

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

MINUTES

BOARD OF REGENTS MEETING

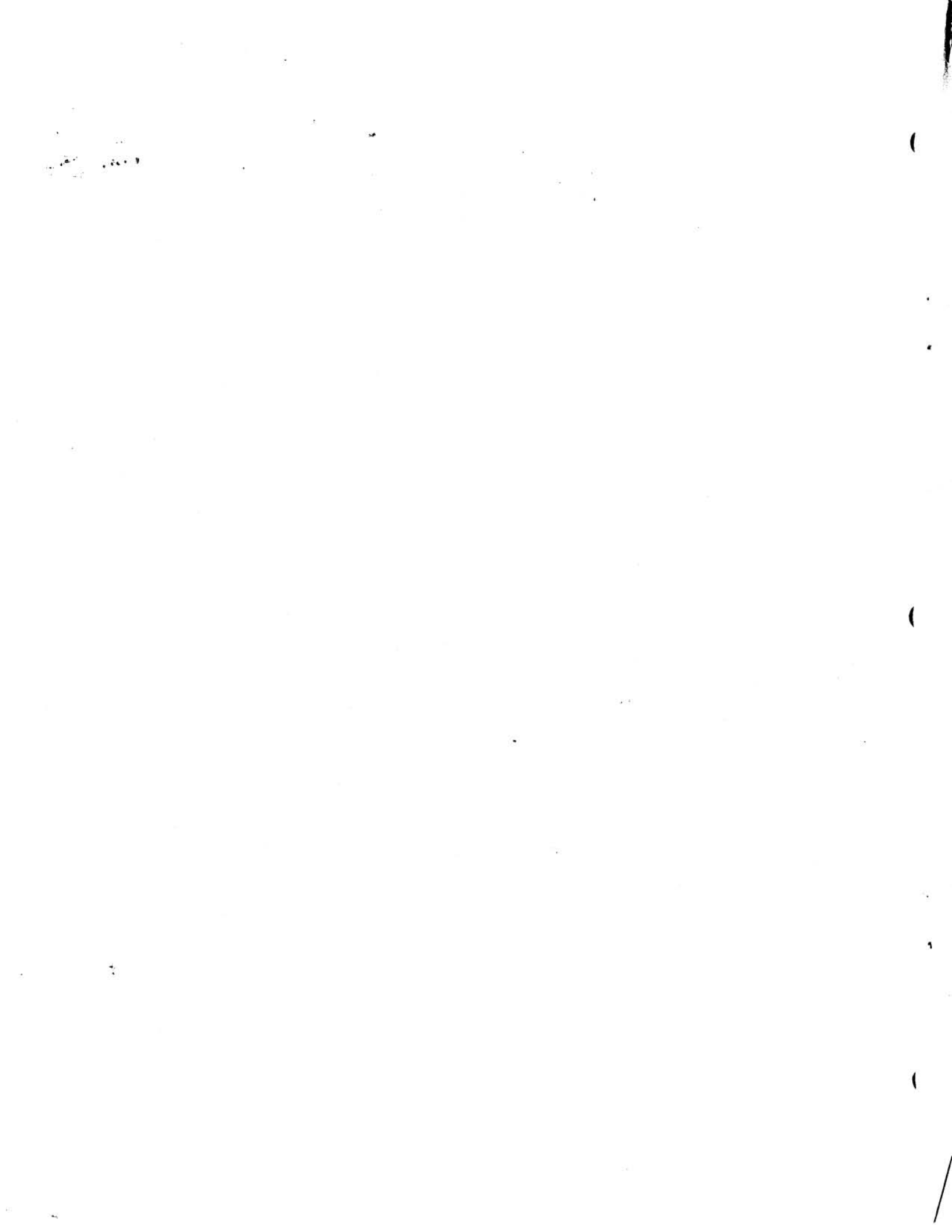
AND

REGENTS COMMITTEE MEETINGS

June 9-10, 1977

Office of the Board of Regents

220 Morrill Hall



UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

Minutes of the Board of Regents Meeting
and Regents Committee Meetings

June 9-10, 1977

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UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

Committee of the Whole

June 9, 1977

A meeting of the Committee of the Whole of the Board of Regents was held on Thursday, June 9, 1977, at 10:20 a.m. in the Regents' Room, 238 Morrill Hall.

Regents present: Regent Moore, presiding; Regents Goldfine, Krènik, Latz, Lebedoff, Lee, McGuigan, Peterson, Schertler, Unger, and Utz.

Staff present: President Magrath; Vice Presidents Bruning, French, Kegler, Koffler, Wilderson, Acting Vice President Brown and Deputy Vice President Hueg; Messrs. Berg, Borgestad, Frederick, Grygar, Heller, Imholte, Preston, Robb, Sahlstrom, Tall, Thomas, Tierney, Wilson, and Zander; and Mrs. Lupton.

LEGISLATIVE REVIEW

President C. Peter Magrath and Vice President Stanley Kegler presented a review of the actions taken by the 1977 Minnesota Legislature which relate to the University of Minnesota.

The 1977 Legislature did provide funds for Women's Intercollegiate Athletics on the Twin Cities Campus, but did not fulfill a request for funds for Men's Intercollegiate Athletics. After a discussion of alternate sources of funding for intercollegiate athletics on the coordinate campuses, Regent Latz requested that the administration explore the possibility of preparing a proposal for legislative funding of intercollegiate athletics on the coordinate campuses and submit the proposal to the Board of Regents for review and discussion.

Discussion centered on the legislative treatment of funds for student aid as requested by the University and the increase in such funds to HECSB. Vice President Kegler stated that at the present time the University is the only institution of higher education in the state that has its own student aid funds in its base budget. Two alternatives emerged from the House Appropriations Committee: (1) each system should have funds available, or (2) the University's funds should not be granted as a part of its base budget. A third alternative emerged which would be to improve the whole student aid program through HECSB by making funds available for all institutions, both public and private.

Regents Schertler and Latz expressed concern about the implications the increase to HECB for student aid would have on the University, as well as other public institutions in the state. Because student aid is based on the tuition rates paid by students, and because tuition in private colleges is more expensive than in the public institutions, the trend might be set that a higher proportion of student aid will be given to the private sector of higher education.

Regent Latz requested the administration to prepare a statement of concern, for endorsement and adoption by the Board of Regents, to be forwarded to the appropriate state and federal officials, on the apparent trend of increased student financial aid to the private sector. President Magrath concurred with the feelings expressed by the Regents and responded that a resolution, along with statistical data to support the Regents' position, would be presented at a future meeting for further discussion and approval.

During the brief discussion on the 1977 Capital Improvements Request, it was suggested that time be scheduled at the September meeting for a discussion on the University's building request which will be presented to the 1978 Minnesota Legislature.

Voted to adjourn at 12:00 noon.



DUANE A. WILSON, Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

Physical Plant and Investments Committee

June 9, 1977

A meeting of the Physical Plant and Investments Committee of the Board of Regents was held on Thursday, June 9, 1977, at 1:35 p.m. in the Regents' Room, 238 Morrill Hall.

Regents present: Regent Lee, presiding; Regents Goldfine, Krenik, Lebedoff, and Peterson.

Staff present: President Magrath; Vice President Kegler, Acting Vice President Brown, and Deputy Vice President Hueg; Messrs. Bridges, Frederick, Hewitt, Johnson, LeMay, Linck, Preston, and Sahlstrom.

Student Representatives present: Tim Donovan and Dan Hoffman, alternate from the Waseca Campus.

INVESTMENTS ACTIVITY REPORT

Acting Vice President Brown reviewed with the committee the investment activity report for April, 1977.

REQUISITIONS, JOURNAL VOUCHERS AND
TRANSFERS OF FUNDS

The committee reviewed the requisitions, journal vouchers, transfers of funds, cancellations of salary overpayments in the amount of \$219.62, cancellation of accounts receivable for the Duluth Bookstore in the amount of \$142.80, cancellation of uncollectible accounts receivable for University Hospitals in the amount of \$120,930.94 for the first nine months of fiscal year 1976-77, and property accounting adjustments.

During the discussion, Regent Lee asked for an explanation of Transaction Code 75 - Miscellaneous Disposal, in the property accounting adjustments. Acting Vice President Brown was instructed to present a breakdown of that transaction code at the July meeting.

Mr. Brown suggested to the committee that at some future meeting he present an annual report of the property accounting adjustments with particular reference to the On By Audit and Off By Audit transactions to provide committee members with the background of that procedure.

After further discussion, the committee voted unanimously to recommend approval of the items.

AUTHORIZATION FOR BORROWING FUNDS -
MINNEAPOLIS HEATING PLANT BAG HOUSES AND
DULUTH COAL GASIFICATION PLANT

Acting Vice President Brown reported that in the University's Capital Building Request two items were listed dealing with the heating plant at the Minneapolis Campus and the coal gasification plant at Duluth. In 1976, the Legislature appropriated a little over one million dollars to the University for the purchase of stack filters to clean up the emissions from the steam plants. The total request from the University was for approximately \$3 million, but the Legislature appropriated only an amount necessary to purchase the bag houses. Because the 1977 Legislature decided not to hear testimony on a building bill, these items were not discussed or funded. The University is under a stipulation agreement with the Environmental Protection Agency (EPA) to comply with EPA emissions standards by March, 1978.

If the University were to wait for an appropriation from the 1978 Legislature, the EPA could judge the University to be in violation of the stipulation agreement due to the fact that progress towards completion of the bag houses was not underway. To meet standards, the University would have to burn oil instead of coal for the next heating season. He informed the committee that discussions had been held with Senator Moe and Representatives Norton and Faricy informing them that the University administration was going to seek borrowing authority from the Board of Regents to keep these projects moving ahead as scheduled. The University would borrow the money for one year with anticipation of having the replacement funds from the Legislature by July 1, 1978. He stated that although one legislative session cannot bind another legislative session, he felt the University had a firm commitment from the Legislature to appropriate the money to the University in the next legislative session.

The second project has to do with the coal gasifier at the Duluth campus, which is a process that would allow the University to move from gas to coal as a fuel at the Duluth campus without rebuilding the power plant. The University has received a significant grant from ERDA to help in this project both in terms of the initial capital cost of the gasifier and in terms of the operating costs.

After discussion, the committee voted unanimously to recommend approval of the resolution authorizing the borrowing of funds to keep these projects on schedule.

AUTHORIZATION FOR BORROWING FUNDS FOR
WASECA AND CROOKSTON HOUSING

Provost Sahlstrom reported that personnel from his campus had inspected the surplus housing units available from the Federal Government

at a North Dakota location. In the opinion of his people from the housing and plant services office at Crookston, the units were satisfactory to alleviate the housing shortage at UMC.

Provost Frederick reported that UMW personnel had also inspected the surplus housing units and felt that a study should be made of the cost of a local builder providing satisfactory housing as compared to the cost of purchasing and moving the surplus units to the Waseca Campus.

Regent Goldfine observed that on the basis of the costs quoted, he didn't feel the surplus housing was a great bargain and suggested further negotiations on the price of the units. Regent Peterson also suggested that strong efforts to negotiate a better price be made by the University administration.

After further discussion, the committee voted unanimously to recommend approval to authorize the borrowing of funds for housing at the Waseca and Crookston Campuses.

LIABILITY INSURANCE

Acting Vice President Brown reported that the only viable mechanism to provide adequate liability insurance coverage available to the University at the present is to create a captive insurance company. The administration's recommendation is that the administration will continue to explore other methods of self-insurance, but that the authorization be given to create the captive insurance company between now and August 1 to allow time for all the legal details to be worked out. The company would probably be established in Bermuda.

In response to a question raised by Regent Goldfine, Acting Vice President Brown reported that the captive insurance company would write no direct insurance, but would act as a reinsurer of the Insurance Company of North America. The Board of Regents would determine what kind of insurance the captive insurance company would handle.

After further discussion, the committee voted unanimously to recommend approval for the Acting Vice President for Finance to proceed with the establishment of a captive insurance company for the purpose of implementing and facilitating the reinsurance of certain parts of the University of Minnesota's comprehensive general liability insurance program.

FINANCING FOR HEARING CLINIC, UNIT B/C

After discussion, the committee voted unanimously to recommend approval of the following resolution:

"Resolved, that on the recommendation of the Acting Vice President for Finance and the President, the appropriate administrative officers are authorized to negotiate and execute the Memorandum of Agreement with the Lions

Multiple District 5M Hearing Foundation and the University of Minnesota Foundation, and the appropriate administrative officers are authorized to negotiate and execute a bank loan to finance the construction of the Lions International Hearing Center in space provided by the University on the 8th floor of Unit B/C."

CONTRACT AWARDS

The committee reviewed contract awards for Other than Low Bidder and Sole Source Procurement.

GIFT BUILDING - ROCHESTER

Acting Vice President Brown reported that the University of Minnesota Foundation has accepted a building in Rochester as a gift from the Fridell family. The University has a need for office and classroom space in Rochester and was reviewing various locations for occupancy. The building is larger than the University needs and plans are underway to remodel and lease the surplus space to state and federal agencies, as well as associated educational agencies, including the Consortium.

The understanding with the chairmen of the Senate Finance and House Appropriations Committees is that the University will request their approval for the gift to be transferred from the Foundation to the University after a self-supporting utilization plan has been developed and approved internally.

STUDIO ARTS BUILDING - WEST BANK

Acting Vice President Brown reported that the building which houses the University's Studio Arts Department is scheduled to be demolished at the completion of Spring Quarter. This necessitates providing space for the program in some other facility on the Twin Cities Campus.

He informed the committee that possibly at the July meeting he would be requesting approval to proceed with the construction of essentially the shell of a building to provide a safe facility in which to house the program. Funds will probably come from building reserve accounts, and discussions will be held with the chairmen of the money committees in the Legislature for their approval.

SOUTHEAST PLANT - NORTHERN STATES POWER COMPANY

Acting Vice President Brown informed the committee that discussions were continuing on the possible purchase of Northern States Power Company's southeast plant by the University. He stated the reason for the discussions was that the University is rapidly exhausting the ability to produce steam to heat the buildings and the rebuilding of our current plant is roughly estimated at \$12 million. The purchase price of the NSP plant is estimated

to be very reasonable compared to its actual worth to the University. Mr. Brown indicated that this may be an item for discussion at the July meeting.

In response to a question from Regent Peterson, Mr. Brown pointed out that this facility would not replace the University's present facility but add extra capacity to heat the buildings on the Twin Cities Campus.

Voted to adjourn at 3:00 p.m.



DUANE A. WILSON, Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

Faculty and Staff Affairs Committee

June 9, 1977

The Faculty and Staff Affairs Committee of the Board of Regents was held on Thursday, June 9, 1977, at 1:35 p.m. in Room 300 Morrill Hall.

Regents present: Regent Moore, presiding; Regents Latz, McGuiggan, Schertler, Unger, and Utz.

Staff present: Vice Presidents Bruning, French, and Koffler; Messrs. Bernard, Erickson, Imholte, Stein, Thomas, and Wilson; Mmes. Clark, Hawley, Lewis, and Williams.

Student Representatives present: Roger Fellows and Gary Locke.

PERSONNEL ITEMS

Vice President Koffler submitted for approval a listing of personnel items and provided information to the committee on individuals listed under the termination and appointment sections.

Dr. Utz paid special recognition to Tom B. Jones listed under the retirement section as Regents Professor Emeritus History, effective June 15, 1977.

After discussion, the committee voted unanimously to recommend approval of the personnel items.

NONCAMPUS SERVICE REQUESTS

Vice President Koffler submitted for approval a listing of noncampus service requests of faculty members.

Regent Latz raised several questions pertaining to administrative policies governing noncampus service requests, specifically on time allowed for consulting, and whether or not consulting was interfering with University responsibilities. He called attention to the numerous consulting activities of Professor Stephen E. Fienberg and requested a specific report on the time involved in that consultantship.

In response to questions from Regent Latz and a question by Regent McGuiggan, Vice President Koffler indicated that his office carefully reviews consulting requests and monitors the time requested, and does not recommend consulting requests if the time allowed in the administrative policy (1 day per 7 day week) is exceeded. He further indicated he would provide more details on Professor Fienberg's consulting activities.

After further discussion, the committee voted unanimously to recommend approval of the noncampus service requests.

CIVIL SERVICE CLASS CHANGES

Assistant Vice President Thomas submitted for approval the following Civil Service class changes:

- (1) Establish new Class 1466V, Management Information Systems Coordinator, effective May 1, 1977.
- (2) Establish new Class 3100V, Assistant Controller, Hospital, effective October 11, 1976.
- (3) Establish new Class 5238, Printing Scheduler, effective February 1, 1977.
- (4) Title change in Class 1102, Research Contract Advisor to Grant Administrator, effective April 1977.
- (5) Title change in Class 1103, Senior Research Contract to Senior Grant Administrator, effective April 1, 1977.
- (6) Title change in Class 1104, Principal Research Contract Advisor to Principal Grant Administrator, effective April 1, 1977.
- (7) Schedule and Pay Range Change of Class 6512F, Parking Attendant, Schedule C to Schedule B, \$565-685 to Rate Arranged, effective June 16, 1977.
- (8) Abolishment of Class 5244, Printing Estimator, effective June 1, 1977.

After discussion, the committee voted unanimously to recommend approval of the Civil Service Class changes.

PROMOTION AND TENURE RECOMMENDATIONS

Vice President Koffler submitted for approval the faculty members promotion and/or tenure recommendations to become effective at the beginning appointment terms of 1977-78. Dr. Koffler summarized the process

of promotion and/or tenure review and recommendation. Dr. Koffler also indicated scholarly output and teaching skills are important criteria considered in the review process.

It was noted of the 184 faculty member recommendations listed on the docket, 26 are for indefinite tenure with no promotion in rank; 58 are recommended for indefinite tenure with promotion in rank; and 100 with promotion in rank only, 70 of these 100 previously having tenure.

After discussion, the committee voted unanimously to recommend approval of the 1977-78 promotion and/or tenure recommendations.

FACULTY EARLY RETIREMENT PROGRAM

Vice President Walter Bruning submitted for approval a one year extension to the Faculty Retirement program previously approved by the Board of Regents. Mr. Bruning pointed out that due to the moving three year approval, action is needed each year by the Board of Regents.

After discussion, the committee voted unanimously to recommend a one year extension of the Faculty Early Retirement program through June 30, 1980.

CIVIL SERVICE COMPENSATION PLAN

Assistant Vice President William Thomas submitted for approval the Civil Service Compensation Plan which had met approval by the Civil Service Committee for the fiscal years 1977-1979.

Mr. Thomas highly commended his colleague, Mr. John Erickson, for the outstanding job he accomplished in developing the Civil Service Compensation Plan, especially since this was his first experience in developing such a plan.

In response to questions, Assistant Vice President Thomas explained the performance rating program for civil service staff.

Regent McGuiggan suggested that the Personnel Department inform all civil service employees of the benefits and limitations of the new dental plan. Mr. Thomas indicated that the civil service department has taken steps to communicate details of the new dental program, and that he and representatives in his department will continue to answer questions about the provisions of the plan.

After discussion, the committee voted unanimously to recommend approval of the Civil Service Compensation Plan for the fiscal years 1977-1979.

TEACHING OF TEACHING ASSISTANTS

Vice President Koffler introduced two graduate students -- Ms. Karen Hawley, Ph.D. in Management, and Ms. Harriet Lewis, Ph.D. in Archaeology --

who gave brief talks about their experiences in teaching as graduate assistants.

In response to questions from Regents Utz and Unger, Ms. Lewis indicated time spent in teaching and other duties, and both she and Ms. Hawley indicated that the teaching assistant program is an essential experience to those preparing for teaching as a career and is beneficial to the University.

Regent Latz indicated to central administration that presentations of this type should be considered as a part of the University presentation to Legislative committees. Dr. Koffler indicated his approval and Ms. Lewis also stated she would be happy to make such a presentation to legislators.

Voted to adjourn at 2:50 p.m.



DUANE A. WILSON, Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

Educational Policy and Long-Range Planning Committee

June 9, 1977

A meeting of the Educational Policy and Long-Range Planning Committee of the Board of Regents was held on Thursday, June 9, 1977, at 3:15 p.m. in the Regents' Room, 238 Morrill Hall.

Regents present: Regent Utz, presiding; Regents Goldfine, McGuiggan, Moore, and Unger.

Staff present: President Magrath; Vice Presidents French, Kegler, and Koffler; Messrs. Baker, Gault, Heller, Hewitt, Ibele, Linck, Pearlstein, Tall, Tierney, and Wilson; Mmes. Hillesland, Jenny, Lupton, O'Keefe, and Twite.

Student Representatives present: Maria Baltierra and Richard Kottke.

RADIATION THERAPY TECHNOLOGY TRAINING
PROGRAM, MEDICAL SCHOOL OF U OF M

Vice President Koffler submitted for approval the radiation therapy technology training program.

Regent Utz proposed that the phrase "assisting in or collaborating in" be inserted in the following sentence on page 1 of the abstract so that the sentence would read:

"Indeed, some states (Massachusetts, New York) already have laws which specify that the technicians (assisting in or collaborating in) treating patients with Radiation Therapy have special training and be examined and licensed."

Regent Utz indicated the original sentence implied these technicians were participating in the treatment of patients and were not actually involved in any kind of supervisory role in the management of patients.

After discussion, the committee voted unanimously to recommend approval of the radiation therapy technology training program of the University of Minnesota Medical School.

REVISED CIA CONSTITUTION

Vice President Koffler submitted for approval the revised CIA constitution, noting that the present constitution was cumbersome and tended to diffuse the faculty-student voice in the college, and that the proposed constitution would provide for a smaller but more active faculty-student voice in the affairs of the college.

After discussion, the committee voted unanimously to recommend approval of the constitution for the College of Liberal Arts.

AMENDMENTS-UNIVERSITY SENATE CONSTITUTION
AND BYLAWS

Vice President Koffler submitted for approval an amendment to the University Senate Constitution and Bylaws as follows:

Amend the Senate Constitution, Article III, Section 6, to read: (addition underscored)

6. "University Senate Officers
.... The President, with the consent of the Senate, shall appoint a clerk and a parliamentarian of the Senate, ~~who need not be a member of the Senate and~~ (nonmembers of the Senate) whose duties shall be prescribed in the Bylaws."

Amend the Senate Bylaws, Article I: (add Section 9)

9. "The parliamentarian shall advise the presiding officer or, upon request, any member of the Senate on matters pertaining to parliamentary procedure. Parliamentary authority for the Senate shall be Robert's Rules of Order Revised, provided said Rules are not in conflict with the Senate Constitution, Bylaws, or special Rules."

After discussion, the committee voted unanimously to recommend approval of the proposed amendments to the University Senate Constitution and Bylaws.

AGREEMENT/NORTHEAST MINNESOTA HISTORICAL CENTER,
ST. LOUIS COUNTY HISTORICAL SOCIETY, AND MINNESOTA
HISTORICAL SOCIETY

Provost Robert Heller of the Duluth Campus, submitted for approval the agreement between Northeast Minnesota Historical Center, the St. Louis County Historical Society, and the Minnesota Historical Society, which will provide for the preservation and use of historical materials for study and research purposes.

After discussion, the committee voted unanimously to recommend approval of the agreement.

UNIVERSITY COMMUNITY FEMINISTS

Ms. Jean Twite, a former University student, and Mary Hillesland, a CLA senior at the University, members of the University Community Feminists, asked that the Board of Regents reopen the abortion clinic at the University. Ms. Twite stated there was a definite need and indicated that the number of abortions were increasing each year. Ms. Twite also stated the University presently is not performing any 2nd trimester abortions.

Vice President for Health Sciences Lyle French indicated that three University doctors are presently performing abortions and that two or three additional new members of the medical faculty will perform abortions.

President Magrath submitted a statement stating the current University policy regarding abortions and indicated he fully supported keeping the clinic closed for in his view, this was not a number one priority item, especially when there are 10 to 15 clinics and hospitals in the Twin City areas performing abortions. President Magrath did express his concern that University women students receive adequate abortion information and asked the University Health Service to collect statistical data as to how the needs of University women students can be handled in this area.

In answer to a question, Mr. Robert Baker, Assistant Director of the University Hospital, responded that the abortion clinic was closed in 1975 because three members of the OB-GYN department took positions out of state, and that there were no other people to fill these positions. He also added that the demand for abortions at the University Hospital at that time had declined.

SAVE OUR UNWANTED LIVES

Ms. Jean O'Keefe, a junior in CLA, and Ann Jenny, a freshmen in CLA, members of and representing the Save our Unwanted Lives organization, presented a petition to the committee containing 366 signatures requesting that the abortion clinic remain closed.

Regent Unger indicated that the morality of abortions was not the issue, but rather the question was whether the University is complying with applicable laws and is following appropriate medical standards.

Vice President Lyle French indicated that the University is abiding by applicable laws and that the University policies on performing abortions are to protect the health and safety of the individual.

GRADUATE SCHOOL PROGRAM REVIEW PROCESS

Dean Warren Ibele of the Graduate School reported that a review of graduate school programs was instituted about three years ago, with resources provided by the Bush Foundation. He indicated that 110 programs of a total

of 170 have been reviewed, and that the target date for completion is June 30, 1979. He stated that the review process consists of a self-survey and the use of internal and external committees that provides for a unique and objective review of graduate programs.

AREA HEALTH EDUCATION CENTER

Dr. Edith Leyasmeyer, Director of the Area Health Education Center, (AHEC) briefly discussed the activities of the Center since its establishment in 1972 by virtue of a five-year contract with the National Institutes of Health.

She reported that the Area Health Education Center is an innovative concept which aims to improve the distribution, supply, quality, utilization, and efficiency of health personnel and the health services delivery system which links the university health sciences resources with community health providers, and health care and educational institutes, so that there can be greater sharing of resources, broader community-based learning experiences for medical, dental, and other health sciences students, and increased educational opportunities for area practitioners.

Dr. Leyasmeyer stated the main thrust of the AHEC project was on decentralization of the graduate and undergraduate health sciences education in the primary care disciplines. Dr. Leyasmeyer reported further that she felt the project was successful, and that it benefited students by giving them primary care situations by involving them with other health care practitioners, and by helping students learn firsthand experience about rural community living.

CAMPUS BOUNDARY REVIEW

Due to the lack of time, the review of the Morris Campus boundaries was held over until the July meeting.

Voted to adjourn at 4:35 p.m.



DUANE A. WILSON, Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

Student Concerns Committee

June 9, 1977

A meeting of the Student Concerns Committee of the Board of Regents was held on Thursday, June 9, 1977, at 3:10 p.m. in Room 300 Morrill Hall.

Regents present: Regent Krenik, presiding; Regents Latz, Lebedoff, Lee, and Schertler.

Staff present: Vice Presidents Bruning and Wilderson; Messrs. Imholte, Lewis, Preus, Sahlstrom, and Zander.

Student Representatives present: Tim Donovan, Mark Eckerline, and Terri Mische.

1977-78 STUDENT SERVICES FEES, MORRIS

Vice President Wilderson reported that since the May meeting, several more meetings had been held between the Fee Review Committee members and the Provost to resolve the issue relating to Men's Intercollegiate Athletics on the Morris Campus. Vice President Bruning reported that there are presently no other sources of funding available for this program. He requested that the committee recommend to the full Board approval of the administration's recommendation on the 1977-78 Student Services Fees for the Morris Campus, and allow the administration additional time to try to resolve this issue not only for the Morris Campus but for all of the coordinate campuses before the student fees are proposed for the next academic year.

In his comments, Regent Latz pointed out that there is a principle involved in this issue, that student services fees should be set for activities that the individual student derives benefit from, and not for those activities which are of institution-wide benefit. He stated that he was willing to vote for the administration's recommendation with the proviso that the administration be required to seek alternate sources of funding, including seeking funds from the Legislature, to support Intercollegiate Athletics on all of the coordinate campuses. If alternate sources of funds cannot be found, the support for this activity should be folded into tuition, he stated.

Regent Lebedoff agreed with the proviso as stated by Regent Latz, stating that this would be the last time he as a Regent would vote for such a recommendation.

After further discussion, Regent Latz moved approval of the administration's recommendation that the Student Services Fees for the Morris Campus be set at \$35.00 per student per quarter for 1977-78, with the proviso that the administration be required to seek alternate sources of funding for intercollegiate athletics on the coordinate campuses, including seeking funds from the Legislature. If no alternate source of funding can be found, a proposal to include incorporating the costs of intercollegiate athletics into the tuition at all coordinate campuses shall be brought to the committee in the fall of 1977 -- with October being the target date.

The committee voted unanimously to recommend approval of the motion as presented by Regent Latz.

1977-78 STATE AND FEDERAL STUDENT AID PROSPECTS

Mr. Sam Lewis, Director of the Student Financial Aids Office on the Twin Cities Campus, presented a brief overview of the resources available for student financial aid for the coming year. He estimated that requests for student financial aid would approximate \$4 million more than the University funds available for that purpose.

Voted to adjourn at 4:25 p.m.



DUANE A. WILSON, Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

Committee of the Whole

June 10, 1977

A meeting of the Committee of the Whole of the Board of Regents was held on Friday, June 10, 1977, at 8:40 a.m. in the Regents' Room, 238 Morrill Hall.

Regents present: Regent Moore, presiding; Regents Krenik, Latz, Lebedoff, Lee, McGuiggan, Peterson, Schertler, Unger, and Utz.

Staff present: President Magrath; Vice Presidents Bruning, French, Kegler, Koffler, Wilderson, Acting Vice President Brown, and Deputy Vice President Hueg; Messrs. Berg, Borgestad, Frederick, Grygar, Heller, Imholte, Johnson, Linck, Pearlstein, Preston, Sahlstrom, Tall, Tierney, and Wilson; Mmes. Clark and Lupton.

1977-78 BUDGET PLAN

Acting Vice President Brown presented a review of the 1977-78 budget plan for the University of Minnesota. Also presented by Assistant Vice President Thomas was a description of the Civil Service Compensation Plan.

Regent McGuiggan raised questions about federal capitation support funds as opposed to requesting that support from the state and requested that a discussion be held on capitation funds before the development of the University legislative request for 1979.

Regent Schertler suggested that another area for discussion prior to presentation of the University's budget request in 1979 might be the philosophy for inclusion of certain fees in tuition charges. Regent Krenik suggested that those students taking a more expensive track within the University might pay more tuition costs. President Magrath reported that a study of assessing tuition on a per credit basis was essentially complete and ready for administrative review. Regent Latz suggested that a review of that report when ready, might speak to some of the issues Regents were concerned with.

President Magrath assured the committee that there were many areas for discussion prior to the development of the 1979 legislative request

in which he felt the Regents should have an active part. He informed the committee that discussions relative to the topics discussed at this meeting could possibly be placed on the agenda for the Regents' Retreat scheduled for August or possibly begin discussion at the September Board of Regents meetings.

Regent Utz commended the administration for the fine job done on the development of the budget and its presentation to the Legislature, and offered the following resolution for adoption by the committee:

"RESOLVED, that the Board of Regents commends President Magrath for his personal attention and commitment to the development of the legislative request, for the effective presentation of that request to the Legislature, and for the success of this effort. Furthermore, the Board of Regents commends the many members of central administration and their staff who provided the essential support."

Regent Schertler seconded the motion, stating that it was a real tribute to the University team and the credibility associated with the request that the University was allocated approximately the same percentage of the request that had been allocated in the last biennium. The motion was unanimously approved by the committee.

Voted to adjourn at 10:20 a.m.



DUANE A. WILSON, Secretary

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

June 10, 1977

A meeting of the Board of Regents of the University of Minnesota was held on Friday, June 10, 1977, at 10:40 a.m. in the Regents' Room, 238 Morrill Hall.

Regents present: Krenik, Latz, Lebedoff, Lee, McGuiggan, Moore, Peterson, Schertler, Unger, and Utz. President Magrath presided.

Staff present: Vice Presidents Bruning, French, Kegler, Koffler, Wilderson, Acting Vice President Brown, and Deputy Vice President Hueg; Messrs. Berg, Borgestad, Frederick, Grygar, Heller, Imholte, Johnson, Linck, Pearlstein, Preston, Sahlstrom, Tall, Tierney, Wilson, and Zander; Mmes. Clark, Lupton, and Williams.

APPROVAL OF MINUTES

Voted unanimously to approve the minutes of the following meetings:

Special Physical Plant and Investments - May 12, 1977
Physical Plant and Investments - May 12, 1977
Faculty and Staff Affairs - May 12, 1977
Educational Policy and Long-Range Planning - May 12, 1977
Student Concerns - May 12, 1977
Committee of the Whole - May 13, 1977
Board of Regents Meeting - May 13, 1977

PRESENTATION - ROYAL SOCIETY OF ARTS

President Magrath presented the Royal Society of Arts Silver Medal to Regent Michael W. Unger, a 1977 graduate of the College of Liberal Arts, with the degree of Bachelor of Elected Studies.

ANNUAL BUSINESS - BOARD OF REGENTS

Regent Krenik presented the report of the Nominating Committee to nominate candidates for officers of the Board of Regents of the University of Minnesota.

He placed in nomination the name of Wenda W. Moore for the position of Chairman of the Board. The nomination was seconded and Regent Moore was unanimously elected as Chairman of the Board of Regents.

He then placed in nomination the name of Lloyd H. Peterson for the position of Vice Chairman of the Board of Regents. Regent Peterson requested that his name be withdrawn as a candidate for Vice Chairman, and nominated Regent David C. Utz for the position, and moved that a unanimous ballot be cast for Regent Utz as Vice Chairman. The motion was seconded and unanimously passed.

Regent Krenik than placed in nomination the name of Duane A. Wilson to continue as Secretary to the Board of Regents. Upon motion made and seconded, Mr. Wilson was unanimously elected as Secretary.

C. T. Johnson was nominated as Treasurer. Upon motion made and seconded, Mr. Johnson was unanimously elected as Treasurer.

The Board of Regents then unanimously approved the following meeting schedule for 1977-78:

July 14-15, 1977	Rochester
August 11-12, 1977	
September 8-9, 1977	
October 13-14, 1977	Waseca
November 10-11, 1977	
December 8-9, 1977	St. Paul
January 12-13, 1978	
February 9-10, 1978	
March 9-10, 1978	
April 13-14, 1978	
May 11-12, 1978	
June 8-9, 1978	Annual Meeting

Regent Lee offered the following resolution in recognition of the service and dedication with which Regent Neil C. Sherburne served the Board of Regents as its Chairman over the past two years:

"RESOLVED, that the Board of Regents express appreciation and gratitude to Regent Neil Sherburne for exemplary leadership of this Board for the past two years. His term as Chairman was marked by several innovations that contributed to the effectiveness of the Board of Regents, and we are glad he will continue to serve as a member of the Board."

The resolution was unanimously approved by the Board of Regents.

REPORT OF THE PRESIDENT

President Magrath noted that this meeting would be the last meeting that his assistant, Mitchell Pearlstein, would attend and expressed his appreciation for Mr. Pearlstein's services to the University of Minnesota.

He also reported that two major search committees are still at work to fill the positions of the Dean of the College of Education and the Vice President for Finance on a permanent basis.

REPORT OF THE STUDENT CONCERNS COMMITTEE

Regent Krenik, Chairman of the committee, reported that the committee recommended approval of the 1977-78 Student Services Fees for the Morris Campus, to be set at \$35.00 per student per quarter. He further stated that much discussion had been held on the issue of funding intercollegiate athletics out of student services fees on the coordinate campuses. He submitted the following resolution to the Board for approval:

"RESOLVED, that on the recommendation of the Provost, the Vice President for Student Affairs, and the President, the 1977-78 Student Services Fee for the University of Minnesota, Morris, be set at \$35.00 per student per quarter, with the proviso that the administration be required to seek alternate sources of funding for intercollegiate athletics on the coordinate campuses, including seeking funds from the Legislature. If no alternate source of funding can be found, a proposal to include incorporating the costs of intercollegiate athletics into the tuition at all coordinate campuses shall be brought to the committee in the fall of 1977 — with October being the target date."

The motion was seconded. Regent McGuigan stated that he would have to vote against the motion, stating that the issue should have been resolved on the campus and that students should have a greater input into what is charged as a student services fee.

Regent Latz then explained the reasons for the committee's action. Several Regents on the committee expressed concern about the philosophy of a student services fee, and the feeling that student services fees should be limited to activities for which students as individuals will receive some benefit, as opposed to an institution-wide benefit. He indicated that no alternative method of support was apparent, and the committee approved the administration's recommendation rather than to interrupt the athletics programs. He also stated that some members of the committee stated that this would be the last time they would approve the funding for intercollegiate athletics from student services fees on the coordinate campuses. The committee felt this was a satisfactory compromise for the present time.

Regent Lee also pointed out that in the committee's deliberations, the members were assured by administrative officials that when a proposal is presented to the committee, it will include a report on the feelings of the students from the various campuses.

After further discussion, the Board of Regents voted on a 9 to 1 vote to approve the recommendation of the Student Concerns Committee.

Regent Krenik further reported that the committee received an overview from Mr. Sam Lewis, Director of the Office of Student Financial Aids, on the outlook of state and federal financial aid funding for students at the University of Minnesota.

GIFTS

Mr. Richard Meyers presented to the Board of Regents the monthly list of gifts received by the University of Minnesota.

After discussion, the Board of Regents voted unanimously to approve all gifts. Documentation is filed supplement to the minutes, No. 21,255.

CONTRACT AND GRANT AWARDS

After discussion, the Board of Regents voted unanimously to approve the contract and grant awards, documentation filed supplement to the minutes, No. 21,256.

APPLICATIONS FOR CONTRACTS AND GRANTS

Vice President Koffler submitted for approval the applications for contracts and grants. After discussion, the Board of Regents voted unanimously to approve the applications for contracts and grants.

REPORT OF THE COMMITTEE OF THE WHOLE

Regent Moore reported that the committee held two meetings dealing with a review of legislative actions and the 1977-78 budget plan. The budget plan will be presented to the Board of Regents for action at their July meeting.

She further reported that the committee unanimously recommended approval of the following resolution commending President Magrath and his associates for the fine job done in presenting the University Legislative Request to the Legislature:

"RESOLVED, that the Board of Regents commends President Magrath for his personal attention and commitment to the development of the legislative request, for the effective presentation of that request to the Legislature, and for the success of this effort. Furthermore, the Board of Regents commends the many members of central administration and their staff who provided the essential support."

The Board of Regents voted unanimously to approve the resolution as presented.

REPORT OF THE EDUCATIONAL POLICY AND LONG-RANGE PLANNING COMMITTEE

Regent Utz, Chairman of the committee, reported that the committee voted unanimously to recommend the following actions:

- (a) Approval of the Radiation Therapy Technology Training Program, Medical School, Twin Cities Campus.

- (b) Approval of the revised constitution for the College of Liberal Arts, documentation filed supplement to the minutes, No. 21,257.
- (c) Approval of the following amendments to the University Senate Constitution and Bylaws, as follows:

Amend the Senate Constitution, Article III, Section 6, to read:

"6. University Senate Officers
. . . . The President, with the consent of the Senate, shall appoint a clerk and a parliamentarian of the Senate (nonmembers of the Senate) whose duties shall be prescribed in the Bylaws."

Amend the Senate Bylaws, Article I, as follows:
(Add Section 9)

"9. The parliamentarian shall advise the presiding officer or, upon request, any member of the Senate on matters pertaining to parliamentary procedure. Parliamentary authority for the Senate shall be Robert's Rules of Order Revised, provided said Rules are not in conflict with the Senate Constitution, Bylaws, or special Rules."

- (d) Approval of an Agreement between the Northeast Minnesota Historical Center, St. Louis County Historical Society, and Minnesota Historical Society, documentation filed supplement to the minutes, No. 21,258.

The Board of Regents voted unanimously to approve the recommendations of the Educational Policy and Long-Range Planning Committee.

Regent Utz further reported that representatives of the University Community Feminists and the Save Our Unwanted Lives (SOUL) groups appeared before the committee and made verbal presentations on the abortion issue. A copy of President Magrath's statement regarding the abortion services at the University was circulated, and Dr. Utz stated he felt that the statement did provide an explanation of the abortion services that the University does provide and further explained the extent to which this practice does integrate with the education and research functions of the medical school.

He also reported that Dr. Warren Ibele, Dean of the Graduate School, made a presentation on the Graduate School Program Review Process, and Dr. Edith Leyasmeyer reported on the Area Health Education Center (AHEC).

Due to the lack of time, the review of campus boundaries for the Morris Campus was delayed to the July meeting.

REPORT OF THE FACULTY AND STAFF AFFAIRS COMMITTEE

Regent Moore, Chairman of the committee, reported that the committee voted unanimously to recommend approval of the following:

- (a) Approval of the personnel items as presented to the committee and attached as Appendix I hereto.
- (b) Approval of the noncampus service requests as presented to the committee, and attached as Appendix II hereto.
- (c) Approval of the Civil Service Class Changes as presented to the committee and filed supplement to the minutes, No. 21,259.
- (d) Approval of the 1977-78 Promotion and Tenure Recommendations, documentation filed supplement to the minutes, No. 21,260.
- (e) Approval of a one year extension to the Faculty Retirement Plan, due to the moving three year approval. This will extend the provisions of the plan through June 30, 1980.
- (f) Approval of the Civil Service Salary Plan for fiscal years 1977 through 1979, documentation filed supplement to the minutes, No. 21,261.

The Board of Regents voted unanimously to approve the recommendations of the Faculty and Staff Affairs Committee.

Regent Moore further reported that the committee heard a presentation from Ms. Harriet Lewis and Ms. Karen Hawley on the teaching of Teaching Assistants.

REPORT OF THE PHYSICAL PLANT AND INVESTMENTS COMMITTEE

Regent Lee, Chairman of the committee, reported that the committee voted unanimously to recommend approval of the following actions and resolutions:

- (a) Approval of requisitions, journal vouchers and transfers of funds as presented to the committee.
- (b) Approval of Cancellation of Salary Overpayments in the amount of \$219.62.
- (c) Approval of Cancellation of Accounts Receivable for the Duluth Bookstore in the amount of \$142.80.
- (d) Approval of Cancellation of Uncollectible Accounts Receivable for University Hospitals for the first nine months of the fiscal year in the amount of \$120,930.94.

(Report covering requisitions, journal vouchers, transfers

of funds, cancellations of salary overpayments and cancellation of accounts receivable is filed supplement to the minutes, No. 21,262.)

- (e) Approval of Resolution re Authorization for Borrowing Funds - Minneapolis Heating Plant Bag Houses and Duluth Coal Gasification Plant, as follows:

"RESOLVED, that on the recommendation of the Acting Vice President for Finance and the President, the appropriate administrative officers are authorized to proceed with the planning and construction of the Minneapolis Heating Plant Bag Houses and the Duluth Campus Coal Gasification Plant, and to negotiate a bank loan not to exceed \$1,965,800 for the Minneapolis project and \$1,088,876 for the Duluth project, and to execute all necessary documents in connection with this loan."

- (f) Approval of Resolution re Authorization for Borrowing Funds for Waseca and Crookston Housing, as follows:

"RESOLVED, that on the recommendation of the Acting Vice President for Finance and the President, the appropriate administrative officers are authorized to arrange for the borrowing of funds for the construction of additional student housing in the amounts not to exceed \$240,000 for Crookston and \$320,000 for Waseca, and to execute all necessary documents in connection with the loans. The appropriate administrative officers are further authorized to submit an application to HUD for any kind of appropriate financial assistance available to the University for this purpose."

- (g) Approval of Resolution re Establishment of Captive Insurance Company, as follows:

"RESOLVED, that on the recommendation of the President and the Acting Vice President for Finance, the Acting Vice President for Finance is authorized and directed to proceed with the establishment of a Limited Liability Company (hereinafter 'Company') domiciled in an appropriate state or country, for the purpose of implementing and facilitating the reinsurance of certain parts of the University of Minnesota's comprehensive general liability insurance program;

"Further, that the name of this 'Company' shall be Regents' Insurers Ltd., or, in the event that such a name cannot be registered, such other appropriate corporate name as may be devised by the Acting Vice President for Finance;

"Further, that Messrs. C. Peter Magrath, Donald P. Brown, and R. Joel Tierney, shall serve as Provisional Directors of the

'Company' to be joined by required residents who shall be chosen and designated by the Acting Vice President for Finance and confirmed by the Secretary of the Board of Regents;

"Further, that the Acting Vice President for Finance will determine the appropriate accounts from which to provide the requisite paid-in-capital for the 'Company', and that the Par Value of the Shares of the 'Company' shall be \$1.00;

"Further, that each of the Provisional Directors is authorized to purchase ten (10) shares of stock in the 'Company' subject to a contractual agreement requiring that such shares be resold to the Regents of the University of Minnesota at 'par value' upon written notice from the Secretary of the Board of Regents; and

"Further, that the President and/or the Acting Vice President for Finance are authorized and directed to execute any and all documents necessary to carry out the intent of this resolution."

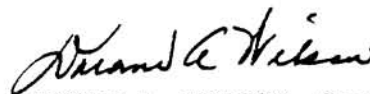
- (h) Approval of Resolution re Financing for Hearing Clinic, Unit B/C, as follows:

"RESOLVED, that on the recommendation of the Acting Vice President for Finance and the President, the appropriate administrative officers are authorized to negotiate and execute the Memorandum of Agreement with the Lions Multiple District 5M Hearing Foundation and the University of Minnesota Foundation, and the appropriate administrative officers are authorized to negotiate and execute a bank loan to finance the construction of the Lions International Hearing Center in space provided by the University on the 8th floor of Unit B/C."

The Board of Regents voted unanimously to approve the recommendations of the Physical Plant and Investments Committee.

Regent Lee further reported that the committee had reviewed the Investments Activity Report for April, 1977, and the contract awards for Other than Low Bidder and Sole Source Procurement.

Voted to adjourn at 11:35 a.m.



DUANE A. WILSON, Secretary

ACADEMIC PERSONNEL ACTIONS

AMENDMENTS OF MINUTES

November 12, 1976, Theodore R Anderson Professor Sociology sabbatical furlough for 1977-78 to be cancelled (change of plans)

January 14, 1977, Hans Courant Professor School of Physics and Astronomy sabbatical furlough for 1977-78 to be cancelled (change of plans)

May 14, 1976, Richard E Sykes Assistant Professor Sociology 40% time leave without salary for 1976-77 to read 40% time leave without salary September 16, 1976 to March 15, 1977 (returned early)

RETIREMENTS

LeRoy Anderson as Professor Emeritus Electrical Engineering effective June 15, 1977

Wayne J Anderson as Professor Emeritus General College effective June 15, 1977

James F Brown as Professor Emeritus Rhetoric effective June 15, 1977

Ralph S Grant as Professor Emeritus Animal Science effective June 30, 1977

Edwin L Haislet as Director and Professor Emeritus Alumni Relations effective June 30, 1977

Tom B Jones as Regents Professor Emeritus History effective June 15, 1977

Richard C Jordan as Professor and Head Emeritus Mechanical Engineering effective June 15, 1977

Milton Kernkamp as Professor Emeritus Plant Pathology effective June 30, 1977

Charles McLaughlin as Professor Emeritus Political Science effective June 15, 1977

R Dale Miller as Professor Emeritus Music Duluth effective June 15, 1977

Magnus Olson as Professor and Head Emeritus Zoology effective June 30, 1977

Harold O Peterson as Professor Emeritus Radiology effective June 30, 1977

Milo Peterson as Professor Emeritus Vocational and Technical Education effective June 30, 1977

A Glenn Richards as Professor Emeritus Entomology Fisheries and Wildlife effective June 30, 1977

Edward B Stanford as Professor Emeritus Library School effective June 15, 1977

Donald R Torbert as Professor Emeritus Art History effective June 15, 1977

Franklin Wallace as Professor Emeritus Zoology effective June 15, 1977

Ward M Wells as Professor Emeritus Physical Education Duluth effective June 15, 1977

Raymond Wolf as Professor and Extension Information Specialist Emeritus Department of Information and Agricultural Journalism and Agricultural Extension Service effective June 30, 1977

Sidney C Larson as Associate Professor Emeritus Electrical Engineering effective June 15, 1977

Juliette Myren as Associate Professor Emeritus Design effective June 30, 1977

Henry J Jeronimus as Assistant Professor and Director Emeritus Health Service Duluth on disability leave with salary effective April 30, 1977

TERMINATIONS

James A Goodman Professor and Director School of Social Work effective May 31, 1977

Jerome G Vestweber Associate Professor Veterinary Large Animal Clinical Sciences effective June 17, 1977

Phyllis C Reynolds Assistant Professor Psychiatry and Mental Hygienist Boynton Health Service effective June 15, 1977

APPOINTMENTS

Docket Appointments

	<u>White</u>		<u>Black</u>		<u>Hispanic</u>		<u>Asian</u>		<u>Am. I.</u>	
	M	F	M	F	M	F	M	F	M	F
June only		1								
July through June	36	7	1		2		1			
Non-docket Appointments										
June only	7	7					3			
July through June	300	145	5	9	7	2	17	3	1	1

Charles A Burton as Adjunct Associate Professor Mechanical Engineering March 16 to June 15, 1977 at \$500 Term CTH10 (\$15,000 B rate)

Gustaf D Hendrickson continuation of appointment as Head Hockey Coach Mens Athletics Duluth July 1, 1977 to April 15, 1980 at the rate of \$23,600 Term AC; this appointment is subject to a special contract

Frank J Rioux III continuation of appointment as Visiting Associate Professor Chemistry Duluth June 1-30, 1977 at \$1,001 Term CTH53 (\$22,667 A rate)

SPECIAL APPOINTMENTS

Robert A Phillips Assistant Professor Emeritus Horticultural Science to serve as Assistant Professor Department of Independent Studies April 25 to May 31, 1977 at \$600 for 50% time (72 years of age)

Ralph E Miller Professor and Director Emeritus Student Personnel College of Home Economics to continue to serve as Consultant Administration Institute of Agriculture Forestry and Home Economics July 1, 1977 to June 30, 1978 at \$230 per month for 11% time (69 years of age)

PROMOTIONS AND TRANSFERS

Thomas J Wood Director Lake Superior Basin Studies Duluth at \$25,200 Term AE to serve in addition as Adjunct Associate Professor Physical Education Duluth without change in salary rate or term March 16 to June 30, 1977

James T Borgestad from Administrative Assistant Office of the Vice President for Institutional Planning and Relations at the rate of \$14,000 Term AE February 16 to June 30, 1977 to Assistant to the President Office of the President at \$16,500 Term AE for 1977-78

Gary E Engstrand from Administrative Fellow II Office of the Vice President for Administrative Operations at \$6,342 Term CTH75 (\$12,684 A rate) October 1, 1976 to May 31, 1977 to Assistant to the Vice President for Administrative Operations at the rate of \$14,000 Term AEH80 (\$17,500 A rate) March 1 to June 30, 1977

John S Hoyt Jr Professor and Program Director Computer Systems and Extension Economist Regional Development Agricultural and Applied Economics Agricultural Extension Service - Computer Information Systems Institute of Agriculture Forestry and Home Economics Administration at \$34,730 Term AP and \$420 Term AT administrative augmentation to serve in addition as Acting Head Department of Information and Agricultural Journalism at the rate of \$3,000 Term AT administrative augmentation April 16 to June 30, 1977

SALARY ADJUSTMENTS

Robert O Mulhausen Professor Medicine from \$47,148 (\$36,050 Term AP \$11,098 Term AT) to the rate of \$49,230 (\$36,050 Term AP \$13,180 Term AT) beginning January 1, 1977

Donald L Erickson Associate Professor Neurosurgery from \$23,685 Term AP to the rate of \$24,166 (\$23,685 Term AP \$481 Term AT) beginning January 1, 1977

Jon L Geadelmann Associate Professor Agronomy and Plant Genetics from \$22,500 Term AP to the rate of \$24,500 Term AP beginning May 1, 1977

George T Wier Clinical Professor Anesthesiology from \$39,044 (\$27,553 Term AT \$11,491 Term AT) to the rate of \$41,387 (\$27,553 Term AT \$13,834 Term AT) January 1 to June 30, 1977

Robert G Bjornson Associate Professor Radiology from \$37,543 (\$27,600 Term AT \$9,943 Term AT) to the rate of \$39,795 (\$27,600 Term AT \$12,195 Term AT) January 1 to June 30, 1977

Thomas H Comfort Associate Professor Orthopaedic Surgery from \$37,543 (\$24,246 Term AT \$13,297 Term AT) to the rate of \$39,795 (\$24,246 Term AT \$15,549 Term AT) January 1 to June 30, 1977

Erick Y Hakanson Associate Professor Obstetrics and Gynecology from \$39,044 (\$23,144 Term AT \$15,900 Term AT) to the rate of \$41,387 (\$23,144 Term AT \$18,243 Term AT) January 1 to June 30, 1977

Jane E Hodgson Associate Professor Obstetrics and Gynecology from \$32,438 (\$21,630 Term AT \$10,808 Term AT) to the rate of \$34,386 (\$21,630 Term AT \$12,756 Term AT) January 1 to June 30, 1977

Harry I Katz Clinical Associate Professor Dermatology from \$21,629 Term ATH75 (\$28,839 A rate) to the rate of \$22,926 Term ATH75 (\$28,839 Term AT \$1,729 Term AT) January 1 to June 30, 1977

Vicente Tuason Associate Professor Psychiatry from \$37,543 Term AT to the rate of \$39,795 (\$37,543 Term AT \$2,252 Term AT) January 1 to June 30, 1977

LEAVES OF ABSENCE

Robert E Sloan Professor Geology and Geophysics leave with salary May 2 to June 10, 1977 on account of injury

David J Bennett Associate Professor School of Architecture and Landscape Architecture leave without salary May 1 to June 15, 1977 for personal reasons

Gordon W Gullion Associate Professor Entomology Fisheries and Wildlife leave without salary July 1 to August 31, 1977 to serve on a Task Force to develop aspen management programs for the National Forests in Colorado and Wyoming

Dennis R Holloway Associate Professor School of Architecture and Landscape Architecture leave without salary for 1977-78 to assume a one year faculty research position at the University of Colorado College of Environmental Design in Boulder, Colorado

Carl H Poppe Associate Professor School of Physics and Astronomy continuation of leave without salary for 1977-78 to assume temporary scientific staff position at Lawrence Livermore Laboratory Livermore California

Joel Spruck Associate Professor School of Mathematics leave without salary for 1977-78 to do research at Courant Institute at the University of New York

SABBATICAL FURLOUGHS

Paul K Alkon Professor English sabbatical furlough for 1977-78 to write an essay on Defoe and the language of probability; to revise the manuscript of a book on time in Defoe's fiction and to serve as a Visiting Professor at Ben Gurion University of the Negev, Beersheba, Israel

Peter F Briggs Professor Psychiatry sabbatical furlough for 1977-78 to examine the psychological care offered to multiply disabled children and their families to obtain a perspective on the operation of the service system that has grown up without planning and continues largely without evaluation with time to be spent in the Twin Cities and San Diego, California

Gopinath Kallianpur Professor School of Mathematics sabbatical furlough for 1977-78 to do research on stochastic differential equations and stochastic control, complete a book on Stochastic Non-linear Filtering Theory and work on a book on Gaussian Processes with time to be spent at the Indian Statistical Institute in Calcutta, India

Lawrence Markus Professor School of Mathematics sabbatical furlough December 16, 1977 to June 15, 1978 to participate in mathematical research on differential geometry and catastrophe theory and on stochastic dynamics with time to be spent at the University of Warwick, England and the Imperial College in London

William F Pohl Professor School of Mathematics sabbatical furlough for 1977-78 to do research in the field of differential geometry with particular attention on certain problems in tight immersions, characteristic classes and integral geometry with time to be spent at the Institut des Hautes Etudes Scientifiques, Bures sur Yvette, France and the University of Minnesota

Rudolph I Schauer Professor Art Duluth sabbatical furlough for 1977-78 to pursue and develop creative ideas and research projects in teaching areas of jewelry, crafts, watercolor and design with time to be spent in a studio in Duluth

Thomas E Straw Associate Professor Division of Science and Mathematics Morris sabbatical furlough for 1977-78 to prepare manuscripts for publication on research in plankton phosphorus dynamics and to intensify studies of mathematical applications in biology, particularly modeling to be used in current experiments in plankton population and nutrient dynamics with time to be spent in Morris

Elmer L Thomas Professor Food Science and Nutrition sabbatical furlough October 1, 1977 to September 30, 1978 to study the relation of feeding practices and compositional parameters to processing characteristics of milk and milk systems, with emphasis on factors influencing coagulability and deposit formation in heat exchangers and to review education and research activities in dairy and food processing technology with time to be spent at the National Institute for Research in Dairying at the University of Reading, England

Virginia H Gray Assistant Professor Political Science sabbatical furlough for 1977-78 to do a comparative study of the effect of the Safe Streets Act upon intergovernmental relations with time to be spent in Washington, D C

Dennis R Templeman Assistant Professor Division of Social Sciences Morris sabbatical furlough for 1977-78 to read recent literature in areas relevant to research and teaching including anthropology of politics, religion in South Asia, social stratification and anthropological theory, etc, and to complete research and prepare two papers; one on politics among urbanizing Indian castes and another on religious change among Asian merchantile groups with time to be spent in California

Catherine J Deml County Extension Agent and Assistant Professor - Cass County Agricultural Extension Service West Central District sabbatical furlough April 1, 1977 to March 31, 1978 to pursue studies in the fields of Sociology, Communication, Economics and Education with time to be spent at the University of Minnesota

CIVIL SERVICE PERSONNEL ACTIONS

RETIREMENTS

Havard W Archerd as Principal Student Personnel Worker Emeritus Student Development Service Duluth effective June 30, 1977

Alfred Cheese as Controller Emeritus Business Office effective June 30, 1977

Ronald Deters as Clinic Physician Emeritus Health Service effective June 30, 1977

TERMINATIONS

Mary H Alcorn Clinical Director Nursing Services University of Minnesota Hospitals effective April 1, 1977

Bradley W Holmgren Hospital Pharmacist University of Minnesota Hospitals effective May 4, 1977

Frank L Sampson Jr Principal Systems Analyst Administrative Data Processing Department effective May 20, 1977

Robert M Trover Nurse Anesthetist University of Minnesota Hospitals effective March 23, 1977

APPOINTMENTS

Peter M Brask as Supervising Systems Software Programmer Administrative Data Processing Department April 11 to June 30, 1977 at the rate of \$25,512 Term AS

Phillip F Fishman as Director Student Legal Services University Student Legal Service Program Office for Student Affairs April 18 to June 30, 1977 at the rate of \$28,500 Term AS

Donald W Creighton as Supervising Systems Software Programmer Administrative Data Processing Department April 11 to June 30, 1977 at the rate of \$25,512 Term AS

DeWayne C Hillman as Senior Scientist Laboratory Medicine and Pathology April 1 to June 30, 1977 at the rate of \$13,120 Term ASH65 (\$20,184 A rate)

Jung-Keun Lee as Scientist Laboratory Medicine and Pathology April 1 to June 30, 1977 at the rate of \$17,256 Term AS

Sandra L Myers as Senior Systems Software Programmer Administrative Data Processing Department May 9 to June 30, 1977 at the rate of \$21,816 Term AS

PROMOTIONS AND TRANSFERS

Craig H Anderson from Senior Systems Analyst Administrative Data Processing Department at \$19,404 Term AS to Senior Analyst/Programmer at the rate of \$20,184 Term AS April 1 to June 30, 1977

James Dragon from Associate Scientist School of Physics and Astronomy and Geology and Geophysics at \$16,584 Term AS to Scientist Geology and Geophysics at the rate of \$17,256 Term AS February 1 to June 30, 1977

Craig A Johnson from Senior Systems Analyst Administrative Data Processing Department at \$19,404 Term AS to Senior Analyst/Programmer at the rate of \$20,184 Term AS April 1 to June 30, 1977

Fred Knotek from Senior Systems Analyst Administrative Data Processing Department at \$18,660 Term AS to Senior Analyst/Programmer at the rate of \$20,184 Term AS April 1 to June 30, 1977

Steve R LaPorte from Senior Systems Analyst Administrative Data Processing Department at \$17,256 Term AS to Senior Analyst/Programmer at the rate of \$18,660 Term AS April 16 to June 30, 1977

Wayne F Mudgett from Senior Applications Programmer Administrative Data Processing Department at \$18,660 Term AS to Senior Analyst/Programmer at the rate of \$19,404 Term AS April 1 to June 30, 1977

Marilyn L Twogood from Nutrition Service Associate Director Hospital University of Minnesota Hospitals at \$19,404 Term AS to Scientist School of Public Health at the rate of \$20,184 Term AS April 28 to June 30, 1977

SALARY ADJUSTMENTS

Arlick H Anderson Sergeant Department of Police from \$18,276 Term AS to the rate of \$19,740 Term AS January 1 to June 30, 1977

Donald R Banham Sergeant Department of Police from \$18,276 Term AS to the rate of \$19,740 Term AS January 1 to June 30, 1977

Keith E Bolin Sergeant Campus Police Duluth from \$16,908 Term AS to the rate of \$18,900 Term AS January 1 to June 30, 1977

Peter Borchert Senior Scientist Laboratory Medicine and Pathology from the rate of \$22,188 Term AS July 1 to December 31, 1976 and the rate of \$22,692 Term AS January 1 to June 30, 1977 Term AS to the rate of \$24,000 Term AS September 16 to December 31, 1976 and the rate of \$24,540 Term AS January 1 to June 30, 1977

James L Brundage Sergeant Department of Police from \$17,976 Term AS to the rate of \$19,320 Term AS January 1 to June 30, 1977

John C Foley Acting Lieutenant Department of Police from the rate of \$19,152 Term AS December 8, 1976 to March 31, 1977 to the rate of \$20,664 Term AS January 1 to March 31, 1977 and Sergeant from the rate of \$18,276 Term AS April 1 to June 30, 1977 to the rate of \$19,740 Term AS April 1 to June 30, 1977

Francis J Gernandt Lieutenant Department of Police from \$19,716 Term AS to the rate of \$21,168 Term AS January 1 to June 30, 1977

Marilyn Gorlin Administrator Psychoeducational Studies from \$20,184 Term AS to the rate of \$20,988 Term AS May 1 to June 30, 1977

Thomas J Grochowski Senior Analyst/Programmer Administrative Data Processing Department Duluth from \$19,404 Term AS to the rate of \$20,988 Term AS May 1 to June 30, 1977

Claude L Jarvis Sergeant Department of Police from \$18,276 Term AS to the rate of \$19,740 Term AS January 1 to June 30, 1977

Robert A Jarvis Senior Analyst/Programmer School of Dentistry from \$13,995 Term ASH75 (\$18,660 A rate) to the rate of \$14,553 Term ASH75 (\$19,404 A rate) June 1-30, 1977

Charles W Jones Sergeant of Police Administration Morris from \$17,986 Term AS to the rate of \$19,320 Term AS January 1 to June 30, 1977

Mykola Malinowsky Supervisor Inpatient Dispensing Pharmacy University of Minnesota Hospitals from \$22,692 Term AS to the rate of \$23,568 Term AS April 1 to June 30, 1977

Harry A Michalicek Sergeant Department of Police from \$17,976 Term AS to the rate of \$19,320 Term AS January 1 to June 30, 1977

Steven R Patterson Senior Analyst/Programmer Administrative Data Processing Department Duluth from \$18,660 Term AS to the rate of \$20,184 Term AS April 16 to June 30, 1977

John F Roby Assistant Director Purchasing and Stores Purchasing Department from \$19,404 Term AS to the rate of \$20,184 Term AS May 16 to June 30, 1977

David M Schwamm Employee Benefits Operations Manager Employee Benefits from \$21,816 Term AS to the rate of \$22,692 Term AS May 1 to June 30, 1977

Ronald G Stanford Sergeant Department of Police from \$18,276 Term AS to the rate of \$19,740 Term AS January 1 to June 30, 1977

Bruce A Troupe Sergeant Department of Police from \$17,676 Term AS to the rate of \$18,900 Term AS January 1 to June 30, 1977

DeWayne L Varnes Principal Research Shop Foreman School of Dentistry Administration from the rate of \$18,972 Term AS July 1 to December 31, 1976 and the rate of \$19,404 Term AS January 1 to June 30, 1977 to the rate of \$20,520 Term AS November 1 to December 31, 1976 and the rate of \$20,988 Term AS January 1 to June 30, 1977

James A Verbrugge Sergeant Department of Police from the rate of \$17,508 Term AS July 1, 1976 to February 28, 1977 and the rate of \$18,276 Term AS March 1 to June 30, 1977 to the rate of \$18,900 Term AS January 1 to February 28, 1977 and the rate of \$19,740 Term AS March 1 to June 30, 1977

Fulton C Wilson Captain of Police Campus Police Duluth from \$21,816 Term AS to the rate of \$22,692 Term AS May 1 to June 30, 1977

The following Lieutenants Department of Police from \$20,016 Term AS to the rate of \$21,588 Term AS January 1 to June 30, 1977

Wayne M Boysen	Hugh A Pettygrove
Ralph C Burbach	Darrold E Telle
Arthur W Halpin	Donald L Wiebe
Arthur G Kirby Sr	

The following Civil Service staff who have salaries at the \$16,584 beginning level or above and therefore appear on the printed Board of Regents' docket, received performance increases effective June 1, 1977 Term AS

	<u>Present</u>	<u>Proposed</u>
	Salary	Salary
THE BUSINESS OFFICE		
David R Bye, Principal Systems Analyst	\$23,568	\$24,540
Ellis E Elstad, Accounting Supervisor	21,816	22,692
Kenneth L Erickson, Bursar	21,816	22,692
Dale F Reedstrom, Property Accounting Supervisor	23,568	24,540
Byron C Smith, Business Office Services Manager	21,816	22,692
RESEARCH ADMINISTRATION		
Marianne Sturtevant, Assistant to the Director Office of Sponsored Programs and Senior Research Contract Advisor Office of Research Administration	16,992	17,672
ADMINISTRATIVE DATA PROCESSING DIVISION		
Michael J Allmann, Senior Analyst/Programmer	21,816	22,692
OFFICE OF INVESTMENT AND CASH MANAGEMENT		
Philip R Morean, Assistant Investment Manager	17,940	\$18,660

OFFICE OF STUDENT AFFAIRS

Orlo B Austin, Assistant Director Office of Student
Financial Aids 22,692 23,568

UNIVERSITY COMPUTER CENTER

Andrew B Mickel, Systems Software Programmer 16,584 17,256

DEPARTMENT OF UNIVERSITY RELATIONS

Maureen C Smith, Senior Editor 20,184 20,988
Emmy W Storholm, Administrator 21,816 22,692

UNIVERSITY COMPUTER CENTER - SUPPORT

Kevin C Matthews, Senior Systems Software Programmer 21,816 22,692

ACCOUNTING AND BUDGETS, LIBERAL ARTS

Betty Jo Points, Fiscal Officer 20,988 21,816

LABORATORY MEDICINE AND PATHOLOGY

Jennine L Speier, Scientist 20,988 21,816

PEDIATRICS

Charles E Gooder, Administrative Director 25,512 26,532
Leland G Hansen, Scientist 20,988 21,816
Stephen A Skjold, Scientist 19,404 20,184

PHYSICAL MEDICINE AND REHABILITATION

John Schatzlein, Community Program Assistant 17,256 17,940

SUMMER SESSION

Virginia L Anderson, Administrator 19,404 20,988

MEN'S INTERCOLLEGIATE ATHLETICS

Kenneth H Buell, Athletic Ticket Manager 19,404 20,184

BIOCHEMISTRY COLLEGE OF BIOLOGICAL SCIENCES

Christopher C Q Chin, Scientist 20,184 20,988

UNITED INSTRUCTIONAL TELEVISION - INSTITUTE OF TECHNOLOGY

Frederick L Street, Senior Engineer 22,692 23,568

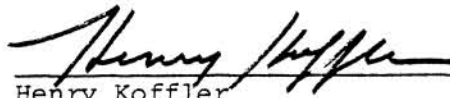
SUPPLEMENTAL DOCKET

Jeanne T Lupton from Assistant to the President Office of the President and Professor Social and Behavioral Sciences General College at \$31,500 Term AP for 1976-77 to Associate to the President and Professor at the rate of \$34,500 Term AP beginning July 1, 1977

NONCAMPUS SERVICE REQUESTS

June, 1977

As Vice President for Academic Affairs, and on behalf of the President, I have examined the noncampus service requests and certify that all requests conform to the Board of Regents' policies on Consulting and Outside Work, and Outside Affiliations, and the appropriate administrative policies relating to noncampus service, professional and consulting activity. All are recommended for approval.



Henry Koffler
Vice President, Academic Affairs

ACADEMIC AFFAIRS

Alan D. Robinette, Research Associate, Center for Urban and Regional Affairs
+ Professional services for U.S. Fish and Wildlife Service, Department of the Interior as advisor in resource planning for national wildlife refuges.

INSTITUTE OF AGRICULTURE, FORESTRY AND HOME ECONOMICS

Roland H. Abraham, Professor and Director, Agricultural Extension Service
Professional services for Governor's Rural Affairs Council to serve on the Council representing the Agricultural Extension Service and the Minnesota USDA Rural Development Committee.

Patrick J. Borich, Professor, Agricultural Extension Service
Professional services for ECOP Subcommittee on Staff Development-Personnel
+ as subcommittee member; for Western Extension Winter School - University of Arizona to teach winter school extension course; for Minnesota Association
+ of Continuing and Adult Educators (MACAE) to serve on Board of Directors; for Diabetes Education Center as lecturer.

Wayne H. Hanson, Professor, Agricultural Extension Service
+ Professional services for Minnesota State Agricultural Society to assist superintendent of swine during the period from August 25 to September 1.

Leonard B. Hertz, Associate Professor, Horticultural Science and Landscape Architecture, Agricultural Extension Service
+ Professional services for Minnesota Fruit Growers Association as Secretary.

George D. Marx, Associate Professor, Northwest Experimental Station
+ Professional services for Agriscroices Foundation as visiting professor for the International Livestock School.

William Matalamaki, Professor and Superintendent, North Central School and Experimental Station
+ Professional services for Arrowhead Regional Development Commission to serve on Board of Directors of Arrowhead Regional Development Commission.

INSTITUTE OF AGRICULTURE, FORESTRY AND HOME ECONOMICS (Continued)

David M. Nelson, Professor, Agricultural Extension Service

- + Professional services for Boise State University as consultant on computer systems analysis and data base; for United Way of Minneapolis Area on research and evaluation committee.

William S. Penning, Associate Professor, Agricultural Extension Service

- + Professional services for City of Thief River Falls as Alderman, 4th Ward.

Harlund G. Routhe, Professor, Associate Director, Agricultural Extension Service

- + Professional services for Feeders Incorporated as Management Consultant;
- + for North Central Regional Rural Development Center as Director on Board and Representative of North Central Extension Directors; for Minnesota Methodist Conference as Chairman, Task Force on Missional Priorities and Economic Consultant on World Hunger Priorities for Minnesota Methodist Conference; for Midwest Banking Institute as Director, MBI Board of Directors and to serve as institutional representative and curriculum advisor.

Lawrence R. Simonson, Associate Professor and Extension Specialist, Tourist Service, Agricultural Extension Service

- + Professional services for Dairyland Electric Cooperative, Grand Rapids, Minnesota as Director.

Kenneth L. Walter, Research Fellow-Asst. to the Superintendent, Agricultural Experiment Station

Professional services for American Society of Agricultural Engineers - Minnesota Section as Third Vice President.

COLLEGE OF AGRICULTURE

Paul B. Addis, Professor, Food Science and Nutrition

- + Professional services for John C. Bledsoe to advise on certain procedures involved with the thermal processing of muscle meat and on matters of food handling, distribution and quality maintenance. Also on matters related to product and process development.

Ira R. Adelman, Assistant Professor, Entomology, Fisheries, and Wildlife

- + Professional services for Northern States Power as an observer, assessor, and a critic of bioassays conducted by a private consultant on the NSP Sherco plant effluent for the purpose of judging the adequacy of the work.

John Blackmore, Professor, Agricultural and Applied Economics

- + Professional services for Midland Cooperative Services, Inc. as Member of Board of Directors.

Marion Brooks-Wallace, Professor, Entomology, Fisheries, & Wildlife

Professional services for Society for Invertebrate Pathology as member of editorial board, reviewing manuscripts submitted for publication in Journal of Invertebrate Pathology.

COLLEGE OF AGRICULTURE (Continued)

Vernon B. Cardwell, Associate Professor, Agronomy and Plant Genetics
+ Professional services for American Society of Agronomy as Chairman Teaching Committee and Chairman Minnesota State Membership Committee.

Francis deVos, Professor and Director of the Landscape Arboretum, Horticultural Science & L.A.

Professional services for American Association of Botanic Gardens & Arboreta to serve on National Diploma in Horticulture Committee Nominating Committee; for Longwood Gardens Foundation on Visiting Committee.

John A. Goodding, Professor and Assistant Dean, College of Agriculture - Admin.
Professional services for USDA - NASULGC Joint Committee on Education for Government Service as Member; for Resident Instruction Committee on Organization and Policy, Division of Agriculture, NASULGC as Secretary.

David F. Grigal, Associate Professor, Soil Science

+ Professional services for Barr Engineering Company to provide guidance in soil science to team of engineers developing criteria for evaluating the design and operation of residual landfill disposal sites.

Dale R. Hicks, Professor, Agronomy and Plant Genetics

Professional services for State of Minnesota to serve on Drought Aid Task Force Committee.

Herbert G. Johnson, Professor, Plant Pathology & Agricultural Extension Service

Professional services for Plant Disease Reporter, USDA to edit manuscripts.

Roger E. Machmeier, Professor and Extension Agricultural Engineer, Agricultural Engineering and Agricultural College Extension Service

+ Professional services for Resource Engineering as consultant on agricultural engineering problems of water and waste management.

Howard A. Morris, Professor, Food Science and Nutrition

Professional services for Dairy, Food and Nutrition Council of Minnesota as member of Board of Directors; for North Central Cheese Industry Association as Advisor.

Joseph R. Sowokinos, Associate Professor, Horticultural Science & L.A.

+ Professional services for Potato Chip/Snack Food Association on two year appointment to an advisory committee to update on research in area of potatoes.

Wesley B. Sundquist, Professor and Head of Department, Agricultural and Applied Economics

Professional services for Division of Advanced Energy and Resources Research and Technology National Science Foundation to review results of research funded by Nat. Science Fndtn. and provide evaluation of the research and suggestions for modifications for future work.

COLLEGE OF AGRICULTURE (Continued)

Harold B. Swanson, Professor, Information and Agricultural Journalism
Professional services for Minnesota Association of Continuing Adult Education as Co-editor of MACAE and as potential author of history of adult education in Minnesota.

+ Elmer L. Thomas, Professor, Food Science and Nutrition, Schwan's Sales Enterp., Inc.
Professional services for Schwan's Sales Enterprises, Inc. as consultant to management on production and marketing problems related to dairy and other food products.

Deane A. Turner, Professor, College of Agriculture - Administration
Professional services for Minnesota College Government Council to serve as Chairman of the Educational Services Committee which conducts research relating to the educational qualifications of government employees and the curricula of higher education institutions of Minnesota which prepare individuals for government employment.

Edmund A. Zottola, Professor, Food Science & Nutrition
Professional services for Poultry and Egg Institute of America as member of Microbiological Research Committee. Meet off-campus twice per year and assess microbiological research needs in poultry and eggs; for Dairy Quality Control Institute, Inc. as technical adviser to advise manager on solution of technical problems, and assist in the setting up and development of new programs, upgrading of old programs.

COLLEGE OF FORESTRY

James L. Bowyer, Assistant Professor, Forest Products
Professional services for Forest Products Research Society, Upper Mississippi Valley Section as Section officer (Vice-Chairman)

Paul V. Ellefson, Associate Professor, Forest Resources
Professional services for Resources For The Future as consultant.

+ Roland O. Gertjejansen, Professor, Forest Products
Professional services for Forest Products Research Society - Upper Mississippi Valley Section; for Wood Science Services to provide consulting services to wood products firms requiring technical assistance. This may involve tests to evaluate products and product modifications which have been designed to meet customer and commercial standard requirements.

+ John G. Haygreen, Professor and Head, Forest Products
Professional services for Wood Science Services to provide consulting services to a variety of firms regarding the engineering and design of wood products. This involves product analysis, verification of standards conformance and consultation on proper selection and application of forest products.

Timothy Knopp, Assistant Professor, Forest Resources
Professional services for DNR as member of Advisory Committee: Outdoor Recreation Planning Technical Advisory Committee.

COLLEGE OF FORESTRY (Continued)

Merle P. Meyer, Professor, Forest Resources

- + Professional services for Ecological Consultants, Inc. as assistant in use of aerial photography in design and implementation of resources surveys, strip mine operations monitoring.

Marvin E. Smith, Professor Forest Resources

- + Professional services for Minnesota Christmas Tree Growers Association as Executive Secretary

Carl E. Vogt, Assistant Extension Forester, Forestry Resources

- + Professional services as Self-employed, part-time as consultant Forester, site planning.

COLLEGE OF HOME ECONOMICS

Paula Berry, Assistant Professor, Family Social Science

Professional services for private practice, Advisory Board Senior Citizens on marriage and family counseling.

Linda G. Budd, Assistant Professor, Family Social Science

- + Professional services for Judson Family Center as marriage/family counselor.

Charlene Burningham, Instructor, Design

- + Professional services for Metropolitan State University for student evaluations of prior learning; for St. Paul Public Schools Adult Education as teacher.

Richard Fowler, Assistant Professor, Family Social Science

- + Professional services for Judson Family Center as consellor on Marriage and Family.

M. Geraldine Gage, Professor, Family Social Science

- + Professional services for St. Paul Technical Vocational Institute as consultant on preparation of audio-visual materials for non-hearing consumers.

Delores Ann Ginthner, Instructor, Design

- + Professional services in private practice as Interior Designer.

James Hawkins, Associate Professor, Family Social Science

- + Professional services for Private consulting practice on marriage and family counseling.

Richard N. Hey, Professor, Family Social Science

- + Professional services for Judson Family Center and private practice as consellor on marriage and family.

Robert F. Johnson, Professor, Textiles and Clothing

- + Professional services for several State and Federal agencies and several legal firms as consultant on fire safety and for specific burn injury cases involving textile products.

COLLEGE OF HOME ECONOMICS

Mary F. Lamison, Professor, Family Social Science
Professional services for Land-O-Lakes and First National Bank, Minneapolis as member of Consumer Advisory Board and Educational Advisory Board.

Jane Marie Lillestol, Instructor, Administration
+ Professional services for Magnatours, Inc. to sell travel packages and direct tours.

Gerhard Neubeck, Professor, Family Social Science
+ Professional services in private practice and Correctional Service of Minnesota as Consultant.

David Olson, Professor, Family Social Science
+ Professional services for Education for Marriage, Inc. as consultant on evaluation of pre-marital counselling/education program.

Paul C. Rosenblatt, Professor, Family Social Science
Professional services for Behavioral Science Research for editorial review.

COLLEGE OF BUSINESS ADMINISTRATION

Ross E. Azedo, Assistant Professor, Industrial Relations
+ Professional services for Institute for Manpower Program Analysis, Consultation & Training for preparation of position and analysis papers on individual manpower programs.

J. Stephen Heinen, Assistant Professor, Management and Transportation
+ Professional services for Precision Cosmet for designing and conducting a management development program.

Paul F. Jessup, Professor, Finance & Insurance
+ Professional services for Gerbill, Inc. as Director.

Mary E. Lippitt, Assistant Professor, Management and Transportation
+ Professional services for Precision Cosmet, Inc. in Management development program.

George T. Milkovich, Professor, Industrial Relations
Professional services for Personnel Decisions Research Institute as research consultant; for Metropolitan State University as research consultant.

Patrick R. Pinto, Associate Professor, Industrial Relations
+ Professional services for Performance Improvement Associates as an Industrial Psychologist to provide human resource management assistance to business and governmental clients.

Charles R. Purdy, Associate Professor, Accounting
Professional services for Northstar Chapter of National Association of Accountants; for American Association of Accountants on Editorial Review Board for the Accounting Review, and Vice President in charge of Education.

COLLEGE OF BUSINESS ADMINISTRATION (Continued)

George Seltzer, Professor, Industrial Relations

- + Professional services for Public Employment Relations Board, State of Minnesota as Public Member.

Robert K. Zimmer, Professor and Chairman, Accounting

- + Professional services for Sun Newspaper as professional witness on a Sherman Anti-trust case against Minneapolis Star & Tribune and Pioneer Press.

COLLEGE OF CONTINUING EDUCATION AND EXTENSION

Elizabeth A. Coles, Instructor, Older Adult Program

- + Professional services for Lutheran Homes Nursing Home as trainer for nursing home staff in aging education.

William Hoffman, Director and Professor, Continuing Education in Social Work.

- + Professional services for Macalester College as teacher for one social welfare course per semester.

COLLEGE OF EDUCATION

Robert S. Cobb, Professor and Head, School of Physical Education, Recreation and School Health Education, Division of School Health Education

- + Professional services for Department of Health, Education and Welfare, Alcohol, Drug Abuse & Mental Health to serve as consultant in drug and especially alcohol prevention programs, drug abuse and mental health.

V. Lois Erickson, Assistant Professor, Psychoeducational Studies

- + Professional services for Winston Press to explore the current literature on women's identity formation and on family relationships with respect to developmental perspectives of human growth.

Florence A. Hauber, Research Fellow, Psychoeducational Studies

- + Professional services for State of Minnesota, Department of Education, as consultant for Disability Survey Project.

Paul E. Johnson, Professor, SPPFE

- + Professional services for Massachusetts Institute of Technology to advise on design of materials for continuing education of engineers.

John E. Stecklein, Professor, SPPFE

- + Professional services for Board of Pharmacy to consult with Board in development and refinement of examinations for Pharmacy Externship Program.

Thomas R. Trabasso, Professor, Institute of Child Development

- + Professional services for Goodyear Publishing Company to review manuscripts, consult on possible authors for a series in experimental psychology and correspond with potential authors and those whose work is under review or in progress.

Richard A. Weinberg, Associate Professor, Psychoeducational Studies

- + Professional services for Orman Guidance Research, Inc. as consultant designing research with children and adolescents on consumer attitudes and product reactions.

GENERAL COLLEGE

Ronald L. Cain, Instructor, Science, Business & Math

- + Professional services for School District 281 to teach a class for the district evening school; the class is "Stargazing for the interested".

Susan M. Lund, Instructor, Arts, Communication, Philosophy/Adm.

- + Professional services for Earl Craig Associates for communications consulting/training.

COLLEGE OF LIBERAL ARTS

Dean E. Abrahamson, Professor, School of Public Affairs

- + Professional services for State of Minnesota Energy Agency to serve in Sweden in monitoring developments, send documents, etc. during a sabbatical leave in that country.

Frederick M. Asher, Associate Professor, Art History

- + Professional services for American Institute of Indian Studies as Chairman, Art and Archaeology Committee. Responsible for maintenance of Center for Art and Archaeology, Benares, India.

Arthur H. Ballet, Professor, Theatre Arts

- + Professional services for College of Art and Design to teach a course during the fall semester, 1977, on the history and the arts and crafts of theatre.

Paul H. Cashman, Professor, Speech Communication

- + Professional services for St. Anthony Park State Bank as Director.

Thomas Clayton, Professor, English

Professional services for Renaissance English Text Society as Member of Council.

Jonathan B. Conant, Associate Professor (visiting), German

Professional services for Prentice-Hall, Inc. for reviewing manuscripts for publication.

Marvin D. Dunnette, Professor, Psychology

- + Professional services for Personnel Decisions, Inc. as Chairman, Board of Directors (Preside over annual meetings of Board of Directors and of stockholders meeting).

Stephen E. Fienberg, Professor and Chairman, Applied Statistics

- + Professional services for Springer-Verlay New York - Publishers as member of Editorial Advisory Board for Springer Series of Applied Statistics; for Minneapolis Police Department as Member of Advisory Review Committee for Crime Investigation Analysis; for Governor's Commission on Crime Prevention and Control, State of Minnesota as member of Technical Review Committee for St. Paul Team Police Evaluation; for Institute of Mathematical Statistics
- + as Member of Committee on Special Invited Papers; for Social Science Research Center, Center for Coordination of Research on Social Indicators as Member of Advisory and Planning Committee on Social Indicators; and of
- + Subcommittee on Criminal Justice Indicators; for Assembly of Behavioral and Social Science National Research Council as member of Panel on Research on Rehabilitative Techniques of the Committee on Research on Law Enforcement and Criminal Justice; for Far West Laboratory for Educational Research and Development as Statistical Consultant.

COLLEGE OF LIBERAL ARTS (Continued)

David L. Fruend, Instructor, Journalism & Mass Communication

- + Professional services for Twin Cities Broadcasters to organize and conduct four meetings per year, each meeting to bring together a series of community leaders and station management for community issues ascertainment as required by the Federal Communications Commission.

Norman Garmezy, Professor, Psychology

- + Professional services for Association for Advancement of Psychology to Chair, Board of Trustees; for Division of Clinical Psychology American Psychological Association as President-Elect and President (9/77); for Schizophrenia Research Program, Scottish Rite as Member, Scientific Advisory Board; for Foundations' Fund for Research in Psychiatry as Member, Board of Directors.

Charles Michael Hancher, Jr., Associate Professor, English

- + Professional services for Educational Testing Service, Princeton, N. J. to write examination questions.

Stephen A. Hoenack, Associate Professor and Director, Public Affairs, MPIS

- + Professional services for National Institute of Education to write an agenda of research projects to be funded by the Federal government. The projects relate to the financing of higher education in the U.S. Also assist the NIE staff in preparing "requests for proposals" from the written research project descriptions.

Arnold H. Ismach, Assistant Professor, Journalism and Mass Communication

- + Professional services for Western Opinion Research Center/Public Relations Center for consulting on survey research design and analysis, and political campaign communications; for West Publishing Company as member of editorial board for series in journalism. Work involves reviewing manuscripts.

Anne O. Krueger, Professor, Economics

- + Professional services for Overseas Development Council as Member, Board of Directors, and Executive Committee of the Board.

Robert K. Leik, Director, Family Study Center and Professor of Sociology

- + Professional services for Dr. Mildred A. Disbrow, R.N., Ph.D. as principal investigator, Child Abuse Prediction Project, Department of Maternal and Child Nursing, SC-74, University of Washington, Seattle, Washington.

Anatoly Liberman, Associate Professor, German, Scandinavian

- + Professional services for Sperry Univac to lecture on the contrastive phonology of English and Russian, formulation of phonetic transcription procedure for Russian, general Russian language consulting services.

Lloyd H. Lofquist, Professor & Chairman, Psychology

- + Professional services for Rehabilitation Counseling Bulletin to review articles submitted to professional journal. Member, editorial board.

Don McTavish, Associate Professor, Sociology

- + Professional services for Sociologists of Minnesota as elected board member.

COLLEGE OF LIBERAL ARTS (Continued)

Frank B. Martin, Associate Professor, Applied Statistics

Professional services for Biometric Society, P.O. Box 5962, Raleigh, N.C. as member of Regional Advisory Board.

Frank C. Miller, Professor, Anthropology

Professional services for Hamline University on appointment as Adjunct Professor to participate occasionally in advanced undergraduate courses on cultural change and global problems.

William Morris, Assistant Professor, Political Science

Professional services for Volunteer Committee for Rudy Boschwitz for U.S. Senator as Statistical Consultant and Strategy and Tactics Chairman.

Paul L. Murphy, Professor, History

+ Professional services for Macalester College as Extension Instructor in the History of Anglo-American Law for the Fall Semester, 1977.

James Bruce Overmier, Professor, Psychology

+ + Professional services for National Science Foundation as panel member; for the American Psychological Association as committee member.

Steven Marc Pine, Research Associate, Psychology (ONR)

+ Professional services for Honeywell, Inc. Systems and Research Center for work in Aerospace and Defense Research and Development.

Frank Renkiewicz, Research Associate, Immigration History Research Center

Professional services for Polish American Studies (PAHA Journal) as Editor.

Lynn Ann Schweitzer, Research Fellow, Immigration History Research Center

Professional services for Stella del Nord Chapter of American Italian Historical Association as Corresponding Secretary-Treasurer.

Frank J. Sorauf, Dean of Liberal Arts, Administration

+ Professional services for KTCA-TV as consultant on Grant Applications for Programming in the Humanities.

Travis Thompson, Professor, Psychology

+ Professional services for Committee on Problems of Drug Dependence to review grant applications; public policies concerning drug dependence and abuse; participation in organizing annual scientific meeting; for Independent School District #287 as Consultant.

Willard L. Thompson, Professor and Director, School of Journalism and Mass Communication and Summer Session

+ Professional services for Treasurer, American Academy of Advertising to maintain accounts.

Milton A. Trapold, Professor, Psychology

Professional services for Minnesota Department of Public Welfare, Chemical Dependency Division to serve on task force providing expert opinion on development of outcome assessment devices for evaluating chemical dependency programs.

COLLEGE OF LIBERAL ARTS (Continued)

W. Dixon Ward, Professor, Communication Disorders

- + Professional services for Air Transport Association of America to provide counseling and guidance services on matters involving the effect of noise on health and welfare. Organize and make presentations regarding the effects of noise before federal, state, and local legislative bodies. May include appearance as expert witness in appropriate cases.

UNIVERSITY LIBRARIES

Andrea Hinding, Assistant Professor and Curator, Special Collections (Social Welfare History Archives)

Professional services for Minnesota State Historical Records Advisory Board as member of board establishing records priorities for the state, advising on grant proposals being submitted to the National Historical Publications and Records Commission, reviewing proposals, etc.

Charlene K. Mason, Assistant Professor, St. Paul Campus Library

Professional services for Special Libraries Association as Chapter Consultation Officer - Minnesota Chapter; as Minnesota Chapter President-Elect/President - Term of office: June 1976 - June 1978.

Clodaugh M. Neiderheiser, Assistant Professor and Assistant Archivist, University Archives

Professional services for Minnesota Association of Collecting Agencies (MACA) as member of Advisory Board.

Mariann Tiblin, Assistant Professor, Acquisitions TS

Professional services for Society for the Advancement of Scandinavian Study, The American Swedish Institute, and the Swedish Pioneer Historical Society.

OFFICE OF STUDENT AFFAIRS

Ellen L. Betz, Associate Professor, Student Counseling Bureau

- + Professional services for American Psychological Association as member of Executive Council of Division 17; also, chairperson for Ad Hoc Committee on Women.

Sandra L. Davis, Assistant Professor, Student Counseling Bureau

- + Professional services for Personnel Decisions, Inc. as management assessor.

Robert T. Flint, Associate Professor, Student Counseling Bureau

- + Professional services for Rape Center, Neighborhood Involvement Program in Psychotherapy; for The Filmmakers for Preparation of Police Training Film;
- + for Kenny Rehabilitation Institute as Guest Lecturer; for North Hennepin
- + Community College as Guest Lecturer; for Law Enforcement Agencies throughout Minnesota to assess and train police officers.

Glenn L. Hendricks, Associate Professor, Student Life Studies & Planning

Professional services for Council on Anthropology and Education (CAE), American Anthropological Association as Secretary-Treasurer.

OFFICE OF STUDENT AFFAIRS (Continued)

Josef A. Mestenhauser, Professor and Associate Director, International Student Advisers Office

- + Professional services for National Association for Foreign Student Affairs as Member of Board and Chairman, Commission on Policy and Practice.

Forrest G. Moore, Professor of Education and Director, International Student Advisers Office

- + Professional services for Upper Iowa University on Board of Trustees; for National Association for Foreign Student Affairs as Chairman, Elect, Council to Foreign Students and Scholars.

Alton L. Raygor, Professor of Educational Psychology, Student Counseling Bureau and Psychoeducational Studies

- + + Professional services for P.A.R., Inc. as Editorial Advisor; Raygor Publications and Jeffamy Company as part owner of both companies; for ERIC Reading Center as Document evaluator.

Robert W. Ross, Assistant Professor Director, Student Activities Center West Bank Union

- + Professional services for Young Adult Board of the United States Catholic Conference to attend Board meetings quarterly, write an article for the quarterly newsletter, National Young Adult Reporter.

Stanley R. Strong, Associate Professor, Student Life Studies and Planning
Professional services for Saint Christopher's Episcopal Church for psychological counseling.

Frank B. Wilderson, Jr., Vice President for Student Affairs, Office of Student Affairs

- + Professional services for Bush Foundation as Member, Board of Directors;
- + for Breck School as Member, Board of Trustees; for U.S. Office of Education, Department of Health, Education and Welfare as Member, Advisory Committee on Student Aids.

INSTITUTE OF TECHNOLOGY

Vernon D. Albertson, Professor, Electrical Engineering

- + Professional services for State of Minnesota Environmental Quality Council as consultant on problems relating to electric load forecasting, power plant siting, and transmission line planning.

Rutherford Aris, Professor, Chemical Engineering & Materials Science

- + Professional services for Amoco Oil Company as consultant on chemical reactor modeling; for General Motors Corporation as consultant in the area of catalytic emission control devices.

Benjamin F. Bayman, Professor, Physics and Astronomy

Professional services for American Physical Society to serve on the Executive Committee of the Nuclear Physics Division and to serve on the Committee for Educational Concerns.

INSTITUTE OF TECHNOLOGY (Continued)

Gust Bitsianes, Professor, Civil and Mineral Engineering

- + Professional services for Wildwood Engineering Company for Met. Process Development.

Kenneth M. Brown, Professor, Computer Science

- + Professional services for Argonne National Laboratory (Applied Mathematics Division) as a consultant to the MINPACK (nonlinear optimization) group of the Applied Mathematics Division. This group is responsible for developing numerical methods and computer programs for solving the mathematical problems associated with the use of controlled thermonuclear reactors as an alternative energy source.

Robert G. Bryant, Associate Professor, Chemistry

- + Professional services for Pillsbury Company to provide expertise on NMR Measurements involving water and provide equipment to make some measurements on campus for which the laboratory is to be paid \$50.00 per hour.

Raymond M. Dodson, Professor, Chemistry

- + Professional services for General Mills Chemicals, Inc. for consultation and advice on chemical processes.

Charles Fairhurst, Professor and Head, Civil and Mineral Engineering

- + Professional services for Petrobras Petroleum Company, Brazil, South America to assist in evaluation of potash mining potential in Brazil.

William R. Franta, Associate Professor, Computer Science

- + Professional services for Honeywell Systems and Research Center for research.

S. Gasirowicz, Professor, Physics

Professional services for American Physical Society, Division of Particles and Fields as vice-chairman of Division to be program chairman for the Division.

William W. Gerberich, Professor, Chemical Engineering and Materials Science

- + Professional services for Meyer Industries as consultant on material failures; for Battelle Northwest Laboratories for technical discussions and consultation regarding test procedures and analysis of acoustic emission and fracture phenomena associated with materials in fission and fusion nuclear reactors; for Technical Advisory Service for Attorneys to consult on material failure.

INSTITUTE OF TECHNOLOGY (Continued)

Russell K. Hobbie, Professor, Physics

- + Professional services for American Association of Physics Teachers to chair search committee for new editor for American Journal of Physics.

Gerald W. Johnson, Assistant Professor, Civil and Mineral Engineering

- + Professional services for Whittlesey Foundation, Inc. as member of Board of Directors, and consulting related to archaeological photogrammetry.

E. Bruce Lee, Professor and Acting Head, Electrical Engineering

- + Professional services for Honeywell, Inc. to evaluate new techniques for design of controller for multivariable systems.

Christopher W. Macosko, Associate Professor, Chemical Engineering & Materials Science

- + Professional services for General Mills Chemicals, Inc. for consulting in the field of polymer rheology.

Virgil A. Marple, Assistant Professor, Mechanical Engineering

- + Professional services for De Laval as consultant in the area of particle technology as related to the separation of dried solid particles from the air streams of spray dryers. Also consultant on methods of determining the quantity and nature of the dried particles escaping into the atmosphere from the spray dryer stacks.

Erwin Marquit, Associate Professor, Physics

Professional services for Philosophical Currents (book series) as member of editorial board; as consultant for Daily World for question and answer page; for Soviet Studies in Philosophy as member of editorial board.

C. Alden Mead, Professor, Physical Chemistry

- + Professional services for Journal of Physical Chemistry (American Chemical Society) to act as Assistant Editor.

Kenneth Michael Merrill, Research Associate, Astronomy

- + Professional services for National Aeronautics and Space Administration to provide scientific evaluation and services consisting of attending working group meetings of the Focal-Plane Instruments and Requirements Science Team (FIRST) and preparing a final report on the results of the activities performed as a member of the FIRST.

Larry L. Miller, Professor, Chemistry

- + Professional services for Diamond Shamrock Corporation as chemical consultant.

Alfred O. C. Nier, Regents' Professor, School of Physics and Astronomy

- + Professional services for Central Research Laboratories on Board of Directors.

Emil Pfender, Professor, Mechanical Engineering

- + Professional services for National Science Foundation as member of the Advisory Panel of the Engineering Chemistry and Energetics Section.

INSTITUTE OF TECHNOLOGY (Continued)

Robert Plunkett, Professor, Aerospace Engineering & Mechanics
+ Professional services for American Society of Mechanical Engineers as Associate Editor, Journal of Applied Mechanics.

Marian Boykan Pour-El, Professor, School of Mathematics
+ Professional services for Mathematical Association of America as Visiting Lecturer for the 1977-78 academic year.

James W. Ramsey, Assistant Professor, Mechanical Engineering
+ Professional services for Honeywell, Inc. as technical consultant in the areas of heat transfer, thermodynamics, and solar energy.

William E. Ranz, Professor, Chemical Engineering & Materials Science
+ Professional services for Phillips Petroleum Company as consultant in fluid mechanics and carbon black manufacturing.

William P. Robbins, Associate Professor, Electrical Engineering
+ Professional services for Thermosystems, Inc. as consultant on electronics and signal processing aspects of laser anemometers.

Jonathan L. Rosner, Professor, Physics
+ Professional services for Fermi National Accelerator Laboratory as Member, Program Advisory Committee

Charles J. Scott, Associate Professor, Mechanical Engineering
+ Professional services for Donaldson Company, Inc. to advise on creation of computer compatible mathematical model of dusty airflow through porous media.

George Stephanopoulos, Assistant Professor, Chemical Engineering & Materials Science
+ Professional services for Northern Instruments for technical consulting.

Otto D. L. Strack, Assistant Professor, Civil and Mineral Engineering
+ Professional services for Barr Engineering Company to review, advise and consult on a regular basis.

Henry M. Tsuchiya, Professor, Chemical Engineering & Materials Science
+ Professional services for General Mills Research Laboratory for occasional consulting on fermentation processes.

George F. Weaton, Research Associate, Civil and Mineral Engineering
+ Professional services for William Montgomery as mining consultant and feasibility studies.

Walter Weyhmann, Professor and Head, School of Physics and Astronomy
+ Professional services for University of California - Los Alamos Scientific Laboratory as consultant to collaborate on research problems of mutual interest in very low temperature physics and cryogenics. Current problems of interest to us include magnetic cooling to achieve extremely low temperatures and cooling of super-conducting power lines.

UNIVERSITY COLLEGE

Marjorie Cowmeadow, Director, Inter College Program

Professional services for St. Paul Public Open School as Chairperson, St. Paul Open School Advisory Council; member of three advisory council committees: Budget Committee, Curriculum Committee, Intercultural Committee

COLLEGE OF VETERINARY MEDICINE

John F. Anderson, Associate Professor, Large Animal Clinical Sciences

+ Professional services for Errington Brothers as veterinary consultant;
+ + for Errington Brothers for veterinary consultation; for George Hallcock Farms as Veterinary consultant; for Willard Emery and Sons as Veterinary consultant.

Allen D. Leman, Associate Professor, Large Animal Clinic Sciences

+ Professional services for Gilt Edge Farm as veterinary consultant.

Clarence M. Stowe, Professor, Large Animal Clinical Sciences

+ Professional services for Minnesota Pollution Control Agency as consultant on Field Pollution Problems involving domestic animals.

SCHOOL OF DENTISTRY

Carl L. Bandt, Professor, Dentistry

+ Professional services for Veterans Administration Hospital as consultant;
+ for Private Practice doing Periodontal Treatment.

Richard R. Bevis, Associate Professor, Orthodontics, School of Dentistry

+ Professional services for Veterans Administration Hospital as consultant.

Barbara J. Bartholdi Linnell, Assistant Professor, Dental Hygiene

+ Professional services for Dr. Eric E. Stafne, D.D.S. as dental hygienist.

Hussein A. Zaki, Associate Professor, Division of Periodontology

+ Professional services for Private Practice limited to Periodontics.

MEDICAL SCHOOL

- Gary T. Athelstan, Professor, Physical Medicine and Rehabilitation
+ Professional services for Veterans Administration Hospital as a consultant in psychology.
- + Essam A. Awad, Professor, Physical Medicine and Rehabilitation
Professional services for Veterans Administration Hospital as a consultant.
- Robert J. Bache, Associate Professor, Medicine
+ Professional services for Minneapolis Veterans Administration Hospital as a consultant and teacher.
- William Bradley, Professor, Neurology
+ Professional services for American Medical Systems as a consultant.
- Richard D. Brunning, Professor, Laboratory Medicine and Pathology
+ Professional services for Food and Drug Administration as a member of committee to evaluate and approve equipment and devices for diagnostic hematology laboratory.
- Joseph T. Capell, Assistant Professor, Physical Medicine and Rehabilitation
+ Professional services for St. Paul Children's Hospital as an outpatient clinic pediatrician.
- Noel R. Carlson, Research Fellow, Family Practice/Program in Human Sexuality
+ Professional services for Minneapolis Psychotherapy Clinic, Inc. as a consultant regarding patients and general psychotherapy.
- Wilfrido Castaneda, Research Fellow, Radiology
+ Professional services for Hennepin County General Hospital, Minneapolis, Minnesota as a lecturer and consultant.
- Philip R. Craddock, Assistant Professor, Medicine
+ Professional services for Veterans Administration Hospital as a consultant.
- Mary E. Dempsey, Professor, Biochemistry
Professional services for Archives Biochemistry and Biophysics as Editor;
+ for National Heart, Lung and Blood Institute as a consultant and advisor.
- Jessie K. M. Easton, Assistant Professor, Physical Medicine and Rehabilitation
+ Professional services for St. Paul Public Schools as a consultant;
+ for Cambridge State Hospital as a consultant to special programs for multiply handicapped residents.
- Richard V. Ebert, Professor and Head, Medicine
+ Professional services for National Center for Toxicological Research as a consultant.
- Marian L. Eliason, Assistant Professor, Physical Medicine and Rehabilitation
Professional services for Minnesota Occupational Therapy Association to serve on Board as a delegate to American Occupational Therapy Association.
- Corinne T. Ellingham, Assistant Professor, Physical Medicine and Rehabilitation
+ Professional services for American Physical Therapy Association Section for Education to serve as Executive Council Chairman for North Central Region.

MEDICAL SCHOOL (Continued)

M. G. Ettinger, Professor, Neurology

- + Professional services for Neurology Department, Saint Paul Ramsey County Hospital as a neurological consultant.

Douglas A. Fenderson, Associate Professor, Continuing Medical Education

- + Professional services for Walker Associates as a consultant to perform evaluation of regional rehabilitation research and training center in the United States.

Steven V. Fisher, Instructor, Physical Medicine and Rehabilitation

- + Professional services for St. John's Hospital as a consultant on medical and administrative direction of Physical Medicine Department.

Harry Foreman, Professor, Obstetrics and Gynecology

- + Professional services for Atomic Safety and Licensing Board as a consultant to conduct hearings on licensing of Nuclear Power Plants.

Craig S. Frisk, Assistant Professor, Laboratory Medicine and Pathology and Research Animal Resources

- + Professional services for Bio-Lab as a consultant.

Laë'l C. Gatewood, Associate Professor, Laboratory Medicine and Pathology

- + Professional services for Health Resources Administration as a consultant
- + to National Center Health Services Research; for Cedars-Sinai Hospital as member of Monitoring Panel, Biostatistical Unit of National Cooperative
- + Gallstone Study; for University of Maryland as a consultant to Biometry
- + Division, Coordinating Center Model Contract; for Veterans Administration
- + Hospital, Minneapolis as a consultant to Surgical Service; for Health Resources Administration as a member of Advisory Panel, Duke University Chronic Disease Information System.

William C. Gentry, Jr., Associate Professor, Dermatology

Professional services for Society for Dermatological Genetics to serve as President; Executive Board, Advisory Council, American Academy of Dermatology, Inc. as a consultant for Administrative Consultant Services.

Frederick C. Goetz, Professor, Medicine

- + Professional services for Pfizer Company as a consultant in a program on educational filming and writing relating to complication of diabetes.

Nelson D. Goldberg, Professor, Pharmacology, Laboratory Medicine and Pathology

Professional services for Minnesota Medical Foundation to serve as member on a grant review board; for McKnight Foundation as a member of Review Committee for McKnight Scholars Awards; for Minnesota Leukemia Task Force to serve as Chairman of Task Force.

Richardo Gonzalez, Assistant Professor, Urological Surgery

- + Professional services for Veterans Administration Hospital as a consultant.

Lawrence M. Greenberg, Professor and Director, Psychiatry

- + Professional services for Department of Public Welfare as a consultant to Medical Advisory Unit.

MEDICAL SCHOOL (Continued)

Glenn Gullickson, Jr., Professor, Physical Medicine and Rehabilitation
+ Professional services for Executive Committee, Joint Committee for Stroke Facilities as a consultant to develop policies regarding development of a manual of standards of care for stroke patients; for American Board of Medical Specialties as consultant to coordinate policies and procedures of medical specialties boards; for Residency Review Committee for Physical Medicine and Rehabilitation as a consultant to qualify residency programs in Physical Medicine and Rehabilitation; for American Board of Physical Medicine and Rehabilitation as a consultant to establish policies for certification as a specialist in Physical Medicine and Rehabilitation.

Daniel Halpern, Professor, Physical Medicine and Rehabilitation
+ Professional services for St. Paul School Systems as a medical consultant; for United Cerebral Palsy of Minnesota as Chairman of Professional Services Committee; for Phoenix Residence as member of Board of Directors; for Dakota's Children, Inc. as a utilization review consultant.

Barry S. Handwerger, Assistant Professor, Medicine
+ Professional services for Department of Medicine, Veterans Administration Hospital as a consultant for Dr. Maren Mahowald regarding research.

Russell F. Hanson, Associate Professor, Internal Medicine
+ Professional services for N.I.H. as a member of General Medicine A Study Section to review research grant applications.

Robert E. Haselow, Instructor, Therapeutic Radiology
+ Professional services for Veterans Administration Hospital as a physician and consultant.

W. Allen Hauser, Associate Professor, Neurology
Professional services for Midway Hospital as a consultant in EEG Laboratory.

William Hausman, Professor and Head, Psychiatry
+ Professional services for Midwest Group Relations Conference to serve as Conference Director.

Jane E. Hodgson, Associate Professor, Obstetrics and Gynecology
Professional services for Midwest Health Center for Women, Minneapolis, Minnesota as a consultant to attend quarterly meetings of Advisory Council; for Hospital and Physicians Resource Group, Metropolitan Council as a consultant to attend monthly meetings; for Planned Parenthood of Minnesota Medical Advisory Board to attend scheduled meetings.

Richard L. Hoel, Assistant Professor, Otolaryngology
+ Professional services for Albert Lea Clinic and Albert Lea Surgical and Medical Center as an audiological consultant.

H. P. C. Hogenkamp, Professor and Head, Biochemistry
+ Professional services for Los Alamos Scientific Laboratories as a consultant.

Lucille J. Hoiland, Assistant Professor, Anatomy
+ Professional services for Medical Institute of Minnesota as a medical director at private trade school training students to work as Certified Laboratory Assistants, Certified Medical Assistants, and Veterinary Medical Technicians.

MEDICAL SCHOOL (Continued)

Vincent R. Hunt, Associate Professor, Family Practice and Community Health
+ Professional services for Residency Assistance Program as a consultant for Family Practice Programs.

A. Joy Huss, Associate Professor, Department of Physical Medicine and Rehabilitation
+ Professional services for Minneapolis Veterans Administration Hospital as a consultant.

Harold R. Ireton, Associate Professor, Family Practice and Community Health
+ Professional services for Behavior Science Systems, Inc. to serve as Secretary.

Hugo O. Jauregui, Assistant Professor, Laboratory Medicine and Pathology
+ Professional services for Veterans Administration Hospital as a pathology consultant.

Russell C. Johnson, Professor, Microbiology
+ Professional services for Jensen-Salsbury Laboratories as a consultant
+ regarding improved leptospiral vaccine; for Armour Pharmaceutical Co., Kankakee, Illinois as a consultant on the development of quality bovine albumin medium for the cultivation of leptospire.

Harry Irving Katz, Associate Professor, Dermatology
Professional services for Minnesota Dermatological Society to serve as
+ President Elect; for 3 M Company to serve as a consultant.

Michael Kosiak, Assistant Professor, Physical Medicine and Rehabilitation
+ Professional services for St. John's Hospital as a medical consultant regarding medical and administrative direction of Physical Medicine Department.

Frederic J. Kottke, Professor and Head, Physical Medicine and Rehabilitation
Professional services for Expert Medical Committee of Psychiatrists as a member of Advisory and Policy Committee; for Interstudy as member of Board of Directors; for Sister Kenny Institute as member of Board of Directors; for American Academy of Physical Medicine and Rehabilitation to serve on Board of Governors; for Modern Medicine to serve on Specialty Advisory Board to the Editorial Board; for Group Health as member of Medical
+ Control Board; for Minneapolis Veterans Administration Hospital as a consultant in Physical Medicine and Rehabilitation.

Jerome Kroll, Associate Professor, Psychiatry
+ Professional services for Modern Medicine Publications as a consultant to design and edit a Practice Guide for Psychiatry.

Marvin G. Lepley, Associate Professor, Physical Medicine and Rehabilitation
Professional services for American Occupational Therapy Association, Council on Education to represent Occupational Therapy Educational Program at Mid-year and Annual Meetings.

Seymour H. Levitt, Professor and Head, Therapeutic Radiology
+ Professional services for American Board of Radiology as a Trustee.

MEDICAL SCHOOL (Continued)

William G. Lindsay, Assistant Professor, Surgery
Professional services for St. Paul Ramsey Hospital as a consultant on cardiac patients and surgery on cardiac patients.

Lawrence A. Lockman, Assistant Professor, Neurology
+ Professional services for Hennepin County Medical Center as a consultant for patients and staff instruction.

Charles F. McKhann, Professor, Surgery
+ Professional services for Comprehensive Cancer Center for the State of Florida as member of Scientific Advisory Committee; for Norris Cotton Cancer Center as member of Scientific Advisory Committee; for Cancer Research and Treatment Center as member of External Advisory Committee; for National Cancer Institute as member of Breast Cancer Task Force; for Duke Comprehensive Cancer Center as member of External Advisory Committee; for University of Pennsylvania Cancer Center as member of Board of Scientific Advisors.

Merle K. Loken, Professor and Director, Radiology
+ Professional services for Midwest Radiation Consultants as a consultant on radiation protection planning, radiation protection surveys and calibrations, and practice of Nuclear Medicine.

David T. Lykken, Professor, Psychiatry
+ Professional services for New York Psychiatry Institute as member of Scientific Advisory Board.

James W. Maddock, Assistant Professor, Program in Human Sexuality and Department of Psychiatry
+ Professional services for Minneapolis Psychotherapy Clinic as a psychological consultant regarding marriage and family problems to staff and patients.

Mark W. Mahowald, Assistant Professor, Neurology
+ Professional services for Minneapolis Veterans Administration Hospital as a consultant.

Patrick J. Manning, Associate Professor and Director, Laboratory Medicine and Pathology and Research Animal Resource
+ Professional services for National Institutes of Health - National Academy of Sciences as a consultant.

Stephen H. Martin, Assistant Professor, Neurosurgery
+ Professional services for Mercy Medical Center and Unity Medical Center as a neurosurgical consultant.

Santhat Nivatvongs, Assistant Professor, Surgery
+ Professional services for Veterans Administration Hospital as a consultant.

Daniel K. O'Brien, Instructor, Family Practice and Community Health
+ Professional services for Fairview Hospital as an emergency room consultant.

Takashi Okagaki, Professor, Obstetrics and Gynecology
Professional services for International Society of Gynecological Pathologists to serve as Treasurer.

Charles R. Peluso, Associate Professor, Family Practice and Community Health
+ Professional services for North American Life and Casualty Insurance Co. as a medical consultant to Underwriting Department.

MEDICAL SCHOOL (Continued)

James F. Pohzilla, Associate Professor, Physical Medicine and Rehabilitation
+ Professional services for Minnesota Chapter of American Physical Therapy Association as Chief Delegate.

Richard E. Poppele, Professor and Director, Physiology
Professional services for First South East Corporation as a member of Board of Directors.

Konald A. Prem, Professor and Head, Obstetrics and Gynecology
Professional services for United States Army Reserve as a commander of United States Army Hospital No. 5501.

Jeffrey Lynn Probstfield, Assistant Professor, Internal Medicine
+ Professional services for Psychopharmacology Fund as a consultant to
+ read EKGs; for Hasting's State Hospital as a consultant to read EKGs.

Nancy Rains, Assistant Professor, Psychiatry
+ Professional services for private practice to provide psychotherapy for adolescents and their families; for Youth Service Bureau as a clinical supervisor of cases and consultant on treatment of delinquent pre-adolescence and on dealing with administrative agencies.

Verna Rausch, Professor, Laboratory Medicine and Pathology
+ Professional services for Quinnipiac College as member of Advisory
+ Committee for Integrated Program in Medical Technology; for National Certifying Agency for Medical Laboratory Personnel as member of interim Board of Directors.

Alan H. Roberts, Professor, Physical Medicine and Rehabilitation
Professional services for Minnesota Psychological Association as Executive Officer.

Alan B. Rubens, Associate Professor, Neurology
+ Professional services for St. Paul Ramsey Hospital and Minneapolis Veterans Administration Hospital as an aphasia consultant.

L. D. Sabath, Professor, Medicine
Professional services for American Society for Clinical Pharmacology and Therapeutics as Chairperson for Section on Infectious Diseases and Antimicrobial Agents; for American Society for Microbiology as Vice-Chairperson for Division of Antimicrobial Chemotherapy for 1976-77 and Chairperson for
+ Division of Antimicrobial Chemotherapy for 1977-78; for E.P.A. Cephalosporin Fund, University of Oxford, Oxford, England as Trustee.

A. Lee Sandler, Assistant Professor, Psychiatry
+ Professional services for private practice to provide psychotherapy for adolescents and their families.

William Schofield, Professor, Psychiatry
+ Professional services for Professional Examination Service as member of Board of Directors.

Frederick E. Shideman, Professor and Head, Pharmacology
+ Professional services for National Council on Drugs as member of Council and Executive Committee.

MEDICAL SCHOOL (Continued)

Helen Skowlund, Associate Professor, Physical Medicine and Rehabilitation
+ Professional services for American Physical Therapy Association as Associate Editor of Physical Therapy, Official Journal of American Physical Therapy Association.

Chang W. Song, Associate Professor, Therapeutic Radiology
+ Professional services for Veterans Administration Hospital as a consultant for radiobiological problems.

Sheldon B. Sparber, Associate Professor, Pharmacology
+ Professional services for Drug Abuse Research Review Committee as a member of the Drug Abuse Research Committee of the National Institute on Drug Abuse.

Robin J. Staebler, Assistant Professor, Family Practice and Community Health
+ Professional services for Trevilla of Robbinsdale, Inc. to serve as Medical Director.

Kenneth F. Swaiman, Professor, Neurology
Professional services for The Children's Hospital Inc. as patient consultant and staff instruction consultant.

Akira E. Takemori, Professor, Pharmacology
+ Professional services for Review Panel on New Drug Regulation of the Secretary of the Department of Health, Education and Welfare as a consultant to review applications for new drug investigations.

Stuart V. Thorson, Associate Professor, Family Practice and Community Health
+ Professional services for Carview Home, Inc. as a consultant on patient care and utilization.

Rachel W. Trockman, Assistant Professor, Pediatrics
+ Professional services for Anoka-Hennepin School District 11 as an advisor to Diagnostic Learning Center.

Richard L. Varco, Regents' Professor, Surgery
+ Professional services for American Board of Surgery, Inc. as Examiner for the Board; for American College of Surgeons as First Vice President of the College; for Veterans Administration Hospital as a surgical consultant.

Robert L. Vernier, Professor, Pediatrics
+ Professional services for Ad Hoc - National Institute of Health as a consultant on research programs.

Lewis W. Wannamaker, Professor, Pediatrics
+ Professional services for Infection and Immunity as a member of Editorial Board; for Journal of Clinical Microbiology as member of Editorial Board; ++ for Infectious Diseases Society of America as a Council member; for + Infectious Disease Committee as member; for WHO Expert Advisory Panel + on Bacterial Diseases as a member; Rheumatic Fever Project, Cairo, Egypt + as a consultant; for Rheumatic Fever Subgroup of Task Force on Heart Disease in Childhood, National Heart and Lung Institute as consultant.

MEDICAL SCHOOL (Continued)

Lawrence E. Williams, Assistant Professor, Radiology

- + Professional services for Midwest Radiation Consultants as a consultant on design and evaluation of radiation shielding and radiation protection.

Francis S. Wright, Professor, Neurology

Professional services for The Children's Hospital, Inc. as a patient and staff instruction consultant.

Jesse C. Yap, Assistant Professor, Neurosurgery

- + Professional services for DPW, State of Minnesota as a neurosurgical consultant.

SCHOOL OF NURSING

Diane K. Kjervik, Assistant Professor, Nursing

Professional services for Minnesota Nurses Association as Director on Minnesota Nurses Association Board of Directors.

Marie Loland Menikheim, Lecturer, Nursing

Professional services for Neighborhood Involvement Program as a general consultant.

COLLEGE OF PHARMACY

Andrew William Roberts, Assistant Professor, Pharmacy

- + Professional services for Veterans Administration Hospital, Pharmacy Department as a consultant.

SCHOOL OF PUBLIC HEALTH

Dennis A. Armstrong, Instructor, Interdisciplinary Studies

- + Professional services for VCI, Inc. as a consultant regarding production of assessment interview training tapes.

Donald E. Barber, Professor, Environmental Health

- + Professional services for Medtronic, Inc., Nuclear Program as a consultant on radiation measurements and dosimetry.

Richard A. Culbertson, Instructor, Program in Hospital and Health Care Administration

Professional services for Hospital Administration Registration Board as member of the Board.

Roger L. DeRoos, Assistant Professor and Associate Director, Public Health and Boynton Health Service

- + Professional services for Bureau of Community Health as a migrant worker housing consultant.

Janet Kay Kempf, Instructor, Public Health Nursing

Professional services for Hennepin County Medical Center as a volunteer pediatric nurse associate.

Marcus O. Kjelsberg, Professor and Director, Biometry

- + Professional services for University of Maryland, Biometry Division as advisory member of the University of Maryland Resource Committee for the Development of Models for Coordinating Center in Collaborative Studies.

SCHOOL OF PUBLIC HEALTH (Continued)

Theodor J. Litman, Professor, Program in Hospital and Health Care Administration

- + Professional services for Association of University Programs in Health Administration as Chairman of Task Force on Long Term Care.

John R. Malban, Assistant Professor, Program in Hospital and Health Care Administration

- + Professional services for American College of Nursing Home Administrators to teach five times per year a one-day seminar on "Mental Health Services through Management Practices"; for Minnesota Hospital Association to teach seminar in area of supervisory management.

Roberta Marquart, Instructor, Public Health Nursing
Professional services for Alfred Adler Institute of Minnesota as a member of Board of Directors.

Elaine Richard, Assistant Professor, Nursing
Professional services for Grillermo Mateu as a consultant regarding learning primary health care skills.

- James H. Rothenberger, Instructor, Interdisciplinary Studies
- + Professional services for Minnesota Department of Corrections as a member of Health Advisory Committee; for Drug Education for Youth as former vice president of Board of Directors and elected president of the Board of Directors.

Fay M. Thompson, Instructor, Environmental Health
Professional services for Industrial Health Engineering, Inc. as consultant to advise on industrial hygiene sampling methods, procedures and analytical techniques.

Patricia A. Woodbury, Instructor, Public Health Nursing
Professional services for Group Health, Inc. as consultant to direct patient services.

UNIVERSITY OF MINNESOTA, DULUTH

- James H. Brutger, Assistant Professor and Head, Art
- Professional services for Minnesota Association of Colleges for Teacher Education to serve as the Duluth Representative for the University of Minnesota; for Minnesota State Arts Board as an advisor to Visual Arts Panel.

- Burton R. Galaway, Instructor, School of Social Development
- + Professional services for Scott-Carver Youth Action Corps as a consultant to design an evaluation of program; for National Association of Social Workers to serve as an elected member of the Board of Minnesota Chapter.

Joseph A. Gallian, Associate Professor, Mathematical Sciences
Professional services for Mathematical Association of America as Editor for newsletter for Mathematical Association of America; for American Mathematical Society as a reviewer for Mathematical Reviews and as a referee for Mathematics Magazine.

UNIVERSITY OF MINNESOTA, DULUTH (Continued)

Richard C. Graves, Associate Professor and Head, Theatre

- + Professional services for Minnesota State Arts Board as a member of the Sponsor-General Advisory Panel; for Minnesota State Arts Board as a member of various ad hoc committees; for Minnesota Theatre Federation as Chairperson for Board of Governors; for American College Theatre Festival, Region IX as Vice-Chairman of Executive Committee.

Odin M. Langsjoen, Associate Professor, Dental Hygiene

- + Professional services for American College of Dentists to serve as Regent.

Roger H. Schultz, Assistant Professor, Theatre

- + Professional services for Westmoreland, Larson and Hill, Inc. as an actor for radio and television commercials.

Albert Tezla, Professor, English

- + Professional services for National Széchenyi Library of Hungary as a translator for professional publications issued by the library or revisor of translations to appear in such publications.

Marion Valasek, Assistant Professor, Music

- + Professional services for Duluth Superior Symphony as a member of flute section.

UNIVERSITY OF MINNESOTA, MORRIS

Craig Kissock, Assistant Professor, Education

- + Professional services for Eden Valley-Watkins School District (Title IV) as a consultant to maintain and aid teachers in utilizing Social Studies Resource Center in Litchfield, Minnesota.

Angel A. Lopez, Director and Assistant Professor, Division of Science and Mathematics

- + Professional services for Governor's Manpower Office as a consultant in Wind Energy Demonstration Project.

Robert M. Tardiff, Assistant Professor, Division of Science and Mathematics

- + Professional services for Governor's Manpower Office as a consultant for Wind Energy Project; for Fleugel and Collins, Attorneys at Law as a statistical consultant.

UNIVERSITY OF MINNESOTA TECHNICAL COLLEGE, WASECA

Philip P. Allen, Assistant Professor, Academic Affairs

Professional services for Society of American Florist as a consultant to review marketing and government regulations concerning flower production and imports into United States; for Kenneth Post Foundation as a consultant to review applications for grant awards and determine investments of gifts.

Donald T. Collins, Assistant Professor, Physical Education, Recreational Sports, Intercollegiate Athletics

- + Professional services for Sport Shack as a catalogue sales representative for a sporting goods firm.