

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

MINUTES

December 10, 1971

A meeting of the Board of Regents was held on Friday, December 10, 1971, at 10:30 a.m. in the Fireplace Room, McNeal Hall, St. Paul Campus.

Regents present: Regent Andersen, presiding; Regents Brink, Cina, Gainey, Huffington, Hughes, Johnson, Malkerson, Rauenhorst, Sherburne, Thrane, Yngve, and President Moos.

Staff present: Vice Presidents Brinkerhoff, Cashman, Shepherd, and Wenberg; Messrs. Briggs, Carlson, Darland, Eidenberg, Frederick, Imholte, Kegler, Lofquist, Lukermann, Odegard, Peacock, Sahlstrom, Scribner, and Tierney; Mrs. Pirsig and Miss Schlemmer.

APPROVAL OF MINUTES

Voted to approve the minutes of the following meetings:

Drafts of Minutes:

- Budget, Audit and Legislative Relationships Committee—November 11, 1971
- Investment, Insurance and Retirement Committee—November 11, 1971
- Contracts, Gifts and Grants Committee—November 11, 1971
- Health Sciences Committee—November 11, 1971
- Public Affairs Committee—November 11, 1971
- Physical Plant Committee—November 11, 1971
- Educational Policy and Long-Range Planning Committee—November 11, 1971
- Faculty, Staff and Student Affairs Committee—November 12, 1971
- Board of Regents' Meeting—November 12, 1971

PERSONNEL ACTIONS

Voted to approve the following personnel actions:

Terminations

Donald K McInnes Assistant Vice President Physical Planning and Development effective November 12, 1971

Ronald M Brown Professor Rhetoric effective November 1, 1971
James H Matthews Professor Anesthesiology effective October 6, 1971
plus one month death payment allowance
Robert F Roy Associate Professor Geology and Geophysics effective
September 15, 1971
Ernest M Gold Associate Professor Medicine effective November 15,
1971
Douglas L Elliott Senior Systems Analyst University of Minnesota
Hospitals effective October 15, 1971

Appointments

Theodore S Currier as Visiting Professor Afro-American Studies Hill
Family Foundation Funds for the spring quarter of 1971-72 at \$10,000
Term CT (\$30,000 B rate)

Ranier W Schickele as Visiting Professor Agricultural and Applied
Economics January 3 to June 30, 1972 at the rate of \$20,000 Term AT

Jan Smedslund as Visiting Professor Institute of Child Development
December 16, 1971 to June 15, 1972 at the rate of \$23,952 Term BT

Evelyn N Deno as Professor Special Education Research Funds for
1971-72 at \$10,500 Term BHT50 (\$21,000 B rate)

Special Appointment

Hide Shohara from Visiting Professor East Asian Languages at
\$10,500 Term BHT75 (\$14,000 B rate) for 1970-71 to Adjunct Professor
without salary September 16, 1971 to June 15, 1972 (77 years of age)

Promotions and Transfers

Dale K Sorensen Professor and Head Veterinary Medicine at \$26,700
Term A to serve in addition as Acting Dean College of Veterinary Sciences
at the rate of \$2,500 Term AT administrative supplement January 1 to
June 30, 1972

Murray A Warmath from Head Football Coach and Professor Inter-
collegiate Athletics at \$28,300 Term A to Assistant Director Intercollegiate
Athletics Special Projects and Professor without change in salary rate or
term beginning December 6, 1971

John E Turner Professor Political Science at \$25,300 Term B to serve
as Director of the International Studies Association for 50% of time without
change in salary rate or term for 1971-72

Rudolfo O Floripe Professor Spanish and Portuguese at \$17,700 Term
B to serve as Professor and Acting Chairman without change in salary
rate or term for 1971-72

Ernest H Henrikson Professor Communication Disorders at \$20,400
Term A to serve in addition as Professor Otolaryngology without salary
September 1, 1971 to June 30, 1972

Samuel H Popper Professor Educational Administration at \$18,500
Term B to serve as Professor Center for Urban and Regional Affairs for
25% of time without change in salary rate or term for 1971-72

David H Smith from Associate Professor Speech-Communication at
\$13,550 Term B to Associate Professor and Associate Chairman without
change in salary rate or term beginning September 16, 1971

Fredric N Bailey Associate Professor Electrical Engineering at \$15,700

Term B to serve as Associate Professor Political Science for 50% of time without change in salary rate or term for the fall quarter of 1971-72

Roger S Jones Associate Professor School of Physics and Astronomy at \$14,200 Term B to serve as Associate Professor Experiment #1 University College without change in salary rate or term for 1971-72

Donald F Gleason from Associate Professor Pathology Affiliated Hospitals Program at \$2,400 Term AHT13 (\$18,000 A rate) to Associate Professor Pathology with salary paid directly by Veterans Administration Hospital September 16, 1971 to June 30, 1972

Ivan J Fahs from Clinical Associate Professor Ophthalmology at \$1,491 Term CHT75 (\$23,850 A rate) October 1-31, 1971 to Clinical Associate Professor Laboratory Medicine without salary November 1, 1971 to June 30, 1972

John W Rosevear from Associate Professor Laboratory Medicine at \$22,000 Term AT to Clinical Associate Professor without salary November 1, 1971 to June 30, 1972

Hugh G S Peacock from Professor and Director Physical Planning and Design at \$27,000 Term A to Assistant Vice President Physical Planning and Professor School of Architecture and Landscape Architecture at the rate of \$30,000 Term A beginning December 16, 1971

Sherman E Nelson from Clinical Assistant Professor Psychiatry at \$2,703 Term AHT17 (\$15,900 A rate) to Clinical Associate Professor Psychiatry and Psychology without change in salary rate or term for 1971-72

Cory H Kruckenberg from Clinical Associate Professor School of Dentistry at \$2,754 Term BH30 (\$9,180 B rate) to Clinical Associate Professor and Associate Director of Oral Anatomy at \$9,000 Term BH60 (\$15,000 B rate) for 1971-72

Frederick W Noble from Clinical Associate Professor School of Dentistry at \$1,836 Term BH20 (\$9,180 B rate) to Clinical Associate Professor and Associate Director of Oral Anatomy at \$4,500 Term BH30 (\$15,000 B rate) for 1971-72

Don A Morgan Associate Professor Educational Administration and Foundations of Education at \$16,100 Term B to serve in addition as Director of Living Learning Center University College without change in salary rate or term October 16, 1971 to June 15, 1972

Stanley L Deno from Visiting Professor Special Education at \$15,500 Term BT for 1970-71 to Associate Professor Psycho-Educational Center and Special Education at the rate of \$16,000 Term B September 16, 1971 to June 15, 1974; this appointment is subject to a special contract calling for a decision on or before April 15, 1973 with respect to continuing this appointment beyond the initial three year term

Patrick J Bird Associate Professor Physical Education for Men at \$13,500 Term B to continue to receive \$800 augmentation for 1971-72

Donald K Harriss from Associate Professor Division of Science and Mathematics Duluth at \$14,300 Term B to Associate Professor and Director of Supportive Services Program without change in salary rate or term beginning September 16, 1971

Alice I Goacher Associate Professor Evening and Special Classes at \$10,550 Term B to serve as Associate Professor School of Home Economics for 33% of time without change in salary rate or term for the fall and spring quarters of 1971-72

