

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS
EDUCATIONAL POLICIES COMMITTEE

MINUTES

October 8, 1970

A meeting of the Educational Policies Committee was held in the Ladies' Dining Room, Kitchi Gammi Club, Duluth, on Thursday at 2:00 p.m.

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

Staff present: Vice Presidents Cashman, Champion, French, Lunden, Shepherd, Smith, and Wenberg; Messrs. Darland, Eidenberg, Grygar, Heller, Kegler, Lofquist, Reeves, Scribner, Tierney, and Thorp; Miss McAvoy, and Mrs. Pirsig.

Vice President Shepherd and Vice President French presented the proposed dental hygiene program at the University of Minnesota, Duluth. There was considerable questioning relating to the space requirements, the number of administrators, faculty and students in the program, and the cost. Vice President Shepherd pointed out that the program is one of the "specials" in the University's request to the Legislature. It was also pointed out that the program has been approved by the Curriculum Advisory Committee of the Higher Education Coordinating Commission and will come before the full Commission at its next meeting. Regent Huffington made a motion to approve the program. It was seconded and unanimously carried.

Vice President Shepherd and Dean Thorp presented the proposed expansion of the College of Veterinary Medicine. The long-term objective is to increase the class size to 120 students. The immediate goal is to increase the class size to 96 students. In addition, 20 new faculty at the rank of Assistant Professor and below will be appointed. Expansion to classes of 120 students will require the further addition of 30 faculty. Vice President Smith pointed out that this program is unique to the University and the demand for qualified students is well above the

number that we are turning out. In response to a question concerning whether or not the physical facilities presently funded will accommodate this expansion, Dean Thorp stated that the present clinic addition that is being completed will provide additional space. A motion was moved and seconded to approve the expansion of the College of Veterinary Medicine. It was unanimously passed.

Vice Provost David Vose and Assistant Vice President Lloyd Lofquist presented the proposed Bachelor of Business Administration and Bachelor of Accounting programs at University of Minnesota, Duluth. After considerable discussion, a motion was made and seconded to approve these programs. It was unanimously passed.

Vice President Shepherd and Vice President French discussed the Physicians' Augmentation Program which is funded by the Federal government. Under this program the Medical School will increase the entering class enrollment from 165 to 226 students. Vice President French reported that there is a similar program for dentists to which the School of Dentistry has applied. If money is received, dentistry hopes to increase their entering class from 110 students to approximately 120 students next year and subsequently to 130 students. He also reported that there is a possibility that the College of Pharmacy might receive funding from a similar program in that area. Vice President Shepherd indicated that the administration has approved a request from the School of Dentistry to make application to the dental augmentation program and that he was reporting this item to the Regents for information.

Voted to adjourn at 3:10 p.m.

DONALD K. SMITH, Acting Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS
PHYSICAL PLANT COMMITTEE

MINUTES

October 9, 1970

A meeting of the Physical Plant Committee was held in Kirby Student Center, University of Minnesota, Duluth, on Friday at 8:00 a.m.

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

Other Regents present: Regents Hartl and Malkerson.

The Vice President for Finance, Planning and Operations reported that the following bids had been awarded for the installation of the water management system at the Southern Experiment Station, Waseca:

General Construction

Base Bid "A"—Construction of shallow outlet ditch for drainage system

Fretham Brothers Excavating
1901 North Cedar Street
Owatonna, Minnesota 55060

Base Bid "A"	\$1,060.00
--------------------	------------

Base Bid "B"—Labor, materials and equipment for installation of Underground Tiles, Mains and Laterals as outlined in Plans and Specifications.

Drainage Incorporated
Rural Route #1
Winthrop, Minnesota 55396

Base Bid "B"	74,858.67
--------------------	-----------

Total of the Above	<hr/>
Low Bids	75,918.67

Nonbuilding costs:

Engineering, staking, surveying and supervision: 160,000 Lineal feet of tile staked @ 1½¢ per ft.	\$2,400.00	
Miscellaneous engineering, checking, shop drawings, etc.	1,100.00	
Funds for contingencies, extra work, etc.	<u>5,581.33</u>	
Total Nonbuilding costs		<u>9,081.33</u>
Total of the above Costs		\$ 85,000.00

Source of Funds:

1969 Legislative Appropriation	\$ 85,000.00
--------------------------------------	--------------

Voted on the recommendation of the Vice President for Finance, Planning and Operations and the President to approve the following low bids for the construction of the Cold Confinement Beef Feeding Barn at the Northwest Experiment Station, Crookston:

General Construction

Labor, Material, and equipment for construction of Beef Cold Confinement Building

Robertson Lumber Company
312 North Broadway
Crookston, Minnesota 56716

Base Bid \$33,295.00

Other Estimates—Building Costs

Gates, partitions, feed bunks	\$ 2,000.00	
Water service to and in the building	2,700.00	
Electric service and interior wiring	3,000.00	
32' x 15' animal handling room ..	1,000.00	
Dividing wall installation	2,000.00	
Final grade and soil compaction ..	<u>1,000.00</u>	
Total for Other Estimated Building Costs		11,700.00

Nonbuilding costs

Engineering, preparation of Plans and specifications	2,500.00
--	----------

Supervision of construction	500.00	
Contingencies	1,000.00	
	<hr/>	
Total Nonbuilding Costs		4,000.00
Total of the Above Costs		<hr/>
		\$48,995.00

Source of Funds:

1969 Legislative appropriation	\$35,000.00
Deficit	<hr/>
	\$13,995.00

The Vice President for Finance, Planning and Operations reported that the following low bids had been awarded for the construction of Phase II of the Biological Sciences Center, St. Paul:

General Construction

M. A. Mortenson Company
 250 Fremont Avenue North
 Minneapolis, Minnesota 55405
 Base Bid \$3,451,000.00

Mechanical Work (including Plumbing, Heating, Ventilating, and Air Conditioning)

Harris Mechanical Contractors
 2300 Territorial Road
 St. Paul, Minnesota 55114
 Base Bid 3,583,000.00

Electrical Installation

Kehne Electric Company
 2124 University Avenue
 St. Paul, Minnesota 55114
 Base Bid 906,636.00

