malkerson.

The Vice President for Finance, Planning and Operations reported that the following low bid had been accepted and the contract awarded for the installation of central air conditioning in the Student Center, St. Paul Campus:

Contract Costs

Axel Newman Plumbing & Heating Company 1608 Como Avenue West St. Paul, Minnesota	
Bid	-\$129,400

Non-Contract Costs

Architect's fee	\$ 10,999	
Supervision of construction	1,617	
Concrete and material testing	250	
Outside work—sidewalks and paving, electrical service, etc.	1,181	
Miscellaneous engineering, and plant and shop drawings checking	750	
Contingencies (3%)	3,882	
Total Non-Contract Costs	18,679	
Total Project Cost		\$148,079

Source of Funds:

University of Minnesota Union Reserve Funds.

The Vice President for Finance, Planning and Operations reported that the following low bid had been accepted and the

contract awarded for electric service to Bierman Field, Minneapolis Campus, and Phase I of lighting the Field:

Contract Costs

Skeldon-Green Electric, Inc.
718 East Hennepin Avenue
Minneapolis, Minnesota

Bid \$232,900

Non-Contract Costs

Engineers' fees (includes \$3,600 preliminary studies) \$ 19,903
Supervision of construction 2,911
Site survey, test holes, etc. 700
Concrete and material testing 500
Site work (removal of old electrical facilities, re-sodding, etc.) 6,650
Miscellaneous engineering, checking of plant and shop drawings, etc. 500
Contingencies (3%) 6,987

Total Non-Contract Costs 38,151

Total Project Cost \$271,051

Source of Funds:

Consolidated Athletic Fund

The Vice President for Finance, Planning and Operations reported that the following low bids had been accepted and contracts awarded for the construction of the Horticulture Teaching Facility at the University of Minnesota Technical College, Waseca:

Contract Costs

General Construction Work

John Sahf Construction Inc.
420 North Cedar Street
Owatonna, Minnesota

Bid \$142,379

Mechanical Work

Flom Plumbing and Heating
614 Rice Lake Street
Owatonna, Minnesota 55060

Bid 60,023

Electrical Work

Kriesel Electric, Inc.
511 North Cedar Street
Owatonna, Minnesota

Bid 25,370

Total Contract Costs \$227,772

Non-Contract Costs

Architect's fee 15,944
Supervision of construction 2,847

Site Survey, Test Holes, etc.	750	
Concrete and materials testing	500	
Outside work: sidewalks and paving, electrical service, etc.	8,568	
Custodial equipment and office, and special furnishings and equipment ...	30,000	
Misc. engineering and plant and shop drawing checking	750	
Fire extinguishers, towel cabinets, keying, etc.	750	
Contingencies	6,966	
Total Non-Contract Costs	67,075	
Total Project Cost		\$294,847
Source of Funds for the project:		
1969 Legislative appropriation	\$210,000	
Grant from state deficiency fund approved March 2, 1971	84,847	
Total		\$294,847

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

Helen T. Anderson property located at 120-21st Avenue South, Minneapolis, which contains approximately 4,840 square feet, for the purchase price of \$12,535, with funds to be provided from the 1969 legislative appropriation for the purchase of land on the West Bank.

Voted, on recommendation of the Vice President for Finance, Planning and Operations and the President, to approve the purchase of the Phi Epsilon Pi Fraternity property located at 1901 University Avenue S.E., Minneapolis, which contains approximately 5,635 square feet, for the purchase price of \$82,000.00, with funds to be provided from the annual budget for land acquisition.

Voted, on recommendation of the Vice President for Finance, Planning and Operations and the President, to approve the granting of an option to the Dakota County Area Vocational Technical School District No. 917 for the purchase of approximately one hundred (100) acres of land on the north central boundary of the University's property at Rosemount, Minnesota, for the price of \$1,500 per acre, subject to the right of first refusal of the Regents of the University of Minnesota to re-purchase such land or any portion thereof at the sale price plus market value of the improvements in the event the optionee desires to sell the same.

Voted, on recommendation of the Vice President for Finance, Planning and Operations and the President, to authorize the appropriate administrative officers to approve the vacation of a portion of the Township Road at the West Central School and

Experiment Station, Morris, and the dedication of a new Township Road.

The University Attorney reported on the bequest under the Will of the late Clara Lefkavits.

Voted, on recommendation of the Vice President for Finance, Planning and Operations and the President, to authorize the Vice President for Finance, Planning and Operations to negotiate and convey the University's undivided one-third interest in the properties located at 1517-1521 LaSalle Avenue, Minneapolis, 1826 Chicago Avenue, Minneapolis, and 194 West Summit, St. Paul, at a price not less than the estate valuation, with the understanding that the results of any negotiation will be reported to the Board for its information.

Voted on the recommendation of the Vice President for Finance, Planning and Operations and the President, to recommend for adoption by the full Board the following statement on student housing:

The Board of Regents has reviewed its housing needs in light of the Legislative Building Commission's recommendation that no State funds be appropriated for student housing in the 1971-73 biennium.

The Board of Regents has reached the following conclusions:

- (1) That the University can accommodate the most urgent needs for student housing in the 1971-73 biennium without additional State funds but that possible drastic changes in enrollment patterns, student housing choices and the ability of the communities involved to meet needs, make a review of policy in the 1973 session desirable.
- (2) That it be understood that the University may proceed on experimental projects requiring no State appropriations, observing a set of guidelines designed to meet legislative concerns.