Rosalyn A Rubin from Research Associate and Lecturer Special Education at the rate of \$15,500 Term BT May 1 to June 15, 1971 to Research Associate and Associate Professor at \$16,000 Term BT for 1971-72

Frank W Worms from Clinical Associate Professor School of Dentistry at \$8,250 Term BHT60 (\$13,750 B rate) to Clinical Associate Professor and Co-ordinator of Orthodontic Clinics at \$14,400 Term BHT60 (\$24,000 B rate) for 1971-72

Millard L Gieske from Assistant Professor Political Science and Assistant Dean Graduate School at \$14,280 Term AP to Associate Director of Programs Office of International Programs and Assistant Professor Political Science at the rate of \$15,500 Term AP beginning November 1, 1971

Michael J Allmann from Senior Computer Programmer Trainee Data Processing Center at \$11,400 Term A to Senior Computer Programmer at the rate of \$11,856 Term A October 16, 1971 to June 30, 1972

Gerald M Fox from Senior Systems Analyst Data Processing Center at \$12,828 Term A to Principal Systems Analyst at the rate of \$13,872 Term A November 1, 1971 to June 30, 1972

Robert D Jader from Senior Computer Programmer Trainee Data Processing Center at \$11,400 Term A to Senior Computer Programmer at the rate of \$11,856 Term A November 1, 1971 to June 30, 1972

Jacob U Jangula from Senior Computer Programmer Trainee Data Processing Center at \$11,400 Term A to Senior Computer Programmer at the rate of \$11,856 Term A October 16, 1971 to June 30, 1972

James D Condie from Assistant Professor Educational Psychology and Director of Housing Office at \$19,000 Term A to Director Housing and Assistant Professor Educational Psychology without change in salary rate or term for 1971-72

Samuel R Lewis from Assistant Director Office of Student Financial Aid at \$14,424 Term A to Director Student Financial Aid at the rate of \$17,000 Term A September 16, 1971 to June 30, 1972

Vern L Ausen from Director Space Allocation and Scheduling University Planning Office at \$17,544 Term A to Executive Assistant Physical Planning and Development without change in salary rate or term September 16, 1971 to June 30, 1972

Lynn S Hickman from Computer Programmer Health Computer Sciences at \$10,128 Term AT to Senior Computer Programmer at the rate of \$11,856 Term AT August 1, 1971 to June 30, 1972

Salary Adjustments

Lee R Martin Professor Agricultural and Applied Economics from \$21,294 Term AH91 (\$23,400 A rate) to the rate of \$23,400 Term A beginning July 1, 1971

Marian O Bagley Associate Professor College of Home Economics from \$6,000 Term BH50 (\$12,000 B rate) to \$6,000 Term CH75 (\$12,000 B rate) September 16, 1971 to March 15, 1972

Peter Mevert Visiting Associate Professor School of Business Administration from \$5,500 Term C (\$16,500 B rate) March 16 to June 15, 1971 to \$18,000 Term B for 1971-72

Vicente B Tuason Associate Professor Psychiatry from without salary to the rate of \$27,500 Term AT October 11, 1971 to June 30, 1972

James Boen Associate Professor Biometry School of Public Health from \$16,092 Term BT for 1970-71 to \$16,736 Term BT for 1971-72

Emanuel M Stadlan Associate Professor Neurology Hennepin County General Hospital from \$21,000 Term AT to \$25,062 Term AT for 1971-72
Jon T Nelson Senior Systems Analyst Data Processing Division from \$11,856 Term A to the rate of \$12,336 Term A October 14, 1971 to June 30, 1972

Leaves of Absence

Donald K Smith Vice President, Administration and Professor of Speech-Communication sabbatical furlough August 1, 1971 to July 31, 1972 to be interrupted February 1, 1972 to January 31, 1974 for leave of absence without salary to serve as Deputy Administrator and Resident Director of the MUCIA-AID Indonesian Higher Agricultural Educational Project

Anne L Wirt Executive Assistant to the Vice President Office of the Vice President Academic Administration leave with salary beginning November 11, 1971 on account of illness

Oswald Brownlee Professor Economics sabbatical furlough for 1972-73 to pursue study and investigate undergraduate teaching with time to be spent at Colgate University and Spain

Irving I Gottesman Professor Psychology sabbatical furlough for 1972-73 to serve as a Visiting Research Scientist at the Psykologisk Institut, Kommunehospitalet, Copenhagen and at Aarhus University in Jutland

C J Waddington Professor School of Physics and Astronomy sabbatical furlough for 1972-73 to improve understanding and knowledge of physics and astrophysics with time to be spent at Imperial College, London, England

Lee R Martin Professor Agricultural and Applied Economics 9% time leave without salary for 1971-72 for personal reasons

Murray D Rosenberg Professor Genetics and Cell Biology leave with salary to be provided through a contractual agreement with the National Science Foundation November 1, 1971 to June 15, 1972 to serve as a University-based rotating associate program director to assist in the development of a new National Science Foundation program for support of research on the molecular and cellular biology of human cells

COMMITTEE REPORTS

The Chairman of the Board presented the recommendations of the Executive Committee:

- (a) Report of the Vice President for Finance, Planning and Operations and reports on requisitions, journal vouchers, and transfers of funds.
- (b) Report of the Assistant Vice President for Administration including personnel actions for non-tenured academic staff and civil service staff in classifications where the minimum salary rate is less than \$13,080 in the following categories: retirements, terminations, appointments, special appointments, promotions and transfers, salary adjustments, leaves of absence, and the recommendations of the Civil Service Committee.

(c) Personnel items as follows:

Appointment of Professor Dale Sorenson as Acting Dean of the College of Veterinary Medicine, effective January 1, 1972, at a salary of \$29,200.

Reassignment of duties for Marsh Ryman. He will remain on the regular payroll at his current salary, \$28,500, through June 30, 1974. The period July 1, 1972 through June 30, 1973 is a leave of absence with full pay. On July 1, 1973, two options are made available to Mr. Ryman: early retirement or a continuation of University of Minnesota service with a re-negotiation of salary.

Reassignment of duties for Murray Warmath. He will remain on the regular payroll at his present salary, \$28,300 through June 30, 1974. The period July 1, 1972 through June 30, 1974 represents a period of service as Assistant Director, Intercollegiate Athletics, for Special Projects. On July 1, 1974 two options are made available to Mr. Warmath: early retirement, or a re-negotiation of contract under his professor tenureship, involving duties within the University.

(d) Resolution:

"The Regents of the University of Minnesota wish to express sympathy to the family of Rufus R. Rand who served as a member of the Board of Regents of the University during the distressing period in University history from 1931 to 1937.

"During his lifetime Mr. Rand distinguished himself in business and civic affairs as well as in the service of his country during World War I and World War II."

President Moos reported for information that Vice President Donald K. Smith will serve as Deputy Director of MUCIA in Indonesia with the Indonesian Higher Agricultural Educational Project. Dr. Smith will be on leave from the University for two years beginning February 1, 1972.

President Moos announced that Paul Giel had requested his name be withdrawn as a nomination for University Athletic Director.

A motion was made to approve the recommendations of the Executive Committee. The motion was seconded and unanimously passed.