Elevator Installation

Gust Lagerquist and Sons
 (Agent for Kewaunee)
 1233 West County Road E
 St. Paul, Minnesota 55112
 Base Bid 132,530.00

Laboratory Casework

Schedule II (Fixed Casework)
 Haldeman-Homme, Inc.
 450 Industrial Blvd.
 Minneapolis, Minnesota 55413
 Base Bid 322,092.00

Schedule III (Flexible Casework)

St. Paul Book and Stationery Company
(Agent for Kewaunee)
1233 West County Road E
St. Paul, Minnesota 55112

Base Bid	<u>244,666.00</u>	
Total of the Above Low Bids ..		\$ 8,639,924.00
Total of Phase I Construction Costs..		588,800.00
Total of Structural Steel Costs		<u>329,700.00</u>
Total Construction Costs		<u>9,558,424.00</u>

**Nonbuilding costs in connection with
Phases I and II of this project are
estimated as follows:**

Architects' and engineering fees	498,993.00	
Supervision of construction	119,480.00	
Site survey, test holes, etc.	5,294.00	
Concrete and material testing	3,000.00	
Outside work, including sidewalks, paving, electrical service, heating mains and tunnels, heat control cable, etc. ...	192,573.00	
Allowance for custodial equipment, special fur- nishings; equipment	329,414.00	
Miscellaneous engineering and plant and shop drawing checking ...	2,500.00	
Fire extinguishers, towel cabinets, keying of building, etc.	1,500.00	
Hodges and Jage estimating cost	<u>7,000.00</u>	
Total Nonbuilding Costs		<u>1,152,754.00</u>
Total of Above Costs.....		\$10,711,178.00

Available for Contingencies ..	186,984.00
Total of Costs	<u>\$10,898,162.00</u>

Funds available for this project are as follows:

Federal Title I Grant ..	\$ 334,417.00
Federal II Grant	1,000,000.00
Legislative	
Appropriation, 1967	400,000.00
Legislative	
Appropriation, 1969	6,300,000.00
State Reserve Fund	<u>2,863,745.00</u>

Total Funds Available	<u>\$10,898,162.00</u>
-----------------------------	------------------------

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

Helen M. Johnston property consisting of Lots 6 and 7, Block 23 Oakland Park Addition to Duluth, adjacent to the Duluth Campus, which contains approximately 6,250 square feet, for the purchase price of \$1,100.00, with funds to be provided from the 1969 legislative appropriation for land acquisition at Duluth.

Nicholas Bernhardt property located at 502 East Buffalo Street, Duluth, which contains approximately 12,435 square feet, for the purchase price of \$9,750.00 with funds to be provided by the legislative appropriation for land acquisitions at Duluth.

Glen G. Cerney Estate property located at 611 Delaware Street Southeast, Minneapolis (East Bank), containing approximately 5,544 square feet, for the purchase price of \$37,500. Funds to be provided from the annual land purchase account for the Minneapolis Campus.

Richard J. Medvec property located at 413-20th Avenue South, Minneapolis (West Bank), containing approximately 2,640 square feet, for the purchase price of \$19,000.00. Funds to be provided from the 1969 legislative appropriation for the purchase of land on the West Bank.

John C. Hibbing owned property located at 428-21st Avenue South, Minneapolis (West Bank), containing approximately 2,244 square feet, for the purchase price of \$14,000.00. Funds to be provided from the 1969 legislative appropriation for land acquisition on the West Bank.

Voted on the recommendation of the Vice President for Finance, Planning and Operations and the President to approve the following resolution for the condemnation of a parcel of property at 212 Walnut Street Southeast, Minneapolis, with the understanding that the negotiations will continue with the present owner of the property for possible direct purchase:

That pursuant to the laws of the State of Minnesota, the Regents of the University of Minnesota have duly determined that it is necessary to take, in fee simple absolute, for the purpose of the University of Minnesota, as an addition to and for the use of the Minneapolis Campus of the University of

Minnesota, those certain lands situated in the County of Hennepin and State of Minnesota, which are hereinafter described, and hereby request the Attorney General to institute and prosecute, in the name of the State of Minnesota, or in the name of the Regents of the University of Minnesota, or both, proceedings in the District Court in accordance with the taking and condemnation of said lands, in fee simple absolute, under the power of eminent domain:

Northerly 52.5 feet of the Easterly 115 feet of Lot 3, and the Southerly 8.5 feet of the Easterly 115 feet of Lot 4, Block 18, St. Anthony City Addition to the City of Minneapolis, Hennepin County.

All according to the Recorded plats thereof in the Office of the Register of Deeds, Hennepin County, Minnesota.

The Vice President for Finance, Planning and Operations discussed the status of the bids and funding for the Performing Arts Center, Minneapolis West Bank.

Voted on the recommendation of the Vice President for Finance, Planning and Operations and the President to authorize the appropriate administrative officers to enter into negotiations with Naugle-Leck and Company, Minneapolis, the low bidder for general construction on the Performing Arts Center, Minneapolis West Bank, to explore changes which might be made in the building to make construction possible within the limits of the available funds.

The Vice President for Finance, Planning and Operations reported for the information of the Committee that a purchase order had been issued to Minnesota Mining and Manufacturing Company for the purchase and installation of Tartan Synthetic Track Surfacing at Bierman Field.

The Vice President for Finance, Planning and Operations introduced Mr. Peter Hall of the University Planning staff who discussed tentative considerations in connection with physical planning on the Duluth Campus. He reviewed, particularly, alternatives for handling and limiting automobile traffic on the campus.

The Vice President for Finance, Planning and Operations introduced Robert Carter who presented a proposal to develop the old or South campus at Duluth as a site for the Duluth Medical Program. He discussed specifically the timing of the development, requirements for accreditation and the integration of the program with other departments at Duluth and with the Duluth hospitals. It was suggested that the first phase would require the expenditure of approximately \$200,000.00 to renovate 11,000 square feet in the Laboratory School on the South campus. Mr. Champion stated that this presentation was for the information

of the Committee at this time and that he would bring the matter back at a future meeting for a discussion of long-range implications and approval.