These guidelines should include:

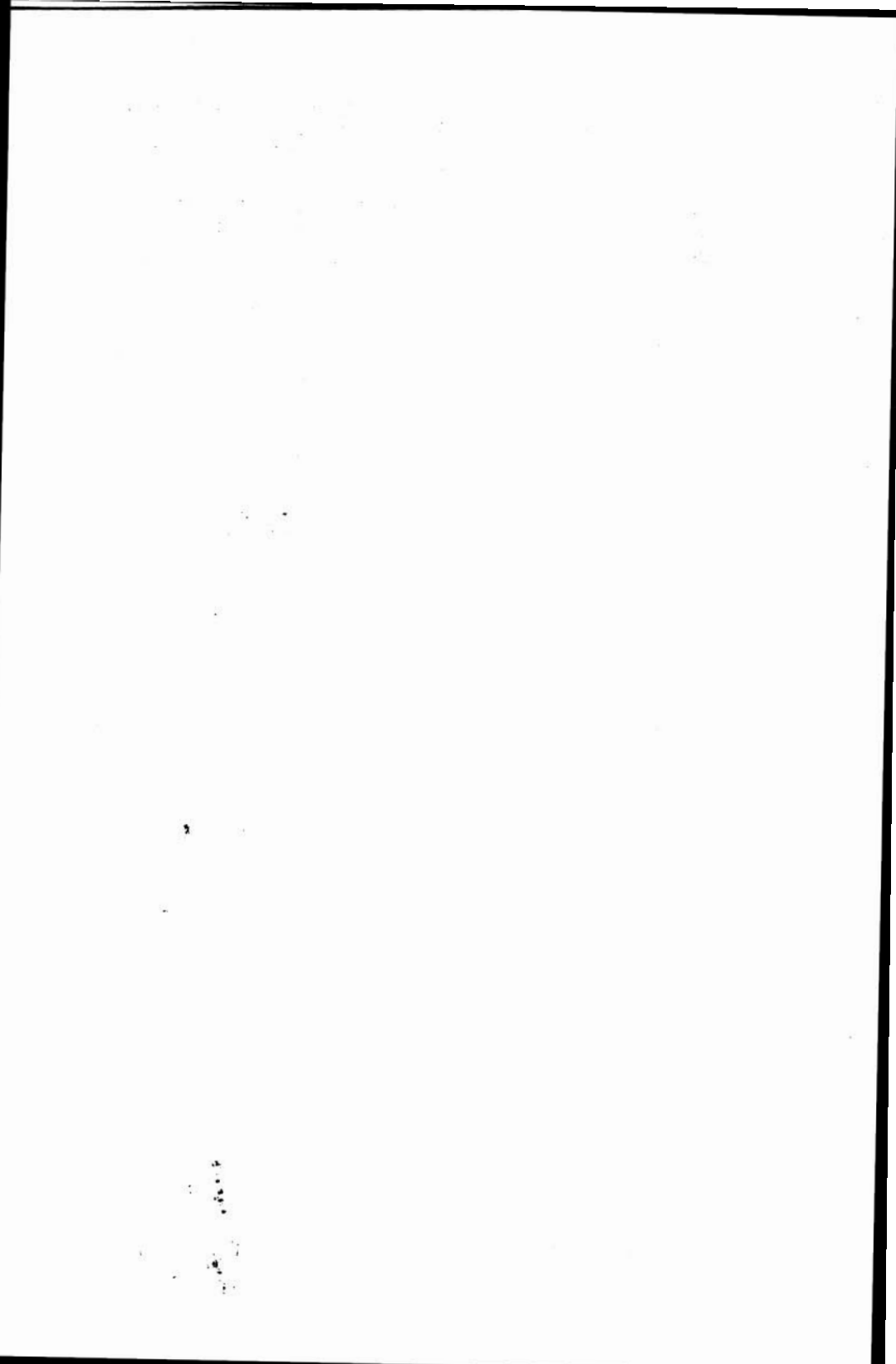
- (1) No project should be undertaken by the University itself unless it can be shown that the need cannot be met in the private market or cannot be created by the private market within a reasonable period of time. Consideration of need by the Regents should involve rent levels as compared to student income and the nature and location of accommodations.
- (2) Any project located off-campus or otherwise creating direct service needs in the community should have the consent of the appropriate governing jurisdiction and should pay an in-lieu tax on the 50% basis authorized by the 1969 Legislature for low and middle-income housing built with Federal subsidies.
- (3) After the completion of construction and occupancy, it is the University's intention to contract out the project's management to either a cooperative tenant organization or a private

operation, or to sell the project. In any case, the University's sale or contract would be subject to rental level and occupancy conditions so that the original purposes of the project would continue to be realized.

The Physical Plant Report, together with supporting documentation, is filed supplement to the minutes, page 20,825.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary



UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

MINUTES

March 12, 1971

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

Regents present: Regent Malkerson, presiding; Regents Andersen, Brink, Cina, Hartl, Huffington, Rauenhorst, and President Moos.

Staff present: Vice Presidents Cashman, Champion, French, Lunden, Shepherd, Smith, and Wenberg; Messrs. Boddy, Cheston, Darland, Eidenberg, Frederick, Garrison, Haislet, Heston, Imholte, Lukermann, Malmquist, McInnes, Odegard, Preston, Reeves, Tall, Tierney, Yorkton, and Zander; and Miss McAvoy.

APPROVAL OF MINUTES

Voted to approve the minutes of the following meetings:

Drafts of Minutes:

- Educational Policies Committee Meeting—February 11, 1971
- Faculty, Staff and Student Affairs Meeting—February 11, 1971
- Physical Plant Committee Meeting—February 12, 1971
- Board of Regents Meeting—February 12, 1971
- Investment Committee Meeting—February 12, 1971

AMENDMENT OF MINUTES

January 9, 1970, single quarter leave of absence with salary for Clyde A Parker Professor and Chairman Department of Counseling and Student Personnel Psychology, Division of Education and Psychology for the spring quarter of 1970-71 to be cancelled (will be on sabbatical furlough)

January 9, 1970, single quarter leave of absence with salary for David W Davis Professor Horticultural Science for the winter quarter of 1970-71 to be cancelled (insufficient travel funds or time to prepare for the project)

January 8, 1971, single quarter leave of absence with salary for Sheila J McNally Associate Professor Art History for the fall quarter of 1971-72 to read winter quarter of 1971-72 (change in plans)

PERSONNEL CHANGES

Voted to approve the following personnel changes:

Appointments

Arnold A Cohen as Director Institute-Industry Programs Administration Institute of Technology February 1 to June 30, 1971 at the rate of \$25,000 Term A; on 20% time leave without salary February 1 to June 30, 1971 to provide services to several governmental agencies

M Glen Wilson as Adjunct Professor Speech Communication and Theatre Arts without salary March 16 to June 15, 1971; on the staff at Macalester College