Regent Sherburne, Chairman of the Educational Policy and Long-Range Planning Committee, advised the Board that the Budget, Audit and Legislative Relationships Committee and his committee had held a joint meeting to discuss the retrenchment and reallocation proposals for the 1972-73 budget. There was no action taken at this meeting.

Regent Brink, Chairman of the Contracts, Gifts and Grants Committee, presented the recommendations of the committee, as follows:

(a) Acceptance of Gifts, as follows:

GIFTS

Scholarships, Fellowships, Prizes and Awards

Donor Children's Hospital Incorporated
Amount \$45,229.03
Fund St. Paul Children's Hospital—Pediatrics

Donor Standard Oil (Indiana) Foundation
Amount \$8,000.00
Funds Standard Oil Foundation Undergraduate Teaching Awards
(\$6,000) President's Service Fund (\$2,000)

Donor American Oil Foundation
Amount \$5,500.00
Fund American Oil Company Chemical Engineering Fellowship

Donor University of Minnesota Foundation
Amount \$5,000.00
Fund Eileen Bigelow Music Fund

Miscellaneous

Donor Estate of Einer H. Elfstrom
Amount \$8,773.01
Fund Variety Heart Hospital Equipment Fund

GIFTS, GRANTS, AWARDS, etc.,—November 1971
Under \$5000 each

	Number	Amount
For scholarships, fellowships, etc.	43	\$ 4,925.00
For scholarships, fellowships, etc. UMD	30	9,038.00
For research—medical	36	2,505.00
For research—other	2	200.00
For awards, honors, etc.	28	17,058.00
For unrestricted use	1	1,000.00
		\$34,726.00
From Gift Records Office	292	\$13,527.00
Alumni Fund—November	465	13,150.00
Totals	897	\$61,403.00

(b) Approval of Contracts and Grants Awards, as follows:

CONTRACTS AND GRANTS

U.S. Army

DAHC 20-70-C-0348, Modification No. P-201.4, "University Extension Civil Defense Program," awarding funds in the amount of \$103,000.00 for the period April 1, 1970 through September 30, 1972, under the direction of Col. Robert J. Elliott, Civil Defense Office.

U.S. Department of the Interior, Bureau of Mines

H0101778, Modification No. II, "The Mechanics of Coal Mine Bumps and the Interaction Between Coal Pillars Mine Roof and Floor," awarding

funds in the amount of \$126,134.00 for the period June 30, 1970 through August 31, 1972, under the direction of Professor Charles Fairhurst, Department of Civil and Mineral Engineering.

National Aeronautics and Space Administration

NAS 5-11310, Modification No. 5, "HELIOS-A. C. Electric Fields in Interplanetary Space," awarding funds in the amount of \$185,000.00 for the period June 29, 1970 through March 31, 1972, under the direction of Professor Paul J. Kellogg, Department of Physics.

NGR 24-005-253, "Particle and Field Studies of the Magnetosphere," awarding funds in the amount of \$130,000.00 for the period July 1, 1971 through August 31, 1972, under the direction of Professor Laurence J. Cahill, Jr., Director, Space Science Center.

U.S. Public Health Service

2 P02-CA-08832-06, Renewal, "Study of Advanced Malignant Diseases," awarding funds in the amount of \$264,000.00 for the period October 1, 1971 through September 30, 1972, under the direction of Dr. B. J. Kennedy, Department of Medicine.

5 R01-MH15521-04, "Problem Solving Behavior of Family Groups," awarding funds in the amount of \$204,480.00 for the period September 1, 1971 through August 31, 1972, under the direction of Professor Reuben Hill, Department of Sociology.

Social and Rehabilitation Service

16-P-56810/5-11, "Rehabilitation Research and Training Center Grant," awarding funds in the amount of \$1,300,000.00 for the period October 1, 1971 through September 30, 1972, under the direction of Dr. Frederic Kottke, Department of Physical Medicine and Rehabilitation.

(c) Approval of Applications for Contracts and Grants, as follows:

APPLICATIONS FOR CONTRACTS AND GRANTS

National Science Foundation	\$945,506.00
Dr. James J. Jenkins, Psychology	
Dr. Russell Burris, Psychology	
Renewal, Center for Research in Human Learning, 5 years	
National Aeronautics and Space Administration	825,266.00
Professor C. J. Waddington, Physics and Astronomy	
NAS-8-26845, Cerenkov Portion of the Heavy Nuclei Experiment on HEAO-A, 5 years	
National Endowment for the Humanities	403,477.00
Professor Carl Sheppard, Art History	
Research and Development in the Teaching of Art History, 3 years	
U.S. Public Health Service	378,108.00
Walter O. Lundberg, The Hormel Institute	
5-P01-HE-08214, Chemical and Biological Properties of Lipids, 1 year	
U.S. Office of Education	331,281.00
Professor Charles R. Bruning, Clinical Experiences	
Help Communities Help Themselves Drug Education Program, 1 year	

U.S. Atomic Energy Commission	300,650.00
Professor Stephen Gasiorowicz, Physics	
Professor Hans W. J. Courant, Physics	
AT(11-1)1265, Continuation, High Energy Physics, 1 year	
National Science Foundation	263,026.00
Professor H. M. Tsuchiya, Chemical Engineering	
Microbial Production of Nitrogenase, 2 years	
U.S. Public Health Service	239,103.00
Dr. Jack W. Miller, Pharmacology	
5-T01-GM-1117, Pharmacology and Toxicology, 1 year	
U.S. Public Health Service	230,041.00
Dr. Jack W. Miller, Pharmacology	
Continuation of 5-T01-GM-01117-10, Pharmacology and	
Toxicology, 1 year	
U.S. Public Health Service	193,325.00
Dr. William Hausman, Psychiatry	
Continuation of 5-T01-MH-05042-26, Psychiatry—Basic	
Residency, 1 year	
Corporation for Public Broadcasting	177,948.00
Professor Betty T. Girling, Radio and Television	
An Instructional Radio Production Center, 14 months	
U.S. Public Health Service	176,541.00
Dr. John S. Najarian, Surgery	
Continuation of 5-T01-GM-01520-07, Training for Aca-	
demic Surgeons, 1 year	
U.S. Department of Agriculture	159,498.00
Professor I. J. Pflug, Environmental Health	
System for Nutrition Education and Nutrition Inventory,	
2 years	
U.S. Public Health Service	138,049.00
Professor Marian D. Hall, Psychology	
Continuation of 5-T01-MH-06669-15, Training Grant in	
School Psychology, 1 year	
U.S. Office of Education	135,200.00
Professor Jerome Moss, Jr., Education	
Continuation of OEG-0-70-1947, Graduate Fellowship	
Program for Vocational Education Leadership De-	
velopment, 14 months	
U.S. Public Health Service	133,344.00
Dean Lee D. Stauffer, School of Public Health	
Continuation, 2-A04-00007, Special Purpose Traineeships	
in Public Health, 1 year	
National Science Foundation	131,970.00
Professor Robert F. Lambert, Electrical Engineering	
Professor John P. Moran, Electrical Engineering	
Prediction and Measurement of Sound Propagation in	
Lined Flow Ducts, 13 months	
U.S. Public Health Service	114,224.00
Dr. Arnold Lazarow, Anatomy	
Continuation of 5-T01-GM-00114-15, Anatomical Sciences	
Training, 1 year	

