

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS INVESTMENT COMMITTEE

MINUTES

April 14, 1971

A meeting of the Investment Committee was held on Wednesday at 3:30 p.m. in the Minnesota Club, 317 Washington, St. Paul.

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

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

At the meeting of March 11, 1971, the Committee adopted principles and procedures to be used in the selection of a firm or firms to replace Brokaw, Schaenen, Clancy and Company as managers of a portion of the investment portfolio.

In this connection, Mr. Donald Brown, Executive Assistant to the Director of Development, reviewed the procedure which had been used in soliciting invitations to bid and subsequently screening applicants to determine those that would be recommended for interview by the Committee. Mr. Brown discussed each of the rejected applicants briefly and summarized reasons for the rejections.

The Vice President for Finance, Planning and Operations then introduced the following representatives of three investment firms for interview:

Messrs. Clayton Brown, Richard Brown, and Donald Brown of C. H. Brown Company, Minneapolis

Messrs. Stanley Platt, Henry Norton, Richard Tschudy, and Charles Webster of Platt, Tschudy, Norton and Company, Minneapolis

Mr. David Ogden of Thorndike, Doran, Paine and Lewis, Inc., Boston, Massachusetts

Each of the above firms, in turn was given approximately 45 minutes to present its qualifications and investment philosophy to the Committee and to answer questions from the Regents and the administrative staff who were present.

Voted to defer action on the selection of a firm or firms to replace Brokaw, Schaenen, Clancy and Company as managers of a portion of the investment portfolio pending further interviews from among the initial applicants.

The Vice President for Finance, Planning and Operations introduced Mr. Wilson, a representative of A. G. Becker Company, Chicago, who discussed with the Committee techniques and report forms which will be used in measuring the performance of the managers of the University of Minnesota investment portfolio and comparing the results with the performance of other similar funds throughout the country.

There was a general discussion on questions raised in the Legislature about the comparability of University investment reporting procedures for the Permanent University Fund with those used for other state trust funds.

Voted on the recommendation of the Vice President for Finance, Planning and Operations and the President to approve a statement of principles which will apply in determining income from the Permanent University Fund reported to the state for appropriation offset and in preparing special reports to the state for comparative purposes. Statement of principles filed supplement to the minutes, page 20,828.

The Vice President for Finance, Planning and Operations discussed a proposal to make a mortgage loan of \$63,450 to the Council for Student Cooperative Development for interim financing in connection with the Council's plans to construct student housing on a site on 13th Avenue S.E. between Fourth Street S.E. and Fifth Street S.E., Minneapolis.

Voted to refer the matter of assisting the Council for Student Cooperative Development in interim financing of the above student housing development to the Executive Committee for a decision as to the policy for authorizing such assistance.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

FACULTY, STAFF AND STUDENT AFFAIRS COMMITTEE

MINUTES

April 15, 1971

A meeting of the Faculty, Staff and Student Affairs Committee of the Board of Regents was held on Thursday at 3:30 p.m. in the Regents' Room, 238 Morrill Hall.

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

Staff present: Vice Presidents French, Shepherd, and Smith; Messrs. Eidenberg, Lofquist, Odegard, Tierney, and Zander; Miss McAvoy and Mrs. Pirsig.

Change in Basic Civil Service Law

Vice President Smith reported that the Council for University Women's Progress had offered assistance on disseminating information and providing an opportunity for people to be heard in regard to the Neely Gardner report on the change in basic civil service law. Mrs. Nancy Pirsig is chairing a committee that is holding "mini" hearings around campus on this subject. Mrs. Pirsig gave an account of the hearings that will be held. She indicated that each meeting will include a presentation of what the Gardner report contains. The audience will in turn have a chance to ask questions and to give their opinions and reactions to the various points of the Gardner report. The results of these hearings will be presented to Dr. Smith as well as the recommendations that the committee will evolve on the basis of these hearings. Mrs. Pirsig also indicated that *University Report* is running a five-part series analyzing the various areas of the Neely Gardner report. The purpose of the series is to identify the perplexities in the system and the kinds of concerns people have which tie into the various implications of the report. Regent Yngve asked for assurance that the more outspoken opponents of the proposal, such as Mr. John Hanson, have been contacted regarding their concerns. Dr.

Smith reported that he has already spent considerable time with Mr. Hanson and that he was thoroughly familiar with his concerns and recommendations concerning the report. Regent Yngve asked Dr. Smith to prepare a report for the next meeting of the Faculty, Staff and Student Affairs Committee dealing with the points raised by the opponents of the report.

Minnesota Public Interest Research Group (MPIRG)

Regent Yngve introduced Miss Becky Wessman, a College of Liberal Arts Junior in Sociology, and Mr. Karim Ahmed, a post-doctoral fellow in the Medical School, representatives of the Minnesota Public Interest Research Group (MPIRG) who requested the opportunity to present the MPIRG case to the Regents for information. Miss Wessman reviewed the purposes and the scope of MPIRG. She indicated that 18 of the schools in Minnesota have conducted a referendum on MPIRG, and 17 of these schools have over 50 percent support from their students. At the University of Minnesota, Twin Cities Campus, she indicated that over 24,000 students have voted in support of MPIRG. In addition, the University Fees Committee approved unanimously a motion in support of MPIRG.

At this point, Mr. Ahmed went over the highlights of the MPIRG proposal discussing its basic structure, its method of conducting its business, educational goals and a detailed description of the professional staff and responsibilities. He indicated that they are requesting that the University of Minnesota act as a collecting agency for the fee. President Moos inquired if it would be possible for the MPIRG organization to be neutral at the same time as being activist. Mr. Ahmed responded that the organization will not support a candidate by name but will support issues. Regent Malkerson raised the question of whether or not the organization had thought of alternative ways of collecting the money rather than having the University act as a collecting agency. Mr. Ahmed responded by saying that the two alternatives, in order of preference, were mandatory collecting, and second, a voluntary check-off. Mr. Ahmed stressed that a mandatory check-off was much more beneficial to MPIRG's activities in terms of the stability of the organization and hiring a staff of professionals. Miss Wessman said that students would be able to apply for a refund after a period of three weeks which the MPIRG organization would do in a very well publicized place on campus. Regents Cina and Sherburne indicated that a mandatory check-off certainly made the payment of the fee compulsory.

Regent Yngve asked if the MPIRG group felt the University of Minnesota should collect fees from students for any organization that manages to get better than 50 percent support of the student body. Miss Wessman responded by saying that she felt that if an organization has educational value and there is substantial student support, these criteria certainly make that organization's proposal eligible for consideration by the Regents.

At this point, Mr. Joe Highland, doctoral candidate in Biochemistry and a supporter of MPIRG, commented that the fee collecting mechanism that MPIRG is proposing is similar to one fee already assessed by the University, specifically, a portion of the health service fee. In addition, he stated that there are many fees collected at the University over which students have no option as to whether or not they wish to pay.

Regent Yngve recognized Kevin Green, a first year Law School student at the University of Minnesota, who spoke in opposition to the MPIRG proposal. He raised the following questions:

1. Does the University, as a state-supported educational institution, have the authority to assess of its student body a fee that is destined for non-University purposes, that is, the support and perpetuation of a private independent lobby such as MPIRG?
2. Would not the assessing and collecting of such a fee by the University from a University student constitute a wrongful taking of his property if done against his will and for which he must undergo some inconvenience to repossess?
3. What would be the possible sanctions if a student chose not to pay the MPIRG fee? Will a student then be penalized?
4. Aside from the question of inconvenience a student is subjected to in order to take back that which is rightfully his, does not the proposed funding scheme force a student to take a public political stand to reclaim his property and thereby violate his right to privacy?
5. Is the University in fact being asked to approve MPIRG sight unseen, since the MPIRG proposal makes clear that the organization is not bound in effect by anything they have proposed?
6. Can a private independent lobby use a state institution to finance and perpetuate itself? No matter how worthy the cause, would it not be an unfortunate precedent for the University as a state institution to financially underwrite a private enterprise?
7. If the University becomes a third party, what controls would the University have over the use of the MPIRG's funds?