Karl F Fischer as Visiting Professor Geology and Geophysics March 16 to June 15, 1971 at \$3,010 Term CT (\$9,030 B rate)

Xenia Machne as Professor Pharmacology beginning March 16, 1971 at the rate of \$24,000 Term A

James M Schless as Director Postgraduate Medical Education and Associate Professor Medicine March 1 to June 30, 1971 at the rate of \$25,000 plus commutation allowance in lieu of professional fees Term A

Robert M Watson as Assistant Professor University Health Service Morris August 16, 1971 to June 30, 1973 at the rate of \$23,000 Term A

William Biessener as Senior Scientist Medicine Research Funds January 1 to June 30, 1971 at the rate of \$13,872 Term AT

Special Appointments

I M Kolthoff Professor Emeritus School of Chemistry to serve as Professor School of Chemistry Research Funds March 1 to April 30, 1971 at \$2,056 per month (77 years of age)

Dorothy E Barber continuation of appointment as Instructor Division of Humanities Morris for the winter quarter of 1970-71 at \$500 Term CHT18 (\$8,190 B rate); husband Laird Barber Associate Professor Division of Humanities Morris Term B

Margaret M Byrne student as Undergraduate Teaching Assistant Sociology February 8 to March 31, 1971 at \$2.31 per hour (brother Thomas Byrne student Undergraduate Teaching Assistant Sociology hourly rate)

Alex McEwen student as Laboratory Attendant Division of Science and Mathematics Duluth beginning January 4, 1971 at \$1.90 per hour (father William McEwen Professor and Chairman Division of Science and Mathematics Duluth Term A)

Abdel-moniem Arafa as Hospital Janitor University of Minnesota Hospitals January 13 to June 30, 1971 at the rate of \$5,400 Term AT (wife Fatma Arafa Hospital Custodial Worker University of Minnesota Hospitals Term AT)

Gloria J Treangen student as Clerk-Typist Agricultural Extension Service beginning January 20, 1971 at \$1.97 per hour (sister Diane Treangen Extension Home Economist and Instructor Freeborn County Agricultural Extension Service Term AH)

Julie M Wasson student as Resident Hall Counselor Pioneer Hall January 5 to June 15, 1971 at \$110 per quarter plus room and board (sister Katherine Wasson student Resident Hall Adviser Pioneer Hall \$110 per quarter plus room and board)

Ronald O Erickson student as Custodial Worker Centennial Hall January 1-22, 1971 at \$1.90 per hour (brother Steve Erickson student Food Service Worker Centennial Hall hourly rate)

Rodney M West student as Undergraduate Research Assistant Institute of Child Development February 15 to June 15, 1971 at \$2.31 per hour (wife Winifred West Junior Scientist Trainee Institute of Child Development hourly rate)

Promotions and Transfers

Lyle A French from Acting Vice President for the Health Sciences and Professor Neurosurgery at \$35,500 Term A to Vice President for the Health Sciences and Professor Neurosurgery at the rate of \$40,000 Term A beginning March 15, 1971

James H Reeves from Assistant Vice President Student Affairs and Assistant Professor Office of the Vice President Student Affairs at \$25,000 Term AP to Assistant Vice President Student Affairs and Assistant Professor Educational Administration without change in salary rate or term beginning January 1, 1971

Wallace A Russell Professor Psychology at \$18,400 Term B to continue to serve as Professor and Acting Associate Dean Administration College of Liberal Arts at the rate of \$22,900 Term B March 16 to June 15, 1971

Rutherford Aris Professor and Associate Head Chemical Engineering and Materials Science at \$25,900 Term B to serve as Professor Chemical Engineering and Materials Science and Acting Associate Dean Graduate School without change in salary for the spring quarter of 1970-71

Edwin L Schmidt Professor Microbiology and Soil Science at \$22,235 Term A to serve as Professor International Programs AID Moroccan Project without change in salary rate or term paid through the University of Minnesota September 1 to October 31, 1970

Vincent R Hunt from Instructor Family Practice and Community Health—Research Funds at \$15,000 plus commutation allowance in lieu of professional fees Term AT to Assistant Professor Family Practice and Community Health—St. Paul Ramsey Hospital at the rate of \$28,000 Term AT March 1 to June 30, 1971

John R Edson from Assistant Professor and Director Coagulation Laboratory Medicine at \$18,200 Term AT to Associate Professor and Director Coagulation without change in salary rate or term January 1 to June 30, 1971

Pierre G Meyer from Instructor and Director of Student Financial Aid Office Office for Student Affairs at \$15,750 Term A to Instructor and Coordinator of Student Financial Aids at the rate of \$17,000 Term A January 1 to June 30, 1971

Salary Adjustments

Lawrence Markus Professor School of Mathematics at \$29,400 Term B on sabbatical furlough to receive \$4,900 from Center for Comparative Study funds for the spring quarter of 1970-71 to be paid through the University

Claude R Hitchcock Professor Surgery and Hennepin County General Hospital Funds from \$42,576 (\$31,116 Term A \$11,460 Term AT) to the rate of \$47,148 (\$33,148 Term A \$14,000 Term AT) beginning January 1, 1971

Richard B Raile Professor Pediatrics and Hennepin County General Hospital Funds from \$21,000 plus commutation allowance in lieu of pro-

fessional fees Term A to the rate of \$23,000 plus commutation allowance in lieu of professional fees Term A beginning January 1, 1971

Rodney N Powell Professor Pediatrics School of Public Health and Hennepin County General Hospital Funds at \$19,000 plus commutation allowance in lieu of professional fees Term A to the rate of \$21,000 plus commutation allowance in lieu of professional fees Term A beginning January 1, 1971

Carl P Malmquist Professor Psychiatry and Director Division of Child Psychiatry from \$30,000 plus commutation allowance in lieu of professional fees Term A to the rate of \$40,000 Term A beginning July 1, 1970

Robert W tenBensel Associate Professor Pediatrics School of Public Health and Hennepin County General Hospital Funds from \$20,000 plus commutation allowance in lieu of professional fees Term AT to the rate of \$21,000 plus commutation allowance in lieu of professional fees Term AT January 1 to June 30, 1971