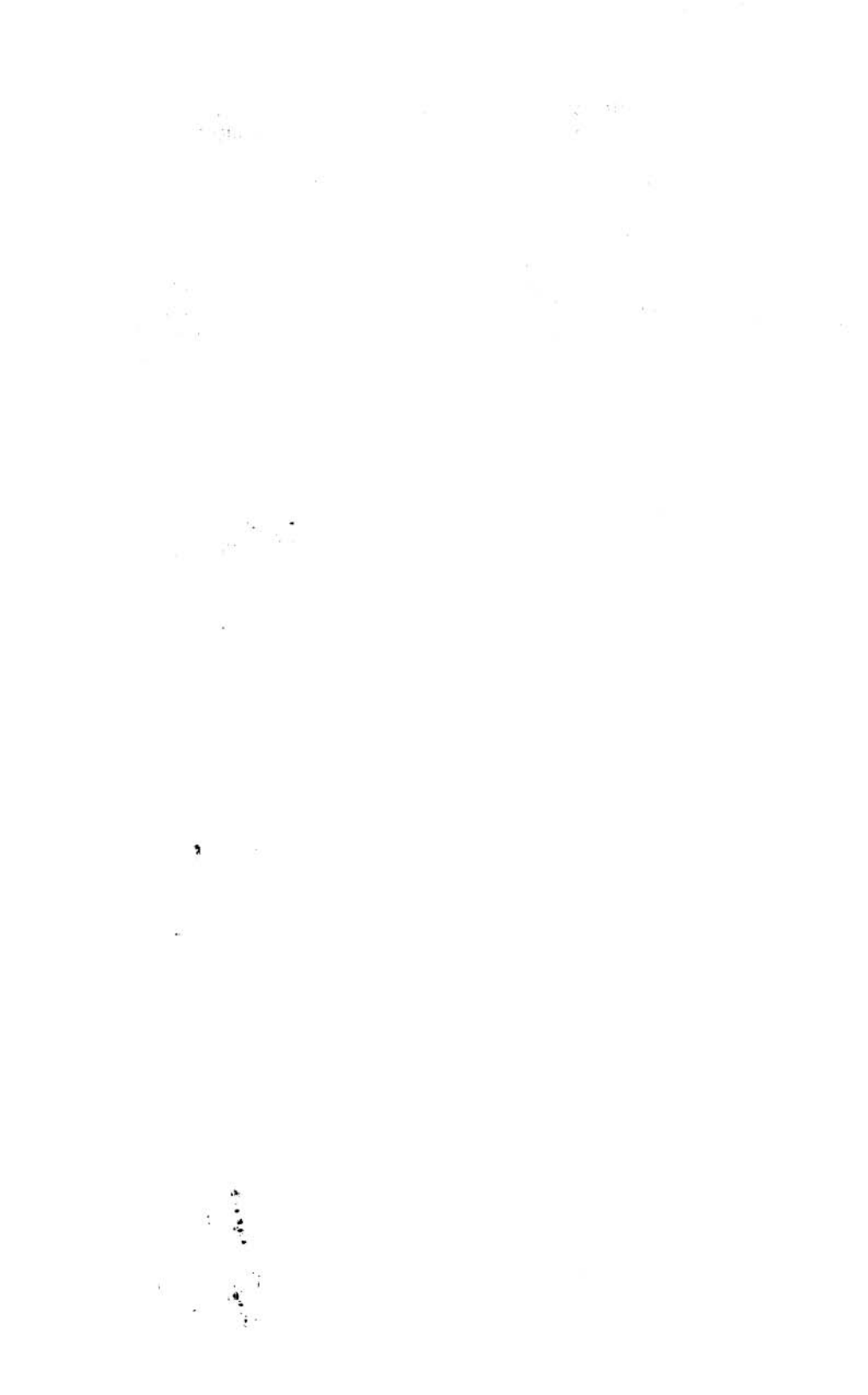
The Vice President for Finance, Planning and Operations reported to the Committee on the continuing negotiations with the Minnesota Vikings for the use of Memorial Stadium.

The Vice President for Finance, Planning and Operations reported to the Committee that the plans for the proposed housing development in the Como Avenue Southeast area are ready for implementation. Voted to authorize the Vice President for Finance, Planning and Operations to draft a letter to the Legislative Building Commission regarding the Como Avenue Housing Project with the understanding that the letter would be cleared with the Chairman of the Committee before being transmitted.

The Physical Plant Report and supporting documentation is filed supplement to the minutes, page 20,807.

Voted to adjourn.

DONALD K. SMITH, Acting Secretary



UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

MINUTES

October 9, 1970

A meeting of the Board of Regents was held in the Tweed Gallery, University of Minnesota, Duluth, on Friday at 9:30 a.m.

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

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

APPROVAL OF MINUTES

Voted to approve the minutes of the following meetings:

Drafts of Minutes:

Faculty, Staff and Student Affairs Meeting—September 10, 1970
Educational Policies Committee Meeting—September 10, 1970
Physical Plant Committee Meeting—September 10, 1970
Investment Committee Meeting—September 11, 1970
Board of Regents Meeting—September 11, 1970

AMENDMENTS OF MINUTES

December 12, 1969, Robert H Beck Professor Foundations of Education sabbatical furlough for 1970-71 for study of the classic Greek dramatist Aeschylus and to prepare for publication of a manuscript with time to be spent at Yale and Harvard and possibly Scotland and England to be cancelled (did not receive a Guggenheim Fellowship)

April 10, 1970, Paul W Staneslow Assistant Professor South Asian Languages sabbatical furlough for 1970-71 to prepare a monograph on the sememic structure of Hindi under a research grant from the American Institute of Indian Studies with time to be spent in Delhi to be cancelled (did not receive the grant)

BUDGET AMENDMENTS, 1970-71

3-3404, Jooinn Lee Associate Professor Division of Social Science, Morris at \$13,000 Term B to read Professor (promotion approved by Board of Regents May 8, 1970 but not recorded on the budget)

1-7500, Marshall W Ryman Director Intercollegiate Athletics at \$28,500 Term B to read Professor and Director (class number assignment and print out on the budget was in error)

PERSONNEL CHANGES

Voted to approve the following personnel changes:

Terminations

J Russell Nelson Professor School of Business Administration effective September 16, 1970

Komanduri K N Charyulu Associate Professor Radiation Therapy effective September 30, 1970

Duncan E Haynes Associate Professor Law School effective June 15, 1970

Øyvind Sørbye Associate Professor Hormel Institute effective October 2, 1970

Appointments

Malcolm M Willcock as Visiting Professor Classics Hill Family Foundation Funds December 16, 1970 to June 15, 1971 at the rate of \$18,000 Term BT

Malcolm Cowley as Visiting Professor English Hill Family Foundation Funds for the winter quarter of 1970-71 at \$10,000 Term CT (\$30,000 B rate)

David F Pears as Visiting Professor Philosophy Hill Family Foundation Funds for the fall quarter of 1970-71 at \$10,000 Term CT (\$30,000 B rate)

Fabio Lucas as Visiting Professor Spanish and Portuguese for 1970-71 at \$17,000 Term BT

Basilio A Rojas as Visiting Professor School of Statistics—Applied Statistics for 1970-71 at \$16,400 Term BT

Stephen A Hoenack as Associate Professor and Assistant Director of Analytical Studies School of Public Affairs and Graduate School Research Center September 16, 1970 to June 30, 1973 at the rate of \$23,000 Term A; this appointment is subject to a special contract calling for a decision on or before June 15, 1971 with respect to continuing this appointment beyond the initial three year term

Sandra W Scarr as Associate Professor Division of Educational Psychology beginning December 16, 1970 at the rate of \$14,000 Term B

Carl R Adams as Associate Professor School of Business Administration September 16, 1970 to June 15, 1973 at the rate of \$16,000 Term B; this appointment is subject to a special contract calling for a decision on or before June 15, 1972 with respect to continuing this appointment beyond the initial three year term

James J Kafka as Assistant Professor and Director Continuing Education and Summer Session, Duluth October 16, 1970 to June 30, 1972 at the rate of \$16,500 Term A

Wendell M Swenson continuation of appointment as Associate Professor School of Public Affairs for the fall quarter of 1970-71 at \$2,000 Term CHT50 (\$12,000 B rate)

Fenwick R McLeod, Jr as Senior Scientist School of Chemistry September 10, 1970 to June 30, 1971 at the rate of \$16,224 Term A

Eugene J Barry as Senior Scientist Biochemistry Health Sciences Research Funds August 1, 1970 to June 30, 1971 at the rate of \$15,600 Term AT

Special Appointments

Ilse L N Gaal from Lecturer School of Mathematics at \$12,950 Term BT for 1969-70 to Assistant Professor at \$13,470 Term BT for 1970-71 (husband Steven A Gaal Professor School of Mathematics Term B)

Phyllis S Freier Research Associate School of Physics Research Funds at \$9,634 Term AHT50 (\$19,260 A rate) to serve in addition as Associate Professor School of Physics for the fall quarter of 1970-71 at \$3,000 Term CHT50 (\$18,000 B rate); husband George Freier Professor School of Physics Term B

Nancy C Stevenson as Lecturer Institute of Child Development for the fall 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

Mohamed M Riad as Teaching Assistant Electrical Engineering for 1970-71 at \$3,240 Term BHT50 (wife Mona Abdel-Rahman Teaching Assistant Electrical Engineering Term BHT50)

Peggy Lou Wielenberg as Teaching Assistant School of Mathematics for 1970-71 at \$3,240 Term BH50 (husband Norbert J Wielenberg Teaching Assistant School of Mathematics Term BH25)

Roger R Ripley as Building Caretaker Plant Services October 1, 1970 to June 30, 1971 at the rate of \$5,400 Term A (brother Donald M Ripley Senior Building Security Caretaker Plant Services Term A)

Promotions and Transfers

John C Turnbull Associate Dean Administration College of Liberal Arts and Professor of Economics at \$32,300 Term A to serve as Chief Executive Officer of the College of Liberal Arts at the rate of \$36,300 Term A September 16, 1970 to March 15, 1971

Wallace A Russell Professor Psychology at \$18,400 Term B to serve as Professor and Acting Associate Dean Administration College of Liberal Arts at the rate of \$22,900 Term B September 16, 1970 to March 15, 1971

Walter K Vivrett Professor School of Architecture at \$20,000 Term B to serve as Professor Experimental City Project for 50% of time without change in salary rate or term for the fall quarter of 1970-71

Robert Jackson Professor and Assistant Chairman Elementary Education at \$18,300 Term B to serve as Professor Teacher Corps for 50% of time without change in salary rate or term for the fall quarter of 1970-71

Alan Roberts Professor Physical Medicine and Rehabilitation Research Funds at \$20,069 from Term AT to Term A beginning July 1, 1970

J Edward Anderson Associate Professor Mechanical Engineering at \$18,300 Term B to serve as Associate Professor Center for Urban and Regional Affairs for 25% of time and as Associate Professor School of Public Affairs for 17% of time without change in salary rate or term for 1970-71

Richard L Hill Associate Professor and Assistant Chairman Secondary Education at \$20,200 Term A to serve as Associate Professor and Acting Chairman at the rate of \$21,000 Term A for 1970-71

Harlan Hansen Associate Professor Elementary Education at \$13,800 Term B to serve as Associate Professor Teacher Corps for 50% of time without change in salary rate or term for the spring quarter of 1970-71

Robert Schreiner Associate Professor Elementary Education at \$13,300 Term B to serve as Associate Professor Teacher Corps for 50% of time without change in salary rate or term for the winter and spring quarters of 1970-71

Peter Rosko from Associate Professor School of Business Administration and Continuing Education in Business General Extension Division at \$19,100 Term A to Associate Professor School of Business Administration at the rate of \$16,000 Term B beginning September 16, 1970

William D Spring from Lecturer and Chairman Division of Humanities, Morris at \$16,800 Term K to Associate Professor and Chairman without change in salary rate or term beginning August 16, 1970

Thomas Anderson Associate Professor Physical Medicine and Rehabilitation Research Funds at \$22,000 plus commutation allowance in lieu of professional fees from Term AT to Term A beginning July 1, 1970

Essam Awad Associate Professor Physical Medicine and Rehabilitation Research Funds at \$22,880 plus commutation allowance in lieu of professional fees from Term AT to Term A beginning July 1, 1970

Marie E Manthey Assistant Director and Instructor Nursing Services University of Minnesota Hospitals at \$14,424 Term A to serve as Associate Director and Instructor Nursing Services at \$10,000 Term CT (\$15,000 A rate) July 1, 1970 to February 26, 1971

Leland L Larson from Senior Systems Analyst University of Minnesota Hospitals at \$12,828 Term A to Principal Systems Analyst at the rate of \$13,872 Term AT June 16-30, 1970 and at \$14,424 Term A for 1970-71

Robert A Noreen from Scientist Aerospace Engineering and Mechanics Research Funds at \$12,336 Term AT to Senior Scientist at \$13,872 Term AT for 1970-71

Salary Adjustments

Joseph E Schwartzberg Professor Geography at \$16,200 Term B on sabbatical/furlough to receive \$8,100 South Asia Historical Atlas Project for 1970-71 to be paid through the University

William Krivit Professor Pediatrics and Research Funds at \$26,000 plus commutation allowance in lieu of professional fees Term A on sabbatical furlough to receive \$10,000 American Cancer Society Funds August 1, 1970 to January 31, 1971 to be paid through the University

C Arthur Williams, Jr Professor and Chairman Department of Finance and Insurance School of Business Administration at \$25,600 Term B serving as Acting Dean and Professor School of Business Administration from \$31,289 plus \$4,000 administrative supplement Term A to \$34,133 plus \$4,364 administrative supplement for 1970-71

Larry C Thompson Professor Division of Science and Mathematics Duluth from \$16,000 Term B to the rate of \$17,000 Term B beginning September 16, 1970

Herbert L Pick, Jr Professor Institute of Child Development Career Development Award Funds from \$22,600 Term A to the rate of \$23,800 Term A beginning September 1, 1970

Victor A Bloomfield Associate Professor Biochemistry College of Biological Sciences from \$15,600 Term B to the rate of \$16,100 Term B beginning September 16, 1970

Norman A Korn Clinical Associate Professor School of Dentistry from \$4,935 Term AH30 (\$16,450 A rate) to \$4,038 Term BH30 (\$13,459 B rate) for 1970-71

Ronald E LaBelle Clinical Associate Professor School of Dentistry from \$6,400 Term AH40 (\$16,000 A rate) to \$5,236 Term BH40 (\$13,090 B rate) for 1970-71

James E Torpey Associate Professor Physical Education for Men at \$14,450 Term B to receive \$800 additional for 1970-71

John F Alexander Professor Physical Education for Men at \$17,450 Term B to receive \$800 additional for 1970-71

Vera M Schletzer Associate Professor Coordinator Scholarship and Counseling Services Administration General Extension Division from \$16,800 Term A to the rate of \$17,800 Term A beginning July 1, 1970

Patrick J Bird Assistant Professor and Head Gymnastics Coach Physical Education for Men and Intercollegiate Athletics at \$12,667 Term CP (\$16,000 A rate) September 16, 1970 to June 30, 1971 to receive \$800 additional September 16, 1970 to June 30, 1971

Clinton B Hanscom Director Department of Police from \$19,750 Term A to \$20,750 Term A for 1970-71

Leaves of Absence

David A Ward Professor Sociology and Chairman Criminal Justice Studies leave without salary March 16 to June 30, 1971 to serve under a Fulbright research scholarship

C J Waddington Professor School of Physics sabbatical furlough for 1971-72 to improve understanding and knowledge of physics with time to be spent at Imperial College, London, England

Willard W Cochrane Professor Agricultural and Applied Economics leave without salary November 1-30, 1970 to serve as consultant for the Ford Foundation in Bangkok and to assist in reorganization of the Ministry of Agriculture

Bruce E Balow Professor Division of Educational Psychology and Director Research and Development Center leave without salary January 1 to June 15, 1971 to serve as Chief of the Division of Training Programs, Bureau of Education for the Handicapped, USOE with time to be spent in Washington, D C

Miriam R Cohn Associate Professor School of Social Work 10% time leave without salary for 1970-71 to serve with the Educational Resources Center of the Minnesota Conference on Social Work Education

Juan J Poseiro Associate Professor Obstetrics and Gynecology leave without salary September 1 to December 31, 1970 on account of injury and threat to family and property in native Uruguay

Norman A Korn Clinical Associate Professor School of Dentistry leave without salary August 16 to September 15, 1970 for private practice

Ronald E LaBelle Clinical Associate Professor School of Dentistry leave without salary August 16 to September 15, 1970 for private practice

Florence M Brennan Assistant Professor School of Nursing sabbatical furlough September 16, 1970 to March 15, 1971 for nursing consultation in faculty and curriculum development, and evaluation of the teaching-learning

process in order to improve nursing in Guatemala and thus improve health of the people

Hallie L Clonts Watonwan County Extension Home Economist, Associate Professor Agricultural Extension Service sabbatical furlough August 1, 1970 to June 30, 1971 for study and research in adult education and gerontology and to seek adequate statistical training to do descriptive research in education

CONTRACTS AND GRANTS

Voted to approve the following contracts and grants:

U. S. Agency for International Development

AID/CSD-2815, for research To Strengthen and Expand Competence in Policy Problems of Agricultural Development, awarding funds in the amount of \$800,000, Program I, Agricultural Economics Research and Training Program at \$230,451 and Program II, Development Policy Program, \$569,549, for the period July 1, 1970 through June 30, 1975, Dean Willard W. Cochrane, Office of International Programs

U. S. Office of Education

OEG-0-9-332189-4533 (607), Revision No. 1, for Center for Research and Development in the Education of Handicapped Children, awarding funds in the amount of \$164,708, the total grant award becoming \$645,914 and extending the termination date to December 31, 1970, Mr. Bruce Balow, Special Education

U. S. Department of the Interior

14-31-0001-3223 for Support of Water Resources Research Programs, awarding funds in the total amount of \$100,000 for the period July 1, 1970 through June 30, 1971 as follows:

A-19-Minn., J. J. Waelti	\$ 15,850
A-20-Minn., C. E. Bowers	7,767
A-21-Minn., W. C. Walton	14,570
A-22-Minn., T. A. Olson	9,000
Center Directors Office, W. C. Walton	27,810

New Projects:

C. L. Larson	7,550
C. S. Song	8,753
E. J. Staba	8,700

\$100,000

National Aeronautics and Space Administration

NGR-24-005-006, Supplement No. 8, for Computer Analysis of Circadian Rhythms, awarding funds in the amount of \$150,000, the total grant award becoming \$761,817.74 and extending the termination date one year to June 30, 1971, Professor Franz Halberg, Department of Pathology

U. S. Department of the Navy

N00014-68-A-0141-0002, Modification No. AD for Infrared Detectors, Laser Technology, and Signal Processing, awarding funds in the amount of \$132,000, the total contract award becoming \$892,000 and extending the termination date one year to August 31, 1971, Professor Robert J. Collins, Electrical Engineering

U. S. Public Health Service

CA-05005-14 for Training Program on Cancer of the Alimentary Tracts, awarding funds in the amount of \$134,464 for the period July 1, 1970 through June 30, 1971, Dr. John Najarian, Surgery

HD-01136-07 continuation of A Center for Research in Human Learning, awarding funds in the amount of \$163,214 for the period September 1, 1970 through August 31, 1971, Dr. John Darley, Psychology

NIH-69-45, Supplemental Agreement No. 7 for the Third National Cancer Survey, awarding funds in the amount of \$118,916, the total contract amount becoming \$288,726 and extending the termination date one year to August 31, 1971, Dr. Leonard M. Schuman, Epidemiology

APPLICATIONS FOR CONTRACTS AND GRANTS

Voted to approve the following applications for contracts and grants:

National Aeronautics and Space Administration	\$1,036,402
Professor A. O. C. Nier, Physics Revision of RFP No. 620-28010-180 for Atmosphere Explorer Open Source Neutral Mass Spectrometer Experiment, 5 years	
U.S. Atomic Energy Commission	728,616
Professor J. M. Blair, Department of Physics Renewal of AT(11-1) 1265 for Experimental Nuclear Physics at the John H. Williams Laboratory, 1 year	
U.S. Public Health Service	337,534
Dean Lawrence C. Weaver, Pharmacy Educational Improvement Program—Special Project Grant, 1 year	
National Science Foundation	235,700
Professor John Overend, Chemistry Construction of a High-Resolution Fourier Transform Spec- trometer, 18 months	
U.S. Public Health Service	210,302
Dean Erwin Schaffer, Dentistry Continuation of ME-01146, Health Professions—Education- al Improvement Program, 1 year	
National Science Foundation	190,736
Professor K. E. Weick, Psychology Renewal of GS-1927, Group Formation and Development, 3 years	
U.S. Public Health Service	189,048
Dr. W. Dixon Ward, Otolaryngology Sensorineural Hearing Loss, 1 year	

U.S. Atomic Energy Commission	169,645
Professor Allen M. Goldman	
Professor L. Nosanow	
Professor W. Weyhmann	
Professor W. Zimmerman, Physics	
Continuation of AT(11-1) 1569, Experimental and Theoretical Studies in Solid State and Low Temperature Physics, 1 Year	
American Cancer Society	156,132
Dr. R. A. Gatti, Pediatrics	
Humoral and Cellular Factors in Tumor Immunity, 5 years	
U.S. Atomic Energy Commission	150,000
Professor S. Gasiorowicz, Physics	
Supplement to AT(11-1) 1764, Experimental High Energy Equipment, no time applicable	
U.S. Public Health Service	148,540
Dr. G. F. Ayala, Neurology	
Correlates of the Epileptic State, 1 year	
U.S. Department of the Interior	132,500
Professor W. C. Walton, Water Resources Research Center 14-31-001-3023 for Methodology for Accelerating State Wide Flood Plain Mapping in Minnesota, 3 years	
U.S. Public Health Service	117,571
Dr. A. S. Deinard, Pediatrics	
Pathogenetic Mechanisms of Bacteriuria, 1 year	
National Science Foundation	105,377
Professor T. Zoltai, Geology and Geophysics	
Continuation of GP-1393, Mineral Structure Determinations, 3 years	
American Cancer Society, Inc.	103,445
Dr. N. K. B. Day, Pediatrics	
Phylogenetic and Ontogenetic Development of the Complement System, 5 years	
Total Contract and Grant Applications	<u>\$4,011,548.00</u>

GIFTS

Voted to accept with thanks the following gifts:

Research

Donor	Paul F. Dwan Trust
Amount	\$11,369.63
Fund	Dwan Family Fund

Scholarships, Fellowships, Prizes and Awards

Donor	Charles and Ellora Alliss Foundation
Amount	\$67,200.00
Fund	Alliss Foundation Scholarship

Donor	Tozer Foundation
Amount	\$30,700.00
Fund	Tozer Foundation Undergraduate Scholarship
Donor	Andress Foundation
Amount	\$13,200.00
Fund	Andress Foundation Fellowships in Economics
Donor	Mary C. Dwan
Amount	\$7,500.00
Fund	John C. Dwan Educational Foundation Scholarships

Miscellaneous

Donor	Estate of C. M. Goethe
Amount	\$46,400.33
Fund	Charles M. Goethe Memorial Fund in Genetics
Donor	University of Minnesota Foundation
Amount	\$25,000.00
Fund	Arboretum Fund
Donor	University of Minnesota Foundation
Amount	\$10,970.34
Fund	The President's Fund
Donor	Paul F. Dwan Trust
Amount	\$10,000.00
Fund	Paul and Faith Dwan Chair in Pediatric Cardiology
Donor	Standard Oil (Indiana) Foundation Inc.
Amount	\$8,000.00
Funds	Standard Oil Foundation Undergraduate Teaching Awards (\$6,000) President's Service Fund (\$2,000)

187 gifts under \$5,000.00 each totaling \$44,165.27 and 279 gifts to the Special Projects Fund totaling \$20,970.00.

Total gifts \$395,475.57

SALARY DIFFERENTIAL

Regent Andersen called to the attention of the Board the difference in salaries that were being offered to two equally qualified people, Carl Robert Adams and Sandra W. Scarr. President Moos assured the Board that the administration would keep this point in mind in reviewing salaries.

BUDGET PRINCIPLES

The President recommended the approval of the following resolution on the Budget Principles:

The President recommends approval of the Legislative Principles and the resulting Legislative Requests (as amended October 8, 1970)

with the stipulation that the requests be amended prior to submission to the Governor to include whatever changes are made necessary as a result of the adoption of the Civil Service Pay Plan. It is further recommended that the President be given authority to make whatever further changes are necessary to complete the requests, provided that such changes are reported to the Board of Regents at its November 13, 1970, meeting.

Vice President Champion discussed some of the features of these principles. Included was a discussion of the proposed tuition increase of \$35 per quarter. Rick MacPherson, president of the Minnesota Student Association on the Twin Cities Campus, commented that he thought an increase in tuition would raise problems for a very large percentage of the students. He questioned whether or not the \$400,000 that the Regents placed in its reserve fund would be sufficient to cover the number of people who were going to be adversely affected by the increase.

Mr. Teske, President of the University of Minnesota, Duluth, Student Association, inquired whether there had been any student input into the discussion of a tuition increase. Mr. Champion reported that there had been students contacted.

Mr. Malkerson commented on the extensive and diligent work that the Board of Regents did on the development of the budget principles.

The resolution on Budget Principles was unanimously adopted.

MARSHALL-UNIVERSITY HIGH POLICY BOARD

On the recommendation of the President, the following appointments to the Marshall-University High Policy Board to replace Dr. Stanley B. Kegler and Dean Jack Merwin were approved:

Mrs. Lillian Williams, Equal Employment Coordinator
Professor Frank Wood, Associate Professor, Special Education

FREDERICK R. KAPPEL CHAIR ENDOWMENT FUND

On the recommendation of the Director of Development and Executive Director of the University of Minnesota Foundation, the Vice President and Consultant to the President and the President, the Board voted to authorize the appropriate administrative officers to transfer the sum of \$10,000.00, previously given to the Regents by the United States Steel Corporation, to the University of Minnesota Foundation to add to the corpus of the Frederick R. Kappel Chair endowment.

NONCAMPUS SERVICE REQUESTS

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

Institute of Agriculture

- Phillip K. Harein, Professor and Extension Entomologist, Entomology, Fisheries, and Wildlife—Consultant Services for Shell Development Company. From November 1, 1970 to August 31, 1971. Estimated time involved: 1-2 working days per month over the 10-month period, both on and off campus.
- Howard A. Morris, Professor, Food Science and Industries—Consultant Services for Frigo Brothers Cheese Co. From November 1970 to August 1971. Estimated time involved: One day per month, off campus.
- Vernon W. Ruttan, Professor, Agricultural and Applied Economics—Consultant Services for International Institute of Tropical Agriculture (IITA). From October 1, 1970 to indefinite. Estimated time involved: Approximately 10 days per year.
- Fultan Holtby, Associate Professor, Mechanical Engineering—Consultant Services for various insurance companies and attorneys. From October 1, 1970 to September 30, 1971. Estimated time involved: 3 to 4 days per month.

Institute of Technology

- Victor G. Mossotti, Associate Professor, Chemistry—Consultant Services for Princeton Applied Research Corporation. From January 1, 1971 to indefinite. Estimated time involved: Approximately 1½ day per month on campus; probably less than 1 day per year off campus.
- George J. Schroepfer, Professor, Civil and Mineral Engineering—Consultant Services for Pan American Health Organization, Regional Office of WHO. From Dec. 7, 1970 to Dec. 18, 1970. Estimated time involved: Five days per week for two weeks.
- L. E. Scriven, Professor, Chemical Engineering and Materials—Consultant Services for Mobile Research & Development Corporation. From November 1, 1970 to October 31, 1971. Estimated time involved: Approximately two days during academic year, two days during summer.
- L. E. Scriven, Professor, Chemical Engineering and Materials—Consultant Services for 3M Company. From April 15, 1970 to April 14, 1971. Estimated time involved: Occasional hour or two-hour visit on campus; approximately eight days off campus.

College of Medical Sciences

- John W. Teske, Instructor and Safety Engineer, School of Public Health and University Health Service—Consultant Services for Rural Co-

operative Power Association. From October 15, 1970 to June 30, 1971. Estimated time involved: One day per month off campus.

Intercollegiate Athletics

Wallace T. Johnson, Head Wrestling Coach and Assistant Professor—Consultant Services for Hansord Pontiac Company. From July 1, 1970 to June 30, 1971. Estimated time involved: After University hours.

James W. Marshall, Assistant Trainer and Adjutant Assistant, Professor—Consultant Services for St. Paul High School Athletic Conference, State High School League, St. Paul Suburban Conference and Central Catholic Conference. From September 1970 to June 30, 1971. Estimated time involved: 36 hours per month for 9 months.

Gary K. Smith, Assistant Trainer-Instructor—Consultant Services for St. Paul High School Athletic Conference, State High School League, St. Paul Suburban Conference. From September 1970 to June 1971. Estimated time involved: 36 hours per month for 9 months.

Lloyd Stein, Head Trainer and Associate Professor—Consultant Services for St. Paul High School Athletic Conference, State High School League, St. Paul Suburban League. From September 1970 to June 1971. Estimated time involved: 36 hours per month for 9 months.

Murray A. Warmath, Head Football Coach and Professor—Consultant Services for Midwest Radio-TV (WCCO Radio). From September 19, 1970 to November 22, 1970. Estimated time involved: Two 15 minute programs on Saturdays for 10 weeks; one-quarter hour program on Mondays for 10 weeks (football season). Taped interviews—some made on campus.

Murray A. Warmath, Head Football Coach and Professor—Consultant Services for Midwest Radio-TV (WCCO T.V.). From September 19, 1970 to November 22, 1970. Estimated time involved: Appear with sports moderator of WCCO for one-half hour following each football game during the 1970 season; with the highlights of previous Saturday games on Sundays.