Regent Yngve asked Mr. Green what he thought of the objectives of the MPIRG organization. Mr. Green responded by

saying that he is in agreement with the objectives, but he is in strong disagreement with the proposed method of funding of the University acting as a fee collecting agency.

President Moos thanked the group for their presentations.

Voted to adjourn at 4:30 p.m.

DONALD K. SMITH, Acting Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

PHYSICAL PLANT COMMITTEE

MINUTES

April 16, 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, Rauenhorst, and Sherburne.

Other Regents present: Regents Malkerson, and Yngve.

The Vice President for Finance, Planning and Operations reported that the following low bids had been accepted and contracts awarded for the fifth floor addition and first floor kitchen remodeling at the University Health Service, Minneapolis:

Contract Costs*General Work*

Midwestern Contractors, Inc. Minneapolis, Minnesota	
Bid	\$540,000

Mechanical Work

Hoglund Heating Company 7420 West Lake Street Minneapolis, Minnesota	
Bid	302,800

Electrical Work

Central Electric Company Minneapolis, Minnesota	
Bid	91,679

Elevator Work

Haughton Elevator Company St. Paul, Minnesota	
Bid	41,669

Total Contract Costs	<u> </u>	\$976,148
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Non-contract Costs

Architect's fee	79,602
Supervision of construction	12,201
Site survey, test holes, etc.	1,500
Concrete and material testing	1,000
Outside work: sidewalks and paving, electrical service, etc. ...	2,910
Custodial equipment, and special and office furnishings and equipment	25,000
Miscellaneous engineering and plant and shop drawings checking	1,000
Fire extinguishers, towel cabinets, keying, etc.	500
Contingencies	29,284
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Total Non-Contract Costs	152,997

Total Project Costs **\$1,129,145**

The foregoing costs are based on taking only the deductive alternate which eliminates the central vacuum system.

Funding for the project is as follows:

Allocation for architects fees from remaining funds in the 1967 Addi- tions to Health Service Building ...	\$ 32,000
Bank Loans	1,097,145
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Total	\$1,129,145

The Vice President for Finance, Planning and Operations reported that the following low bid had been accepted and the contract awarded for the furnishing and erecting of the structural steel for Unit A of the Health Sciences Expansion, Minneapolis:

Contract Costs

Paper Calmenson Company Bid	\$3,693,000
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Non-contract Costs

Supervision of construction	\$46,162
Concrete and Materials Testing	2,500
Miscellaneous engineering, checking of plans and specifications and shop drawings	1,500
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Total Non-Contract Costs	50,162
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Total of Above Costs	\$3,743,162

Source of Funds:

1969 Legislative Appropriation for Health Sciences Expansion

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

George and Lillian Schoberg property located at 113-115-20th Avenue South, Minneapolis, which contains approximately 9,355.5 square feet, for the purchase price of \$24,150, with funds appropriated for land acquisition on the West Bank

Lionel F. Johnson property, located at 1916 South Second Street, Minneapolis, which contains approximately 8,958.6 square feet, for the purchase price of \$44,000, with funds appropriated for land acquisition on the West Bank.

The Vice President for Finance, Planning and Operations introduced Mr. Donald Bundlie, Attorney, who reviewed the report of the Commissioners of the District Court on condemnation of certain parcels of land adjacent to the Duluth Campus.

Voted, on the recommendation of the Vice President for Finance, Planning and Operations, and the President, to accept the award of the Commissioners on the parcels designated "Eugene F. Wilson et al." (Duluth Condemnation File No. 128705).

Voted on the recommendation of the Vice President for Finance, Planning and Operations, and the President, to authorize the appropriate administrative officers to file an appeal of the award of the Commissioners on the following parcels in the combined, action designated "J. B. Company, a Minnesota Corporation et al." (Duluth Condemnation File No. 128664).

Parcel 16 (Touminen)

Parcels 3-97, 3-117, 3-135 and 3-137 (Overstreet)

Parcels 1 and 2 (26 parcels) (J. B. Company)

Voted, on the recommendation of the Vice President for Finance, Planning and Operations, to authorize the appropriate administrative officers to file an application with the Department of Housing and Urban Development for assistance in a loan of approximately \$2,110,000 toward the construction of new single student apartment housing and appurtenant facilities for approximately 312 students on the Duluth Campus. Regent Rauenhorst abstained from voting on the motion.

Voted, on the recommendation of the Vice President for Finance, Planning and Operations, and the President, to approve the following resolution with Regent Rauenhorst abstaining:

Whereas the Chateau Co-op, now known as Chateau Mutual Service Housing Association, Inc., a Minnesota non-profit corporation (hereinafter referred to as the Chateau), is recognized by the University of Minnesota as having a long and outstanding record of providing low cost meals to students at the University and which has been reorganized for the specific

purpose of providing low cost housing for students at the University of Minnesota; and

Whereas the Chateau has appointed the Council for Student Co-op Development, Incorporated (hereinafter referred to as CSCD), to provide assistance in its reorganization to provide low cost student housing and in this capacity CSCD has acquired property and otherwise prepared and assisted the Chateau in making application to the Department of Housing and Urban Development, College Housing Program, for a loan in the amount of \$3,300,000 to finance construction of a housing facility at 425-13th Avenue Southeast, Minneapolis, to house approximately 400 students of the University of Minnesota; and

Whereas the Regents and the University desire to provide all reasonable assistance to the Chateau and CSCD to enable them to perform the function for which they were organized, in an efficient manner; Now, therefore, be it

Resolved, That in the judgment of the Board of Regents of the University of Minnesota, the Chateau Mutual Service Housing Association, Inc., at the University of Minnesota is a well established, competent, and responsible student organization with continuity of operation and that the plans of the Association will not interfere or compete with the development of the long-range housing plans of the institution; and be it further

Resolved, That the proposed housing project to be constructed at 425 13th Avenue Southeast, Minneapolis, by the said Chateau organization, is approved by the University; and be it further

Resolved, That the Vice President for Finance, Planning and Operations is hereby authorized to assist the CSCD in interim financing in connection with said application and housing development.

On the recommendation of the Vice President for Finance, Planning and Operations, the Committee voted to recommend to the full Board for approval that the Committee's vote of February 12, 1971, respecting the proposed apartment complex at Como Avenue S.E., in Minneapolis, be amended to read as follows:

"to authorize the appropriate Administrative officers to file an application with the Federal Department of Housing and Urban Development for assistance in a loan of approximately \$5,500,000, or such portion thereof as may be the maximum available, to finance the purchase and/or construction of a new apartment complex at Como Avenue and 27th Avenue S.E., Minneapolis, to provide approximately 390 units of housing and appurtenant facilities."

And, further,

"that the foregoing authorization to file an application to HUD for financial assistance does not constitute a final determination to proceed with the construction of the Como project."