Leonard L Heston Associate Professor Psychiatry Research Funds from \$25,000 plus commutation allowance in lieu of professional fees Term A to the rate of \$37,000 Term A beginning August 1, 1970

Neil J Yorkston Associate Professor Psychiatry and Medicine from \$25,000 plus commutation allowance in lieu of professional fees Term A to the rate of \$37,500 Term A beginning July 1, 1970

Shih Hao Tsai Associate Professor Radiology and Hennepin County General Hospital from \$42,576 (\$20,000 Term AT \$22,576 Term AT) to the rate of \$47,148 (\$20,000 Term AT \$27,148 Term AT) January 1 to June 30, 1971

Eldon B Berglund Associate Professor Pediatrics Family Practice and Community Health and Hennepin County General Hospital Funds from \$19,000 plus commutation allowance in lieu of professional fees Term AT to the rate of \$21,000 plus commutation allowance in lieu of professional fees Term AT January 1 to June 30, 1971

Frank Quattlebaum Associate Professor Surgery St Paul Ramsey Hospital from with salary paid directly by St. Paul-Ramsey Hospital to the rate of \$25,000 (\$22,500 Term AT \$2,500 Term AT) January 1 to June 30, 1971

Milton G Ettinger Associate Professor Neurology Hennepin County General Hospital Funds from \$42,576 (\$22,500 Term AT \$20,076 Term AT) to the rate of \$47,148 (\$22,500 Term AT \$24,648 Term AT) January 1 to June 30, 1971

Leaves of Absence

John A Buttrick Professor Economics continuation of leave without salary for 1971-72 to serve as Visiting Professor at York University Toronto, Canada

E Scott Maynes Professor Economics sabbatical furlough for 1971-72 to complete a book on Consumer Economics with time to be spent at the University of California in San Diego

Charles H Foster Professor English leave without salary for 1971-72 to write a book on classic American writers

Bertram L Ellenbogen Professor Sociology leave without salary January 1 to June 30, 1971 to accept a position directing research in a multi-disciplinary agricultural developmental project to be undertaken in the coffee-producing areas of the states of Sao Paulo and Minas Geraes, Brazil

Anwar G Chejne Professor and Chairman Middle Eastern Languages sabbatical furlough for 1971-72 to study manuscripts of Aljamiado literature with time to be spent in Spain

Eugene P Pfeider Professor Civil and Mineral Engineering sabbatical furlough for 1971-72 to study the relationships between the Federal support and understanding of Mineral Engineering education and the universities presenting such educational programs and to study the future needs and direction of Mineral Industry education and research with time to be spent in Washington D C and principal universities presenting Mineral Engineering programs such as Stanford, Arizona, Colorado and Penn State

Richard Behrens Professor Agronomy and Plant Genetics sabbatical furlough for 1971-72 to conduct research on the effect of climatic factors on the absorption translocation metabolism of herbicides in plants and to gain knowledge and experience in the use of advanced design controlled climate facilities with time to be spent at the Climate Laboratory, Plant Physiology Division of the New Zealand Department of Scientific and Industrial Research Palmerston North, New Zealand

John J Flagler Professor Industrial Relations Center sabbatical furlough September 16, 1971 to September 15, 1972 to make further on-site investigations of foreign labor movements with time to be spent in Ireland, France, Israel and Zambia

John K Munholland Associate Professor and Assistant Chairman History sabbatical furlough for 1971-72 to conduct research in Paris on contemporary French history with time to be spent in Paris, France

Lawrence C Mantini Associate Professor Spanish and Portuguese sabbatical furlough for 1971-72 for study research and travel focusing on morphological topics and for writing and reflection on a more extensive word-formation study of Romance with time to be spent in Spain, Portugal, in the Oltenia and Muntenia regions of Rumania and Minnesota

Warren B Stenberg Associate Professor School of Mathematics sabbatical furlough December 16, 1971 to December 15, 1972 to work on Prototype Computer Oriented Linear Algebra text and a radically new approach to Junior High School Mathematics with time to be spent at Florida State University

William H Knobloch Associate Professor Ophthalmology sabbatical furlough September 1, 1971 to March 31, 1972 to study rhæmatogenous retinal defects in the Bantu people with time to be spent in Tanzania

Arthur R Page Associate Professor Pediatrics sabbatical furlough September 1, 1971 to August 31, 1972 to gain experience in Biochemistry in a leading laboratory concerned with the study of mammalian DNA with time to be spent with Dr P M B Walker, Professor of Zoology, University of Edinburgh, Scotland

CONTRACTS AND GRANTS

Voted to approve the following contracts and grants:

Agency for International Development

AID/afr-469, Amendment No. 6, "Program of Technical Assistance Services to the Government of Tunisia and to the University of Tunis," awarding funds in the amount of \$403,800.00 for the period April 1, 1967 through March 31, 1975 under the direction of Dr. John Blackmore, Director, International Agricultural Programs.

National Aeronautics and Space Administration

NAS 5-11310, Modification No. 2, "HELIOS—A. C. Electric Fields in Interplanetary Space," awarding funds in the amount of \$317,645.00 for the period June 29, 1970 through July 30, 1971 under the direction of Professor Paul J. Kellogg, Department of Physics.

NGL 24-005-225, "Rare Gas Studies on Lunar Materials," awarding funds in the amount of \$120,000.00 for the period February 1, 1971 through January 31, 1974 under the direction of Professor R. O. Pepin, Department of Physics and Astronomy.

NSR 24-005-062, Amendment No. 5, "Design of an Automated Stellar Proper Motion Measuring System," awarding funds in the amount of \$174,069.00 for the period July 1, 1965 through April 21, 1970 under the direction of Professor Willem Luyten, Department of Astronomy.

United States Department of Transportation

URT-36, "Urban Mass Transportation Administration Research and Training Grant," awarding funds in the amount of \$148,000.00 for the period July 1, 1970 through June 30, 1972 under the direction of Professor Daniel L. Gerlough, Center for Urban & Regional Affairs.

Leukemia Society of America, Inc.

"Scholar Grant for Research on Humoral and Cellular Factors in Tumor Immunity," awarding funds in the amount of \$100,000.00 for the period July 1, 1971 through June 30, 1972 under the direction of Dr. Richard Gatti, Department of Pediatrics.