U.S. Public Health Service	113,594.00
Professor John H. Flavell, Institute of Child Development Continuation of 5-T01-MH-06668-15, Child Psychology: Doctoral Training Program, 1 year	
U.S. Public Health Service	112,747.00
Dr. Robert C. Kiste, Anthropology Renewal, T01-GM-01164, Behavioral Science Training Pro- gram in Anthropology, 1 year	
National Science Foundation	111,345.00
Professor P. H. Li, Horticultural Science Control of Cold Acclimation and Deacclimation in Higher Plants at the Level of Translation, 5 years	
The Bush Foundation	107,773.00
Professor Ferdinand P. Schoettle, Law School Empirical Study of Real Property Tax Administration, 3 years	
U.S. Public Health Service	107,437.00
Dr. Ellis S. Benson, Laboratory Medicine Continuation of 5-T01-GM-01312-08, Clinical Pathology Training Grant, 1 year	
U.S. Public Health Service	104,120.00
Dr. Louis Tobian, Medicine Continuation of 5-R01-HE-02008-18, Pathogenesis of Ar- terial Hypertension, 1 year	
U.S. Public Health Service	100,799.00
Dr. Ralph E. Comstock, Genetics Continuation, 5-T01-GM-01156-09, Genetics Training Grant, 1 year	

(d) Approval of the following resolution:

"Be it resolved, to implement the action of the Board of Regents on July 9, 1971, establishing the Office of Sponsored Research, signatory authority is granted to the Director of the Office of Sponsored Programs to submit proposals for and accept research, development, service and training contracts and grants not exceeding one hundred thousand dollars."

A motion was made and seconded to approve the recommendations of the Contracts, Gifts and Grants Committee. The motion was unanimously approved.

Committee minutes filed supplement to the minutes, page 20,870.

Regent Cina, Chairman of the Faculty, Staff and Student Affairs Committee, presented the following recommendations to the Board:

(a) Resolution

"Be it resolved that the Faculty, Staff and Student Affairs Committee recommend approval by the Board of Regents of the following sixteen (16) students as representatives to Regents' Committees from the four University of Minnesota Coordinate Campuses and the Twin Cities

Campus on the eight designated Committees of the Board of Regents in accordance with action taken by the Board at its meeting held on November 12, 1971:

Budget, Audit and Legislative Relationships

Harold Olson—Crookston

Richard Kolu—Duluth

Contracts, Gifts and Grants

Michael Dean—Duluth

Peter Cannon—Morris

Educational Policy and Long-Range Planning

Terry Gerba—Duluth

Carol Dillon—Morris

Faculty, Staff and Student Affairs

Michael Derosier—Morris

Mary Ebert—Twin Cities

Health Sciences

Cindy Baker—Morris

Patricia Knight—Twin Cities

Investment, Insurance and Retirement

Manuel Guzman—Twin Cities

Curt Watson—Waseca

Physical Plant

Jerome Jansen—Crookston

Neil Donat—Twin Cities

Public Affairs

Ruth Magnuson—Duluth

Karen Merrick—Waseca

- (b) Approve personnel actions including terminations, appointments, special appointments, promotions and transfers, salary adjustments, and leaves of absence;
- (c) Approve noncampus service requests, as follows:

NONCAMPUS SERVICE REQUESTS

Institute of Agriculture

John S. Hoyt, Jr., Professor, Agricultural and Applied Economics—Consultant services for Higher Education Coordinating Commission. From October 1971 to April 1972. Estimated time involved: 1.0 days per month on campus, and 2.5 days per month (evenings and weekends) off campus.

Institute of Technology

Howard I. Epstein, Assistant Professor, Civil and Mineral Engineering—Consultant services for Makens Fabricating Company. From November 1971 to completion (a few months). Estimated time involved: one day per week maximum, on campus.

Health Sciences

Richard G. Bond, Professor, Division of Environmental Health—Consultant services for State Planning Agency, State of Minnesota. From November 15, 1971 to May 15, 1972. Estimated time involved: estimated two days per month on campus, and estimated 1 day per month off campus in St. Paul.

- Gordon T. Heistad, Professor, Psychiatry (Drug Information and Education Program)—Consultant services for White House Special Action Program for Drug Abuse Prevention. From September 1, 1971 to June 30, 1972. Estimated time involved: approximately 2-3 days per month off campus.
- Gordon T. Heistad, Professor, Drug Information and Education Program—Consultant services for Special Action Office for Drug Abuse Prevention, Office of the President. From October 1, 1971 to June 30, 1972. Estimated time involved: one-half day per week on campus, and 2 days per week off campus.
- George S. Michaelsen, Director, Environmental Health and Safety, University Health Services—Consultant services for NuAire, Inc. From November 15, 1971 to undetermined. Estimated time involved: 1 day per month off campus.

Office for Student Affairs

- Anne Thorsen Truax, Director and Instructor, Women's Center—Consultant services for National Association of Women's Deans and Counselors. From September 1971 to June 1972. Estimated time involved: one-half day per month off campus.
- Anne Thorsen Truax, Director and Instructor, Women's Center—Consultant services for American Association of University Professors. From 1971 to 1974. Estimated time involved: one day per month off campus.

University of Minnesota, Crookston

- Ted D. Carr, Chairman, Business Division, Business Office—Consultant services for Tri-Valley Opportunity Council. From October 1, 1971 to December 1, 1971. Estimated time involved: 3 days per month off campus.
- Charles Habstritt, Jr., Assistant Professor, Agriculture—Consultant services for Minnesota Water Resources Board. From July 1, 1971 to June 30, 1972. Estimated time involved: three days on campus and 2-3 days off campus.
- David E. Larrabee, Sr., Assistant Professor, Curriculum Coordinator, Academic Affairs—Consultant services for Tri-Valley Opportunity Council. From October 1, 1971 to October 1, 1972. Estimated time involved: evenings, holidays and weekends, equivalent to five days off campus.
- David A. Stoppel, Associate Professor, General Education Division—Consultant services for Occupational Training Center. From December 1971, continuous. Estimated time involved: 1 day per month on campus, and one day per month off campus.

Regent Cina reported for the information of the Board that the committee had heard a presentation from members of the Board of Publications outlining the scope of their operation, their mission and procedures. No action was taken on this item. He further reported that the committee voted to send back to the Civil Service Committee for further review and study the new Civil Service Pay Plan which was presented to the committee. Action will be taken on this item at a later date.

Regent Cina further reported that the committee received for information the report that Sung K Juhn, Otolaryngology Department, had achieved permanent tenure at the rank of Assistant Professor in accordance with the regulations governing academic tenure, effective July 1, 1971.

A motion was made, seconded and unanimously passed to approve the recommendations of the Faculty, Staff and Student Affairs Committee.

Committee minutes and documentation are filed supplement to the minutes, page 20,871.

Regent Hughes, Chairman of the Health Sciences Committee, reported that no action was taken at the meeting but that members of the committee heard a report from Dean H. Mead Cavert relative to the Medical School and its various programs.

Committee minutes are filed supplement to the minutes, page 20,872.

Regent Brink, Chairman of the Investment, Insurance and Retirement Committee, reported that the committee had reviewed and recommends to the full Board for approval the Transaction Report in the Temporary Investment Pool covering the period from October 23, 1971, through November 22, 1971, and the Security Transaction Report in Endowment Funds from October 18, 1971, through November 12, 1971.

Regent Brink also reported that a discussion of the Security Transaction Reports was held and a request was made that instructions to investment counselors be continually reviewed. Any deviation from existing instructions shall be brought back to the Regents for discussion.

A motion was made, seconded and unanimously passed to approve the recommendations of the Committee.

Committee minutes and documentation are filed supplement to the minutes, page 20,873.

Regent Huffington, Chairman of the Physical Plant Committee, presented the following recommendations to the Board for approval:

- (a) On the recommendation of the Vice President for Finance, Planning, and Operations and the President, the following Resolution was presented for consideration:

Resolution Authorizing Duluth Housing Bonds, Series A and B

Whereas the Regents of the University of Minnesota (the "University"), a Minnesota public corporation, proposes to create an issue of bonds to be issued pursuant to an indenture to be entered into between the University and a bank or trust company, as trustee, said

bonds to provide funds to pay, in part, the cost of construction of an apartment village of 76 units to provide housing for approximately 304 students and a commons building with service, recreation and administrative facilities at the Duluth campus (said apartments and apartment facilities being hereinafter called the "Project");

Whereas there has been presented to this meeting, marked Exhibit A for identification and ordered filed with the records of the University, a copy of a proposed indenture dated as of November 1, 1971 between the University and a bank or trust company, as trustee, providing for the creation and issuance of bonds to be known as the Regents of the University of Minnesota Duluth Housing Bonds, Series A and B (hereinafter called the "Bonds") limited to the aggregate principal amount of \$1,140,000 for Bonds of Series A and \$650,000 for Bonds of Series B;

Whereas the indenture presented to this meeting permits the issuance of additional series of Bonds under certain conditions to finance construction or acquisition of additional dormitories or food service buildings at the Duluth campus;

Whereas there has been presented to this meeting, marked Exhibit B for identification and ordered filed with the records of the University, a copy of the form of proposed Grant Agreement between the University and the United States Government whereby the United States Government will agree to pay to the University a debt service subsidy grant with respect to the Bonds of Series B;

Whereas the University proposes to sell the Bonds at public sale; now, therefore, be it

Resolved by the Board of Regents of the University of Minnesota, That:

1. The form, terms and provisions of the indenture presented to this meeting and of the Bonds as set forth in said indenture are hereby approved and the President or any Vice President is hereby authorized and empowered to select a trustee for the indenture and to execute, in the name and on behalf of the University and under its corporate seal attested by the Secretary or an Assistant Secretary, in such number of counterparts as the officer signing the same deems proper, an indenture in substantially the same form presented to this meeting, containing substantially the same terms and provisions thereof, with such changes and additions thereto as shall be approved by the officer signing the same, the execution thereof being conclusive evidence of such approval, and to acknowledge the same and to deliver the same to the trustee.
2. The form, terms and provisions of the Grant Agreement presented to this meeting are hereby approved and the President or any Vice President is hereby authorized and empowered to execute said Agreement in the name and on behalf of the University and under its corporate seal attested by the Secretary or an Assistant Secretary, and to deliver the same to the Department of Housing and Urban Development.
3. The University create an issue of bonds to be known as the Regents of the University of Minnesota Duluth Housing Bonds, Series A and B, to be issued under and pursuant to the indenture authorized

- by paragraph numbered 1 of this resolution in the aggregate principal amount of \$1,140,000 for Bonds of Series A and \$650,000 for Bonds of Series B, which issue of bonds shall contain the provisions, terms and conditions as are set forth in said indenture.
4. The action of the Treasurer in having caused the publication of an invitation for bids for the Bonds, with a date for receipt of the bids coming after the date of this meeting, and in having distributed information on the Bonds and the University to potential bidders, is hereby, in all respects, ratified, confirmed and approved.
 5. The President or any Vice President is hereby authorized and empowered to open and review the bids received and to accept or reject bids in the name and on behalf of the University.
 6. After acceptance of a bid, the officers of the University are authorized and directed to cause the Bonds to be prepared, bearing the facsimile signature of the President of the University and a facsimile of its corporate seal, attested by the manual signature of the Secretary or an Assistant Secretary, with the coupons annexed to the Bonds bearing the facsimile signature of the Treasurer of the University, and to deliver such Bonds to the trustee under the indenture for authentication and delivery as provided in the indenture.
 7. The "net revenues" of the Project and the "debt service subsidy grant" (as said terms are defined in the indenture) are hereby pledged and appropriated to the payment of all Bonds issued under the indenture and the "general funds of the University" (as defined in the indenture) are hereby pledged and appropriated for the maintenance of the Reserve Fund under the indenture, all in the manner and to the extent provided in the indenture.
 8. The officers of the University are hereby authorized and directed to execute such certificates, documents and other papers, to do such things and to take such action as they, or any of them, shall deem necessary or proper to enable the University to perform and comply with the terms, provisions and obligations of the University under said Grant Agreement, said indenture and the Bonds.

(b) Construction Contracts Awards:

1. Humanities I, Morris
2. Administration Building Completion, Duluth
3. Health Sciences, Unit A, Minneapolis

He further reported that a discussion was held relative to the St. Paul Master Planning Framework and that no action was taken on this item.

A motion was made, seconded and passed to approve the recommendations of the Physical Plant Committee.

Committee minutes and documentation are filed supplement to the minutes, page 20,874.

Acting Dean Keith McFarland, introduced various members of the staff of the College of Home Economics to the Board of

Regents. Presentations were made on the various activities of the College of Home Economics.

Voted to adjourn at 11:45 a.m.

RODNEY A. BRIGGS, Acting Secretary

Year 1971-72

UNIVERSITY OF MINNESOTA
BOARD OF REGENTS

CONTRACTS, GIFTS AND GRANTS COMMITTEE

MINUTES

December 9, 1971

A meeting of the Contracts, Gifts and Grants Committee of the Board of Regents was held on Thursday, December 9, 1971, at 2:15 p.m. in the Regents' Room, 238 Morrill Hall.

Regents present: Regent Brink, presiding; Regents Andersen, Cina, Hughes, Malkerson, Sherburne, Thrane, and President Moos. Student Representatives: Michael Dean and Peter Cannon.

Staff present: Vice Presidents Brinkerhoff, French, and Shepherd; Messrs. Briggs, Brown, Darland, Eidenberg, Lofquist, Odegard, Preston, Scribner, and Tierney, Mrs. Pirsig and Miss Schlemmer.

Gifts

The Committee voted to recommend to the full Board for approval the list of gifts as presented to the Committee.

Contract and Grant Awards

The Committee voted to recommend to the full Board for approval the list of contract and grant awards as presented to the Committee.

Applications for Contracts and Grants

The Committee voted to recommend to the full Board for approval the list of applications for contracts and grants as presented to the Committee.

Resolution

The Committee voted to recommend to the full Board for approval the following resolution:

"Be it resolved, to implement the action of the Board of Regents on July 9, 1971, establishing the Office of Sponsored Research, signatory

authority is Granted to the Director of the Office of Sponsored Programs to submit proposals for and accept research, development, service and training contracts and grants not exceeding one hundred thousand dollars."

Voted to adjourn at 2:30 p.m.

RODNEY A. BRIGGS, Acting Secretary

Year 1971-72

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

FACULTY, STAFF AND STUDENT AFFAIRS COMMITTEE

MINUTES

December 9, 1971

A meeting of the Faculty, Staff and Student Affairs Committee of the Board of Regents was held on Thursday, December 9, 1971, at 3:30 p.m. in the Regents' Room, 238 Morrill Hall.

Regents present: Regent Cina, presiding; Regents Andersen, Huffington, Hughes, Johnson, Malkerson, Sherburne, Thrane, and President Moos. Student Representatives: Michael Derosier and Mary Ebert.

Staff present: Vice Presidents Brinkerhoff, Cashman, Shepherd, and Wenberg; Messrs. Briggs, Darland, Eidenberg, Kegler, Lukermann, Scribner, Tierney, and Zander, Mrs. Pirsig and Miss Schlemmer.

Board of Publications

The Board of Publications presented a statement which outlined the scope of their operation, their mission, and procedures. A lengthy discussion followed. No action was taken. Correspondence is filed supplement to the minutes.

Resolution

The Committee voted to approve and recommend to the full Board the following resolution:

"Be it resolved that the Faculty, Staff and Student Affairs Committee recommend approval by the Board of Regents of the following sixteen (16) students as representatives to Regents' Committees from the four University of Minnesota Coordinate Campuses and the Twin Cities Campus on the eight designated Committees of the Board of Regents in accordance with action taken by the Board at its meeting held on November 12, 1971:

Budget, Audit and Legislative Relationships

Harold Olson - Crookston

Richard Kolu - Duluth

Contracts, Gifts and Grants

Michael Dean - Duluth

Peter Cannon - Morris

Educational Policy and Long-Range Planning

Terry Gerba - Duluth

Carol Dillon - Morris

Faculty, Staff and Student Affairs

Michael Derosier – Morris

Mary Ebert – Twin Cities

Health Sciences

Cindy Baker – Morris

Patricia Knight – Twin Cities

Investment, Insurance and Retirement

Manuel Guzman – Twin Cities

Curt Watson – Waseca

Physical Plant

Jerome Jansen – Crookston

Neil Donat – Twin Cities

Public Affairs

Ruth Magnuson – Duluth

Karen Merrick – Waseca

Personnel Actions

The Committee voted unanimously to recommend to the full Board for approval the personnel actions including terminations, appointments, special appointments, promotions and transfers, salary adjustments, and leaves of absence.

Non-campus Service Requests

The Committee voted unanimously to recommend to the full Board for approval the non-campus service requests as presented to the Committee.

Academic Tenure

The Vice President for Academic Administration and the President reported for information that Sung K. Juhn, Otolaryngology, Department, has achieved permanent tenure at the rank of Assistant Professor in accordance with the regulations governing academic tenure, effective July 1, 1971.

New Civil Service Pay Plan

There was considerable discussion about the New Civil Service Pay Plan. Regent Sherburne made a motion that the New Civil Service Pay Plan be sent back to the Civil Service Committee for further review and study. The motion was seconded and unanimously approved.

Voted to adjourn at 5:00 p.m.

RODNEY A. BRIGGS, Acting Secretary

Year 1971-72

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

HEALTH SCIENCES COMMITTEE

MINUTES

December 9, 1971

A meeting of the Health Sciences Committee of the Board of Regents was held on Thursday, December 9, 1971, at 2:30 p.m. in the Regents' Room, 238 Morrill Hall.

Regents present: Regent Hughes, presiding; Regents Andersen, Brink, Cina, Johnson, Malkerson, Sherburne, Thrane, and President Moos. Student Representatives: Cindy Baker and Patricia Knight.

Staff present: Vice Presidents Brinkerhoff, French, and Shepherd; Messrs. Briggs, Darland, Eidenberg, Kegler, Lofquist, Lukermann, Preston, Scribner, and Tierney, Mrs. Pirsig and Miss Schlemmer.

Orientation to Health Sciences School

A discussion was held with Dean H. Mead Cavert and the Regents relative to the Medical School.

Voted to adjourn at 3:20 p.m.

RODNEY A. BRIGGS, Acting Secretary

Year 1971-72

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

INVESTMENT, INSURANCE AND RETIREMENT COMMITTEE

MINUTES

December 9, 1971

A meeting of the Investment, Insurance and Retirement Committee of the Board of Regents was held on Thursday, December 9, 1971, at 2:00 p.m. in the Regents' Room, 238 Morrill Hall.

Regents present: Regent Brink, presiding; Regents Andersen, Cina, Hughes, Malkerson, Sherburne, Thrane, and President Moos. Student Representative: Curt Watson.

Staff present: Vice Presidents Brinkerhoff, French, and Shepherd; Messrs. Briggs, Brown, Darland, Eidenberg, Lofquist, Odegard, Scribner, and Tierney; Mrs. Pirsig and Miss Schlemmer.

The Committee voted to approve and recommend to the full Board the following two items:

1. Transaction Report in the Temporary Investment Pool covering the period from October 23, 1971, through November 22, 1971.
2. Security Transaction Report in Endowment Funds from October 18, 1971, through November 12, 1971.

There was a discussion of the Security Transaction Reports and a request that instructions to investment counselors be continually reviewed. Any deviation from existing instructions shall be brought back to the Regents for discussion.

Voted to adjourn at 2:15 p.m.

RODNEY A. BRIGGS, Acting Secretary

Year 1971-72

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

PHYSICAL PLANT COMMITTEE

MINUTES

December 10, 1971

A meeting of the Physical Plant Committee of the Board of Regents was held on Friday, December 10, 1971, at 8:30 a.m. in Room 303, McNeal Hall, St. Paul.

Regents present: Regent Huffington, presiding; Regents Brink, Cina, Johnson, Malkerson, Rauenhorst, Sherburne, Thrane, and Yngve. Student Representative: Jerome Jansen.

Staff present: Vice Presidents Brinkerhoff and Cashman; Messrs. Briggs, Berg, Darland, Hall, Imholte, and Peacock, Mrs. Pirsig and Miss Schlemmer.

ST. PAUL MASTER PLANNING FRAMEWORK

Vice President James Brinkerhoff and Mr. Hugh Peacock discussed the master plan which was developed by John Andrews Architects of Toronto, Canada.

Mr. Roger du Toit, Partner, was introduced, and he, together with representatives of his firm, made in-depth presentations on the proposed master plan and discussed the exhibits.

The planning strategies were explained. It was proposed that the plan would be implemented a phase at a time; utilization of space would be determined by expansion, renovation, and/or in-fill; a determination would be made of the sections of the campus worthwhile preserving; it was pointed out that the landscape is as important as the buildings; pedestrian circulation would be simplified with enclosed links between buildings. The campus could do a great deal with mixed use; moreover, at the present time it is a single-purpose campus and is used primarily in daylight. Space should be provided for programs in need of space rather than for academic purpose. Housing is needed to a greater extent on the campus. Recreation should be distributed throughout the two campuses (Twin Cities Campus includes Minneapolis and St. Paul). The campus should provide support facilities which should be distributed as a network of social, commercial, public, as well as health facilities to supply common needs so often lost in the planning process. The transportation problem was discussed and covered the metro transit system,

vehicular traffic, and the intercampus needs. Students should be able to move from one campus to the other within 15 minutes. Automobiles should be excluded as much as possible. Vehicular access to buildings should be provided on the periphery so that it would not be necessary for them to enter the core section of the campus.

Regent Rauenhorst questioned what the impact of the proposed master plan would have on the ecology. In response, Vice President Brinkerhoff advised that the master plan is being reviewed by key members of the community as well as by members of the academic staff for in-puts. He stated that another in-depth review would be scheduled for February or March.

REPORT ON THE SELECTION OF ARCHITECTS

Vice President Brinkerhoff presented a report on the selection of architects. The subject had been reviewed with the Chairman of the Board and with the Chairman of the Physical Plant Committee. The current procedures will be continued; however, sensitive selections will be reviewed with the Executive Committee in advance of a final designation.

With respect to the question of ecology, Vice President Brinkerhoff stated that an ecology statement will be included in all future reports to the Board.

RESOLUTION AUTHORIZING DULUTH HOUSING BONDS, SERIES A AND B

On the recommendation of the Vice President for Finance, Planning and Operations and the President, the following Resolution was presented for consideration:

WHEREAS The Regents of the University of Minnesota (the "University"), a Minnesota public corporation, proposes to create an issue of bonds to be issued pursuant to an indenture to be entered into between the University and a bank or trust company, as trustee, said bonds to provide funds to pay, in part, the cost of construction of an apartment village of 76 units to provide housing for approximately 304 students and a commons building with service, recreation and administrative facilities at the Duluth campus (said apartments and appurtenant facilities being hereinafter called the "Project");

WHEREAS There has been presented to this meeting, marked Exhibit A for identification and ordered filed with the records of the University, a copy of a proposed indenture dated as of November 1, 1971, between the University and a bank or trust company, as trustee, providing for the creation and issuance of bonds to be known as the Regents of the University of Minnesota Duluth Housing Bonds, Series A and B (hereinafter called the "Bonds"), limited to the aggregate principal amount of \$1,140,000 for Bonds of Series A and \$650,000 for Bonds of Series B;

WHEREAS The indenture presented to this meeting permits the issuance of additional series of Bonds under certain conditions to finance construction or acquisition of additional dormitories or food service buildings at the Duluth campus;

WHEREAS There has been presented to this meeting, marked Exhibit B for identification and ordered filed with the records of the University, a copy of the form of proposed Grant Agreement between the University and the United States Government whereby the United States Government will agree to pay to the University a debt service subsidy grant with respect to the Bonds of Series B;

WHEREAS The University proposes to sell the Bonds at public sale;

NOW THEREFORE, BE IT RESOLVED by the Board of Regents of the University of Minnesota that:

1. The form, terms and provisions of the indenture presented to this meeting and of the Bonds as set forth in said indenture are hereby approved and the President or any Vice President is hereby authorized and empowered to select a trustee for the indenture and to execute, in the name and on behalf of the University and under its corporate seal attested by the Secretary or an Assistant Secretary, in such number of counterparts as the officer signing the same deems proper, an indenture in substantially the same form presented to this meeting, containing substantially the same terms and provisions thereof, with such changes and additions thereto as being conclusive evidence of such approval, and to acknowledge the same and to deliver the same to the trustee.

2. The form, terms and provisions of the Grant Agreement presented to this meeting are hereby approved and the President or any Vice President is hereby authorized and empowered to execute said Agreement in the name and on behalf of the University and under its corporate seal attested by the Secretary or an Assistant Secretary, and to deliver the same to the Department of Housing and Urban Development.

3. The University create an issue of bonds to be known as the Regents of the University of Minnesota Duluth Housing Bonds, Series A and B, to be issued under and pursuant to the indenture authorized by paragraph numbered 1 of this resolution in the aggregate principal amount of \$1,140,000 for Bonds of Series A and \$650,000 for Bonds of Series B, which issue of bonds shall contain the provisions, terms and conditions as are set forth in said indenture.

4. The action of the Treasurer in having caused the publication of an invitation for bids for the Bonds, with a date for receipt of the bids coming after the date of this meeting, and in having distributed information on the Bonds and the University to potential bidders, is hereby, in all respects, ratified, confirmed and approved.

5. The President or any Vice President is hereby authorized and empowered to open and review the bids received and to accept or reject bids in the name and on behalf of the University.

6. After acceptance of a bid, the officers of the University are authorized and directed to cause the Bonds to be prepared, bearing the facsimile signature of the President of the University and a facsimile of its corporate seal, attested by the manual signature of the Secretary or an Assistant Secretary, with the coupons annexed to the Bonds bearing the facsimile signature of the Treasurer of the University, and to deliver such Bonds to the trustee under the indenture for authentication and delivery as provided in the indenture.

7. The "net revenues" of the Project and the "debt service subsidy grant" (as said terms are defined in the indenture) are hereby pledged and appropriated to the payment of all Bonds issued under the indenture and the "general funds of the University" (as defined in the indenture) are hereby pledged and appropriated for the maintenance of the Reserve Fund under the indenture, all in the manner and to the extent provided in the indenture.

8. The officers of the University are hereby authorized and directed to execute such certificates, documents and other papers, to do such things and to take such action as they, or any of them, shall deem necessary or proper to enable the University to perform and comply with the terms, provisions and obligations of the University under said Grant Agreement, said indenture and the Bonds.

The proposed financing is for the Pentom units which have been occupied since September, 1970.

A motion was made, seconded, and received the majority vote approving the Resolution. Regent Rauenhorst cast a negative vote.

ADMINISTRATION BUILDING COMPLETION, DULUTH CONSTRUCTION CONTRACT AWARDS

For the information of the Committee, the Vice President for Finance, Planning and Operations announced that the following bids had been awarded for the completion of the Administration Building in Duluth:

I. General Construction

Reubin Johnson & Sons
Superior Wisconsin

Base Bid \$75,250

II. Elevator Installation

R & O Elevator Company
Minneapolis, Minnesota

Base Bid 38,900

TOTAL OF THE ABOVE LOW BIDS \$114,150

III. Non-building costs in connection with this project are as follows:

A. Architects' fee (5%)	\$ 5,707
B. Supervision of construction (1¼%)	1,426
C. Concrete and materials testing	250
D. Site survey, test holes, etc.	500

E. Contingency (3%)	3,424
F. Outside work	2,150
G. Miscellaneous engineering and plant and shop drawings checking	500
H. Fire extinguishers, towel cabinets and keying, etc.	500
I. Install emergency generator and waste compactor	12,000
J. Furnishings and equipment	9,393
	<hr/>
Total Non-Building Costs	\$ 35,850
Total Contract Costs	<u>114,150</u>
TOTAL PROJECT COST	\$150,000

The available funds for this project are as follows:

1969 Contingency funds \$150,000

**HUMANITIES BUILDING I, MORRIS
CONSTRUCTION CONTRACT AWARDS**

The Vice President for Finance, Planning and Operations announced that in accordance with a motion passed at the Physical Plant Committee meeting held on November 11, 1971, appropriate University officials applied to the State of Minnesota for additional funds not to exceed the amount of the deficiency for the Humanities Building at Morris. The Legislative Building Commission advised that a transfer of \$704,689 was approved to allow for complete funding of the Humanities Building; therefore, for the information of the Committee, the Vice President for Finance, Planning and Operations advised that the following bids had been awarded:

I. General Construction

MJM Construction Company,
a Division of M. J. McGough Company
Room 220, 500 Robert Street North
St. Paul, Minnesota 55101

Base Bid	\$1,538,000.00
NET BID	\$1,538,000.00

*II. Mechanical Construction, including plumbing,
heating, ventilating and air conditioning*

Holm Brothers Plumbing & Heating Co., Inc.
Atwater, Minnesota 56209

Base Bid	\$ 478,000.00
NET BID	\$ 478,000.00

*Lower bidder for theatre seating failed to obtain approval to substitute for specified items prior to receipt of bids.

III. Electrical Construction

Moorhead Electric, Inc.
2310 Fifth Avenue North
Moorhead, Minnesota 56560

Base Bid	\$ 218,460.00
NET BID	\$ 218,460.00

IV. Elevator Installation

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

Base Bid	\$ 15,990.00	
NET BID		\$ 15,990.00

V. Stage Lift Installation

Gust Lagerquist & Sons, Inc.
614 Bradford Avenue North
Minneapolis, Minnesota 55411

Base Bid	\$ 26,195.00	
NET BID		\$ 26,195.00

VI. Theatre Seating Installation

Triangle School Service, a Division of
Sioux Falls Book & Stationery Co., Inc.
1401 "C" Avenue
Sioux Falls, South Dakota 57104

Base Bid	\$ 46,371.00	
NET BID		<u>\$ 46,371.00</u>

TOTAL OF THE ABOVE LOW BIDS	\$2,323,016.00
-----------------------------	----------------

Non-building costs in connection with this project are estimated as follows:

1. Architect's and engineer's fees	\$ 127,765.00
2. Supervision of construction	29,037.00
3. Site survey, test holes, etc.	4,189.00
4. Concrete and material testing	5,100.00
5. Sitework and utility connection	58,000.00
6. Movable equipment	475,832.00
7. Miscellaneous engineering and plant and shop drawing checking	4,750.00
8. Fire extinguishers, towel cabinets, keying, etc.	1,500.00
9. Building activation	3,500.00
10. Consultants (theatre & acoustical)	2,310.00
11. Contingencies (3%)	<u>69,690.00</u>

TOTAL NON-BUILDING COSTS	\$ 781,673.00
--------------------------	---------------

TOTAL PROJECT COSTS	\$3,104,689.00
---------------------	----------------

Source of funds:

1. 1969 Legislative appropriation	\$2,400,000.00
2. 1971 HEF Contingency account	<u>704,689.00</u>

Source of funds:

CONSTRUCTION FUNDS AVAILABLE	\$3,104,689.00
------------------------------	----------------

**HEALTH SCIENCES, UNIT A, MINNEAPOLIS
CONSTRUCTION CONTRACT AWARDS**

The Vice President for Finance, Planning and Operations advised that in accordance with a motion passed at the Physical Plant Committee meeting held on November 11, 1971, appropriate University officials applied to the State of Minnesota for additional

funds not to exceed \$880,000 which represented the amount of the deficiency. The Legislative Building Commission advised that a transfer of \$866,968 was approved for Unit A Health Science Expansion; therefore, for the information of the Committee, the Vice President for Finance, Planning and Operations advised that the following bids had been awarded:

I. General Construction

Knutson Construction Company
 17 Washington Avenue North
 Minneapolis, Minnesota 55401

Base Bid	\$13,498,000.00
Alternate Bid G-11 - omit concrete precast panels on the south elevation - Deduct	10,000.00
NET BID	\$13,488,000.00

*Mechanical Work, including plumbing, heating,
 ventilation and air conditioning*

Lamb Plumbing & Heating Company
 1010 Currie Avenue
 Minneapolis, Minnesota 55403

Base Bid	\$ 8,727,000.00
----------	-----------------

Electrical Installation

Batzli Electric Company
 1807 South First Street
 Minneapolis, Minnesota 55404

Base Bid	\$ 3,064,000.00
----------	-----------------

Alternate Bid E-3 - omit the
 clock system, its conduit and wiring
 as specified under section 1650 - Deduct

	\$ 31,200.00
--	--------------

NET BID	\$ 3,032,800.00
---------	-----------------

Vertical Transportation Installation

Westinghouse Electric Corporation
 Elevator Division
 3501 South Highway No. 100
 Minneapolis, Minnesota 55416

Base Bid	\$ 1,419,870.00
----------	-----------------

Casework Installation

Hamilton Manufacturing Company
 Division of American Hospital Supply Corporation
 Two Rivers, Wisconsin 54241

Base Bid	\$ 1,445,000.00
----------	-----------------

TOTAL OF THE ABOVE LOW BIDS	\$28,112,670.00
-----------------------------	-----------------

II. Construction Contracts Previously Awarded

(Price adjusted in accordance with change orders issued.)

(a) Excavation Contract	\$ 812,830.00
(b) Structural Steel Contract	\$ 3,690,976.00

Total	\$ 4,503,806.00
-------	-----------------

TOTAL CONTRACT CONSTRUCTION	\$32,616,476.00
-----------------------------	-----------------

III. *Non-building costs in connection with this project are as follows:*

A. Oil storage facilities	\$ 408,548.00
B. Primary electrical distribution	461,527.00
C. Boiler expansion	559,608.00
D. Heat tunnel	1,042,756.00
E. Piping — heat tunnel	254,787.00
F. Heating plant building expansion	1,233,345.00
G. Site work	322,645.00
H. Architects' and consulting fee	2,636,864.00
I. Advertisement of bids and miscellaneous	678.00
J. Supervision of construction	407,706.00
K. Concrete and material testing	26,500.00
L. Miscellaneous engineering and plan checking	25,000.00
M. Contingency (2½%)	815,411.00
N. Cardiovascular move and miscellaneous costs not in federal application estimate	375,144.00
O. Fire extinguishers, towel cabinets	15,000.00
P. Consultant service for construction progress control (CPM)	25,000.00
Q. Testing and balancing, heating and cooling systems	<u>90,000.00</u>
Total Non-Building Costs	\$ 8,700,519.00
Total Contract Costs	<u>32,616,476.00</u>
TOTAL PROJECT COST	\$41,316,995.00

The available funds for this project are as follows:

Federal Grant (N.I.H.)	\$22,394,027.00
1967 Legislative Appropriation	500,000.00
*1969 Legislative Appropriation	12,682,000.00
1971 Legislative Appropriation	4,274,000.00
1971 Legislative appropriation (pollution and boiler expansion)	<u>600,000.00</u>
TOTAL FUNDS AVAILABLE	\$40,450,027.00
Total Project Costs	\$41,316,995.00
Total Funds Available	40,450,027.00
DEFICIT BASED ON ABOVE COSTS	\$ 866,968.00

*Excludes \$1,318,000 for planning for Units BC, E and F

The meeting adjourned at 9:45 a.m.

RODNEY A. BRIGGS, Acting Secretary