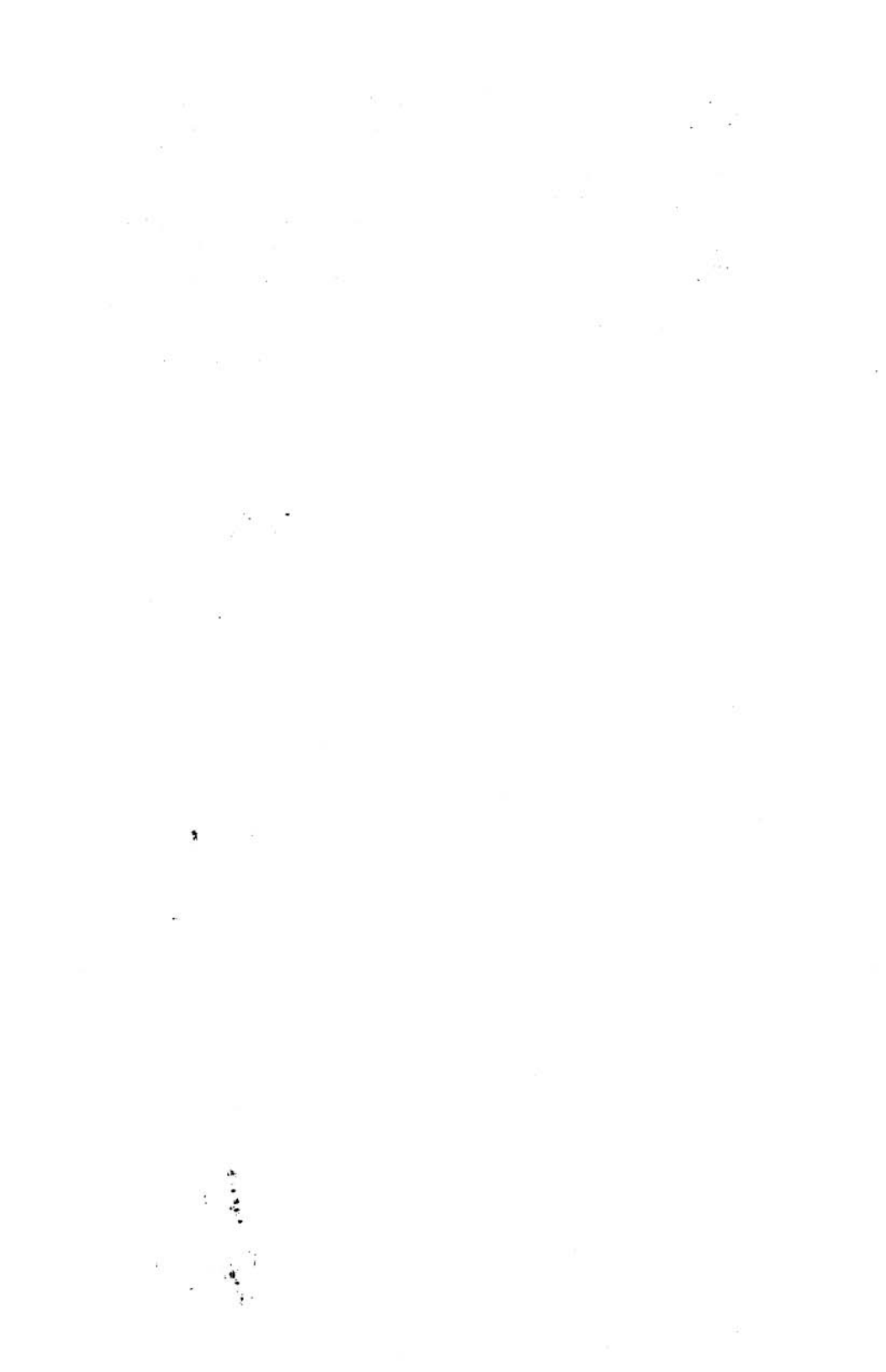
Regent Rauenhorst abstained from voting on the above action.

The Vice President for Finance, Planning and Operations called attention to the proposed appointment of Mr. Robert A. Reid as an Environmental Engineer in the Department of Physical Plant Maintenance and Operations to give specific attention to solving the University's pollution-related problems. Mr. C. Luverne Carlson, Assistant Vice President, commented on what the University is already doing in the pollution control area.

The Physical Plant Report, together with supporting documentation, is filed supplement to the minutes, page 20,829.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary



UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

MINUTES

April 16, 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, Gainey, Hartl, Howard, Huffington, Hughes, Rauenhorst, Sherburne, Yngve, and President Moos.

Staff present: Vice Presidents Cashman, Champion, French, Shepherd, and Smith; Messrs. Carlson, Darland, Eidenberg, Frederick, Garrison, Imholte, Johnson, Kegler, Lofquist, Lukermann, McInnes, Odegard, Preston, Reeves, Sahlstrom, Tall, Tierney, and Zander; Miss McAvoy and Mrs. Pirsig.

APPROVAL OF MINUTES

Voted to approve the minutes of the following meetings:

Drafts of Minutes:

Investment Committee Meeting—March 11, 1971

Physical Plant Committee Meeting—March 12, 1971

Board of Regents Meeting—March 12, 1971

AMENDMENTS OF MINUTES

October 9, 1970, Cecil J Waddington Professor School of Physics and Astronomy sabbatical furlough for 1971-72 to improve understanding and knowledge of physics to be cancelled (necessary to remain at the University of Minnesota for work on satellite programs)

November 13, 1970, 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 to be cancelled (difficult to arrange for collaboration with colleagues at Oregon State for this period)

March 12, 1971, 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 to be cancelled (fellowship from Guggenheim Foundation was not granted)

February 12, 1971, James L Hetland, Jr Professor Law School leave without salary with beginning leave date subject to a replacement on the

Metropolitan Council and with ending date extended to June 15, 1971 to serve as Vice President of First National Bank in charge of Environmental Department leave to begin April 16, 1971 and with 67% time service April 16 to June 15, 1971

PERSONNEL CHANGES

Voted to approve the following personnel changes:

Terminations

Robert S Hoyt Professor and Chairman History effective February 24, 1971 plus one month death payment allowance

John T Hanley Professor Civil and Mineral Engineering effective March 26, 1971

William J Kane Associate Professor Orthopedic Surgery effective February 26, 1971

Appointments

James D Edwards as Dean of the School of Business Administration, Dean of the Graduate School of Business Administration and Professor of Accounting Administration beginning August 1, 1971 at the rate of \$35,000 Term A

Venkata R R Uppuluri as Visiting Professor Statistics March 16 to June 15, 1971 at the rate of \$15,000 Term BT

Wolfgang K Giloi as Professor Computer Information and Control Sciences and University Computer Services beginning March 1, 1971 at the rate of \$26,000 Term B

Philip G Hodge, Jr as Professor Aerospace Engineering and Mechanics beginning September 16, 1971 at the rate of \$26,000 Term B

Thane H McCulloh as Professor of Geology and Head of the School of Earth Sciences beginning September 16, 1971 at the rate of \$27,000 Term B (\$3,000 of this salary is supplement associated with administrative duties)

Wesley B Sundquist as Professor and Head Agricultural and Applied Economics beginning June 14, 1971 at the rate of \$33,000 Term A

Robert J Helland as Adjunct Professor Law School for the winter quarter of 1970-71 at \$2,500 Term CH33 (\$22,500 B rate)

Robert H Brookshire as Associate Professor Speech Science Pathology and Audiology December 16, 1970 to June 30, 1971 at the rate of \$1,008 Term AHT6 (\$18,000 A rate)

Charles A Sargent as Visiting Associate Professor Agricultural and Applied Economics and Agricultural Extension Service March 1 to June 30, 1971 at the rate of \$18,000 Term AT

Alan D Freeman as Associate Professor Law School September 16, 1971 to June 15, 1974 at the rate of \$18,000 Term B; this appointment is subject to a special contract calling for a decision on or before June 15, 1973 with respect to continuing this appointment beyond the initial three year term

Joyce A Hughes as Associate Professor Law School September 16, 1971 to June 15, 1974 at the rate of \$19,500 Term B; this appointment is subject to a special contract calling for a decision on or before June 15, 1973 with respect to continuing this appointment beyond the initial three year term

Peter Mevert continuation of appointment as Visiting Associate Professor School of Business Administration March 16 to June 15, 1971 at \$5,500 Term C (\$16,500 B rate)

Bo Gustaf Crabo as Associate Professor Animal Science Research Funds beginning May 1, 1971 at the rate of \$22,000 Term A

William C Musselman as Head Basketball Coach and Adjunct Assistant Professor Intercollegiate Athletics March 1 to June 30, 1971 at the rate of \$18,000 Term A; annual appointment, tenure not applicable

Maurice L Ray as Instructor and Basketball Coach Division of Education and Psychology (Physical Education) Duluth for 1971-72 at \$12,000 Term B

Robert A Reid as Senior Engineer Physical Plant April 16 to June 30, 1971 at the rate of \$11,856 Term A

Special Appointments

Evelyn N Deno continuation of appointment as Professor and Director Psycho-Educational Center and Special Education Educational Psychology for the spring quarter of 1970-71 at \$4,444 Term CH67 (\$20,000 B rate); son Stanley Deno Visiting Professor Special Education Term B

Peter J Kreisman as Research Assistant School of Physics Research Funds January 1 to June 15, 1971 at the rate of \$774 Term BHT13 (wife Linda Kreisman Principal Secretary School of Physics Term A)