APPLICATIONS FOR CONTRACTS AND GRANTS

Voted to approve the following applications for contracts and grants:

U.S. Public Health Service	\$273,114.00
Dr. Henry Buchwald, Department of Surgery	
"Lipid Research Clinic" July 1, 1971 through June 30, 1972	
National Science Foundation	245,110.00
Professor M. E. Dempsey, Department of Biochemistry	
"Bioenergetic Mechanisms," August 1, 1971 through July 31, 1976.	
National Multiple Sclerosis Society	213,969.00
Dr. Gerald W. Timm, Department of Neurology	
"Micturition Reflex Restoration," July 1, 1971 through June 30, 1974	
U.S. Army	207,915.00
Professor A. Van der Ziel, Department of Electrical Engineering	
"A Study of Amorphous Semiconducting Material and Devices," June 15, 1971 through June 15, 1974	
National Endowment for the Humanities	185,000.00
Professor W. Roger Buffalohead, American Indian Studies	
"American Indian Studies Training Program," September 15, 1971 through September 14, 1974	
U.S. Public Health Service	179,140.00
Professor Harold W. Stevenson, Child Development	
HD-05027, Continuation (0741-5224) "Research in Developmental Psychology," June 1, 1971 through May 31, 1972	

U.S. Department of Agriculture, Forest Service	145,954.00
Professors M. A. Brooks H. M. Kulman, Entomology, Fisheries, & Wildlife "Ecological, Microbial Control, Forest Insects," September 1, 1971 through August 31, 1974	
U.S. Public Health Service	144,613.00
Professors James J. Jenkins Russell W. Burris, Department of Psychology HD-00098-07, Continuation, "Center for Research in Human Learning," July 1, 1971 through June 30, 1972	
U.S. Public Health Service	138,448.00
Dr. Franz Halberg, Department of Pathology "Chronobiology of Blood Pressure," July 1, 1971 through June 30, 1972	
U.S. National Air Pollution Control Administration	128,940.00
Professors L. M. Chanin, H. J. Oskam, Department of Electrical Engineering "Studies of Gaseous Plasmas Produced in Gases Containing SO ₂ ," July 1, 1971 through June 30, 1973	
National Science Foundation	128,300.00
Professor John S. Dahler, Department of Chemical Engineering & Ma- terials Science "Transport Properties of Polyatomic & Chemically Reactive Fluids," June 15, 1971 through June 15, 1973	
State of Minnesota, Governor's Crime Commission	123,041.00
Professor Glen Bartoo, General Extension Division "Project Newgate—Community Phase," July 1, 1971 through June 30, 1972	
National Science Foundation	122,348.00
Professor James M. Henderson, Department of Economics "A Model of International Production and Trade," July 1, 1971 through September 15, 1973	
U.S. Public Health Service	106,971.00
Dr. Richard Moore, Department of Laboratory Medicine "Patterns of Membrane Permeability in Blood Diseases," September 1, 1971 through August 31, 1972	
Northrup King and Company	106,250.00
Professor David Parmelee, Department of Biology "Training of Undergraduate & Graduate Students in Environmental Studies at the University of Minnesota Forestry & Biological Station at Lake Itasca, Minnesota," June 1, 1971 through August 31, 1975	
Hoerner Waldorf Company	106,250.00
Professor David Parmelee, Department of Biology "Training of Undergraduate & Graduate Students in Environmental Studies at the U. of M. Forestry & Biological Station at Lake Itasca, Minnesota," June 1, 1971 through August 31, 1975	

GIFTS

Voted to accept with thanks the following gifts:

Research

Donor	Estate of Blanche V. Agrell
Amount	\$48,000.00
Fund	Cancer Research

Donor Dr. R. J. Garber
 Amount \$5,000.00
 Fund Ralph and Mildred Garber Research Awards
 Purpose To establish an endowment fund with the income to be used for research awards for graduate students in the College of Agriculture and in the sciences basic to agriculture, such as chemistry, botany, zoology, etc.

Scholarships, Fellowships, Prizes and Awards

Donor University of Minnesota Foundation
 Amount \$50,000.00
 Funds University of Minnesota Foundation Corporate Fellowship—Business Administration (\$20,000.00)
 University of Minnesota Foundation Corporate Fellowship—Institute of Technology (\$30,000.00)

Donor Minnesota Higher Education Coordinating Commission
 Amount \$16,200.00
 Fund Duluth Campus Scholarship Fund

Donor Minnesota Mining and Manufacturing Company
 Amount \$10,500.00
 Funds 3M Fellowship—Chemistry (\$3,500)
 3M Fellowship—Chemical Engineering (\$3,500)
 3M Fellowship—Mechanical Engineering (\$3,500)

Donor Alfred P. Sloan Foundation
 Amount \$6,750.00
 Fund Alfred P. Sloan Foundation Scholarship

Miscellaneous

Donor Mr. Marshall W. Alworth
 Amount \$30,000.00
 Fund Marshall and Margaret Alworth Endowment Fund

Donor University of Minnesota Foundation
 Amount \$21,500.00
 Funds University of Minnesota Foundation Regents' Professorship (\$20,000)
 School of Architecture General Fund (\$1,500)

Donors Various
 Amount \$20,000.00
 Fund Ophthalmology Service Fund

Donor Estate of Alice M. McNeely
 Amount \$10,000.00
 Fund Alice M. McNeely Ophthalmology Fund
 Purpose To establish a fund to be used for such educational research, teaching or service purposes as Dr. John E. Harris, presently head of the Department of Ophthalmology, or his successors in office, may designate.

Donor	University of Minnesota Foundation
Amount	\$10,000.00
Fund	University of Minnesota Foundation Special
Donor	Minneapolis Public Schools
Amount	\$6,890.00
Fund	Minneapolis Public Schools—Program STAIRS
Donor	Miss Claire Gonska
Amount	\$5,090.24
Fund	John and Mary Gonska Cultural Fund
Donor	Union for Experimenting Colleges and Universities
Amount	\$5,000.00
Fund	University Without Walls—Education
Purpose	To establish a fund to support the planning and development of a University Without Walls unit.