University Health Service

George S. Michaelsen, Professor; Director, Division of Environmental Health and Safety—Consultant Services for U.S. Public Health Service. From October 15, 1970 to October 14, 1971. Estimated time involved: 5 days per year off campus.

Office of Student Affairs

Mabelle G. McCullough, Assistant Dean and Associate Professor of Education—Consultant Services for National Advisory Council on Health Professions Educational Assistance. From September 15, 1970 to Dec. 31, 1971. Estimated time involved: two or three days for three times a year.

University of Minnesota, Crookston

- Gaward F. Caveness, Assistant Professor, Agricultural Engineering—Consultant Services for Middle River-Snake River Watershed. From October 1, 1970 to March 30, 1971. Estimated time involved: Estimated 60 hours on campus and 10 hours off campus.
- John F. Polley, Instructor, Agricultural Engineering—Consultant Services for Middle River-Snake River Watershed. From October 1, 1970 to March 30, 1971. Estimated time involved: Estimated 60 hours on campus and 10 hours off campus.
- David A. Stoppel, Associate Professor, General Education Division—Consultant Services for Minnesota Video Nursing Education. From October 10, 1970 to permanent. Estimated time involved: one and two days per week.

COMMITTEE REPORTS

Regent Malkerson reported for the Executive Committee the following:

That he had examined the report of the Vice President for Finance, Planning and Operations of the Civil Service Committee recommendations, personnel actions, transactions covering journal vouchers, transfer of funds, and requisitions and recommended approval, documentation filed supplement to the minutes, page 20,808.

That on the recommendation of the Executive Committee the protocol for conducting Regents meetings has been developed as follows:

- All those in attendance at a meeting of the Board of Regents are to identify themselves upon entry to the Secretary of the Board or his designee.
- No one other than members of the Board of Regents and others recognized by the Board may speak. Written request to speak should be submitted to the Secretary of the Board prior to the meeting.
- If space is limited, those with business before the Board of Regents and the press will have priority over those who do not.
- The conduct of the meeting shall not be disturbed by inappropriate actions.
- Visitors will not be permitted to bring flags, banners, or signs into the room.
- Visitors of the Board of Regents' meetings are guests of the Regents and must follow the reasonable requests of appropriate University staff members.
- If the Board of Regents goes into executive session, all visitors are to leave the room.

The Board voted to approve the report of the Executive Committee.

Regent Huffington, Chairman of the Physical Plant Committee, reported that the committee had met and reviewed and recommended approval of the following:

Construction Bids:

Installation of water management system at Waseca;
Construction of Cold Confinement Beef Feeding Barn at Crookston;
Construction of College of Biological Sciences Center at St. Paul;
Dormitory at Morris.

Acquisition of Property:

Helen M. Johnston, Duluth;
Nicholas Bernhardt, Duluth;
Estate of Glen G. Cerney, Minneapolis;
Richard J. Medvec, Minneapolis;
John G. Hibbing, Minneapolis.

Condemnation of Property:

212 Walnut Street, S.E., Minneapolis.

At the meeting of the Physical Plant Committee the Vice President for Finance, Planning and Operations reported upon the planning for the West Bank Performing Arts Building and advised that a purchase order had been given to 3-M for purchase and installation of Tartan Synthetic Track Surfacing at Bierman Field.

He also reported on the status of (a) Campus planning for Duluth, (b) Development of Basic Sciences Facility, Duluth.

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

Regent Andersen reported on a meeting of the Educational Policies Committee. On the recommendation of that Committee the Board voted to adopt the following actions:

The Dental Hygiene Program at the University of Minnesota, Duluth.
A long-range plan for the expansion of the College of Veterinary Medicine.

Establishment of the Bachelor of Business Administration and Bachelor of Accounting at the University of Minnesota, Duluth.

Regent Yngve reported that the Faculty, Staff and Student Affairs Committee had not held a meeting.

Regent Hartl delivered a report of the Investment Committee. He reported that the investment transactions for the preceding month had been distributed to the Investment Committee and approved. The Board voted to approve the report.

UNIVERSITY OF MINNESOTA FOUNDATION

On the recommendation of the President, the Board voted to approve the appointments of Messrs. Elmer L. Andersen, John

H. Myers and Raymond N. Plank to the Board of Trustees of the University of Minnesota Foundation for a term of four years.

ALL-UNIVERSITY COMMITTEE ON HONORS

On the recommendation of the All-University Committee on Honors and the President, the Board voted that the following names be designated for certain facilities:

- From the "Tweed Gallery" to "The Tweed Museum of Art"
- Naming of new building at 2818 Como Avenue S.E. as the "Printing and Graphic Arts Building"
- Naming of building at 421-29th Avenue S.E. as the "Royal A. and Olive Stone Research Laboratory"

OUTSTANDING ACHIEVEMENT AWARDS .

On the recommendation of the All-University Committee on Honors, and the President, the Board voted to approve the award of six Outstanding Achievement awards. Documentation filed supplement to the minutes, page 20,809.

REGENTS' PROFESSOR

Voted, on the recommendation of the President to confirm the awarding of the title of Regents' Professor to the following member of the faculty in accordance with the plan for such awards approved by the Board of Regents at the meeting of February 19, 1965:

Tom Jones, Regents' Professor for History

PERSONNEL ACTIONS

The Board voted to approve the following personnel actions:

Appointments:

James J Kafka as Assistant Professor and Director Continuing Education and Summer Session, Duluth October 16, 1970 to June 30, 1972 at the rate of \$16,500 Term A

Promotions and Transfers:

Wallace A Russell Professor Psychology at \$18,400 Term B to serve as Professor and Acting Associate Dean Administration College of Liberal Arts at the rate of \$22,900 Term B September 16, 1970 to March 15, 1971

John G Turnbull Associate Dean Administration College of Liberal Arts and Professor of Economics at \$32,300 Term A to serve as Chief Executive

Officer of the College of Liberal Arts at the rate of \$36,300 Term A September 16, 1970 to March 15, 1971

Voted to adjourn at 10:45 a.m.

DONALD K. SMITH, Acting Secretary