Brian P Hazel student as Laboratory Attendant Animal Science beginning March 29, 1971 at \$1.90 per hour (sister-in-law Linda Hazel student Clerk-Typist Animal Science hourly rate)

Marianne Sironen Nemeth Dental Assistant School of Dentistry Research Funds at \$5,196 Term AT (married to Robert Nemeth Teaching Assistant School of Dentistry Term AHT25 January 2, 1971)

Promotions and Transfers

Mellor R Holland from Professor and Assistant Dean School of Dentistry at \$30,600 Term A to Professor and Associate Dean School of Dentistry without change in salary rate or term beginning May 1, 1971

Theodore E Kellogg from Director of Admissions and Records and Professor of Education at \$23,200 Term A for 1970-71 to Vice Provost for Student Affairs and Professor of Psychology Student Personnel Services Duluth at the rate of \$27,000 Term A beginning July 1, 1971

Eloise M Jaeger from Professor and Chairman Physical Education for Women and Acting Director School of Physical Education at \$25,000 Term A to Director of School of Physical Education and Professor and Chairman Physical Education for Women at the rate of \$26,000 Term A beginning May 1, 1971

Gisella Konopka Professor School of Social Work at \$18,600 Term B on sabbatical furlough September 16, 1970 to March 15, 1971 to serve as Professor School of Social Work, Special Assistant to the Vice President for Student Affairs and CURA Coordinator Center for Urban and Regional Affairs at the rate of \$23,000 Term A March 16 to June 30, 1971

Richard N Hey Professor and Chairman Division of Family Social Science School of Home Economics at \$22,000 Term A to serve as Professor Sociology for 50% of time without change in salary rate or term March 16 to June 15, 1971

Virginia M Fredricks from Associate Professor Speech Communication and Theatre Arts at \$11,600 Term B for 1970-71 to Associate Dean for Humanities and Fine Arts and Associate Professor of Theatre Arts Administration College of Liberal Arts at the rate of \$17,000 Term A beginning July 1, 1971

Kenneth A Osterberg from Associate Professor Pathology at \$29,000 Term A to Associate Professor Pathology Hennepin County General Hospital Funds at the rate of \$36,936 (\$29,000 Term A \$7,936 Term AT) beginning January 1, 1971

John M Matsen from Assistant Professor Laboratory Medicine and Pediatrics and Director Clinical Microbiology and Lecturer Microbiology at \$17,200 Term AT to Associate Professor and Director Clinical Microbiology and Lecturer Microbiology without change in salary rate or term January 1 to June 30, 1971

Henry Gewurz from Associate Professor Laboratory Medicine, Surgery and Pediatrics Research Funds at \$14,000 Term AHT50 (\$28,000 A rate) to Associate Professor Surgery and Pediatrics Research funds at the rate of \$10,000 Term AHT36 (\$28,000 A rate); \$14,000 additional paid directly by American Heart Association

David C Berg from Senior Administrative Officer Administration School of Public Health at \$15,000 Term AT to Assistant to the Vice President Office of the Vice President for Health Sciences Affairs at the rate of \$16,224 Term AT January 1 to June 30, 1971

Marie E Manthey from Assistant Director and Instructor, Nursing Services University of Minnesota Hospitals at \$14,424 Term A to Associate Director and Instructor, Nursing Services at the rate of \$15,000 Term A March 1 to June 30, 1971

Douglas L Elliott from Senior Systems Analyst Trainee University of Minnesota Hospitals from \$11,400 Term AT to Senior Systems Analyst at the rate of \$11,856 Term AT February 9 to June 30, 1971

Regent Brink moved that Docket Items Nos. 1 (Gisella Konopka), 2 (Richard N Hey), 3 (Kenneth A Osterberg), 4 (John M Matsen), 8 (Henry Gewurz), 9 (David C Berg), 11 (Marie E Manthey), and 12 (Douglas L Elliott) of Promotions and Transfers in the Personnel Section of the Docket be approved, and Nos. 5 (Darrell R Lewis), 6 (Barbara Knudson), 7 (Evelyn P Quesenberry), and 10 (Nancy A Pirsig) be deferred to the next meeting. Regent Rauenhorst seconded the motion. Regents Howard, Hughes, Sherburne, and Yngve voted against the motion. The motion was carried by a 6 to 4 vote.

Salary Adjustments

Harald R Jensen Professor Agricultural and Applied Economics at \$20,600 Term A serving as Acting Head at the rate of \$21,800 Term A July 1 to December 31, 1970 to Acting Head at the rate of \$23,000 Term A July 1, 1970 to June 30, 1971

Manfred J Meier Professor Neurosurgery and Hennepin County General Hospital Funds from \$29,000 (\$25,000 Term A \$4,000 Term AT) to

the rate of \$31,200 (\$25,000 Term A \$6,200 Term AT beginning January 1, 1971)

Joseph M Livermore Associate Professor Law School at \$20,750 Term B on leave of absence without salary April 16 to June 15, 1971 to receive \$3,074 for 67% time April 16 to June 15, 1971

Yoon Berm Kim Associate Professor Microbiology Research Funds from \$19,800 Term AT to the rate of \$21,400 Term AT April 1 to June 30, 1971

Grace W Gray Assistant Professor Veterinary Physiology and Pharmacology from \$12,700 Term AP to the rate of \$14,200 Term AP beginning July 1, 1970

Michael Dooley Scientist Medicine Research Funds from \$6,168 Term AHT50 (\$12,336 A rate) to the rate \$12,336 Term AT January 1 to June 30, 1971

Leaves of Absence

Donald K Smith Vice President, Administration sabbatical furlough August 1, 1971 to July 31, 1972 to engage in two lines of study—current directions of change in the forms and content of higher education and recent developments in theory and practice in speech communication with time to be spent in England, Europe and the United States

Paul L Murphy Professor History sabbatical furlough for 1971-72 to complete research and writing on three projects with time to be spent at the University of Lagos, Nigeria on a senior Fulbright-Hays appointment

Don A Martindale Professor Sociology sabbatical furlough for 1971-72 to revise the text Nature and Types of Sociological Theory with time to be spent primarily in the Twin Cities

Allen Nussbaum Professor Electrical Engineering sabbatical furlough for 1971-72 to improve ability as an instructor in areas of specialization, solid state electronics, applied group theory, and engineering optics by teaching at a foreign institution (this cancels the single quarter leave with salary for the fall quarter of 1971-72 approved at the January 8, 1971 Board of Regents meeting)

Leon W Green Professor School of Mathematics sabbatical furlough for 1971-72 for study and research in the area of analysis on manifolds with time to be spent at the University of California, San Diego and at the Global Analysis Symposium at Warwick

Jay M Hughes Professor College of Forestry leave without salary for 1971-72 to work as Director, Division of Forest Resources, Cooperative State Research Service, United States Department of Agriculture, Washington, DC

Finn Wold Professor Biochemistry Medical School leave with salary March 15 to April 30, 1971 and leave without salary May 1 to June 15, 1971 to serve as visiting professor in Chemistry at the National Taiwan University, Taipei, Taiwan

Donald W Hastings Professor Psychiatry leave with salary March 8-19, 1971 to participate in Mediclinics a postgraduate course for physicians at Ft Lauderdale, Florida

Clyde A Parker Professor and Chairman Department of Counseling and Student Personnel Psychology Division of Educational Psychology sabbatical furlough for 1971-72 to accept a Fulbright-Hays award in India and to serve as a consultant in Higher Education with the development of student affairs programs with time to be spent in New Delhi, India

E Louise Curtis Professor Division of Education Morris sabbatical furlough for 1971-72 for post doctoral study in Early Childhood Education and to visit innovative teacher education programs and outstanding programs in early childhood education

Richard E W Adams Associate Professor Anthropology sabbatical furlough for 1971-72 to complete one technical monograph Ceramic Chronology and Culture History in the Cotzal Valley, Guatemala and one book length synthesis of Mesoamerican Prehistory with time to be spent in Bregenz, Austria

Peter Gregory Associate Professor Economics leave without salary for 1971-72 to accept a visiting appointment in the Department of Economics at the University of New Mexico in Albuquerque

Theodore R Marmor Associate Professor Political Science and School of Public Affairs 50% time leave without salary from School of Public Affairs for the spring quarter of 1970-71 to serve as Advisor to United States Senate Finance Committee

Jesse E Fant Associate Professor Civil and Mineral Engineering continuation of leave without salary for 1971-72 to assist the Minnesota Highway Department in implementing major changes in their surveying methods and standards

Wayne A Stein Associate Professor School of Physics leave without salary for the spring quarter of 1970-71 to work at the University of California, San Diego

Joseph M Livermore Associate Professor Law School leave without salary April 16 to June 15, 1971 to serve as Assistant United States Attorney for the value of the experience

Nancy E Cato Assistant Professor Physical Education for Women sabbatical furlough for 1971-72 for completion of doctoral degree with time to be spent at either Michigan State University or George Peabody College

CONTRACTS AND GRANTS

Voted to approve the following contracts and grants:

U.S. Office of Education

OEG-0-70-1947(721), Revision No. 1, "Graduate Fellowship Program for Vocational Education Leadership Development," awarding funds in the amount of \$117,000.00 for the second year of the program for the period July 1, 1971 through June 30, 1972 under the direction of Jerome Moss, Jr., Department of Industrial Education.