347 gifts under \$5,000.00 each totaling \$141,670.14.

Total Gifts \$386,600.38

RESOLUTION

Regent Andersen opened the meeting with the following resolution:

Esther Brink was a gracious, winsome companion, a team player, associate regent, and a woman whose very presence enlivened all of our gatherings.

The Board of Regents expresses its deepest sympathy to Regent Brink.

We know the sorrow that the death of Esther Brink must bring to our colleague.

We wish to extend to Regent Brink whatever measure of comfort our friendship can provide in his time of sorrow.

The resolution was unanimously adopted.

President Moos then made the following statement:

"The death of Whitney Young, Jr., cut short the career of a great statesman in the struggle for human dignity. As Executive Director of the National Urban League, he was an extremely effective leader in working toward better race relations.

"Mr. Young was one of the most distinguished graduates of the University of Minnesota. After earning a Master of Arts degree from our School of Social Work in 1947, he launched his career with the Urban League of St. Paul.

"In 1960, the Board of Regents conferred on Mr. Young the University's Outstanding Achievement Award, citing him as a principal spokesman for racial progress through education and research.

"We at the University, along with the rest of the nation and the world, feel a keen sense of loss in the untimely death of Whitney Young, Jr."

SUMMER SESSION BUDGET

On the recommendation of the Vice President, Academic Administration, and the President, the Board voted unanimously to approve the Proposed Summer Session Budget for 1971, which is filed supplement to the minutes, page 20,826.

INSTITUTE OF TECHNOLOGY

On the recommendation of the Vice President for Coordinate Campuses and Educational Relationships, and the President, the Board voted unanimously to approve the following Statement of the Board of Regents, Institute of Technology, Office of Ore Estimation:

STATEMENT OF THE BOARD OF REGENTS

Institute of Technology
Office of Ore Estimation

The Board of Regents of the University of Minnesota accepts as a special dedication, the role of serving the growth and development of the natural resources of the State of Minnesota through the research and teachings of its faculties, and of cooperating with and providing services to the citizens of Minnesota and their branches of government.

The University of Minnesota, through its School of Mines, has been cooperating with the Department of Taxation of the State of Minnesota to provide disinterested and competent professional engineering expertise to assist in the fair estimation of the mineral resources of the state for purposes of equitable taxation. Since 1909, the University, through its Office of Ore Estimation in the Institute of Technology, has been and is providing such service to the State of Minnesota.

Laws 1937, Chapter 364 (Minn. Stat. 273.14., .15, .16) providing for the development and utilization of low grade iron-bearing formations and defining the same by providing for and determining classifications for taxation, confirms the University's mission in evaluating data and information concerning mineral resources of the state for the Minnesota Commissioner of Taxation.

The Board of Regents recognizes these efforts as a public service from a position of public trust, and also recognizes the character of business judgments that would be exercised in a climate of open divulgence of the data and information made available to it. Concomitantly, responsibility and scholarship requires the services of the Office of Ore Estimation to be available for appropriate examination by those individuals and agencies described below.

Confirming the long held traditions, the Board of Regents hereby adopts the following statement to clarify the principles governing the Office of Ore Estimation of the Institute of Technology:

1. The Office of Ore Estimation will continue to collect, review, and evaluate information relative to the mineral resources of the state. Whenever the Commissioner of Taxation requests collection or review of this information for tax purposes, or when the taxpayers

submit this information, the Office of Ore Estimation shall perform these services and submit its findings to the State Commissioner of Taxation.

2. The data and information submitted shall be confidential and shall only be available on a confidential basis to the following:
 - a. The State Executive Committee
 - b. The cognate county tax assessor
 - c. The State Department of Taxation and such constitutional officers and legislative committees having a direct interest in the data and information.
 - d. The Board of Regents and the President of the University of Minnesota, and such employees of the University designated by the Board of Regents or President.
3. The University will continue to seek legislative support for these services and will request sufficient sums to retain consultants and defray drilling costs, through the employment of contract drilling companies, to determine the mineral resources of the state, to verify the information submitted to it by the taxpayers, and to make estimates with the consent of the taxpayers.

All work connected with the examination, checking, estimating and reporting on ore reserves for the Commissioner of Taxation shall be done by the Office of Ore Estimation and its staff and employees.

NONCAMPUS SERVICE REQUESTS

On the recommendation of the individual staff member and the department head, the Vice President, Academic Administration, and the President, the Board voted unanimously to approve requests for non-campus service received during the month of February, 1971 as follows:

Institute of Agriculture

Frank J. Smith, Jr., Professor & Extension Economist, Marketing, Agricultural and Applied Economics and Agricultural Extension Service—consultant services for U.S. Bank for Cooperatives, St. Paul, Minnesota 55101. From February 1, 1971 to indefinite. Estimated time involved: 5-7 days during this year, 1971, on campus; 3-5 days this year, 1971, off campus.

Edmund A. Zottola, Associate Professor and Extension Food Microbiologist, Food Science and Industries and Agricultural Extension Service—consultant services for American Meat Institute. From March 1, 1971 to July 31, 1971. Estimated time involved: 1 day per month on campus.

Institute of Technology

Victor G. Mossotti, Associate Professor, Chemistry—consultant services for W. R. Grace Company. From early 1967 to present. Estimated time involved: Minimum 5 days per year; maximum 12 days per year off campus.

Victor G. Mossotti, Associate Professor, Chemistry—consultant services for Perkin-Elmer Corp. (Coleman Div.) From April 1970 to present.

Estimated time involved: 2 days per year on campus; 5-10 days per year off campus.

Alfred O. C. Nier, Regents' Professor, School of Physics—consultant services for Health Education and Welfare Department. From July 1, 1970 to June 30, 1971. Estimated time involved: 1 day per year off campus.

Alfred O. C. Nier, Regents' Professor, School of Physics—consultant services for Union Carbide Nuclear Company. From July 1, 1970 to June 30, 1971. Estimated time involved: approximately 3 days per year.

Alfred O. C. Nier, Regents' Professor, School of Physics—consultant services for Central Research Laboratories. From July 1, 1970 to June 30, 1971. Estimated time involved: 1 day per year off campus.

