

## UNIVERSITY OF MINNESOTA

## BOARD OF REGENTS

## FACULTY, STAFF AND STUDENT AFFAIRS COMMITTEE

## MINUTES

January 7, 1971

A meeting of the Faculty, Staff and Student Affairs Committee was held in the Regents' Room, 238 Morrill Hall, on Thursday at 2:00 p.m.

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

Staff present: Vice Presidents Champion, Shepherd, Smith and Wenberg; Messrs. Eidenberg, Kegler, Lofquist, Preston, Scribner, and Tierney; Miss McAvoy, and Mrs. Pirsig.

Dr. Smith reviewed the document "A Plan for Policy Framework, Administrative Structure, and Goal Articulation for the University of Minnesota Personnel System." He reported that during the last five months a consultant, Professor Neely Gardner of the University of Southern California, has carried out a rather extensive study of our personnel policy. He was brought in after the Civil Service Committee indicated that its role in the Civil Service System as now operated had become increasingly ambiguous and difficult to manage. In addition, there were ambiguities in the Civil Service System among the middle management people and other professionals who were sometimes placed in civil service classifications and sometimes placed in academic ranks. Furthermore, when an issue arose concerning the Civil Service System, the questions were not directed to the Civil Service Committee but to the administration. In fact, the problem usually ended up in the President's office where in effect there was no direct way for him to deal with the problems. Finally, there was dissatisfaction among the Civil Service staff related to the fact that they were not represented on the committee which governed its situation. He summarized the consultant's recommendations as follows:

*To place the legal responsibility and authority for the personnel system in the hands of the President.* It was pointed out that there was no one issue

more important to the health of the University than its personnel policy and given these circumstances the delegation of the responsibility for carrying out this policy should lie in the President's office. It gives the personnel policy the visibility that it should have.

*To move the personnel management function to the Office of the Vice President for Administration and organize the activity on a program management basis.* It was pointed out that if the responsibility is delegated to the President's office, the President's office must develop the capability for managing the system which will be done in the Office of the Vice President for Administration.

*To place responsibility and authority for the coordination of both academic and staff personnel programs with the associate or assistant vice president for personnel programs.* To clarify this recommendation, Mr. Champion stated that the responsibility for the Civil Service staff will lie with this individual and, in addition, he will serve as a coordinator of the academic personnel policy which operates through a system focused in the Office of the Vice President for Academic Administration. A specific example of the coordinating function of the assistant vice president for personnel programs would be to decide whether or not a particular position is staff or academic.

*To give staff members an increased voice in governance matters through an employee advisory council and an appeals panel.* In response to a question from Regent Sherburne, Dr. Smith stated that the advisory council would report to the assistant vice president for personnel programs and then to the President.

*To readjust the classification structure to increase compatibility between academic and staff personnel systems. This will involve a marked reduction in the number of classes.* Proposed changes in the classification structure are designed to increase compatibility between academic and staff personnel systems and to provide greater ease and flexibility in classifying and reclassifying staff personnel.

*To revise the pay plan for greater internal consistency while maintaining comparability with State of Minnesota salaries in bench mark classes.* In response to a question from Regent Malkerson regarding comparability with the State Civil Service System, Mr. Champion pointed out that the proposed classification structure is designed to give us some standard relationship to the State and to private industries. Mr. Sherburne stated that the proposal establishes a minimum wage and that it also gives the University flexibility to pay employees who are performing well lump sum payments as bonuses.

*To redefine security and certification for staff members.* This specific proposal is designed to create a class of certified staff members who are somewhat analogous to the faculty members who have achieved tenure. Certification would be achieved after a five-year period of employment and following an evaluation of the staff member's performance.

However, Regent Andersen remarked that you do not want to generate the idea that good performance for five years qualifies you for permanent employment regardless of behavior from then on. He suggested using the terminology of career employee rather than certification and to spell out what achieving this step means in terms of special benefits.

*To update and emphasize policies and programs in employee relations, fair employment practices, communications and career development.*

It was agreed by the members of the committee that a public hearing would be held at the February meeting of the committee on the proposed policy. At that time a limited number of faculty, staff and administrators who have a strong concern with personnel policy would present their interpretations and points of view on the proposal.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary

## UNIVERSITY OF MINNESOTA

## BOARD OF REGENTS

## EDUCATIONAL POLICIES COMMITTEE

## MINUTES

January 7, 1971

A meeting of the Educational Policies Committee was held in the Regents' Room, 238 Morrill Hall, on Thursday at 3:15 p.m.

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

Staff present: Vice Presidents Champion, Shepherd, Smith, and Wenberg; Messrs. Eidenberg, Kegler, Lofquist, Lukermann, Preston, Scribner, and Tierney; Miss McAvoy, and Mrs. Pirsig. Mr. John Borchert, Miss Cynthia Neverdon, Mr. Gene Eckstein, Mr. Bill Wilson, and Mrs. Esther Wattenberg were guests of the Committee.

Mr. Eidenberg reported that the purpose of the committee meeting was to give the committee members background on some of the programs in the Center for Urban and Regional Affairs [CURA]. He reported that approximately \$1,000,000 was appropriated by the Legislature for the 1969-1971 biennium and that this amount was matched by approximately \$3,000,000 in external and other University resources to support the variety of programs that CURA has developed. He indicated that this additional support suggests that the programs have merit to attract funding from Federal agencies and foundations and that the University has been successful in marshalling its internal resources to support these programs. At this point he turned the meeting over to Fred Lukermann. He reported that the establishment of CURA was based on the general principle of experimentation and development of pilot programs in the community. The first year was largely a year of exploration in order to create programs which reflected the needs and desires of the community as well as drawing on the resources and talent of the University. He talked about one of the first efforts of CURA in the area of recruitment of low income minority students. The

University started in the Spring of 1968 to actively recruit low income students in the metropolitan area and later throughout the State. Initially, this program was supported by a grant of the Ford Foundation and internal non-recurring University funds. In our presentations to the Legislature for the current biennium, we are asking that a considerable amount of the CURA legislative appropriation be devoted to the Martin Luther King [MLK] and Higher Education for Low Income People Center [HELP] programs in both the College of Liberal Arts and General College and other colleges of the University. In addition, he reported on the program to recruit low income students into the Graduate School and the sources of funding. The low income graduate student program has been supported primarily through the cooperation of departmental faculties because there were no other funds within the University which could be used.

Mr. Lukermann discussed the future and potential of low income minority student programs. He said that there are constraints on the program because of lack of funding as well as potential population problems relating to the number of minority group members in Minnesota. He indicated that while the University is doing a fairly good job in the Twin Cities, out-state there are problems in terms of the recruitment of the Indian population. The drop-out rates in high school are severe among the Indian population in particular. However, he felt we should also be looking to other areas outside of Minnesota but within the Upper Midwest such as the American Indian population in the Dakotas and certainly to potential graduate students from all over the United States.

At this point Mr. Lukermann asked Mr. Borchert, Director of the Center for Urban and Regional Affairs, to make a brief statement on the direction of CURA. Mr. Borchert reviewed the projects run by faculty coordinators which are much more varied but not as large as the minority recruitment programs. He stated that about \$600,000 of the legislative appropriation was used to support faculty coordinator projects. At the present time there are about 15 faculty coordinators and an additional 250 faculty members who have operating roles within these CURA faculty programs. He reported that all these programs are described in detail in the CURA biennial report which was prepared for the Legislature and presented to the Regents at their last meeting.

At this point Miss Cynthia Neverdon, Coordinator for Special Programs, reported on the recruitment, financial aids and tutorial programs for the MLK students. She described the Martin Luther

King program as having four major units. The first one is the Admissions unit which is responsible for helping the students fill out the necessary forms for admissions and financial aids as well as conducting personal interviews with each student. The second unit is the tutorial units in both the College of Liberal Arts and the HELP Center. These tutorial units are made up of faculty advisers, student aids, and voluntary tutors. The responsibility of the tutorial units is to see that the student maintains as high as possible academic average so that he will remain at the University and complete the degree requirements. In addition, there is some troubleshooting involved which includes working with the student on special personal problems. The third unit of the program is the financial aid unit. There are people in the financial aids office who work individually with each MLK applicant on his financial aid package. The fourth unit is Miss Neverdon's office which coordinates all aspects of the program, makes the student aware of other University-wide services and sets up workshops and conferences so that students might learn of career opportunities.

At this point, Mr. Gene Eckstein, Director of the Indian Upward Bound program, discussed this program. The Upward Bound program has been in operation for three years and has been working with over 200 junior high school and high school students. The purpose of this program is early identification of potential college students and working with them so that they can eventually achieve admission. The work they are doing with the junior and high school students involves individual tutoring sessions, counseling sessions, and the establishment of centers for students to visit after school. He reported that about 25 percent of the students in the Upward Bound program have had some kind of court record and that the Upward Bound program has been assisting the courts in working with the student. In addition, the program includes seminars in Indian culture problems. These seminars are being attended by students at the University and in some cases counts towards their degree credits. He indicated that the program hopes to serve as an educational resources training center or unit for the University in the preparation of teachers, counselors, and school administrators.

At this point, Mr. Wilson, Instructor and Project Director for CURA, discussed some other community projects. The first project is the agency certificate project. Courses are offered in the areas of health education, welfare and business administration to subprofessionals employed in community agencies in order to

upgrade the employment of these individuals. The second project is the home-school manual program. The purpose is to inform parents of students about the subjects their children are being taught in school. A manual has been developed for the parent which describes the curriculum at his child's school. The third project is a youth tutoring project which involves high school students who are released from their high schools to tutor younger students in elementary school. The tutors are usually low achievers, but through involvement in this tutoring program it has been shown that it significantly elevates and raises their educational abilities. The fourth project is a pre-University experience for about 40 students in the low income area. These students are offered informal University courses so that they have an opportunity to experience University life. This project has served as an excellent recruiting device for the University. The fifth project is at Stillwater Prison and involves working with the Afro-American Brotherhood and culture group.

At this point, Mrs. Esther Wattenberg, Director of Career Development, discussed the New Careers programs. She described it as working with the disadvantaged person in the inner city who loses his first chance at higher education and at a later time in his life decides to return to school. About one-third of the people in this program achieve the AA degree and become legal assistants or community health workers.

Mrs. Howard thanked the group for a fascinating afternoon. She felt that it was very stimulating especially in view of the fact that many of the present Regents made the decision to create CURA and have now had a chance to see what the establishment of CURA has meant to the University and the community.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary

## UNIVERSITY OF MINNESOTA

BOARD OF REGENTS  
INVESTMENT COMMITTEE

## MINUTES

January 7, 1971

A meeting of the Investment Committee was held in the Regents' Room, 238 Morrill Hall, on Thursday at 5:00 p.m.

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

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

The Vice President for Finance, Planning and Operations introduced Mr. David R. Brink of the firm of Dorsey, Marquart, Windhorst, West and Halladay, Attorneys, Minneapolis, who has been reviewing the conditions of establishment for the various University trust funds to render an opinion on restrictions of investment and expenditure under the "total return concept."

After extensive discussion, it was agreed that the Vice President for Finance, Planning and Operations would present a proposal to the February meeting of the Investment Committee for a course of action to resolve the problems associated with the restrictions which exist on specific funds as such restrictions relate to the total return concept of investment.

The Vice President for Finance, Planning and Operations discussed the status of the investment in Computer Communications Network, Inc., which had been made by the investment managers, Brokaw, Schaenen, Clancy and Company. It was agreed that each Committee member would be sent full documentation of this investment.

The Vice President for Finance, Planning and Operations reported for the information of the Committee that the University is negotiating a settlement with Crocker Citizens Bank of Beverly Hills, California, with the expectation that the bank will continue to invest the proceeds of the Lando bequest on behalf of the Regents.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary





## UNIVERSITY OF MINNESOTA

## BOARD OF REGENTS

## PHYSICAL PLANT COMMITTEE

## MINUTES

January 8, 1971

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

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

Other Regents present: Regent Malkerson.

The Vice President for Finance, Planning and Operations reported that the following low bid had been accepted and contract awarded for the construction of the Machinery Storage Building at the West Central Experiment Station, Morris:

Base Bid—General Construction .....	\$41,000	
(Contractor Bid Butler Building)		
Gateway Builders, Inc.		
Highway 81 South		
Fargo, North Dakota 58102		
Other Estimated Building Costs		
Electrical Construction .....	3,000	
Mechanical Construction .....	3,000	
Site Preparation .....	1,000	
Non-building Costs		
Engineering .....	1,600	
Supervision .....	400	
Contingencies .....	1,000	
Total Costs .....		\$51,000
Source of Funds:		
1969 Legislative Appropriation .....	\$30,000	
Deficiency Appropriation approved October 30, 1970 .....	21,000	
		\$51,000

The Vice President for Finance, Planning and Operations reported that the following low bid had been accepted and the contract awarded for the remodeling of Morrill Hall, Minneapolis:

<b>Base Bid</b> .....		<b>\$297,800</b>	
Kloster-Madsen, Inc.			
2817 Lyndale Avenue South			
Minneapolis, Minnesota			
<b>Non-contract Costs</b>			
Architectural fees .....	\$ 29,780		
Supervision of construction .....	3,722		
Concrete and material testing .....	500		
Outside work, including paving and			
utilities .....	4,658		
Furniture, furnishings and equipment ..	30,000		
Miscellaneous engineering, checking of			
plans and specifications, etc. ....	1,000		
Fire extinguishers, tool cabinets, keying,			
etc. ....	500		
Remodeling being done by University			
forces on 5th floor and in basement ..	18,710		
Total Non-contract Costs .....		<u>88,870</u>	
Total Contract and Non-Contract Costs			<b>\$386,670</b>
Available for Contingencies .....			8,934
Total Project Costs .....			<u><b>\$395,604</b></u>

**Source of Funds:**

Morrill Hall remodeling funds provided			
from temporary investment income—			
trust funds .....		<b>\$240,000</b>	
Funds set aside originally for Morrill Hall			
Addition (9100-9672-02) from student			
application fees .....		<u>155,604</u>	
Total .....			<b>\$395,604</b>

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

**Contract Costs**

*General Construction*

Hilary Caron Construction			
Faribault .....	\$263,380		
Bid amount			
Possible bonus .....	7,500		

*Mechanical*

Ebert Plumbing and Heating			
Alden, Minnesota .....	79,500		

*Electrical*

Brown Electric Company			
Waseca, Minnesota .....	40,125		
Total Contract Costs .....		<u><b>\$390,505</b></u>	

**Non-contract Costs**

Architects' and Engineers' Fees .....	26,810	
Supervision of construction .....	4,788	
Site surveys, test holes, etc. ....	2,187	
Concrete and materials testing .....	1,000	
Outside work: sidewalks and paving, electrical, utilities, etc. ....	1,656	
Furniture, furnishings, and equipment ..	34,814	
Miscellaneous engineering, shop drawing, checking, etc. ....	1,000	
Fire extinguishers, towel cabinets, key- ing, etc. ....	750	
Total Non-contract Costs .....		\$ 73,005
Total Contract and Non-Contract Costs		\$463,510
Available for Contingencies .....		11,490
Total Project Cost .....		\$475,000

**Source of Funds:**

1969 Legislative Appropriation .....	\$475,000
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The Vice President for Finance, Planning and Operations reported that the following low bid had been received and the contract awarded for the widening of the west entrance road to the Southern School of Agriculture, Waseca:

H. R. Loveall

Winnebago, Minnesota 56098

Base Bid .....	\$ 9,340
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Non-construction costs in connection with  
this project are estimated as follows:

Surface Restoration .....	\$ 2,600	
Layout by Survey Crew .....	280	
Supervision of construction .....	120	
Miscellaneous engineering .....	190	
Contingencies .....	280	
Total Non-construction Costs .....		3,470
Grand Total of Costs .....		\$ 12,810

**Source of Funds:**

1969 Legislative Appropriation .....	\$ 12,810
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The Vice President for Finance, Planning and Operations reported that the following low bid had been received and the contract awarded for the purchase of material for the construction of the Machinery Storage Building at the Forestry Research Center, Cloquet:

Structural Wood Corporation  
1538 White Bear Avenue  
St. Paul, Minnesota

Bid .....	\$ 8,249	
Total .....		\$ 8,249
<b>Source of Funds:</b>		
1967 Legislative Appropriation .....		\$ 10,000

The Vice President for Finance, Planning and Operations discussed the architectural redesign of the Performing Arts-Radio and Television Center, Minneapolis Campus (West Bank), and negotiations with the low-bidding general contractor on the original project, Naugle-Leck Associates, to accomplish construction within the funds available. He said that, in turn, Naugle-Leck would enter in to subcontracts with the low-bidding firms on other phases of the contract except for the elevator construction where, for reasons which are documented, the subcontract will be with Gust Lagerquist and Sons, the second low bidder.

Voted, on the recommendation of the Vice President for Finance, Planning and Operations and the President, to recommend that the Board approve the execution of a contract with Naugle-Leck Associates, Inc., in accordance with the following construction plan:

#### Construction Contract

Naugle-Leck Associates, Inc.  
762 Baker Building  
Minneapolis, Minnesota 55402

Bid .....	\$ 5,487,249
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**Non-building costs** in connection with this project are estimated as follows:

Architects' and Engineers' fees .....	\$489,000
Supervision of construction .....	68,210
Site surveys, test holes, etc. ....	7,679
Concrete and materials testing .....	2,000
Outside work, heating tunnels, heating tunnel piping and lighting, electrical service and outages, street lighting, walks, steps and curbs, streets and service drives, landscaping and shrubbery, etc. ....	199,572
Custodial, special furnishings and equipment, office furniture and equipment .....	485,770
Miscellaneous engineering, checking of plans and specifications and shop drawings, etc. ....	5,500
Fire extinguishers, towel cabinets and keying of the building, etc. ....	1,500

Consultant fees .....	35,000	
Total Non-building Costs .....		1,294,231
Total of Above Costs .....		\$6,781,480
Available for Contingencies .....		128,640
Grand Total of Costs .....		\$6,910,120

**Source of Funds:**

1967 Legislative appropriation .....	\$ 232,320	
1969 Legislative appropriation .....	6,237,800	
Various donors (endowment funds and pledges) .....	400,000	
Minneapolis Campus maintenance Investment income (Clay School Razing) ..	40,000	
Total Available .....		\$6,910,120

The Vice President for Finance, Planning and Operations, the Assistant Vice President for Planning and Development, and Mr. Donald R. Bundlie, Special Attorney, discussed a report submitted by Mr. Bundlie dated December 14, 1970, regarding a partial report of the Commissioners in connection with the condemnation of certain property parcels on the Minneapolis Campus, West Bank.

Voted, on the recommendation of the Vice President for Finance, Planning and Operations and the President, to approve the acceptance of the awards of the Commissioners of the District Court on the following property parcels with the stipulation that if the owner appeals the award the University will file a counter-appeal:

Parcel Number	Owner	Award
1	Presbyterian Church	\$150,000
3	Chlebeczek	34,700
4	Olson	27,225
5	Lazor	23,150
6	Ferencik	46,300
11	Lyken	86,500
12	Ziegler	39,500

Voted, on the recommendation of the Vice President for Finance, Planning and Operations and the President, to authorize the appropriate administrative officers to execute an easement agreement with the Stevens County Highway Department for the improvement of the westerly road adjacent to the north farm at the West Central School and Experiment Station, Morris.

The Vice President for Finance, Planning and Operations reported for the information of the Committee that the University has received a grant of \$22,400,000 from the Department of Health, Education, and Welfare toward the construction of Unit A of the Health Sciences Construction Program.

The Physical Plant Report and supporting documentation are filed supplement to the minutes, page 20,816.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary

**UNIVERSITY OF MINNESOTA**  
**BOARD OF REGENTS**  
**MINUTES**

**January 8, 1971**

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

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

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

**APPROVAL OF MINUTES**

Voted to approve the minutes of the following meetings:

*Drafts of Minutes:*

Faculty, Staff and Student Affairs Committee—December 4, 1970

Educational Policies Committee—December 4, 1970

Physical Plant Committee—December 4, 1970

Health Sciences Committee—December 4, 1970

Board of Regents Meeting—December 4, 1970

**AMENDMENT OF MINUTES**

February 13, 1970, M Isabel Harris Associate Professor and Acting Dean School of Nursing sabbatical furlough January 1 to June 30, 1971 to complete a study of baccalaureate graduates of the University of Minnesota School of Nursing since 1950 to be cancelled (a subsequent promotion to Dean and Professor necessitates attention to administrative duties)

**PERSONNEL CHANGES**

Voted to approve the following personnel changes:

**Termination**

Yosh Maruyama Associate Professor Therapeutic Radiology effective December 15, 1970



### Appointments

Jacqueline B Garnier as Visiting Professor Geography Hill Family Foundation Funds March 16 to June 15, 1971 at the rate of \$24,000 Term BT

Ples S Stuckey as Visiting Professor Afro-American Studies Hill Family Foundation Funds for the winter quarter of 1970-71 at \$8,000 Term CT (\$24,000 B rate)

Charles A Geer continuation of appointment as Adjunct Professor Law School for 1970-71 at \$3,000 Term BH20 (\$15,000 B rate)

Ole A Eklöf as Associate Professor Radiology January 1 to June 30, 1971 at the rate of \$20,000 Term AT

Robert G Harlow as Clinical Associate Professor Psycho-Educational Center for the fall and winter quarters of 1970-71 at \$1,200 Term CHT6 (\$30,000 B rate)

Gary T Athelstan as Associate Professor of Rehabilitation Counseling and Director of Rehabilitation Counseling Services Physical Medicine and Rehabilitation Research Funds December 16, 1970 to June 30, 1971 at the rate of \$21,000 Term AT

### Special Appointments

Maynard E Pirsig Professor Emeritus Law School to serve as Professor Law School for the spring quarter of 1970-71 at \$1,667 per month for 50% time (68 years of age)

Nancy G Stevenson continuation of appointment as Lecturer Institute of Child Development for the winter quarter of 1970-71 at \$1,000 Term CHT25 (\$12,000 B rate); husband Harold W Stevenson Director and Professor Institute of Child Development Term B

Janet T Ahern as Instructor Division of Humanities Morris beginning September 16, 1970 at \$6.00 per hour (private lessons); husband Wilbert H Ahern Associate Professor Division of Social Sciences Morris Term B

Eileen B Eastman as Instructor Division of Social Sciences Morris for the winter quarter of 1970-71 at \$1,000 Term CHT37 (\$8,190 B rate); husband Walter Eastman Instructor Division of Social Sciences Morris Term CHT37

Suzanne B Dietz as Teaching Associate I School of Chemistry for the winter and spring quarters of 1970-71 at \$2,418 Term CH50 (husband James F Dietz School of Chemistry Term CH50)

Brian F Cords student as Laboratory Attendant Food Sciences and Industries beginning December 2, 1970 at \$1.90 per hour (brother Bruce R Cords Teaching Assistant Food Science and Industries Term BH)

James F Hanson student as Custodial Worker Southern School of Agriculture Waseca beginning November 11, 1970 at \$1.62 per hour (mother Patricia Hanson Lifeguard Southern School of Agriculture Waseca hourly rate)

John M Roth student as Senior Custodial Worker Institute of Child Development September 29, 1970 to June 30, 1971 at \$2.05 per hour (mother Margaret Roth Instructor Institute of Child Development Term CHT)

Robert M Adams student as Parking Attendant Parking Facilities beginning November 30, 1970 at \$1.82 per hour (wife Leslie Adams Parking Monitor Department of Police Term A)

Peter R Brandt student as Food Service Worker Food Service Morris September 28, 1970 to June 12, 1971 at \$1.90 per hour (mother Avis R Brandt Senior Clerk-Typist Food Services Morris Term K)

Mary J Bugbee student as Food Service Worker Food Services Duluth beginning September 28, 1970 at \$1.90 per hour (brother Bruce Bugbee student Food Service Worker Food Services Duluth hourly rate)

Marlene D Hagen student as Food Service Worker Dining Hall Crookston beginning September 28, 1970 at \$1.90 per hour (brother Baylen Hagen student Food Service Worker Dining Hall Crookston hourly rate)

James A Barnstorf student as Clerk Student Tutorial Project Duluth beginning October 19, 1970 at \$1.90 per hour (brother Thomas Barnstorf Teaching Assistant Student Tutorial Project Duluth Term CHT)

Mark T Jam student as Laborer Division of Education and Psychology Duluth beginning September 28, 1970 at \$1.90 per hour (mother Bernice Jam Secretary Division of Education and Psychology Term A)

Linda J D Derosier student as Clerk Division of Social Sciences Morris September 28, 1970 to June 12, 1971 at \$1.90 per hour (husband Michael Derosier Teaching Assistant Division of Social Science Morris hourly rate)

Winnifred L Johnson as Undergraduate Research Assistant Center for Curriculum Studies Morris September 28, 1970 to June 12, 1971 at \$2.31 per hour (husband Russell N Johnson Teaching Assistant Division of Science and Mathematics Morris hourly rate)

#### **Promotions and Transfers**

Eugene Eidenberg Associate Professor Political Science at \$13,000 Term B serving as Acting Assistant Vice President Academic Administration at the rate of \$21,500 Term AT to Assistant Vice President Administration and Associate Professor Political Science without change in salary rate Term A beginning January 8, 1971

Forrest G Moore Professor of Education and Director Office of the Adviser to Foreign Students Office of Student Affairs at \$20,820 Term A to serve as Professor Foundations of Education for 10% of time without change in salary rate or term December 16, 1970 to March 15, 1971

Kenneth MacCorquodale Professor Psychology at \$25,200 Term B to serve in addition as Acting Chairman without change in salary rate or term December 16, 1970 to March 15, 1971

Walter K Vivrett Professor School of Architecture at \$20,000 Term B to continue to serve as Professor Experimental City Project for 50% of time without change in salary rate or term December 16, 1970 to March 15, 1971

Clarence M Stowe from Professor and Head Veterinary Physiology and Pharmacology at \$25,900 Term A to Professor without change in salary rate or term beginning January 15, 1971

Archie L Good from Professor Veterinary Physiology and Pharmacology at \$20,550 Term A to Professor and Acting Head without change in salary rate or term beginning January 15, 1971

John C Manning Professor Division of Elementary Education at \$18,400 Term B to serve as Director Project COMBINE for 67% of time without change in salary rate or term for 1970-71

Valworth R Plumb Professor and Chairman Division of Education and Psychology Duluth at \$25,300 Term A to serve as a Consultant on University planning in Nepal under the Ford Foundation Service Agreement

at the rate of \$27,830 Term A paid through the University of Minnesota July 27 to October 9, 1970

Willard C Peterson, Jr Clinical Associate Professor Dermatology at \$2,604 Term AHT18 (\$14,400 A rate) to continue to serve in addition as Clinical Associate Professor Administration Medical School at the rate of \$1,596 Term AHT11 (\$14,400 A rate) January 1 to June 30, 1971

Wilbur Wakefield Associate Professor Director Rochester Extension Center Administration General Extension Division at \$18,000 Term A to serve as Associate Professor Educational Administration for 17% time without change in salary rate or term for 1970-71

Phyllis Freier Research Associate School of Physics Research Funds at \$9,634 Term AHT50 (\$19,268 A rate) to continue to serve in addition as Associate Professor School of Physics at \$6,000 Term CHT50 (\$18,000 B rate) December 16, 1970 to June 15, 1971

Michael F Thomas from Research Associate School of Physics Research Funds at \$12,000 Term AT to Visiting Associate Professor without change in salary rate or term September 1, 1970 to June 30, 1971

#### Salary Adjustments

Alan J Brook Professor and Head Ecology and Behavioral Biology and Associate Curator of Algae Bell Museum of Natural History from \$22,500 Term A to the rate of \$25,000 Term A beginning November 16, 1970

Rodney B Harvey Associate Professor Physiology Research Career Development Award Funds from \$21,500 Term A to the rate of \$23,200 Term A beginning January 1, 1971

Dwight L Anderson Associate Professor School of Dentistry Career Development Award Funds from \$22,000 Term A to the rate of \$23,000 beginning July 1, 1970

#### Leaves of Absence

Duane C Scribner Director University Relations leave without salary January 11 to June 30, 1971 to serve the State of Minnesota under contract with the Commissioner of Administration

Bernard Bowron Professor English continuation of 50% time leave without salary for the fall quarter of 1970-71 on account of illness

Joseph L Waldauer Professor French and Italian sabbatical furlough for 1971-72 to continue research on the works of three French authors of the Enlightenment 'Voltaire, Rousseau, and Diderot' with time to be spent in France

Milton A Trapold Professor Psychology sabbatical furlough for 1971-72 to devote full time to reading and studying in area of specialization and in related areas of interest

Paul G Quie Professor Pediatrics sabbatical furlough for September 1, 1971 to August 31, 1972 to increase development of teaching and research skills in microbiology and human infectious disease and to investigate cell to cell interactions of the immune response in Dr P B Beeson's laboratory in Oxford, England

Kurt Amplatz Professor Radiology leave with salary October 1 to December 31, 1970 on account of illness

Donald B Lawrence Professor Botany leave without salary March 16 to June 15, 1971 to travel to Iceland for International Conference on Sea

Ice and to present a paper on "The geographic distribution and mechanism of operation of the current climatic deterioration," and to go to London to work at the British Museum and Kew Botanical Garden

Conrad P Straub Professor School of Public Health 49% time leave without salary and 51% time leave with salary November 16 to December 31, 1970 to participate in activities of the WHO Regional Office in Copenhagen and Warsaw, Poland and to direct a training course in environmental health sponsored by the WHO and the Japanese government

David B Haley Associate Professor English sabbatical furlough for 1971-72 to complete book on English Drama, 1670-1678 and to pursue research on history of 17th-century science with time to be spent in Minneapolis, Washington, D C and London, England

Douglas E Lewis Associate Professor Philosophy sabbatical furlough for 1971-72 to write a manuscript on Spinoza with time to be spent in Amsterdam, The Netherlands

Roger B Martin Associate Professor School of Architecture and Landscape Architecture 20% time leave without salary for the fall quarter of 1970-71 to devote time to design of a special educational environment (the state zoo)

William L Hathaway Associate Professor General College sabbatical furlough for 1971-72 to complete the writing of a study guide on Minnesota State government and politics and for research and writing on political campaign methods toward revision of presentation to students of American government and politics course with time to be spent in Minneapolis, Washington, D C and New York

Robert E Crew, Jr Assistant Professor Political Science leave without salary January 1 to June 15, 1971 for position in Governor Anderson's Office

## CONTRACTS AND GRANTS

Voted to approve the following contracts and grants:

### *U.S. Atomic Energy Commission*

AT(11-1)-1569, Modification No. 3-1, "Experimental and Theoretical Studies in Solid State and Low Temperature Physics," awarding additional funds in the amount of \$169,645.00 for the period January 1, 1971 to December 31, 1971 under the direction of Professors Allen M. Goldman, Lewis H. Nosanow, Walter V. Weyhmann, and William Zimmermann, Jr., Department of Physics.

### *U.S. Office of Education*

OEG-0-9-336005-2452(725), "Leadership Training Institute," awarding funds in the amount of \$161,307.00 for the period July 1, 1970 to June 30, 1971 under the direction of Professor Maynard Reynolds, Department of Special Education.

OEG-0-70-2051(725), Revision No. 2, "Twin Cities TTT Project Training of Teacher Trainers," awarding additional funds in the amount of \$250,000.00 for the period May 1, 1970 to June 30, 1971 under the direction of Professor Charles Bruning, Clinical Experiences.

### *National Science Foundation*

GP-27275, "Applied Mathematics and Analysis," awarding funds in the total amount of \$106,600.00 for the period January 1, 1971 to June 30,

1972 under the direction of Professors Hans Weinberger and Edgar Reich, Department of Mathematics.

CU-3483, Amendment No. 1, "Institutional Grant for Science," awarding funds in the amount of \$107,148.00 for the period 1970-71 under the direction of Dean Bryce Crawford, Jr., Graduate School.

#### *U.S. Public Health Service*

5 PO2-CA-08832-05, Continuation, "An Integrated Study of Advanced Malignant Diseases," awarding funds in the amount of \$216,322.00 for the period October 1, 1970 to September 30, 1971 under the direction of Dr. B. J. Kennedy, Medical Sciences.

### APPLICATIONS FOR CONTRACTS AND GRANTS

Voted to approve the following applications for contracts and grants:

National Science Foundation .....	\$1,423,332
Dr. A. E. Takemori	
Dr. F. E. Shideman	
Department of Pharmacology	
"Drug Dependence and Mechanism of Action of Drugs of Abuse," 5 years	
U.S. Department of the Interior .....	313,328
Professor William C. Walton, Water Resources Research Center	
Matching Grant Funds Request in Connection with Water Resources Research Act of 1964 (Public Law 88-379)	
Title I, Section 101, 1 year	
National Science Foundation .....	275,449
Dr. Dwight L. Anderson, Department of Dentistry	
Structure of Phage Ø29 and its Infectious DNA, 4 years	
U.S. Public Health Service .....	219,732
Professor Robert D. Wirt, Department of Psychology	
Graduate Training in Clinical Psychology (0900-4035), 1 year	
U.S. Navy .....	200,000
Professor E. R. G. Eckert, Department of Mechanical Engineering	
Heat Transfer Problems in Advanced Gas Turbines for Naval Applications (0635-5156), 1 year	
U.S. Public Health Service .....	188,859
Professor John R. Tester, Department of Ecology and Behavioral Biology	
Vertebrate Behavior and Ecology, 1 year (0900-4189)	
U.S. Office of Education .....	186,679
Professor Arthur Harkins, College of Education	
Indian Upward Bound, 1 year	
U.S. Public Health Service .....	173,989
Dr. A. B. Baker, Department of Neurology	
Neurology Training Grant (0900-4019), 1 year	
U.S. Office of Education .....	151,900
Professor Maynard C. Reynolds, Special Education	
Preparation of Professional Personnel in Education of Mentally Retarded, 1 year	

U.S. Office of Education	146,400
Professor Maynard C. Reynolds, Special Education	
Preparation of Professional Personnel In Education of Emotionally Disturbed, 1 year	
National Science Foundation	144,231
Professor V. A. Bloomfield, Department of Biochemistry	
Hydrodynamic Studies of Biomolecular Structure, 2 years	
National Science Foundation	142,564
Professor Edwin L. Schmidt, Department of Microbiology-Medicine	
Immunofluorescent Staining Techniques Applied to Microorganism of the Soil, 4 years	
U.S. Public Health Service	138,817
Dr. James R. Jensen, Department of Dentistry	
Team Practice with Expanded Duty Auxiliaries, 1 year	
U.S. Public Health Service	135,156
Professor John R. Tester, Department of Ecology and Behavioral Sciences	
Vertebrate Behavior and Ecology (0900-4189), 1 year	
U.S. Public Health Service	127,370
Professor Marian D. Hall, Department of Educational Psychology	
School Psychology (0900-4641), 1 year	
U.S. Office of Education	125,400
Professor C. D. Starr, Department of Speech Science, Pathology and Audiology	
Training of Personnel in the Area of Speech and Hearing, 1 year	
U.S. Army	106,085
Dr. R. C. Lillehei, Department of Surgery	
The Treatment of Shock Based Upon Physiological Principles and Impedance Method for Measuring Cardiac Output in Shock (0697-5100), 1 year	

### GIFTS

Voted to accept with thanks the following gifts:

#### Research

Donor	Estate of Louise D. Garvin
Amount	\$58,592.46
Fund	Malignant Disease Research
Donor	Judge and Mrs. Donald S. Burris
Amount	\$7,658.11
Fund	Research in Entomology

#### Scholarships, Fellowships, Prizes and Awards

Donor	The Ford Foundation
Amount	\$5,700.00
Fund	Ford Foundation Fellowships for Ethnic Studies
Purpose	To establish a fund to support fellowships for ethnic studies

Donor	Norman Pankratz Trust
Amount	\$5,000.00
Fund	Norman Pankratz Memorial Conservation Award
Purpose	To support awards to students active in conservation of natural resources at the University Technical College, Crookston

#### Miscellaneous

Donor	The University of Minnesota Foundation
Amount	\$11,000.00
Fund	Masonic Memorial Hospital Equipment Fund

119 gifts under \$5,000.00 each totaling \$11,296.60 and 397 gifts to the Minnesota Alumni Fund totaling \$21,811.26.

Total Gifts \$121,058.43

#### VOYAGEURS NATIONAL PARK

President Moos opened the meeting by commenting on the successful work that Regent Andersen had done on the Voyageurs Park Bill which had just been approved by the United States Congress.

#### REGENTS' AWARD

On the recommendation of the Executive Committee of the Board of Regents, the Board voted to approve the presentation of a Regents' Award to Mr. Jay Phillips in recognition of his role as a philanthropist and humanitarian and his generosity to the University.

#### INVESTMENT ADVISORY COMMITTEE

On the recommendation of the Investment Committee of the Board of Regents and the President, the Board voted to approve the establishment of an Investment Advisory Committee composed of the following professionals from the financial community who would meet quarterly with the Investment Committee to review investment performance and to counsel and advise on investment policy:

Robert R. Davis, Financial Vice President  
The St. Paul Companies  
Terrance Hanold, President  
The Pillsbury Company  
Dale R. Olseth, Vice President  
Dain, Kalman & Quail, Inc.  
H. Clifton Whiteman,  
Senior Vice President of Corporate Finance  
Investors Diversified Services, Inc.  
John R. Winsor, Vice President and Secretary  
Piper, Jaffrey & Hopwood, Incorporated

#### METROPOLITAN OPERA ASSOCIATION, INC.

On the recommendation of the Vice President, Academic Administration, and the President, the Board voted to approve the Metropolitan Opera Association, Inc., contract for the 1972 opera season at Northrop Memorial Auditorium, documentation filed supplement to the minutes, page 20,817.

#### HARTFORD FOUNDATION GRANT

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

Whereas the Regents did apply on August 19, 1970, with a subsequent amendment on October 2, 1970 to the John A. Hartford Foundation, Inc., for a grant for the exclusive use of the University of Minnesota Medical School for the study of physiological and therapeutic interrelationships of esophagus, stomach and liver; and

Whereas the Foundation did approve a grant of \$49,496 for the above purposes subject to the terms and conditions outlined in its letter of December 2, 1970; Now, therefore, be it

*Resolved*, That the Regents of the University of Minnesota accept the above grant subject to the conditions outlined in the letter of December 2, 1970, and accordingly instruct the appropriate administrative officers to execute the necessary documents to implement this resolution.

#### NORTH STAR RESEARCH AND DEVELOPMENT INSTITUTE

The Board voted to approve the following resolution:

*Resolved*, That the Board of Regents of the University of Minnesota appoint the following as corporate members of the North Star Research and Development Institute for the term ending January 1972:

John N. Dempsey  
Hugh B. Galusha, Jr.  
Terrance Hanold  
Philip B. Harris  
A. A. Heckman  
Finn Larson

Lester A. Mälkerson  
Philip H. Nason  
A. Lachlan Reed  
William B. Reynolds  
Otto A. Silha  
John A. Yngve

#### NONCAMPUS SERVICE REQUESTS

On the recommendation of the individual staff member and the department head, the Vice President, Academic Administration, and the President, the Board voted to approve non-campus service requests received during the month of December 1970:

##### *Institute of Technology*

Walter J. Maier, Associate Professor, Civil Engineering—Consultant Services for Cherne Scientific Inc. From December, 1970 to June,



1971. Estimated time involved: periodic—averaging  $\frac{1}{2}$  day per month.

Richard A. Swalin, Associate Dean and Professor, Administration and Chemical Engineering and Materials Science—Consultant Services for Naval Research Advisory Committee—Marine Corps Advisory Panel. From January, 1970 to indefinite. Estimated time involved: Two to four visits a year; 1-2 days per visit.

#### *College of Biological Sciences*

Franklin G. Wallace, Professor, Zoology—Consultant services for National Institute of Health. From July 1, 1970 to June 30, 1974. Estimated time involved: Approximately 9 days per year.

#### *College of Education*

George H. Copa, Assistant Professor, Agricultural Education—Consultant services for Special Intermediate School District No. 916 for Vocational Education. From December 15, 1970 to February 15, 1971. Estimated time involved: 8 hours per week.

David J. Pucel, Associate Professor, Industrial Education—Consultant services for special Intermediate School District No. 916 for Vocational Education. From December 15, 1970 to February 15, 1971. Estimated time involved: 8 hours per week.

#### *Health Sciences*

Wesley W. Spink, M.D., Regents' Professor of Medicine, Medicine—Consultant services for World Health Organization. From June 2, 1971 to June 1, 1973. Estimated time involved: Unknown.

Lee D. Stauffer, Dean of the School of Public Health, Associate Professor, School of Public Health—Consultant services for Metropolitan Health Board. From September, 1970 to indefinite. Estimated time involved: about 6 hours per month.

Conrad P. Straub, Professor, School of Public Health—Consultant Services for World Health Organization—Geneva. From December, 1967 to 1970. Estimated time involved: Less than one day per month.

Conrad P. Straub, Professor, School of Public Health—Consultant Services for World Health Organization—Copenhagen and Geneva. From December, 1967 to 1971. Estimated time involved: Two days per month on campus; 3-4 weeks/annum off campus.

Ralph O. Wollan, Assistant Professor & Health Physicist, School of Public Health—Consultant services for Environmental Research Corporation. From October 1, 1970 to continuing (October 1, 1971). Estimated time involved: 2 hours per month.

#### *Intercollegiate Athletics*

Lester H. Bolstad, Associate Professor & Head Golf Coach—Consultant services for Wilson Sporting Goods, Inc. Estimated time involved: 60-65 hours from June 15 to September 1.

Robert J. Geary, Athletic Ticket Manager—Consultant services for High School Organizations (Wrestling, Swimming, Basketball, & Gymnastics). From November 1970 to July 1971. Estimated time involved: Overtime work as necessary.

George L. Hanson, Head Basketball Coach-Adj., Assistant Professor—Consultant services for WCCO Radio (Midwest Radio-TV, Inc.). From December 1, 1970 to March 9, 1971. Estimated time involved: One five-minute taped pre-game program for all home and away games.

G. Robert Mowerson, Associate Professor and Head Swimming Coach—Consultant services for Cerny Associates, Inc.; Hanimel, Green & Abrahamson, Inc.; Traynor, Hermanson & Hahn. From September 1970 to indefinite. Estimated time involved: Approximately 10-15 hours per year.

Marion A. Raihala, Assistant Athletic Ticket Manager—Consultant Services for High School Organizations (Wrestling, Swimming, Basketball, and Gymnastics). From November, 1970 to July, 1971. Estimated time involved: Overtime work as necessary.

#### AGRICULTURAL EXTENSION SERVICE

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

Robert G. Koehler, Winter and Spring Quarter, 1971, to continue academic studies leading to a Master of Science degree and develop greater understanding and skills in livestock production and scientific techniques.

Gregory Donald Luehr, Winter Quarter, 1971, to work toward completion of Master's degree with a major in Soil Science.

Joseph C. Peterson, Winter Quarter, 1971, continuation of resident work toward a Master's degree in Agriculture Education.

#### COMMITTEE REPORTS

Regent Malkerson reported for the Executive Committee that he had examined the documents and signed the Report of the Vice President for Finance, Planning and Operations subject to a recommendation approved by the Committee including transfers of funds, journal vouchers, requisitions, recommendations of the Civil Service Committee, and personnel actions for non-tenured academic staff and civil service staff with starting salary of less than \$11,856 in the following categories: terminations, appointments, special appointments, promotions and transfers, salary adjustments and leaves of absence. The report was unanimously approved. Documentation filed supplement to the minutes, page 20,818.

Regent Yngve reported on a meeting of the Faculty, Staff and Student Affairs Committee and reported that after a preliminary discussion of the consultant's report on personnel policy, the Committee agreed to hold a hearing on the report at the February meeting of the Committee.

He also recommended that the Board receive for information the statement of the University Senate on Academic Freedom and Responsibility which was adopted at the December 17, 1970, meeting of the University Senate. In addition, he recommended

that the Regents agree that this statement reaffirms and complements the 1963 Board of Regents' statement on academic freedom and welcomes this statement by the faculty. He suggested that the Board of Regents commend the faculty and the University Senate for the development and adoption of this statement believing that it provides an appropriate framework for faculty governance.

Regent Howard commended Professor Toni McNaron, chairman of the University Committee on Academic Responsibility, for her skill and ability to bring to the University this unique and outstanding achievement. Regent Andersen suggested that the Chairman of the Board write a letter to Professor McNaron and the other committee members expressing the high regard of the Board for the job that has been done.

The report was unanimously approved.

Regent Howard delivered the report of the Educational Policies Committee. She reported on the seminar that was held with the staff of the Center for Urban and Regional Affairs and the presentations they made regarding various projects of CURA. She indicated that the following staff members took part in the Seminar:

Eugene Eidenberg, Assistant Vice President for Administration

John Borchert, Director of the Center

Cynthia Neverdon, Coordinator of Special Programs (the Martin Luther King Scholarship Program)

Bill Wilson, Director of several CURA sponsored St. Paul inner city programs

Gene Eckstein, Director of the Indian Upward Bound Program

Esther Wattenberg, Director of the Office of Career Development in CURA, and

Fred Lukermann, Assistant Vice President, Academic Administration, who discussed the history of CURA

She remarked that the Regents had heard a report that demonstrated the remarkable variety of outreach and service programs that CURA had sponsored during the past four years. Exciting and innovative work is being done that promises to make the University the kind of "communiversity" President Moos has called for on several occasions.

The significance of what CURA is doing is further shown when one considers that CURA is but one of the University's outreach and service units. The work of the General Extension Division and the Agricultural Extension Service are equally important and deserve the attention of the Board and the people of

Minnesota in any assessment of how well the University marshals its resources to serve Minnesota. Regent Yngve expressed his wish that more of our other educational institutions in the State would be more aggressive in this field. Regent Sherburne thought it was an excellent presentation and expressed his hope that the public see a program on CURA. It was suggested that University Relations check into the possibility of a TV documentary on this subject. The report was unanimously passed.

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.

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

*Construction Contract Awards*

Machine Storage Building, West Central Experiment Station, Morris.  
Remodeling of Morrill Hall.  
Classroom Wing, Technical College, Waseca.

*Resolution*

The Committee voted to authorize the appropriate University officials to enter counter appeals in the event of any appeals by owners in the case of Regents of the University of Minnesota vs. Andrew Riverside United Presbyterian Church et al.

The Board unanimously approved the report.

**MINNESOTA ORCHESTRAL ASSOCIATION**

On the recommendation of the Vice President, Academic Administration, the Vice President for Finance, Planning and Operations, and the President, the Board voted to approve the 1970-71 Agreement with the Minnesota Orchestral Association for concerts presented in Northrop Memorial Auditorium, documentation filed supplement to the minutes, page 20,819.

**PERSONNEL ACTIONS**

The Board voted to approve the following personnel actions:

*Promotions and Transfers*

Clarence M Stowe from Professor and Head Veterinary Physiology and Pharmacology at \$25,900 Term A to Professor without change in salary rate or term beginning January 15, 1971

Archie L Good from Professor Veterinary Physiology and Pharmacology at \$20,550 Term A to Professor and Acting Head without change in salary rate or term effective January 15, 1971

Eugene Eidenberg from Acting Assistant Vice President, Academic Administration, to Assistant Vice President for Administration with no change in salary rate or term effective January 8, 1971

#### *Leaves of Absence*

Robert E. Crew, Jr Assistant Professor Political Science leave without salary January 1 to June 15, 1971 for position in Governor Anderson's Office

Duane C. Scribner, Director of University Relations, leave without salary January 11 to June 30, 1971 to serve the State of Minnesota under contract with the Commissioner of Administration

### **ALL-UNIVERSITY SINGLE QUARTER LEAVE COMMITTEE**

On the recommendation of the All-University Single Quarter Leave Committee, the Vice President, Academic Administration, and the President, the Board voted to approve the following single quarter leaves for 1971-72:

#### *Institute of Agriculture*

James I. Brown, Professor, Rhetoric—Fall 1971 (L, September 1965 through March 1966). Study visual arts of the Age of Enlightenment—research in London and France.

Francis F. Busta, Associate Professor, Food Science and Industries—Summer 1971. Review of food microbiology programs and their interactions among academic, industrial and government laboratories in California.

Kenneth A. Jordan, Professor, Agricultural Engineering—Fall 1971. Research on the simulation of a plant system within a greenhouse at Chiba University, Japan.

William M. Marchand, Associate Professor, Rhetoric—Spring 1972. Examination of overall planning of the English touring companies which toured America in the 18th Century.

Donald E. Otterby, Associate Professor, Animal Science—Fall 1971. To observe the teaching and research programs in Animal Science at Iowa State University.

Ann M. Erickson, Assistant Professor, Home Economics—Spring 1972. Concentrated study on historic textiles in Europe.

Joan Gordon, Professor, Foods Division, Home Economics—Spring 1972. Study structure of macromolecules for development of a rational approach to food preparation and processing techniques.

Joseph C. Ordos, Assistant Professor, Related Art Division, Home Economics—Winter 1972. Experimentation with different processes of jewelry design and to produce contemporary jewelry.

Frank H. Kaufert, Acting Dean and Prof., College of Forestry—Fall 1971 (S, 1953-54). Study developments in Korean Education, Research and Forest Land Management.

#### *College of Biological Sciences*

Herbert Jonas, Associate Professor, Botany—Fall 1971-72 (SQL, 1964). Study plant physiology and ethnobotany.

Norman S. Kerr, Associate Professor, Zoology—Winter 1972. Achieve a better understanding of developmental processes of morphogenesis in the myxomycetes.

### *School of Dentistry*

Heddie O. Sedano, Assistant Professor, Oral Pathology—Fall 1971. Ascertainment of inherited and non-inherited dental anomalies in school-aged children in Rosario, Argentina.

### *College of Education*

Marian D. Hall, Associate Professor, School Psychology Training Program—Fall 1971. Coordinating central planning for primary education and children's mental health: a survey of British programs.

William R. Charlesworth, Associate Professor, Child Development—Winter 1972 (S, 1968-69; SFL 1963). Writing up a number of research papers for publication and a book on infant cognition.

Robert L. Jackson, Professor, Elementary Education—Spring 1972. Independent study in mathematics.

James E. Turnure, Associate Professor, Special Education—Winter 1972. Research on multicomponent attentive functioning in children.

Frank H. Wood, Associate Professor, Special Education—Spring 1972. Continuing work on methods for recording teacher-pupil and pupil-pupil interaction in classrooms and work on improvement of introductory lecture courses.

### *General Extension Division*

Richard E. Sieber, Associate Professor, Music Department—Spring 1971-72. Do a comparative analysis of musical performance practices of selected symphonic conductors, 20th Century.

### *College of Liberal Arts*

Richard B. Arnaud, Assistant Professor, Philosophy—Fall 1971. Research for paper to be published on "Possibility and Possible Worlds."

Usharbudh Arya, Assistant Professor, South Asian Languages—Winter 1972. To record and analyze the literary and cultural content and background of ritual songs and folksongs of overseas Indian communities, with specific reference to Fiji Islands.

Roger W. Benjamin, Associate Professor, Political Science—Fall 1971. To study political changes in Japan; interaction between theory and research.

Allen Downs, Professor, Studio Arts—Winter 1972 (S, 1958-59; SFL 1963). Make experimental film: "Daily Life of a Mixtec Farm Family" in Mexico.

Margery S. Durham, Associate Professor, English—Fall 1971. Write book on images of authority, tradition and principle in Victorian literature.

Evelyn S. Fitchow, Professor, German—Fall 1971 (SFL, 1967). Prepare first critical text edition of Old Icelandic *Elucidarius*.

Keith R. Gunderson, Professor, Philosophy—Winter 1971-72. Prepare book for publication on Lockean Linguistics.

James J. Jenkins, Professor, Psychology—Fall 1971 (SFL, two appointments in early 1950's). To do advance study of speech perception.

Thomas Kelly, Assistant Professor, History—Fall 1971. A study of the historic development of a major city-state in Greece.

Robert T. Laudon, Associate Professor, Music—Fall 1971 (SQL, 1965). Preparation of articles on the interchange of musical ideas between France and Germany in the first half of the 19th Century.

Meri K. Lehtinen, Associate Professor, Center for Northwest European Language and Area Studies, and Linguistics—Fall 1971. Research in Hungary for publication of paper on English, Hungarian and Finnish adverbs.

Sheila J. McNally, Associate Professor, Art History—Fall 1971 (S, 1967-68). Preparation for publication of an excavation and figural decoration report for Palace of Diocletian, Yugoslavia.

Betty W. Robinett, Professor, Linguistics—Spring 1972. Study latest approaches, methods, and techniques used in training teachers of English as a second language in Great Britain and Greece.

### *College of Education*

Marilyn Schneider, Assistant Professor, French and Italian—Spring 1972. Study of tensions in contemporary Italian literature.

Roy A. Schuessler, Professor, Music and Music Education—Winter 1972 (S, 1953-54 and 1960-61). Study of techniques used for training professional singers and music teachers in Asia and Europe.

David H. Smith, Associate Professor, Speech, Communication and Theatre Arts—Fall 1971. A re-examination of theory and research related to communication and negotiation.

Donald R. Torbert, Professor, Art History—Spring 1972 (SQL, 1966 and 1969). Investigation of the background and sources of architecture in Mexico as they are found in Spain and Morocco.

Reiko Tsukimura, Associate Professor, East Asian Languages—Fall 1971. Study the art of fiction in modern Japan literature.

### *University Libraries*

Judith A. Overmier, Instructor, Bio-Medical Library—Fall 1971. Study the problems in medical rare book curatorship.

### *Medical School*

Gilbert J. Mannering, Professor, Pharmacology—Summer 1971. Study microsomal drug-metabolizing system.

Arthur R. Page, Associate Professor, Pediatrics—Fall 1971 (one year leave of absence with pay, 1963-64 [fellowship]). DNA Fractionation to concentrate genes coding for antibody production—research in Edinburgh.

Paul, G. Quie, Professor, Pediatrics—Fall 1971. Explore cell to cell interactions in response to microbial infection—research being done at Oxford, England.

Alan H. Roberts, Professor, Physical Medicine and Rehabilitation—Winter 1972. Study the nature of hypnosis and factors contributing to hypnotic susceptibility.

Homer D. Venters, Professor, Pediatrics—Summer 1971. To participate with other Midwestern Universities in an ambulatory child health program in Nicaragua.

### *Student Counseling Bureau*

Dorothy Loeffler, Associate Professor, Educational Psychology—Fall 1971. Study interpersonal relations and communication in a group setting.

### *Institute of Technology*

Alvin G. Anderson, Professor, Civil and Mineral Engineering—Fall 1971 or Spring 1972 (SQL, 1966). Study transport processes in connection with hydraulics research.



Sant Ram Arora, Associate Professor, Mechanical Engineering—Fall 1971. Study design and data management problems in a multi-level memory hierarchy computer system.

Lorne M. Chanin, Professor, Electrical Engineering—Fall 1971. Discuss with other investigators in Europe techniques and methods in understanding the physics of decaying gaseous plasmas in the afterglow region.

Dietrich K. Dehnhard, Associate Professor, Physics—Fall 1971. Study of transfer reactions induced by heavy ions at the Max-Planck-Institute for Nuclear Physics in Heidelberg, Germany.

Raymond M. Dodson, Professor, Chemistry—Fall 1971 (SFL, ISS 1965). Prepare manuscripts for publication on the organic chemistry of suboxides of sulfur.

Robert Ellis, Professor, Mathematics—Winter 1971-72. Lay groundwork for a systematic study of the classification of minimal sets.

Daniel L. Gerlough, Professor, Civil and Mineral Engineering—Fall 1971 (SFL, 1968). Do research in the implementation of road pricing plans.

Thomas E. Hutchinson, Associate Professor, Chemical Engineering and Materials Science—Fall 1971-72. Determination of the degree of crystalline order in thin films of biological (membranes), polymeric, and metallic materials.

Gopinath Kallianpur, Professor, Mathematics—Spring 1972 (S, 1969-70). Prepare materials for publication on stochastic differential equations of control and Gaussian processes.

K. S. P. Kumar, Associate Professor, Electrical Engineering—Winter 1972 (leave of absence without pay, 1967 [research fellow]). Study problems in urban transportation.

Bruce E. Lee, Professor, Electrical Engineering—Winter 1972 (SQL, 1967-68). Analysis and synthesis of large scale processes that arise in aerospace development, urban problems of transportation and organization, and biological population problems.

John S. Lilley, Associate Professor, Physics and Astronomy—Fall 1971. Spend time with scientists in Europe studying the interaction of complex ions with nuclei.

Willard Miller, Jr., Associate Professor, Mathematics—Spring 1972. Study current algebras and local representation of the symmetry groups of elementary particles.

Allen Nussbaum, Professor, Electrical Engineering—Fall 1971 (SQL, Spring 1967). Study of Electronics Engineering at the University of Southampton.

Emil Pfender, Professor, Mechanical Engineering—Spring 1972 (two leaves). Research in the field of Electric Arcs and Plasma Heat Transfer in Minsk, USSR.

Peter A. Rejto, Associate Professor, Mathematics—Fall 1971 (S, 1967-68). Attend International Conference on Scattering Theory at the University of Geneva.

Louis E. Toth, Associate Professor, Chemical Engineering and Materials Science—Spring 1972 (SFL, 1964). Visits to research labs in the United States and Europe doing work on interstitial compounds.

William H. Warner, Professor, Aerospace Engineering and Mechanics—Fall 1971. Study optimization methods for distributed-Mass Systems under frequency constraints.



### *College of Veterinary Medicine*

Griselda F. Hanlon, Associate Professor, Veterinary Surgery and Radiology—Fall 1971. In-depth study of radiographic patterns and signs of healthy and diseased lung in small domestic lab animals.

### *Crookston Campus*

Ralph W. Nestor, Jr., Assistant Professor, Hotel, Restaurant and Institutional Management—Summer 1971. An investigation of current industry and educational practices in the hospitality industry of Europe.

### *Duluth Campus*

Lyda C. Belthuis, Professor, Geography—Fall 1971 (S, 1953-54; SQL, 1959, 1963, 1966). Research on the Snowy Mountains Power and Water Storage Development and Coleambally Irrigation Area, Australia.

Rakel L. Erickson, Assistant Professor, Elementary Education—Spring 1972 (S, 1969-70). Translation of Scandinavian literature for children with a view to publication.

Moy Fook Gum, Professor, Psychology—Spring 1972 (SQL, 1964). Evaluating the impact of elementary guidance counselors in public schools.

Donald K. Harriss, Associate Professor, Chemistry—Spring 1972 (SFL, 1970). Development of methods to both numerically evaluated multi-dimensional integrals and efficiently use results in accurate atomic and molecular energy calculations.

Robert C. Hart, Professor, English—Winter 1972 (SQL, 1965). Study the relationship between the Harlem Renaissance and the General American Literary Renaissance, 1920-40.

Stephen C. Hedman, Assistant Professor, Biology—Spring 1972. Mitochondria and maternal inheritance in *Neurospora crassa* as associated with various human tumor conditions.

Vincent R. Magnuson, Assistant Professor, Chemistry—Fall 1971. Structural Chemistry of Groups II and III Organometallic Complexes.

Dale W. Olsen, Associate Professor, Political Science—Spring 1972. Determination of the potential for expansion of university research and service in Northeastern Minnesota: An Urban and Regional Studies Center on the Duluth campus.

### *Morris Campus*

Wilbert H. Ahern, Associate Professor, Social Science/History—Spring 1972 (SFL, Summer 1969). Research on contemporary racism for possible publication.

Clifton W. Gray, Associate Professor, Social Science—Winter 1972 (SFL, 1970). Develop computer techniques for teaching statistical concepts to students in social sciences.

Liselotte Gumpel, Assistant Professor, German—Spring 1972. Examine metaphor as minimal structural constituent of the lyrical genre—research at MIT and in Munich, Germany.

Nathaniel I. Hart, Associate Professor, Humanities—Spring 1972 (leave without pay, 1964-65). A study of Browning and his circle covering his correspondence in the United States and England.

Iftikhar Ahmad Khan, Assistant Professor, English and Humanities—Fall 1971 or Spring 1972. Explore and explain the kinship between the Eastern and Western Romance and Heroic traditions and values.