National Aeronautics and Space Administration

NAS 1-10511, "An Engineering Model of Mass Spectrometer and Encoder for Dual Air Density Explorer Satellites," awarding funds in the amount of \$156,081.00 for the period January 12, 1971 through March 11, 1972 under the direction of Dr. A. O. C. Nier, Department of Physics.

U.S. Public Health Service

PH43-68-99, Modification No. 9, "Freezing and Thawing Whole Organs," awarding additional funds in the amount of \$160,898.00 for the

period December 29, 1967 through February 28, 1972 under the direction of Dr. Richard C. Lillehei, Department of Surgery, Dr. Edmund F. Graham, Department of Animal Science, and Dr. Perry Blackshear, Department of Mechanical Engineering.

5 T01-AI00090-12 (Continuation) "Allergy and Immunology," awarding funds in the amount of \$157,054.00 for the period July 1, 1971 through June 30, 1972 under the direction of Dr. Dennis Watson, Department of Microbiology.

2 P01-NE-08214-08 (Renewal) "Chemical and Biological Properties of Lipids," awarding funds in the amount of \$407,501.00 for the period January 1, 1971 through December 31, 1971 under the direction of Professor Walter Lundberg, Hormel Institute.

3 R01-HE-09686-05S1 (Supplement) "Dietary Change on Human Cardiovascular Disease," awarding funds in the amount of \$152,388.00 for the period May 1, 1970 through April 30, 1971 under the direction of Dr. Ivan Frantz, Jr., Department of Medicine.

5 E03-PE-00112-06 (Continuation) "Health Professions Educational Improvement Program Medical School," awarding funds in the amount of \$363,500.00 for the period July 1, 1971 through June 30, 1972 under the direction of Dr. H. Mead Cavert, Health Sciences.

5 E03-PE-00362-06 (Continuation) "Health Professions Education Improvement Program," awarding funds in the amount of \$238,000.00 for the period July 1, 1971 through June 30, 1972 under the direction of Dean E. Schaffer, College of Dentistry.

5 E03-PE-00441-02 (Continuation) "Health Professions Educational Improvement Program Institutional Grant-Pharmacy," awarding funds in the amount of \$140,518.00 for the period July 1, 1971 through June 30, 1972 under the direction of Dean Lawrence Weaver, College of Pharmacy.

5 E03-PE-00522-02 "Health Professions Educational Program-Institutional Grant," awarding funds in the amount of \$118,743.00 for the period July 1, 1971 through June 30, 1972 under the direction of Dean W.T.S. Thorp, College of Veterinary Medicine.

APPLICATIONS FOR CONTRACTS AND GRANTS

Voted to approve the following applications for contracts and grants:

Social and Rehabilitation Service—

Department of Health, Education and Welfare\$1,592,281.00

Dr. Frederic J. Kottke, Physical Medicine and Rehabilitation

"Rehabilitation Research & Training Center Grant" (Continuation of 16-P-56810-5-09), October 1, 1971 through September 30, 1972

U.S. Public Health Service 998,186.00

Dr. Ivan D. Frantz, Jr., Department of Medicine

"Effect of Dietary Change on Human Cardiovascular Disease" (Continuation of 5-R01-HE-09686), May 1, 1971 through April 30, 1972

U.S. Public Health Service 578,064.00

Dr. Robert L. Vernier, Department of Medicine

"Cardiovascular Functions in Patients" (Continuation of 5-P01-HE-06314), June 1, 1971 through May 31, 1972

National Science Foundation	423,563.00
Professor Leonid Hurwicz, Department of Economics "Comparison & Analysis of Systems & Techniques of Economic Organization" (Renewal), September 1, 1971 through August 31, 1976	
U.S. Public Health Service	414,210.00
Dr. Gilbert J. Mannering, Department of Pharmacology "Drug Metabolism & Biochemical Pharmacology" (Continuation of 5-P11-GM-15477), June 1, 1971 through May 31, 1972	
National Science Foundation	368,004.00
Professor Robert T. Holt, Department of Political Science "The Analysis of Complex Social Systems," September 16, 1971 through September 15, 1973	
National Science Foundation	336,246.10
Professor Alan B. Hooper, Department of Genetics & Cell Biology "Biochemistry & Physiology of Nitrification by Nitrosomonas" (Renewal), November 1, 1971 through October 31, 1976	
U.S. Office of Education	285,412.00
Ronald J. Berk, General College "Project Response," July 1, 1971 through June 30, 1972	
National Aeronautics and Space Administration	268,943.00
Professor L. J. Cahill, Jr. Professor Willem J. Luyten, Department of Astronomy "Study of the Proper Motion of Stars using the Automated Proper Motion System" (Continuation of NSR-24-005-062), 1 year period starting July 1, 1971 through June 30, 1973	
Social and Rehabilitation Service—	
Department of Health, Education and Welfare	257,182.00
Dr. John E. Brandle, School of Public Affairs "Training of Administrators of Programs for the Aging" (Continuation), September 1, 1971 through August 31, 1972	
National Science Foundation	232,765.00
Professor Palmer Rogers, Department of Microbiology "Regulation of Specific Messenger RNA Synthesis by Arginine and Canavanine" (Renewal), September 1, 1971 through August 31, 1976	
U.S. Public Health Service	208,605.00
Dr. Richard C. Lillehei, Department of Surgery "The RECAD—A New Blood Oxygenator (a response to RFP NHLI-71-12 New or Improved Blood Oxygenators)," June 1, 1971 through June 1, 1972	
Social and Rehabilitation Service—	
Department of Health, Education and Welfare	208,259.00
Dr. Rene V. Dawis, Department of Psychology "Training in the Field of Rehabilitation Counseling" (Continuation), September 1, 1971 through August 31, 1972	
U.S. Transportation, Federal Highway Administration	184,895.81
C. Edward Bowers, St. Anthony Falls Hydraulic Laboratory "The Study of Runoff Estimates for Small Rural Water-	

sheds & Development of Sound Design Method" (a response to RFP 37; GS-10 proposal No. 71-8), July 1, 1971 through January 1, 1975	
U.S. Public Health Service	166,782.00
Dr. Lyle A. French, Health Sciences	
"Allied Health Professions Advanced Traineeship Grant" (Continuation of AH 00059-04), July 1, 1971 through June 30, 1972	
National Science Foundation	161,163.00
Professor Gerald W. Timm, Department of Neurology	
"Electromechanical Prosthetic Device Development," July 1, 1971 through June 30, 1973	
Office of Economic Opportunity	149,871.00
Dr. Richard J. Clendenen, Department of Delinquency Control Institutes	
"Project Newgate" (Continuation), July 1, 1971 through June 30, 1972	
Social and Rehabilitation Service—	
Department of Health, Education and Welfare	
Dr. Clark D. Starr, Department of Communication Disorder	
"Teaching Grant & Traineeships in Speech Pathology & Audiology" (Continuation), September 1, 1971 through August 31, 1972	
National Aeronautics and Space Administration	147,490.00
Professor E. P. Ney, Department of Physics	
"Research & Development for Interfacing the C141 NASA Infrared Airplane," July 1, 1971 through June 30, 1973	
U.S. Department of Agriculture	127,160.00
Professors D. D. Stuthman and R. E. Heiner, Department of Agronomy & Plant Genetics	
"Improvement of Cereal Proteins," May 1, 1971 through April 30, 1975	
American Medical Association	125,113.00
Professor Jacques R. Chipault, Hormel Institute	
"Effects of Cigarette Smoke & Its Constituents on Lung Tissue Lipids," June 1, 1971 through May 30, 1976	
National Science Foundation	114,636.00
Professor Robert Holt, Center for Comparative Studies	
"Modeling of Regional Development in India," June 16, 1971 through September 15, 1972	
National Aeronautics and Space Administration	104,609.00
Professor A.O.C. Nier, Department of Physics	
"Development & Application of Mass Spectrometers to Studies of the Earth's Upper Atmosphere & Planetary Atmosphere" (Continuation), July 1, 1971 through June 30, 1972	
State of Minnesota, Division of Water, Soils & Minerals	100,000.00
Professor James E. Lawver, Mineral Resources Research Center	
"Minimizing Consumption of Water in Iron Ore Processing," July 1, 1971 through June 30, 1973	
Minneapolis Park Board	100,000.00

Professors J. Shapiro, R. O. Megard & H. O. Pfannkuch,
 Department of Geology, Ecology
 "Lake Pollution Control Program," April 1, 1971 through
 March 31, 1972
 U.S. Department of the Interior 100,000.00
 Professor William C. Walton, Office of Water Resources
 Research Center
 "Support for Water Resources Research Center Annual
 Allotment Funds for Fiscal Year 1972," July 1, 1971
 through June 30, 1972

GIFTS

Voted to accept with thanks the following gifts:

Research

Donor Paul F. Dwan Trust
 Amount \$12,862.18
 Fund Dwan Family Fund

Scholarships, Fellowships, Prizes and Awards

Donor Minnesota Higher Education Coordinating Commission
 Amount \$124,925.00
 Fund State of Minnesota Scholarship Program

Donor Lillian M. Swenson Trust
 Amount \$38,546.82
 Fund David F. Swenson Kierkegaard Memorial Fund
 Purpose To establish a general scholarship fund for advanced and graduate students of Philosophy in the Arts College.

Donor Minnesota Higher Education Coordinating Commission
 Amount \$14,125.00
 Fund Duluth Campus Scholarship Fund

Donor George W. Bohannon
 Amount \$10,000.00 (Paid-up life insurance policy)
 Fund Dr. E. W. Bohannon Scholarship Fund
 Purpose To establish a scholarship fund at the University of Minnesota, Duluth, as a memorial to the late Dr. E. W. Bohannon, Duluth State Teachers College President from 1901 to 1938.

Donor The Bush Foundation
 Amount \$8,100.00
 Fund Bush Foundation Fellowships in Theatre Arts

Donor Mrs. Hulda B. Rothschild
 Amount \$5,259.97
 Fund Maurice L. Rothschild Scholarship Fund

Donor Association of American Geographers
 Amount \$5,033.38
 Fund Association of American Geographers Fellowship in Geography

Miscellaneous

Donor Minnesota State College System
Amount \$13,000.00
Fund Mini-Tex Program

Donor Paul F. Dwan Trust
Amount \$10,000.00
Fund Paul and Faith Dwan Chair in Pediatric Cardiology

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

280 gifts under \$5,000 each totaling \$32,739.29, and 355 gifts to the Minnesota Alumni Fund totaling \$18,444.50.

Total Gifts \$299,286.14

SABBATICAL FURLOUGH

Regent Hughes made the following statement in regard to approval of a sabbatical leave for Donald K. Smith:

"I think the granting of leave to Donald K. Smith should not go in a routine fashion. In my years on this Board I have known a great many men that I considered to be of profound intellectual accomplishments and great wisdom. I think I know no one who excels Don Smith in either of those capacities. I think, Mr. President, when you hoped that he will come back with renewed vigor, that is false hope on the basis of what I have seen with respect to his vigor in the last couple years. I don't know how anyone could give more or do more for the University than Don Smith has."

DONALD CHURCH BALFOUR VISITING PROFESSOR OF MEDICINE, 1971

On the recommendation of the Director of Education at the Mayo Graduate School of Medicine and of the Dean of the Graduate School, the Vice President for Health Sciences and the President, the Board voted unanimously to approve the appointment of Dr. Richard V. Ebert as the Donald Church Balfour Visiting Professor of Medicine for 1971.

OUTSTANDING ACHIEVEMENT AWARDS

On the recommendation of the All-University Committee on Honors, and the President, the Board voted unanimously to approve the award of five Outstanding Achievement Awards. Documentation is filed supplement to the minutes, page 20,829a.

NAMING OF BUILDING, MORRIS

On the recommendation of the All-University Committee on Honors, and the President, the Board voted unanimously to ap-

prove the newly completed residence hall on the Morris Campus be designated as "Independence Hall."

AGRICULTURAL EXTENSION SERVICE

On the recommendation of the Vice President, Academic Administration, and the President, the Board voted unanimously to approve a Single Quarter Leave for the following staff member in the Agricultural Extension Service:

Harvey M. Bjerke, Spring Quarter, 1971, to do further research in the general field of Estate Planning.

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 unanimously to approve requests for non-campus service received during the month of March 1971, as follows:

Institute of Agriculture

James W. Nordstrom, Assistant Professor, Animal Science—consultant services for Sparboe Agricultural Corp. From March 1, 1971 to December 31, 1971. Estimated time involved: not more than an average of two days total per month on and off campus.

Institute of Technology

Richard C. Jordan, Professor and Head, Mechanical Engineering—consultant services for Agency for International Development. From March 1971 to May 15, 1971. Estimated time involved: approximately six days total on campus.

Robert F. Lambert, Professor, Electrical Engineering—consultant services for local and state governmental agencies. From March 31, 1971 to indefinite. Estimated time involved: one day per month on campus and one day per month off campus.

E. Pfender, Professor, Mechanical Engineering—consultant services for Reuter Incorporated. From March 22, 1971, to approximately June 30, 1971. Estimated time involved: one day per month on campus and one-half day per month off campus.

E. Pfender, Professor, Mechanical Engineering—consultant services for 3M Company—Electrical Power Products. From March 15, 1971, to May 15, 1971. Estimated time involved: one-half day per month off campus.

College of Education

Wells Hively II, Professor and Chairman, Educational Psychology, Psychological Foundations of Education—consultant services for Bureau of Program Planning and Evaluation. From February 11, 1971 to March 5, 1971. Estimated time involved: approximately 17 days off campus.

N. Wesley Tennyson, Professor, Counseling & Student Personnel Psychology—consultant services for Science Research Associates, Inc. From February 1971 to December 30, 1971. Estimated time involved: ten days during the year off campus.

College of Liberal Arts

Donald A. Berry, Assistant Professor, Statistics—consultant services for Operations Research, Inc. From present to March 2, 1972. Estimated time involved: approximately one day per month on campus and approximately one-half day per month off campus.

School of Business Administration

Cyrus F. Smythe, Associate Professor, Industrial Relations—consultant services for League of Minnesota Municipalities and other public employers. Continuing on a yearly July 1 to June 30 basis. Estimated time involved: six days per month including evening, and weekend work during the academic year. More than six days per month other than the academic year.

General College

Ivan Policoff, Associate Professor—consultant services for Rochester Symphony Orchestra. From September 1970 to June 1971. Time involved will be off campus.

Health Sciences

Marion W. Anders, Associate Professor, Pharmacology—consultant services for Veterans Administration. From February 1971 to July 1971. Estimated time involved: one day per month off campus.

James O. Beck, Jr., Assistant Professor, Dentistry—consultant services for Normandale State Junior College. From 1969 to indefinite. Estimated time involved: 2.5 hours per week, Winter quarter only.

Sandra J. Carter, Assistant Professor, Laboratory Medicine—consultant services for CELP—Northlands Regional Medical Program. From October 1970 to indefinite. Estimated time involved: one day every other month off campus.

Mellor R. Holland, Professor and Assistant Dean, Dentistry—consultant services for Minnesota Dental Association. From annual basis, usually March-April to March-April. Estimated time involved: 2-3 hours per month on campus and approximately 15 hours per month at night and weekends off campus.

Joann R. Hubbard, Assistant Professor, School of Nursing—consultant services for Mount Sinai Hospital. From February 15, 1971, to May 1, 1971. Estimated time involved: one afternoon three times a month off campus.

J. Jeffrey McCullough, Assistant Professor, Laboratory Medicine—consultant services for St. Paul Regional Red Cross Blood Center. From January 1, 1971 to June 30, 1971. Estimated time involved: the average time per week is in the range of 5 to 7 hours. No specific amount of time involved.

Akira E. Takemori, Professor, Pharmacology—consultant services for National Institutes of Health. From 1971-1974. Estimated time involved: 20 days per year off campus.

Law School

David L. Graven, Professor, Law School—consultant services for Metropolitan Council. From March 25, 1971, to March 25, 1977. Estimated time involved: four half-days per month plus some evening seminars and conferences off campus.

University of Minnesota, Duluth

Dale W. Olsen, Associate Professor, Political Science—consultant services for Minnesota Pollution Control Agency. From March 1971 to March 1975. Estimated time involved: average of three to four days per month off campus.

COMMITTEE REPORTS

Regent Gainey reported for the Executive Committee that the Chairman 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 is filed supplement to the minutes, page 20,830.

Regent Hughes reported that the Health Sciences Committee did not hold a regular meeting. He reported that he had participated in the ground-breaking ceremony of the Health Sciences Complex on April 1, 1971.

Regent Yngve reported that the Faculty, Staff and Student Affairs Committee heard presentations by representatives of the Minnesota Public Interest Research Group (MPIRG), Miss Becky Wessman and Mr. Karim Ahmed. He also reported that Mr. Kevin Green spoke in opposition to the proposal. In addition, the Committee heard a report on the hearings being held on the Neely Gardner report and the proposed Civil Service regulation changes by the Civil Service Task Force chaired by Mrs. Nancy Pirsig.

Regent Andersen asked for recognition to make a statement on student financial aid:

“May I say something under this general heading that includes student affairs. I do so only because I at one time served as chairman of the subcommittee of the Board of Regents on the Impact of Tuition Increases. I am only making remarks that would express the views of all

of us and our concern. As all of you know, the Regents in the last two years have given high priority to developing the program of student financial assistance, with special attention to the financial and educational needs of low income people. I think I speak for all of us in saying that we must seek to maintain our program of financial aid for low income students. We know that this is a period of financial belt-tightening, but it would be tragic if we allowed this to deny access to the University of our most needy students. I think it is our desire as Regents to simply assure the public and the student body that we will do everything possible to see that the program of educational and financial aid for needy students, started two years ago, is maintained. In this connection, as you know, the Regents are lending their support to urging that the Legislature fund fully the Higher Education Coordinating Commission's (HECC) request for its scholarship and grants-in-aid programs. Full funding of this program could help us substantially in meeting our commitment to needy students wishing to enter the University. In supporting this program, however, I think we should continue to urge the importance of legislation that will ensure the distribution of grants-in-aid money in ways that reflect the distribution of low income people in the State and urge that HECC be staffed to accept applications for grants-in-aid at deadlines later than those now set, specifically the fact that low income people in the metropolitan area have tended to be disadvantaged by the schedule of dates for applications and this ought to be changed. We are convinced that the current deadlines tend to disadvantage some of the low income students that merit access to the program. But above all, we should try to make clear that the most urgent need for low income students in the state is scholarship and grant-in-aid funds. I wish to emphasize there is a relatively greater availability of loan funds and the urgent need is for scholarship and grant-in-aid funds. As you know, we support our student aid program at the University by combining grant or scholarship awards with loans and work-study opportunities. Our students have extended their self-help support through work to the extent that work is available. On that point, I would like to give a couple of figures of how we rate in the research. For the past three years, at least 80 percent of student aid resources at the University of Minnesota and all of its campuses have been in the form of self-help. It isn't a matter of dishing out indiscriminately large amounts of grant-in-aid funds. Eighty percent is now self-help alone. Of seven institutions who reported figures, the University of Minnesota's undergraduate students, when compared with other Big Ten schools, is highest in total employment earnings. The point I am trying to make in emphasizing the need for scholarship and grants-in-aid is not that we have students who are unwilling to work. They are working harder and making more and putting in more hours on the average than students at other Big Ten universities. We do have situations that can only be met by scholarship and grant-in-aid programs. This is our most desperate need. Students do assume an increasing debt burden to obtain their education. Those with very low incomes need some help through grants-in-aid particularly as they enter the University. As all the Regents know, there is a big difference as they progress through. They need the greatest help in that first year. I guess the only other comment, Mr. Chairman, is that students now

making plans for the next school year can do so in confidence that the Board of Regents, whatever its resources in the biennium ahead, will give high priority to the needs of this area. I, again, am not really speaking to the Board of Regents but in a way for the Board of Regents to summarize publicly what our position is as I understand it."

Regent Gainey remarked that it should be remembered that the second, third and fourth-year students sometimes have fewer scholarships and grants available than first-year students and that consideration should be given to low income rural students as well as students from the urban areas. Rick MacPherson, President of Minnesota Student Association, viewed this commitment on the part of the Board of Regents very favorably and said he knew that the student body would be pleased by this statement of support.

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

1. *Construction Contract Awards*

The Vice President for Finance, Planning and Operations reports for the information of the Committee that low bids have been accepted and contracts awarded for the following projects:

- A. Fifth floor addition, and first floor kitchen remodeling, Student Health Service building, Minneapolis;
- B. Structural steel, Unit A, Health Sciences Expansion, Minneapolis.

2. *Purchase of Properties*

The Vice President for Finance, Planning and Operations reports for the information of the Committee that the following properties have been acquired by negotiated purchase:

- A. George and Lillian Schoberg property, 113-115 Twentieth Avenue South, Minneapolis (West Bank);
- B. Lionel F. Johnson property, 1916 South Second Street, Minneapolis (West Bank).

3. *Condemnation of Properties*

The Vice President for Finance, Planning and Operations reports for the information of the Committee that certain properties have been acquired by condemnation at the University of Minnesota-Duluth Campus.

4. *College Housing Applications*

- A. University of Minnesota, Duluth
- B. Council for Student Co-operative Development, Inc., Minneapolis
- C. Como Housing

5. *Appointment of Environmental Engineer*

Regent Rauenhorst abstained from voting on the three housing resolutions. The Board voted to approve the report.

Regent Howard reported that the Educational Policies Committee had not held a regular meeting.

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 also reported that since the last meeting the Investment Committee had approved a uniform reporting system which will match the results of the University's operations with those of the State Investment Board. In addition, the Investment Committee has been screening and interviewing a number of portfolio managers. He reported the committee expected to have a definite decision to announce at the May Regents' meeting.

MINNESOTA STUDENT ASSOCIATION

At this point, Vice President Cashman introduced the President-elect, Jack Baker, and the Vice President-elect, David Truax, of the Minnesota Student Association. Mr. Baker said that he will work for a better relationship and communications between the students and the Regents.

SINGLE QUARTER LEAVES

On the recommendation of the All-University Single Quarter Leave Committee, the Vice President, Academic Administration, and the President, the Board voted unanimously to approve the following Single Quarter Leaves:

College of Agriculture

Paul B. Addis, Associate Professor, Food Science and Industries, Spring 1972 (Leave, June, 1967 through November, 1967). Research with the muscle research group at the Department of Animal Science, University of California.

Bill W. Kennedy, Associate Professor, Plant Pathology, Summer 1971 (Leave, 1967). Research in the field of bacterial epiphytes.

College of Biological Sciences

Alan B. Hooper, Associate Professor, Genetics and Cell Biology, Fall 1971. Study cytochromes and metabolism of inorganic nitrogen of Nitrosomonas and study of microsomal electron transport systems in Eucaryotes.

College of Education

Clifford P. Hooker, Professor, Educational Administration, Winter 1972. Analyze data on the amount of tax money which is flowing to private schools

in every state of the nation⁴ to locate programs of greatest support and states with most generous grants to such programs.

General Extension Division

Arnold W. Walker, Assistant Professor, Radio and Television, Fall 1971 (Leave, August, 1962 to August, 1963). Study radio and television production techniques, distribution systems and coordinating methods of the Open University of England.

General College

Frank T. Benson, Professor and Assistant Dean, Spring 1972 (1967-1968). Study general education.

Niles H. Jefferson, Assistant Professor, Math. and Nat. Science, Fall 1971. Research on the biology of *Trypanosoma chrysemidis* Roudabush and Coatney.

Law School

Stanley V. Kinyon, Professor, Winter 1972 (SQL, 1964). Completion of materials for New, Transactional and Functional Approach to, and Method of Teaching, the Law of Commercial Paper and Banking.

Ferdinand P. Schoettle, Associate Professor, Spring 1972 (SQL). Study of Real Property Tax Reform Project: Proof of Assessment Ratio.

College of Liberal Arts

F. Ronald P. Akehurst, Associate Professor, French and Italian, Fall 1971. A Systematic Study of the Poetic Universe of Troubadours and Trouvères.

Francis M. Boddy, Professor, Associate Dean, Economics/Graduate School, Winter 1971-1972 (Sabbatical 1948-49). Study restructuring and reorganization of Universities in Latin America.

Dwight A. Brown, Assistant Professor, Geography, Fall 1971. Production and analysis of a series of maps of wind energy patterns in the United States.

Anwar G. Chejne, Professor, Chairman, Middle Eastern Languages, Spring 1972 (SFL, 1969). Classify and evaluate Aljamiado literature.

René V. Dawis, Professor, Psychology, Winter 1972. Further development of the Theory of Work Adjustment.

Robert B. Eystone, Assistant Professor, Political Science, Winter 1972 (SFL, 1970). A longitudinal study of policy change.

Paul Fetler, Professor, Music, Spring 1972 (Sabbatical, 1961-62; SFL, 1968). Creative work in musical composition: A major work for symphony orchestra. Study contemporary music trends in Japan.

Donald M. Gillmor, Professor, School of Journalism, Fall 1971. Study to synthesize a vast amount of literature from such fields as sociology, economics, anthropology and psychology as well as literature of mass communication.

Stephen F. Gudeman, Assistant Professor, Anthropology, Spring 1972. Analyze and describe the social structure of a Panamanian peasant community.

Robert B. Kvavik, Assistant Professor, Political Science, Spring 1972. Study the Danish Interest Group System: Patterns of Development.

Robert P. Sonkowsky, Professor, Chairman, Classics, Spring 1972 (SFL, 1965). To do further study in the history of Rhetoric.

Cecil Wood, Professor, German, Spring 1972. Write Primer of Style and An Introduction to Philology and develop system of programmed German.

Medical School

Arnold Lazarow, Professor and Head, Anatomy, Winter 1972. Apply the advanced methodology and techniques available to the problem of characterizing the specific glucose transport site in the pancreatic islets.

Institute of Technology

George J. Schroepfer, Professor, Civil and Mineral Engineering, Fall 1971 (SQL, 1966). Study economic planning and design of water pollution control projects in developing countries.

Duluth Campus

George E. Ahlgren, Assistant Professor, Biology, Fall 1971. (SFL, Summer 1970). Study wild rice, its culture and physiology, with emphasis on development-temperature relationships.

Walter L. Baeumler, Professor, Sociology-Anthropology, Spring 1972. Study the emergence of a racial minority in Germany.

College of Agriculture

John Strait, Professor, Agricultural Engineering, Spring 1971. Study research and instructional programs and career opportunities in Agricultural Engineering.

PERSONNEL ITEMS

The Board voted to approve the following personnel actions:

Promotions and Transfers

Mellor R. Holland from Professor and Assistant Dean School of Dentistry at \$30,600 Term A to Professor and Associate Dean for the School of Dentistry without change in salary rate or term beginning May 1, 1971

Theodore E. Kellogg from Director of Admissions and Records and Professor of Education at \$23,200 Term A for 1970-71 to Vice Provost for Student Affairs and Professor Psychology Student Personnel Services Duluth at the rate of \$27,000 Term A beginning July 1, 1971

Eloise M. Jaeger from Professor and Chairman Physical Education for Women and Acting Director School of Physical Education at \$25,000 Term A to Director of School of Physical Education and Professor and Chairman Physical Education for Women at the rate of \$26,000 Term A beginning May 1, 1971

Virginia M. Fredricks from Associate Professor Speech Communication and Theatre Arts at \$11,600 Term B for 1970-71 to Associate Dean for

Humanities and Fine Arts and Associate Professor of Theatre Arts Administration College of Liberal Arts at the rate of \$17,000 Term A beginning July 1, 1971

Appointments

James Don Edwards as Dean of the School of Business Administration, Dean of the Graduate School of Business Administration and Professor of Accounting Administration beginning August 1, 1971 at the rate of \$35,000 Term A

William C. Musselman as Head Basketball Coach and Adjunct Assistant Professor Intercollegiate Athletics March 1 to June 30, 1971 at the rate of \$18,000 Term A; annual appointment, tenure not applicable

Maurice L. Ray as Instructor and Basketball Coach Division of Education and Psychology (Physical Education) Duluth for 1971-72 at \$12,000 Term B

Robert A. Reid as Senior Engineer Physical Plant April 16 to June 30, 1971 at the rate of \$11,856 Term A (Mr. Reid was hired as an environmental engineer in Physical Plant Maintenance and Operations to pay specific attention to solving the University's pollution-related problem.)

RESOLUTIONS

The Board voted unanimously to approve the following Resolution:

The Vice President for Coordinate Campuses and Educational Relationships, the Vice President for Finance, Planning and Operations, and the President recommend the acceptance of a gift of stock from Mrs. Elsie L. Fesler in memory of her late husband John K. Fesler with the understanding that the above stock will be redeemed by the Fesler family within five years and that the proceeds from such redemption will be established as an endowment, the income of which will be used to support The John K. Fesler Memorial Publication Fund.

The Board voted unanimously to approve the following Resolution:

The Vice President for Finance, Planning and Operations, the Vice President for Coordinate Campuses and Educational Relationships, and the President recommend the acceptance of a gift of \$50,000 from the estate of Mr. Carroll S. Geddes to establish the Carroll S. Geddes Endowment Fund with the income from the investment of this bequest to be credited to The Henry L. Williams Memorial Fund with the understanding that if, by reason of the regulations of the athletic conference of which the University of Minnesota is a member, The Henry L. Williams Memorial Fund is discontinued, this bequest shall inure to the benefit of any similar fund maintained by the University to which any residue of The Henry L. Williams Memorial Fund shall be transferred.

CURRICULUM PROPOSALS

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

- a. A Pilot Program for Administrator Development in The Graduate School
- b. Two-year Agricultural-Journalism and Broadcasting Program at the the University of Minnesota Technical College at Crookston

REGENT HOWARD FAREWELL

President Moos called attention to the fact that Regent Marjorie J. Howard was retiring from the Board of Regents and that this was her last meeting as a member on the Board. He said that she has been an excellent Regent, has developed a deep understanding of the problems of higher education, and he hoped that she would be available to offer the University advice and counsel in the days ahead. In response, Regent Howard made the following statement:

"Thank you very much, Mr. President. You know you can. You can't divorce yourself from an institution such as this by one move such as my decision not to seek a term. Any place where I can be of service, I will be grateful to be asked. I have spent 18 very important years on this Board. It has been a great privilege to serve on this Board. I don't imagine there have been 18 more significant years in the field of higher education as far as the country is concerned. More people are asking questions about what is higher education, where is it going, what kind of a job are those of us involved doing, all to the good. Sometimes the questions they ask us are embarrassing, but to have had the opportunity to work with an institution that is looking for the right answers is what I think has made it a satisfying opportunity."

Voted to adjourn at 11:30 a.m.

DONALD K. SMITH, Acting Secretary