John R. Winckler, Professor, Physics and Astronomy—consultant services for National Aeronautics and Space Administration Space Science and Applications Steering Committee. From October 1, 1970 to indefinite. Estimated time involved: ½ day per month maximum on campus; one day per month maximum off campus.

College of Biological Sciences

Murray D. Rosenberg, Professor, Genetics and Cell Biology—consultant services for State of Minnesota Mental Health Advisory Committee. From January, 1970 to June, 1973. Estimated time involved: ½ day per month off campus.

Murray D. Rosenberg, Professor, Genetics and Cell Biology—consultant services for Planned Parenthood of Minneapolis. From January 1, 1971 to Dec. 31, 1972. Estimated time involved: 1½ days per month off campus.

Health Sciences

Abdul Karim Ahmed, Research Specialist, Laboratory Medicine—consultant services for Minnesota Committee for Environmental Information. From 1969 to 1972. Estimated time involved: 2 days per month on campus.

Marion W. Anders, Associate Professor, Pharmacology—consultant services for Food and Drug Administration, Department of Health, Education and Welfare. From March, 1970 to February 1971. Estimated time involved: two days per month off campus.

Paul L. Berry, Assistant Professor, Psychiatry—consultant services for Mental Health Consultants Ltd. From September 1970 to indefinite. Estimated time involved: 2 days per month off campus.

A. Jack Hafner, Professor, Psychiatry—consultant services for Hazelden. From December 15, 1970 to indefinite. Estimated time involved: ½ day per week.

William Hausman, M.D., Professor and Head, Psychiatry—consultant services for The A. K. Rice Institute, Washington School of Psychiatry. From June 3, 1971 to June 18, 1971; November 11, 1971 to November 17, 1971. Estimated time involved: about 24 days per year off campus.

Russell C. Johnson, Associate Professor, Microbiology—consultant services for Armed Forces Epidemiological Board, Commission on Viral Infect. From July 1, 1970 to June 30, 1972. Estimated time involved: 3 days per year off campus.

- Arthur C. Klassen, Assistant Professor, Neurology—consultant services for Veterans Administration Hospitals. From Dec. 1970 to indefinite. Estimated time involved: 1-5 days per year on campus.
- Michael Koch, M.D., Assistant Professor, Psychiatry; Division of Child Psychiatry—consultant services for Washburn Child Guidance Center. From January, 1971 to indefinite. Estimated time involved: 2 days per month off campus.
- Seymour H. Levitt, M.D., Professor and Head, Therapeutic Radiology—consultant services for Veterans Administration Hospital. From December 1, 1970 to indefinite. Estimated time involved: 3 hours per week off campus.
- Verna Rausch, Professor, Laboratory Medicine, Div. Med. Tech.—consultant services for Medical Laboratory Services Advisory Committee—HEW. From 1970 to 1974. Estimated time involved: 2 days—three times a year off campus.
- David Lee Rouzer, Assistant Professor, Psychiatry—consultant services for Ramsey County Court Services. From January 11, 1971 to indefinite. Estimated time involved: 1 day per month off campus.
- Alan B. Rubens, M.D., Assistant Professor, Neurology—consultant services for VA Hospital. From December 23, 1970 to indefinite. Estimated time involved: 2 half days per week on campus.
- Frederick E. Shideman, Professor and Head, Pharmacology—consultant services for Food and Drug Administration, Department of Health, Education and Welfare. From July 1, 1970 to June 30, 1971. Estimated time involved: 6 days per year off campus.
- Frederick E. Shideman, Professor and Head, Pharmacology—consultant services for Rowell Laboratories, Inc. From July 1, 1970 to June 30, 1971. Estimated time involved: 4 days per year off campus.
- Frederick E. Shideman, Professor and Head, Pharmacology—consultant services for Veterans Administration (Department of Medicine and Surgery). From June 30, 1970 to June 30, 1971. Estimated time involved: 2 days per year off campus.
- Frederick E. Shideman, Professor and Head, Pharmacology—consultant services for United States Department of Justice, Bureau of Narcotics and Dangerous Drugs. From July 1, 1970 to June 30, 1971. Estimated time involved: 6 days per year off campus.
- Joseph Westermeyer, M.D., Instructor, Psychiatry—consultant services for Payne Avenue Medical Association. From October 1, 1970 to indefinite. Estimated time involved: half day per week off campus.
- Joseph Westermeyer, M.D., Instructor, Psychiatry—consultant services for Department of Health, Education and Welfare. From September, 1970 to January, 1971. Estimated time involved: 1 or 2 days per month off campus.

College of Education

- Andrew Ahlgren, Associate Director, Center for Curriculum Studies, Assistant Professor, Secondary Education—consultant services for Harvard Project Physics. From March 1971 to June 1972. Estimated time involved: no more than two (2) days per month off campus.
- Dale L. Lange, Associate Professor, Secondary Education—consultant services for American Council on the Teaching of Foreign Languages. From 1970 to indefinite. Estimated time involved: 1-3 days per month on campus.

Richard F. Weatherman, Associate Professor, Special Education—consultant services for Wisconsin Department of Public Instruction. From September, 1970 to June, 1971. Estimated time involved: 1 day per month off campus.

Richard F. Weatherman, Associate Professor, Special Education—consultant services for Evaluation of Title VI ESEA Projects. From November, 1970 to February, 1971. Estimated time involved: 1 day per month off campus.

College of Liberal Arts

George W. Bohmstedt, Chairman & Associate Professor, Sociology—consultant services for National Institute of Mental Health—Small Grants Review Committee. From July 1, 1971 to June 30, 1975. Estimated time involved: 15 days per year (3 days 5 times per year) off campus.

Norman Garnezy, Professor, Psychology—consultant services for University of Rochester (Department of Psychiatry). From September, 1970 to indefinite. Estimated time involved: 4 days per month off campus.

Norman Garnezy, Professor, Psychology—consultant services for American Psychological Assn., Policy & Planning Board. From 1971 to 1974. Estimated time involved: 4 days per year off campus.

College of Veterinary Medicine

Walter J. Mackey, Assistant Professor, Veterinary Anatomy—consultant services for Experimental Surgery Laboratories. From January 1, 1971 to Dec. 31, 1971. Estimated time involved: 4 hours per month off campus.

General Extension Division

Antona M. Richardson (Mrs. Rodney), Assistant Director (Lecturer), F.I.R.E. Center, GED—consultant services for Ramaley Printing Co. From December, 1969 to indefinite. Estimated time involved: 4 days monthly off campus.

CURRICULUM PROPOSALS

On the recommendation of the Vice President, Academic Administration, and the President, the Board voted unanimously to approve the following curriculum proposals:

- Masters Degree in Speech Pathology, UMD
- Ph.D. in Vocational Education
- Ed.D. in Vocational Education
- B.A. Level Program in Technical Communication

COMMITTEE REPORTS

Regent Malkerson reported for the Executive Committee 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. The Report was unanimously approved. Documentation filed supplement to the minutes, page 20,827.

Regent Hartl reported for the Investment Committee that the transactions involving the Investment Committee had been examined by members of the committee and proper documentation was on file. He reported that the committee considered a revision of the accounting period used by the University in its investment affairs so that it would better correlate with the legislative fiscal year. Further discussion was held as to a more complete communication with the legislators on the University investment policies and practices. The committee had also received a verbal report from Vice President Champion on the progress being made towards identification of other possible investment managers. The report was unanimously approved.

Regent Huffington presented the report of the Physical Plant Committee and recommended approval of the following:

1. *Construction Contract Awards*

- a. Central air-conditioning of the Student Center, St. Paul Campus
- b. Electrical service for Bierman Field and Phase I of lighting the field, Minneapolis Campus.
- c. Horticulture Teaching Complex, Technical College, Waseca

2. *Purchase of Properties*

- a. The Vice President for Finance, Planning and Operations reports for the information of the Committee that the property at 120-21st Avenue So., Minneapolis, has been acquired by negotiated purchase.
- b. The Vice President for Finance, Planning and Operations recommends the purchase of the property at 1901 University Avenue S.E., Minneapolis.
- c. The Vice President for Finance, Planning and Operations and the President recommend that the Vice President for Finance, Planning and Operations be authorized to negotiate and convey the University's undivided one-third interest in the properties located at 1517-1521 LaSalle Avenue, Minneapolis; 1826 Chicago Avenue, Minneapolis; and 194 West Summit, St. Paul, at a price not less than the estate valuation, with the understanding that the results of any negotiations will be reported to the Board for its information.

3. *Sale of Land at Rosemount*

The Vice President for Finance, Planning and Operations recommends the sale of land at Rosemount to the Dakota County Area Vocational Technical School District No. 917.

4. *County Road Changes at Morris*

Voted, on recommendation of the Vice President for Finance, Planning and Operations and the President, to authorize the appropriate administrative officers to approve the vacation of a portion of the Township Road at the West Central School and Experiment Station, Morris, and the dedication of a new Township Road.

The Board unanimously approved the report of the Physical Plant Committee.

Mr. Champion reported that it has been called to our attention that there is a possibility that we might get some additional Federal support designed to subsidize the interest costs on state loans for academic buildings. He reported that there were three projects which would be eligible for this support. The three applications for which he asked the Board for approval are, first, the Agricultural Economics Building, second, the Performing Arts Building in Duluth, and third, the Morris Humanities Building. All three of these buildings would go to bid within the next few months. Mr. Champion indicated that the likelihood of our getting any of the money for the Twin Cities campus was low. It was more likely that Duluth and Morris might receive this money. The Board voted unanimously to authorize submission of these applications.

JOHN A. HARTFORD FOUNDATION, INC.

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

Whereas the Regents did apply on November 2, 1970, with a subsequent amendment on January 28, 1971, to The John A. Hartford Foundation, Inc., for a grant for the exclusive use of the University of Minnesota Medical School for the study of Sudden Deafness; and

Whereas the Foundation did approve a grant of \$173,063 for the above purpose subject to the terms and conditions outlined in its letter of March 3, 1971; Now, therefore, be it

Resolved, That the Regents of the University of Minnesota accept the above grant subject to the conditions outlined in the letter of March 3, 1971, and accordingly instruct the appropriate administrative officers to execute the necessary documents to implement this Resolution.

PERSONNEL ACTIONS

The Board voted to approve the following personnel actions:

Academic Tenure

Adele K Donchenko to achieve permanent tenure as Assistant Professor Slavic and East European Languages in accordance with the regulations governing academic tenure effective March 16, 1971 with no change in salary

Appointment

Robert M Watson as Assistant Professor University Health Service Morris August 16, 1971 to June 30, 1973 at the rate of \$23,000 Term A

Promotions and Transfers

Lyle A French from Acting Vice President for the Health Sciences and Professor and Head Neurosurgery at \$35,500 Term A to Vice President for the Health Sciences and Professor at the rate of \$40,000 Term A effective March 15, 1971

Vincent R Hunt from Instructor Family Practice and Community Health—Research Funds at \$15,000 plus commutation allowance in lieu of professional fees Term AT to Assistant Professor Family Practice and Community Health—St. Paul Ramsey Hospital at the rate of \$28,000 Term AT March 1 to June 30, 1971

Pierre C Meyer from Instructor and Director of Student Financial Aid Office Office for Student Affairs at \$15,750 Term A to Instructor and Coordinator of Student Financial Aids at the rate of \$17,000 Term A January 1 to June 30, 1971

DEPARTMENT OF CRIMINAL JUSTICE STUDIES

On the recommendation of the Vice President, Academic Administration, and the President, the Board voted unanimously to approve the following transfer of the Department of Criminal Justice Studies:

From: The Office of the Vice President, Academic Administration
To: The College of Liberal Arts

MILITARY SURVEILLANCE

President Moos and Mr. Eidenberg discussed their joint appearance before the United States Senate Subcommittee on Constitutional Rights. President Moos indicated that the hearing went well and that the response to his testimony was sympathetic. He reported that he told the Subcommittee that the surveillance of University campuses by the military has injured the trust relationship within the academic community. Mr. Eidenberg indicated that the point the President stressed in his testimony that may have the greatest impact is that the collected information should not be used for purposes unrelated to its original collection and that citizens should have a right to have access to information maintained by government agencies on them and be able to comment on the accuracy of that information.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary