

MINUTES OF THE MEETING  
of the  
FINANCE COMMITTEE  
April 21, 1972

President Wharton called the Finance Committee meeting to order at 7:45 a.m.

The following members were present: Trustees Carrigan, Hartman, Huff, Martin, Merriman and Stevens; President Wharton, Executive Vice President and Secretary Breslin, Provost Cantlon, Attorney Carr, Vice President Wilkinson, Assistant to the President Ballard.

Absent: Trustees Thompson and White.

Investment  
recommendations

1. Investment recommendations from Scudder, Stevens & Clark and Mr. George Cress as follows:

Consolidated Investment Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
	Contribution		\$ 25,000		
	Recommend purchasing:				
Up to 580	Magnavox	\$ 43	24,940	\$ 696	2.8%

Retirement Fund

	Contribution		150,000		
	Recommend purchasing:				
Up to 1,425	Magnavox (making 9025 held)	43	61,275	1,710	2.8%
4,000	Franklin Life (making 19,000 held)	22	88,000	2,000	2.3%

RESOLVED that the Scudder, Stevens & Clark recommendations, as submitted, be approved.

Approved unanimously. Motion by Trustee Carrigan, seconded by Trustee Martin.

Sale of stock

2. The 100 stock warrants of Tri-Continental Corporation accepted by the Board of Trustees at the February 25, 1972 meeting, as a gift from Dr. Ivan Wright, were sold on January 26, 1972 for a net amount of \$6,639.16. The proceeds are to be added to the Ivan Wright-Life Income Fund.

RESOLVED that the report of the sale of Tri-Continental Corporation stock be accepted.

Report accepted by unanimous vote. Motion by Trustee Huff, seconded by Trustee Carrigan.

Leone E. Wheaton  
Tudor estate;  
scholarship  
fund established

3. On April 4, 1972, the University received cash and stocks valued at \$88,897.57 from the Estate of Leone E. Wheaton Tudor as follows:

	<u>NUMBER OF SHARES</u>	<u>MARKET VALUE 9-16-69</u>
Affiliated Fund, Inc.	685	\$ 5,459.45
American Bank & Trust Co.	247	7,422.35
Commonwealth Edison (common stock)	102	4,201.13
Commonwealth Edison (preferred stock)	241	6,055.13
Consumers Power Co.	112	3,759.00
Detroit Edison Co.	88	2,035.00
Fidelity Fund, Inc.	436	7,246.32
Fundamental Investors, Inc.	483	4,834.83
General Motors Corp.	100	7,431.25
Gross Telecasting, Inc.	88	1,375.00
Iowa Southern Utilities Co.	176	5,181.00
National Bank of Detroit	112	5,163.20
New York Electric & Gas Corp.	112	3,493.00
Northern Illinois Gas Co.	20	596.25
Northern Indiana Public Service Co.	176	4,653.00
Rochester Gas and Electric Corp.	201	4,772.54
Cash		<u>15,219.12</u>
		<u>\$88,897.57</u>

The will states that the money is to be distributed in amounts from \$1,000.00 to \$2,000.00 to aid students in dire need of finances to enter or complete their educations at this University.

It is recommended that the Board of Trustees receive the assets from the Estate and invest them in a fund functioning as an endowment, with the income to be used for scholarships to needy students.

RESOLVED that the recommendation for the acceptance of the assets of the Estate of Leone E. Wheaton Tudor and the establishment of a fund functioning as an endowment, with the income to be used for scholarships to needy students, be approved.

Approved unanimously. Motion by Trustee Hartman, seconded by Trustee Stevens.

- 4. The administration recommends the following allocation of funds for Broadcasting and CCTV.

Allocation of funds for Broadcasting and CCTV

Funds Available

Transfer of WMSB Channel 10	\$1,700,000
WMSB-TV Reserve	217,000
MSU Matching for HEW Grant	189,000
HEW Grant for Channel 23	420,000
	\$2,526,000

Recommended Allocations

A. Activation of Channel 23 and Improvement of WKAR Radio

1. Transmission facilities (already approved)	\$ 651,000
2. Color capable equipment	900,000
3. Radio FM transmitter and stereo	50,000
4. One-year coverage for 5 engineers now on Channel 10	30,000
5. Remodel and air-condition TV and Radio studios	95,000
	\$1,726,000

B. Rendering CCTV Color Capable

1. Production equipment	\$ 400,000
2. Receivers	100,000
	\$ 500,000

C. Reserve for matching outside funds for building to house University communication facilities

\$ 300,000

RESOLVED that the proposed allocation of funds for Broadcasting and TV, as submitted, be approved.

Approved unanimously. Motion by Trustee Carrigan, seconded by Trustee Stevens.

- 5. Vice President Muelder recommended that the Board of Trustees reaffirm the resolution passed by the Trustees on May 21, 1971 relative to the MSU Student Housing Corporation. Last year the Housing Corporation's grant request in the amount of \$460,000 was not approved. The co-operative is now submitting a grant request for \$612,000, which necessitates a new resolution incorporating the new amount requested.

1971 resolution re MSU Student Housing Corp. reaffirmed

WHEREAS, MSU Student Housing Corporation, a non-profit corporation of the State of Michigan, has made application to the Department of Housing and Urban Development - College Housing Program, for grant of a loan in the sum of Six Hundred Twelve Thousand Dollars (\$612,000) to provide low cost housing for approximately forty-five women students and twenty families of married students attending Michigan State University; and

WHEREAS, the Board of Trustees of Michigan State University recognizes the need for such program to make possible an educational opportunity for students whose finances are restricted to cooperative housing;

NOW, THEREFORE, BE IT RESOLVED THAT THE Board of Trustees of Michigan State University approves the stated purposes for which MSU Student Housing Corporation was chartered and the specific project for which said loan application is filed.

Resolution approved unanimously. Motion by Trustee Huff, seconded by Trustee Stevens. It was explained that approval did not signify any financial or legal liability on the part of the University but only that the University would not change its regulations so as to prohibit off campus housing.

- 6. At their February 1972 meeting, the Trustees authorized the administration to further investigate the possibility of an investment in The Common Fund and submit a recommendation to the Trustees.

Plan for investment in The Common Fund approved

The administration recommended the following actions:

- A. The University invest \$300,000.00 of the John A. Hannah Professorships in The Common Fund as follows:

Income Account	\$181,848.80
Principal Account	118,151.20
	\$300,000.00

- B. The Bank of New York acts as a depository for The Common Fund. Therefore, it was recommended that the University be authorized to establish banking relationships with the Bank of New York, assigning Vice President Roger E. Wilkinson and Assistant Vice President Stephen H. Terry as the authorized signatures for this account.

6. Investment in The Common Fund, continued

- C. That Vice President Roger E. Wilkinson and/or Assistant Vice President Stephen H. Terry be authorized to give instructions concerning deposits, withdrawals, election of plans relating to the operation of The Common Fund, etc.

RESOLVED that the proposal for investment in The Common Fund,  
as submitted, be approved.

Approved unanimously. Motion by Trustee Huff, seconded by Trustee Stevens. President Wharton noted that the compensation under the Hannah Professorships is being investigated since these chairs are not as competitive as the administration feels they should be.

- 7. In a preliminary discussion (action taken in the April 21 public meeting) of the Power Plant 65 Unit 3 Turbine Generator bids, Mr. A. Kelsall, Vice President of Commonwealth Associates, Inc., the consultant for this project, explained the basis for his firm's recommendation that the University purchase the 15 Mw noncondensing turbine generator from the General Electric Co. He stated that while the GE base bid was higher than some of the others submitted, the lower annual operating cost made the GE total package more desirable.

Vice President Wilkinson reported that the present appropriation bill includes \$500,000 to begin the funding of this \$12,000,000 project.

Executive Vice President Breslin added that while staff people in the State budget office had agreed with the Commonwealth Associates' analysis, the University officers should have a week or ten days prior to the signing of the contracts to obtain the Capital Outlay Subcommittee's agreement. He also stated that while our original grant application for Life Sciences II included a request for \$1,200,000 for power plant expansion, the recently received guidelines for resubmitting that application stated that any part of this contract that is awarded is excluded from any federal money.

- 8. There have been various practices and policies utilized regarding the reimbursement of Trustee expenses. In an attempt to clarify these and to consolidate past actions, the following was recommended:

- A. Trustees will be reimbursed for all expenses incurred in the conduct of University business related to their service as a Trustee. The following are considered appropriate expenditures:

- 1. Travel to and from meetings of the Board by means appropriate to the time and circumstance.
- 2. Subsistence expenses and hotel accommodations in connection with such meetings.
- 3. Similar travel and expenses in connection with other visits to the University or other locations in the performance of Trustee responsibilities such as meetings with the President, commencements, retirement dinners, faculty awards, and University events at which attendance is a function of their Trustee role.

- B. Secretarial services for Trustees are provided by the office of the Secretary of the Board, including the use of a common office facility which has been reserved for the use of all Trustees for purposes of University business related to their service as a Trustee.

- 1. When use of such services is difficult due to distance or time, Trustees may have part-time secretarial/clerical service. However, such an individual shall not be deemed a University employee and shall only have a contractual relationship with the individual Trustee.
- 2. Reasonable office supplies and equipment such as stationery, typewriters, dictaphones will be provided by the Secretary of the Board.
- 3. Each Trustee is provided with a telephone credit card for use in University business.

- C. Each Trustee is provided with a University pool car on request.

Trustee Merriman asked if there was a clear statement of how expenses of chief University administrative officers are handled. President Wharton responded that at the time of his appointment, procedures were adopted which provide that expenses for both the President and Executive Vice President would be submitted for regular auditing procedures.

Executive Vice President Breslin remarked that the above statement would protect not only the Trustees but the University officers as well, since a statement outlining the kinds of expenses that are reimbursable to the Trustees does not exist. In response to a question from Trustee Carrigan, he stated that the University would purchase equipment for off-campus use by the Trustees.

Commonwealth Assoc. recommendations re Power Plant 65 Unit 3 Turbine Generator bids

Trustees' expenses

8. Expenses of Trustees, continued

Motion was made by Trustee Stevens, seconded by Trustee Hartman, to approve the recommended statement. Trustee Huff's editorial suggestion that item B be changed to read as follows was accepted.

- B. Secretarial services for Trustees are provided by the office of the Secretary of the Board, including the use of a common office facility which has been reserved for the use of all Trustees, for purposes of University business related to their service as a Trustee.

Unanimously approved.

9. Currently, the Admissions staff is packaging financial aid awards for incoming freshmen for the 1972-73 school year. The Admissions Office informs the student of his financial aid award, subject to funding by federal, state, and/or University sources. The University applies for federal support for the following programs: E.O.G., Work-Study, and National Defense Student Loan. Following this application, the H.E.W. Region V Panel approves a level of support. Historically, the University has received in actual federal appropriation 80% of what has previously been approved by the Region V Panel. With this knowledge, the University has been able to package financial aids for new freshmen students during the spring term, recognizing that the appropriation would fall within the 80% bracket.

Commitment for  
1972-73  
Financial Aid  
awards

As of this date, the 1972-73 educational bill has not been passed in Washington. Usually, this would cause the University little problem since we would be inclined to use the 80% factor in establishing our estimates for committing the University to financial aid awards. However, this year is not a typical year because of the national election as well as various amendments which have been attached to the education bill. The national administration has recommended a revision in the federal financial aid programs, which has not received the concurrence of the House under the leadership of Representative Edith Green.

Recently, a Senate bill, which is similar to the administration's recommendation, cleared the Joint Conference Committee on a 11-9 vote. It appears as though it will be a period of time before the University will have a firm commitment or direction as to its financial aids funding for the next school year.

It is necessary, however, for the University to make a commitment to new freshmen students, subject to funding, and the Financial Aids Administrative Group has recommended that the University proceed to package the financial aid programs, taking into consideration an expected 80% funding on current programs. A schedule reporting the various financial facts relating to this matter was distributed to the Trustees and is filed in the Secretary's Office.

Vice President Muelder reported that as of April 20 a resolution had been introduced in the House of Representatives requesting a continuation of the current year's program and funding level for one year, with a good chance that this resolution would prevail. He stated that other universities were packaging at the current funding level and including a rider to the recipients that the awards are being made subject to the availability of funds. Vice President Wilkinson reported that the letter has always been written on a conditional funding basis, but that we do have a moral commitment. He recommended that the Trustees approve packaging at the present levels of \$1,319,171 for E.O.G., \$1,388,374 for Work-Study, and \$2,207,232 for NDSL.

Motion was made by Trustee Huff, seconded by Trustee Carrigan that in the calculations and initial commitments the current year figures be used for freshman students and that the minutes show that it is the intention of the Board to meet those moral commitments if Congress does not provide this level of funding. Unanimously carried.

10. Recent experience with the anti-discrimination procedures adopted by the Board on February 28, 1970 has revealed certain complications regarding the original intent of the Board and the extent to which the Board wishes to delegate its authority. A letter from the University attorney outlining the issues was distributed to the Trustees and is filed in the Secretary's Office.

Anti-Discrim-  
ination  
Policies and  
Procedures  
amendments  
discussed

RESOLVED that the Anti-Discrimination Policy and Procedures be amended as follows:

To strike from Article IV-C-1 the words "as defined in this document"; to strike from Article IV-C-3 the words "by law"; to strike from Article IV-D-1 the sentence reading: "In the course of such investigation, these members shall make every reasonable effort to achieve a settlement of the dispute"; to add to the third sentence of Article IV-D-4 a clause saying "Provided, however, that any recommendations for the payment of money shall be referred to the Board of Trustees of Michigan State University for its consideration as an item of appropriation."

10. Anti-Discrimination Procedures, continued

Trustee Carrigan suggested that the deletion from Article IV-C-3 should be "by law or" and Attorney Carr agreed. There was general agreement on the proposed amendments and action was taken later in the public Board meeting.

The question of retroactivity was raised, and President Wharton remarked that two very central issues needed to be discussed by the Board: the extent to which the Board has delegated certain authority to the Anti-Discrimination Judicial Board and the extent to which the Board wishes to impose time constraints to the questions of retroactivity.

11. President Wharton announced that at least three Trustees had brought up the matter of the expected appearance of a group of students at the regular Board meeting in connection with the renewed bombing of North Viet Nam. He distributed, for action at the open meeting, the draft of a resolution calling for a speedy end to American involvement in this conflict. Trustee Huff suggested that the word "military" be inserted before "involvement." Trustee Merriman indicated he did not approve of the proposed resolution.

A related matter, discussed briefly, was the question of whether individuals or groups should be allowed to come before the Trustees without having made prior arrangements with the President or the Secretary. There seemed to be agreement that the administration should offer guidelines on how this should be handled in the future.

12. President Wharton asked if, in the action approving the publishing of faculty salary lists, the Trustees had intended to include A-P salaries. He also asked if the word "current" implied that 1971-72 salary lists were to be made public or if this policy was to become effective July 1, 1972.

It was agreed that A-P salaries were included in the action and that the effective date for this action would be July 1, 1972. It was also agreed that requests for information from IBM cards would not be granted.

13. Progress ReportsA. Budget Hearings

President Wharton reported that budget hearings held on Monday, April 17, were friendly and receptive and that the administration was optimistic regarding planning money for the College of Law.

B. Selection of Vice President for Student Affairs and Director of Athletics

The President reported that he regretted it became necessary for him to accede to the request for dismissal from the evaluation committee for the selection of a Vice President for Student Affairs because of the publication by the State News of an inaccurate list of candidates. Nominations for both the Vice President for Student Affairs and a Director of Athletics will probably be submitted to the Trustees at the May Board meeting.

C. College of Urban Development

President Wharton reported that a subcommittee of the Educational Policies Committee is preparing alternative proposals.

D. Trustee Distinguished Citizen Awards

These awards will be made during Michigan Week, either May 22 or May 24, possibly in Flint.

E. Residency Status for Children of Migrant Workers

Guidelines for determination of residency status of sons and daughters of migrant workers are near completion. Trustee Stevens asked that the Trustees be informed if these guidelines are approved by administrative action.

Adjourned.

Discussion of Resolution re end of American involvement in Vietnam

Publication of Salaries; A-P to be included

Progress Reports:

Budget Hearings

Selection of V.P. for Student Affairs and Dir. of Intercollegiate Athletics

Urban Affairs

Trustee Dist. Citizen Awards

Residency Status for Children of Migrant Workers

MINUTES OF THE MEETING  
of the  
BOARD OF TRUSTEES  
April 21, 1972

Present: Trustees Carrigan, Hartman, Huff, Martin, Merriman, Stevens, and White; President Wharton, Executive Vice President and Secretary Breslin, Vice President Wilkinson, Provost Cantlon, Vice Presidents Muelder, Perrin, and Scott, Assistant to the President Ballard.

Absent: Trustee Thompson.

The Board convened in the Board Room at 10:44 a.m. - President Wharton presiding.

On motion by Trustee Stevens, seconded by Trustee Carrigan, it was unanimously voted to approve the minutes of the March 17, 1972 meeting of the Board.

SPECIAL MISCELLANEOUS

1. President Wharton asked that two items be added to the agenda:

- a. A proposed resolution dealing with the war in Indo China.
- b. A proposed resolution on the taping of Board meetings by the news media.

Trustee Huff indicated he wished to add items concerning the relationships of the Board to students.

Motion was made by Trustee Martin, seconded by Trustee Huff, to adopt the agenda with the additions. Unanimously carried.

2. On motion by Trustee Huff, seconded by Trustee Stevens, it was unanimously voted to approve the finance actions on the preceding pages.

3. President Wharton officially welcomed Vice President for University Development, Leslie W. Scott, to the meeting.

A. PERSONNEL CHANGES

Resignations

Resignations

1. Robert F. Bolger, 4-H Youth Agent, Saginaw, Bay, and Midland Counties, effective May 16, 1972, to accept another position.
2. Jeannette B. Drew, Extension Home Economist, Washtenaw County, effective April 12, 1972, to accept employment at Wayne State University.
3. Howard H. Handorf, Extension Director, Schoolcraft County, effective April 30, 1972, to seek other employment.
4. Martha S. Martin, Extension Home Economist, Alcona and Oscoda Counties, effective April 30, 1972, to accompany husband who is being transferred to Edwards Air Force Base near Los Angeles, California.
5. Thomas John Andrews, Research Associate, Biochemistry, effective March 31, 1972, leaving the country.
6. Francis E. Walker, Jr., Assistant Professor, German and Russian, effective August 31, 1972, to accept another position.
7. Floyd W. Windal, Professor, Accounting and Financial Administration, effective August 31, 1972, to accept the position of Chairman, Accounting Department, University of Georgia, Athens.
8. Dorothy I. Popejoy, Assistant Professor, Health, Physical Education and Recreation, effective March 31, 1972.
9. William L. Kilmer, Professor, Electrical Engineering and Systems Science, and Engineering Research, effective August 31, 1972.
10. Allen J. Enelow, Professor and Chairman, Psychiatry and Continuing Education Service, effective August 31, 1972, to accept a position at Pacific Medical Center, University of the Pacific.
11. Austin M. Katz, Assistant Clinical Professor, Psychiatry, effective February 29, 1972, to move and start private practice.
12. Eloise Kuntz, Assistant Professor of Research, Biophysics, effective June 30, 1972, to accept another position at Michigan State University.
13. Saura Sahu, Research Associate, Biophysics, effective March 31, 1972, to accept a position in Dayton, Ohio.
14. Zdzislaw Pskornik, Research Associate, Botany and Plant Pathology, effective April 30, 1972, to return to his home in Poland.

A. PERSONNEL CHANGES, continued

April 21, 1972

## Resignations

Resignations, continued

15. W. Eugene Deskins, Professor, Mathematics, effective August 31, 1972, to accept a position at the University of Pittsburgh.
16. William A. Lanford, Research Associate, Physics-Cyclotron, effective March 31, 1972, to be appointed Assistant Research Professor.
17. Robert G. H. Robertson, Research Associate, Physics-Cyclotron, effective March 31, 1972, to be appointed Assistant Research Professor.
18. James W. Langdon, Postdoctoral Fellow, Zoology, effective February 29, 1972, termination of Postdoctoral traineeship by NIH.
19. Marilyn Long, Instructor, Nursing, effective April 30, 1972, to seek employment elsewhere.
20. Charles Fortino, Clinical Instructor, Family and Community Medicine, effective February 29, 1972.
21. William G. Hegarty, Assistant Professor, Criminal Justice, effective August 31, 1972, to accept the position of Director of Public Safety, Jackson, Michigan.
22. Richard L. Greaves, Associate Professor, Humanities, effective August 31, 1972, to accept an appointment at Florida State University.
23. Donna B. Kasdan, Instructor, Social Science, effective August 31, 1972, to accompany husband who has accepted a new position elsewhere.
24. Michael D. Tirado, Assistant Professor and Director, Field Experience Program, James Madison College, effective June 30, 1972, to accept a new position at the University of Redlands, Johnston College.

## Leaves

Leaves--Sabbatical

1. June L. Sears, Extension Home Economist, Wayne and Oakland Counties, with full pay, from January 1, 1973 through June 30, 1973, to pursue Ph.D. in Family Ecology.
2. Walter M. Urbain, Professor, Food Science and Human Nutrition, with full pay, from July 1, 1972 through December 31, 1972, to travel in European countries and study in East Lansing.
3. Robert S. Manthy, Associate Professor, Forestry, and Resource Development, with full pay, from October 17, 1972 through April 15, 1973, to study in East Lansing and other locales and travel in the United States and Europe.
4. Nancy Stackhouse, Associate Professor, Art, with full pay, from March 15, 1973 through June 15, 1973, to study and travel in Mexico.
5. Irving Z. Taran, Assistant Professor, Art, with full pay, from September 1, 1972 through December 31, 1972, to paint in East Lansing.
6. Donald F. Koch, Assistant Professor, Philosophy, with half pay, from September 1, 1972 through August 31, 1973, to study in Berkeley, California.
7. Ann Harrison, Associate Professor, Romance Languages, with half pay, from January 1, 1973 through June 30, 1973, to study in East Lansing.
8. Helene Tzitsikas, Professor, Romance Languages, with full pay, from September 1, 1972 through December 31, 1972, to study and travel in the United States and Spain.
9. Robert A. Solo, Professor, Economics, and Management, with half pay, from September 1, 1972 through August 31, 1973, to study at the Institute de Recherche et Planification, University of the Social Sciences, Grenoble, France.
10. Samuel A. Moore II, Professor, Administration and Higher Education, with full pay, from March 1, 1973 through August 31, 1973, to study at home and abroad.
11. Glen O. Cooper, Professor, Elementary and Special Education, with full pay, from January 1, 1973 through March 31, 1973, to study at home and travel in Michigan and Colorado.
12. Hilliard Jason, Professor, Medical Education Research and Development, Counseling, Personnel Services and Educational Psychology, and Psychiatry, with full pay, from July 1, 1973 through August 31, 1973, to study and write in Bethesda, Maryland, and Lansing, Michigan.
13. Francis J. Haddy, Professor and Chairman, Physiology, with half pay, from September 1, 1972 through August 31, 1973, to study in Germany at the Medical School of Rhein, Department of Physiology.
14. Herman M. Slatis, Professor, Zoology, with half pay, from September 1, 1972 through August 31, 1973, to study in Tel Aviv, Israel (Department of Human Genetics, Medical School, Tel Aviv University).

A. PERSONNEL CHANGES, continued

April 21, 1972

Leaves--Sabbatical, continued

Leaves

15. Lawrence M. Sommers, Professor and Chairman, Geography, with full pay, from June 12, 1972 through September 11, 1972, to study and travel in Western Europe and Michigan.
16. Arthur A. Seagull, Associate Professor, Psychology, with full pay, from October 1, 1972 through December 31, 1972, to study in East Lansing.
17. C. L. Winder, Professor and Dean, College of Social Science, and Psychology, with full pay, from July 1, 1972 through December 31, 1972, to study in East Lansing and Montague, Michigan.
18. Peter K. Manning, Associate Professor, Sociology, and Psychiatry, with half pay, from September 1, 1972 through May 31, 1973, to student in London, England.
19. Donald W. Olmsted, Professor, Sociology, with half pay, from January 1, 1973 through June 30, 1973, to study and travel in Yugoslavia and the Middle East.
20. Ethelbert Thomas, Jr., Associate Professor, Social Work, and Assistant Dean for Continuing Education, College of Social Science, with full pay, from September 28, 1972 through December 29, 1972, to study and teach in Western Europe, particularly Britain with emphasis on South Wales.
21. Edward A. Carlin, Professor and Dean, University College, with full pay, from June 16, 1972 through September 15, 1972, to study and travel in Montague, Michigan, East Lansing, Michigan, and the United States.
22. Benjamin B. Hickock, Professor, American Thought and Language, with full pay, from April 1, 1973 through June 30, 1973, to study in East Lansing and travel in Greece.
23. Eugene L. Huddleston, Associate Professor, American Thought and Language, with full pay, from April 1, 1973 through June 30, 1973, to study in East Lansing.
24. Kenneth J. Harrow, Assistant Professor, Humanities, with half pay, from September 1, 1973 through August 31, 1974, to study in Paris and Algeria.
25. Anthony Linick, Associate Professor, Humanities, with full pay, from April 1, 1973 through June 30, 1973, to study in East Lansing and travel in Europe.
26. Peter A. McKinnon, Associate Professor, Humanities, with full pay, from October 1, 1973 through December 31, 1973, to study in East Lansing and travel in the United Kingdom.
27. Alfred Wolf, Associate Professor, Humanities, with full pay, from April 1, 1973 through June 30, 1973, to study and travel in Worcester, Massachusetts and East Lansing.
28. Alain F. Corcos, Associate Professor, Natural Science, with half pay, from September 1, 1972 through August 31, 1973, to conduct research in East Lansing and at several laboratories in France.
29. Fauzi M. Najjar, Professor, Social Science, and Justin Morrill College, with full pay, from April 1, 1973 through June 30, 1973, to study in East Lansing and Ann Arbor.
30. Melvin J. Segal, Professor, Social Science, with full pay, from April 1, 1973 through June 30, 1973, to study in Gainesville, Florida and East Lansing.

Leaves--Health

1. Lysle F. Hutton, District Extension Consumer Marketing Information Agent, Genesee County, with full pay, from April 1, 1972 through April 30, 1972.
2. Margaret A. Ross, Extension Home Economist, Huron, Tuscola, and Sanilac Counties, with full pay, from March 6, 1972 through April 30, 1972.
3. Robert G. LaPrad, Associate Professor, Institute of Agricultural Technology, with full pay, from March 3, 1972 through April 3, 1972.
4. H. Paul Sweany, Professor, Secondary Education and Curriculum, with full pay, from March 27, 1972 through June 26, 1972.
5. Everett G. Snyder, Professor, Natural Science, with full pay, from May 1, 1972 through May 31, 1972.
6. Carolyn G. Asquith, Librarian, Libraries, with full pay, from March 25, 1972 through April 30, 1972.

## A. PERSONNEL CHANGES, continued

April 21, 1972

## Leaves

Leaves--Other

1. June L. Sears, Extension Home Economist, Wayne and Oakland Counties, without pay, from October 1, 1972 through December 31, 1972, to pursue Ph.D. in Family Ecology.
2. Lawrence W. Witt, Professor, Agricultural Economics, without pay, from April 1, 1972 through April 7, 1972, to serve as consultant in Brazil and Washington.
3. Jan deVries, Assistant Professor, History, without pay, from September 1, 1972 through December 31, 1972, to serve as Visiting Assistant Professor of Economic History, Yale University.
4. Donald J. Bowersox, Professor, Marketing and Transportation Administration, without pay, from September 1, 1972 through August 31, 1973, to serve as consultant at Systems Res., Inc. of Lansing and write.
5. May E. Chin, Assistant Professor, Audiology and Speech Sciences, without pay, from July 1, 1972 through August 31, 1972, to study at Northwestern University.
6. Herbert J. Rood, Associate Professor, Astronomy, without pay, from September 1, 1972 through August 31, 1973, to study at the Institute for Advanced Study, Princeton, New Jersey.
7. Rufus P. Browning, Associate Professor, Political Science, without pay, from September 1, 1972 through August 31, 1973, for research and teaching in California.
8. Patricia W. Julius, Instructor, American Thought and Language, without pay, from January 1, 1973 through April 30, 1973, to study in East Lansing.
9. David Katz, Instructor, Social Science, without pay, from March 1, 1972 through June 30, 1972, to study at Syracuse University and in East Lansing.

Transfers and  
Changes in  
AssignmentTransfers and Changes in Assignment

D. E. Maddex

1. Transfer Douglas E. Maddex, 4-H Youth Agent, from At Large to Wayne and Oakland Counties, effective May 1, 1972.

Barry D. Amis

2. Change of assignment for Barry D. Amis, Assistant Professor, from English and Romance Languages to English only, effective September 1, 1972.

Alexander  
Murray

3. Change terms of leave for Alexander Murray, Assistant Professor, Music, from leave, half pay, effective January 1, 1973 through June 30, 1973, to leave, full pay, effective January 1, 1973 through March 31, 1973.

Myles S.  
Delano

4. Change terms of leave for Myles S. Delano, Professor, Accounting and Financial Administration, from leave, full pay, effective October 1, 1972 through December 31, 1972, to leave, no pay, effective September 1, 1972 through August 31, 1973.

Myron L.  
Erickson

5. Change Myron L. Erickson, Instructor, Business Law and Office Administration, from 50% time at a salary of \$5,000 to 75% time at a salary of \$7,500 per year on a 10-month basis, effective March 1, 1972 through August 31, 1972.

Leo V. Deal

6. Change of status for Leo V. Deal from Professor and Acting Chairman, Audiology and Speech Sciences, to Professor and Chairman, Audiology and Speech Sciences, with a change in salary to \$23,700 per year on a 12-month basis, effective May 1, 1972.

Laura Miller

7. Change Laura Miller, Instructor, Student Teaching, from 50% time at a salary of \$4,325 to 70% time at a salary of \$6,065 per year on a 10-month basis, effective March 1, 1972 through June 30, 1972.

Hazel Patten

8. Change Hazel Patten, Instructor, Student Teaching, from 50% time at a salary of \$333.50 per month to 80% time at a salary of \$533.50 per month, effective March 1, 1972 through June 30, 1972.

Elaine Weber

9. Additional assignment as Coordinator, Experimental Reading Program-Flint, effective September 1, 1971 through August 31, 1972 for Elaine Weber, Instructor, Mott Institute for Community Improvement.

Charles R.  
St.Clair, Jr.

10. Change of assignment for Charles R. St. Clair, Jr. from Professor and Chairman, Mechanical Engineering, to Professor, only, Mechanical Engineering, effective April 1, 1972.

Robert W.  
Little

11. Change Robert W. Little, Professor, Metallurgy, Mechanics, and Materials Science, from a 10-month basis, at a salary of \$19,400 per year to a 12-month basis, at a salary of \$24,250 per year, effective January 1, 1972 through March 31, 1972.

Robert W.  
Little

12. Change of assignment for Robert W. Little from Professor, Metallurgy, Mechanics, and Materials Science, to Professor and Chairman, Mechanical Engineering, and Professor, Metallurgy, Mechanics, and Materials Science, with an increase in salary to \$27,500 per year on a 12-month basis, effective April 1, 1972.

A. PERSONNEL CHANGES, continued

April 21, 1972

Transfers and Changes in Assignment, continued

Transfers and Changes in Assignment

- 13. Change in leave dates from April 15, 1971 through March 31, 1972 to April 15, 1971 through June 30, 1972 for Julian Kateley, Professor, Computer Science and Associate Director, Computer Laboratory.
- 14. Transfer Virginia S. Beauchamp, Assistant Professor, from Human Environment and Design and Dean's Office, College of Human Ecology, to Continuing Education and Dean's Office, College of Human Ecology, effective April 1, 1972 through July 31, 1972.
- 15. Extension of appointment as Interim Director of the Computer Laboratory until June 30, 1972 for Harry A. Eick, Professor, Chemistry.
- 16. Transfer Donald C. Tavano, Assistant Professor, from Health, Physical Education and Recreation to Community Medicine and Osteopathic Medicine and a change from a 10-month basis to a 12-month basis at a salary of \$16,250 per year, effective September 1, 1972.
- 17. For Robert C. Ward:
  - a. Change from Assistant Professor, Family and Community Medicine, 60% time at a salary of \$15,000 per year, to Professor, Family and Community Medicine, 100% time at a salary of \$40,000 per year on a 12-month basis, effective May 1, 1972 through June 30, 1972;
  - b. Change to Professor and Chairman, Family Medicine, effective July 1, 1972.
- 18. Dual assignment of Bert M. Bez, Associate Professor, to Osteopathic Medicine and Surgery, effective September 1, 1972.
- 19. Change Lawrence E. Jacobson from Professor and Acting Chairman, Department of Osteopathic Medicine, to Professor and Assistant Dean, College of Osteopathic Medicine, with an increase in salary to \$40,000 per year on a 12-month basis, effective July 1, 1972.
- 20. Change Richard J. Ball, Research Associate, Psychology and Elementary and Special Education, from 33% time at a salary of \$339.25 per month to 20% time at a salary of \$345.79 per month, effective April 1, 1972 through June 30, 1972.
- 21. Dual assignment of George W. Fairweather, Professor, to Psychology and the Center for Urban Affairs, effective July 1, 1971.
- 22. Additional assignment as Associate Chairman, Department of Psychology, effective July 1, 1969, for Raymond W. Frankmann, Professor, Department of Psychology.
- 23. Change of assignment for Gary H. Mendelsohn, Specialist, from Computer Institute for Social Science Research and Psychology to Psychology only, effective February 1, 1972 through April 30, 1972.
- 24. Change William G. Hegarty, Assistant Professor, Criminal Justice, from 100% time to 50% time at a salary of \$5,750 per year on a 10-month basis, effective May 1, 1972 through August 31, 1972.
- 25. Change in dates of leave for Albert A. Blum, Professor, Labor and Industrial Relations, and Multidisciplinary Major Program, from March 20, 1972 through June 9, 1972 to March 27, 1972 through June 9, 1972.
- 26. Change in ending date of health leave for Albert C. Holloway, Assistant Professor, Social Work, from March 31, 1972 to February 22, 1972.
- 27. Change in leave dates for Robert H. Davis, Professor and Assistant Provost, from April 15, 1972 through June 15, 1972, to June 15, 1972 through September 15, 1972.
- 28. For Herbert Paterra, Specialist and Assistant Football Coach, Intercollegiate Athletics:
  - a. Change from 100% time to 60% time, effective January 1, 1972 through December 31, 1972;
  - b. Change from 60% time to 100% time with an increase in salary to \$10,000 per year on a 12-month basis, effective April 1, 1972 through December 31, 1972.
- 29. For James Raye, Specialist and Assistant Football Coach, Intercollegiate Athletics:
  - a. Change from 100% time to 60% time, effective January 1, 1972 through December 31, 1972;
  - b. Change from 60% time to 100% time with an increase in salary to \$10,000 per year on a 12-month basis, effective April 1, 1972 through December 31, 1972.
- 30. Assignment of Glenn L. Johnson, Professor, Agricultural Economics, to Overseas-Korea, effective March 2, 1972 through April 6, 1972.
- 31. For James D. Shaffer, Professor, Agricultural Economics:
  - a. Assignment to Overseas-Korea at an overseas salary of \$26,950 per year on a 12-month basis, effective January 20, 1972 through February 16, 1972;
  - b. Assignment to Overseas at an overseas salary of \$26,950 per year on a 12-month basis, effective February 17, 1972 through March 3, 1972.

Julian Kateley

Virginia S. Beauchamp

Harry A. Eick

Donald C. Tavano

Robert C. Ward

Bert M. Bez

Lawrence E. Jacobson

Richard J. Ball

George W. Fairweather

Raymond W. Frankmann

Gary H. Mendelsohn

William G. Hegarty

Albert A. Blum

Albert C. Holloway

Robert H. Davis

Herbert Paterra

James Raye

Glenn L. Johnson

James D. Shaffer

## A. PERSONNEL CHANGES, continued

April 21, 1972

Transfers and  
Changes in  
AssignmentTransfers and Changes in Assignment, continued

- Vernon Sorenson
- Ray L. Cook
- John M. Hunter
- Thomas J. Manetsch
- Tom W. Carroll
- Kevin C. Gottlieb
- William J. Schoenl
- Richard Niehoff
- Donato A. Magistro
- Peter Sigg
- Guenter Stork
- David W. Littleton
- Gary Posner
- Paul A. Nilsson
32. Assignment of Vernon Sorenson, Professor, Agricultural Economics, to Overseas-Korea at an overseas salary of \$26,070 per year on a 12-month basis, effective January 20, 1972 through February 19, 1972.
33. Assignment of Ray L. Cook, Professor Emeritus, to the MSU/AID Argentine Project, retirement plus \$3,000 for the period, effective May 15, 1972 through June 30, 1972.
34. Assignment of John M. Hunter, Professor, Economics, and Director, Latin American Studies Center, to Overseas-Brazil, effective March 16, 1972 through March 28, 1972.
35. Assignment of Thomas J. Manetsch, Associate Professor, Electrical Engineering and Systems Science, to Overseas-Korea at an overseas salary of \$19,910 per year on a 10-month basis, effective September 1, 1971 through June 30, 1972.
36. Assignment of Tom W. Carroll, Assistant Professor, Computer Institute for Social Science Research and the Computer Laboratory, to Overseas-Korea at an overseas salary of \$17,820 per year on a 12-month basis, effective March 1, 1972 through March 31, 1972.
37. Assignment of Kevin C. Gottlieb, Assistant Professor, Social Science, to Overseas-London effective March 1, 1972 through June 30, 1972.
38. Change of assignment for William J. Schoenl, Assistant Professor, from Humanities to Humanities, Continuing Education, and Overseas-AMLEC, effective March 1, 1972 through June 30, 1972.
39. Assignment of Richard Niehoff, Professor and Assistant Dean, International Studies and Programs, to Overseas-Ethiopia, effective March 1, 1972 through April 30, 1972.
40. Change Donato A. Magistro from Assistant Cyclotron Operations Engineer, Physics-Cyclotron, Labor Payroll, to Assistant Cyclotron Operations Engineer AP-III, Physics-Cyclotron, at a salary of \$11,800 per year on a 12-month basis, effective May 1, 1972.
41. Change Peter Sigg, Nuclear Research Engineer, Physics-Cyclotron, from AP-V to AP-VI with an increase in salary to \$13,100 per year on a 12-month basis, effective May 1, 1972.
42. Change Guenter Stork, Cyclotron Design Engineer, Physics-Cyclotron, from AP-III to AP-IV with an increase in salary to \$13,100 per year on a 12-month basis, effective May 1, 1972.
43. Change David W. Littleton from Program and Promotion Assistant, Radio Broadcasting, 75% time at a salary of \$3.85 per hour, to Promotion and Public Relations Coordinator AP-I, Radio Broadcasting, 100% time at a salary of \$8,970 per year on a 12-month basis, effective May 1, 1972 through April 30, 1973.
44. Change Gary Posner, Director, Staff Benefits, from AP-VI to AP-VIII with an increase in salary to \$16,840 per year on a 12-month basis, effective May 1, 1972.
45. Transfer Paul A. Nilsson, from Superintendent, Utilities Service AP-VIII, Physical Plant Division, to Associate Director AP-IX, Physical Plant Division, with an increase in salary to \$20,000 per year on a 12-month basis, effective April 1, 1972.

## Promotions

Promotions

1. Change in title from Instructor to Assistant Professor, Packaging, for Wayne Howard Clifford, on a 12-month basis, effective April 1, 1972.
2. Change in title from Instructor to Assistant Professor, American Thought and Language, for Anne M. Ousterhout, on a 10-month basis, effective March 16, 1972.

Special  
ReappointmentSpecial Reappointments

1. Reappointment of Robert R. Brubaker as Assistant Professor, Microbiology and Public Health, with tenure, on a 10-month basis, effective September 1, 1972.

## Salary Changes

Salary Changes

1. Increase in salary for Linda G. Nierman, Extension Program Development Agent, 4-H Youth and Family Living, Genesee County, to \$15,000 per year on a 12-month basis, effective December 1, 1971.
2. Increase in salary for Richard J. Ball, Research Associate, Psychology, and Physiology, to \$720 per month, effective October 1, 1971 through December 31, 1971.
3. Increase in salary for Richard J. Ball, Research Associate, Psychology, and Elementary and Special Education, to \$570.55 per month, effective January 1, 1972 through March 31, 1972.
4. Increase in salary for Terry A. Haines, Research Associate, Institute of Water Research, and Fisheries and Wildlife, to \$11,200 per year on a 12-month basis, effective March 15, 1972 through September 30, 1972.

## A. PERSONNEL CHANGES, continued

April 21, 1972

Salary Changes, continued

Salary Changes

5. Increase in salary for Richard Hansen, Continuing Education News Editor AP-VII, Continuing Education Service, and Information Services, to \$14,250 per year on a 12-month basis, effective December 1, 1971.
6. Increase in salary for Edward McAleer, Administrative Assistant AP-VI, Off-Campus Credit Courses, Continuing Education Service, to \$13,200 per year on a 12-month basis, effective December 1, 1971.
7. Increase in salary for Haywood W. Julian, Sergeant AP-VII, Public Safety, to \$16,200 per year on a 12-month basis, effective April 1, 1972.
8. Increase in salary for Charles W. Miller, Systems Programmer, Data Processing, to \$12,580 per year on a 12-month basis, effective March 1, 1972.

Appointments

Appointments

1. Sharon Kay Fritz, Extension Home Economist, At Large, at a salary of \$9,500 per year on a 12-month basis, effective May 1, 1972.
2. Diann Kay Jenkins, Extension Home Economist, Gladwin, Clare, and Isabella Counties, at a salary of \$9,000 per year on a 12-month basis, effective May 1, 1972.
3. Kristin Ann Sorgenfrei, Extension Home Economist, Presque Isle, and Alpena Counties, 60% time, at a salary of \$6,500 per year on a 12-month basis, effective May 1, 1972.
4. Jordan Bradley Tatter, District Extension Horticultural Agent, Southwest Michigan, at a salary of \$17,000 per year on a 12-month basis, effective May 1, 1972.
5. Rufus Adegboye, Visiting Associate Professor, Agricultural Economics, without pay, effective April 1, 1972 through June 30, 1972.
6. Michael T. Weber, Specialist, Agricultural Economics, at a salary of \$800 per month on a 12-month basis, effective April 1, 1972 through March 31, 1973.
7. Shawky M. Dagher, Research Associate, Biochemistry, at a salary of \$8,000 per year on a 12-month basis, effective March 1, 1972 through August 31, 1972.
8. Charles Patrick Dunne, Research Associate, Biochemistry, at a salary of \$7,500 per year on a 12-month basis, effective May 1, 1972 through May 31, 1972.
9. Thomas H. Massey, Postdoctoral Fellow, Biochemistry, at a salary of \$9,000 per year on a 12-month basis, effective March 1, 1972 through June 30, 1972.
10. Estelle J. McGroarty, Postdoctoral Fellow, Biochemistry, at a salary of \$6,500 per year on a 12-month basis, effective March 1, 1972 through June 30, 1972.
11. Fred Ryan, Research Associate, Biochemistry, at a salary of \$8,400 per year on a 12-month basis, effective May 18, 1972 through May 31, 1973.
12. Young-Oh Shin, Research Associate, Crop and Soil Sciences, at a salary of \$7,500 per year on a 12-month basis, effective April 1, 1972 through July 15, 1972.
13. Lee A. Edgerton, Research Associate, Dairy Science, at a salary of \$9,900 per year on a 12-month basis, effective April 1, 1972 through May 15, 1972.
14. Lee A. Edgerton, Research Associate, Dairy Science, at a salary of \$9,900 per year on a 12-month basis, effective May 16, 1972 through June 30, 1972.
15. Roger R. Neitzel, Research Associate, Dairy Science, at a salary of \$10,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
16. Richard Ernest Walker, Assistant Professor, German and Russian, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1972.
17. David C. Bailey, Assistant Professor, History, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1972.
18. Louise Audino Tilly, Instructor, History, at a salary of \$10,800 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
19. Donna J. Arnink, Instructor, Theatre, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1972.
20. Paul B. Ginsburg, Assistant Professor, Economics, and Health Services Education and Research, at a salary of \$14,500 per year on a 10-month basis, effective September 1, 1972.
21. Ida Annie Torrans, Instructor, Audiology and Speech Sciences, and Office of the Dean of Communication Arts, at a salary of \$2,000 for the period April 1, 1972 through June 30, 1972, 50% time.

## A. PERSONNEL CHANGES, continued

April 21, 1972

## Appointments

Appointments, continued

22. Charles Raymond Mauldin, Assistant Professor, Advertising, at a salary of \$13,500 per year on a 10-month basis, effective September 1, 1972.
23. Edward P. Keller, Lecturer, Administration and Higher Education, at a salary of \$21,300 per year on a 12-month basis, effective May 1, 1972 through June 30, 1975.
24. Gunder A. Myran, Associate Professor, Administration and Higher Education, at a salary of \$21,500 per year on a 12-month basis, effective June 1, 1972 through June 30, 1972.
25. Nathan Deen, Visiting Professor, Counseling, Personnel Services, and Educational Psychology, without pay, effective June 16, 1972 through December 15, 1972.
26. Sheila Mary Fitzgerald, Assistant Professor, Elementary and Special Education, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1972.
27. Roger C. Niemeyer, Instructor, Student Teaching, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1972.
28. Henrietta L. Barnes, Assistant Professor, Teacher Education, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1972.
29. Kwang Yun Lee, Research Associate, Engineering Research, at a salary of \$791.66 per month on a 12-month basis, effective March 16, 1972 through June 30, 1972.
30. Marliss B. Myran, Instructor, Family Ecology, 30% time, at a salary of \$700 for the period March 1, 1972 through June 30, 1972.
31. Patricia Marie Tengel, Assistant Professor, Family Ecology, at a salary of \$14,500 per year on a 12-month basis, effective September 1, 1972.
32. Barbara Wain Laughlin, Instructor, Human Environment and Design, 50% time, at a salary of \$1,800 for the period March 1, 1972 through June 30, 1972.
33. Gerald Bruce Holzman, Associate Professor, Obstetrics, Gynecology, and Reproductive Biology, at a salary of \$35,000 per year on a 12-month basis, effective July 1, 1972.
34. Seiichiro Fujimoto, Research Associate, Physiology, at a salary of \$8,000 per year, effective March 16, 1972 through September 15, 1972.
35. Lewis Brodsky, Assistant Clinical Professor, Psychiatry, without pay, on a 12-month basis, effective April 1, 1972 through June 30, 1972.
36. Ernesto Oscar Lis, Assistant Clinical Professor, Psychiatry, without pay, on a 12-month basis, effective March 1, 1972 through June 30, 1972.
37. Norman Rosenzweig, Associate Clinical Professor, Psychiatry, without pay, on a 12-month basis, effective March 1, 1972 through June 30, 1972.
38. Ronald E. Trunsky, Assistant Clinical Professor, Psychiatry, without pay, on a 12-month basis, effective January 1, 1972 through June 30, 1972.
39. Norman S. Hayner, Associate Clinical Professor, Health Services Education and Research, without pay, on a 12-month basis, effective March 1, 1972 through June 30, 1972.
40. John L. Isbister, Associate Clinical Professor, Health Services Education and Research, without pay, on a 12-month basis, effective March 1, 1972 through June 30, 1972.
41. Irving A. Taylor, Assistant Clinical Professor, Health Services Education and Research, without pay, on a 12-month basis, effective March 15, 1972 through June 30, 1972.
42. Herbert J. Rood, Associate Professor, Astronomy, at a salary of \$16,000 per year on a 10-month basis, effective September 1, 1972.
43. John Jay Engel, Research Associate, Botany and Plant Pathology, at a salary of \$4,280 for the period April 1, 1972 through August 31, 1972.
44. Su-Chan Hsu, Assistant Professor, Botany and Plant Pathology, at a salary of \$11,000 per year on a 12-month basis, effective February 1, 1972 through January 31, 1973.
45. Dennis C. Jackson, Visiting Associate Professor, Botany and Plant Pathology, 40% time, at a salary of \$1,500 for the period April 1, 1972 through June 30, 1972.
46. Ronald W. Goles, Research Associate, Chemistry, at a salary of \$800 per month on a 12-month basis, effective March 1, 1972 through June 30, 1972.

## A. PERSONNEL CHANGES, continued

April 21, 1972

Appointments, continued

Appointments

47. Robert Seiver, Research Associate, Chemistry, at a salary of \$625 per month on a 12-month basis, effective June 1, 1972 through June 12, 1972.
48. Dharam Chand Khatri, Instructor, Mathematics, 75% time, at a salary of \$1,638 for the period April 1, 1972 through June 30, 1972.
49. Peter Hirsch, Visiting Professor, Microbiology and Public Health, without pay, effective April 7, 1972 through April 23, 1972.
50. Maung T. Lin, Research Associate, Physics, at a salary of \$975 per month, effective April 1, 1972 through April 30, 1972.
51. Donald L. Beaver, Assistant Professor, Zoology, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972.
52. William A. Lanford, Assistant Research Professor, Physics-Cyclotron, at a salary of \$10,600 per year on a 12-month basis, effective April 1, 1972 through August 31, 1973.
53. Robert G. H. Robertson, Assistant Research Professor, Physics-Cyclotron, at a salary of \$10,600 per year on a 12-month basis, effective April 1, 1972 through May 31, 1973.
54. Felix Winkenbach, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of \$9,000 per year on a 12-month basis, effective May 1, 1972 through April 30, 1973.
55. Lawrence G. Weathers, Instructor, Science and Mathematics Teaching Center, 50% time, at a salary of \$1,200 for the period April 1, 1972 through June 30, 1972.
56. Eloise Kuntz, Assistant Professor, Biomechanics, at a salary of \$17,000 per year on a 12-month basis, effective July 1, 1972.
57. Richard M. Roppel, Associate Professor, Biomechanics, at a salary of \$21,000 per year on a 12-month basis, effective July 1, 1972.
58. J. B. Dolven, Clinical Instructor, Family and Community Medicine, 5% time, at a salary of \$500 for the period January 1, 1972 through June 30, 1972.
59. Eugene W. Friesen, Clinical Associate Professor, Family and Community Medicine, without pay, on a 12-month basis, effective September 1, 1971 through August 31, 1972.
60. Gerald Lyle Gilroy, Clinical Instructor, Osteopathic Medicine, without pay, on a 12-month basis; effective March 13, 1972 through August 31, 1972.
61. Stephen M. J. Hoffman, Clinical Instructor, Osteopathic Medicine, 7% time, at a salary of \$500 for the period April 1, 1972 through August 31, 1972.
62. Daniel Koprince, Clinical Professor, Osteopathic Medicine, without pay, effective March 1, 1972 through August 31, 1972.
63. Harold Margolis, Clinical Instructor, Osteopathic Medicine, at a salary of \$700 for the period April 1, 1972 through August 31, 1972, 10% time.
64. George Joseph McCarthy, Clinical Instructor, Osteopathic Medicine, without pay, on a 12-month basis, effective March 13, 1972 through August 31, 1972.
65. Alvin Barry Michaels, Assistant Professor, Osteopathic Medicine, at a salary of \$5,000 for the period January 1, 1972 through August 31, 1972.
66. Fred C. Tinning, Instructor, Osteopathic Medicine, at a salary of \$9,000 per year on a 12-month basis, effective February 1, 1972 through January 31, 1973, 50% time.
67. Harold J. Tobes, Clinical Associate Professor, Osteopathic Medicine, 10% time, at a salary of \$700 for the period April 1, 1972 through August 31, 1972.
68. Maurice Dickson Ndukwu, Instructor, Center for Urban Affairs, at a salary of \$10,200 per year on a 12-month basis, effective July 1, 1972 through August 31, 1972.
69. Richard Walter Thomas, Instructor and Research Director for Media Project, Center for Urban Affairs, 65% time, at a salary of \$6,136 per year on a 12-month basis, effective April 1, 1972 through August 31, 1972.
70. Shiu Hua Wang, Librarian, Libraries, at a salary of \$11,000 per year on a 12-month basis, effective April 17, 1972.
71. Lois E. Herzog, Instructor, International Studies and Programs, 50% time, at a salary of \$300 per month on a 12-month basis, effective March 15, 1972 through May 31, 1972.

Motion was made by Trustee Carrigan, seconded by Trustee Huff, to approve the Resignations, Leaves, Transfers and Changes in Assignment, Promotions, Special Reappointment, Salary Changes, and Appointments. Unanimously carried.

A. - PERSONNEL CHANGES, continued

April 21, 1972

## Promotions

Academic Promotions

The following promotions are recommended to be effective July 1, 1972:

TO PROFESSORAgriculture and Natural Resources

William G. Bickert	Agricultural Engineering
Richard G. Pfister	Agricultural Engineering
Robert G. White	Agricultural Engineering
Allan J. Morris	Biochemistry
Paul E. Rieke	Crop and Soil Sciences
John L. Gill	Dairy Science
Donald Hillman	Dairy Science
Clarence D. McNabb	Fisheries and Wildlife
August A. DeHertogh	Horticulture
Frank G. Dennis	Horticulture
James E. Moulton	Horticulture

Arts and Letters

Robert S. Alexander	Art
Clifton M. McChesney	Art
E. Fred Carlisle	English
James H. Pickering	English
John S. Richardson	Music
Robert F. Unkefer	Music
Craig A. Staudenbaur	Philosophy
Herbert Josephs	Romance Languages
Frank C. Rutledge	Theatre

Business

George C. Mead	Accounting and Financial Administration
Carl E. Liedholm	Economics
+James B. Ramsey	Economics

Communication Arts

John Murray	Journalism
Thomas F. Baldwin	Television and Radio Communication
Robert W. Schlater	Television and Radio

Education

John H. Suehr	Administration and Higher Education
Shirley A. Brehm	Elementary and Special Education
Charles E. Henley	Elementary and Special Education
Charles R. Schmitter	Administration and Higher Education
Raymond A. Garner	Health, Physical Education and Recreation
Ronald G. Rex	Secondary Education and Curriculum Teacher Education

Engineering

Gerald L. Park	Electrical Engineering and Systems Science
James R. Burnett	Engineering Research
David H. Y. Yen	Engineering Instructional Service Computer Science Metallurgy, Mechanics, and Materials Science Mathematics

Human Ecology

Vera Borosage	Family and Child Sciences
Donald Melcer	Family Ecology
Portia M. Morris	Family and Child Sciences
Joanne B. Eicher	Food Science and Human Nutrition
Bernetta Kahabka	Human Environment and Design Human Environment and Design

Human Medicine

Arthur L. Foley II	Anatomy
Arthur S. Elstein	Medical Education Research and Development Psychiatry
Ann G. Olmsted	Medical Education Research and Development Secondary Education and Curriculum

## A. PERSONNEL CHANGES, continued

April 21, 1972

Academic Promotions, continued

Promotions

TO PROFESSOR, continuedJustin Morrill College

Harold S. Johnson  
Milton B. Powell

Natural Science

+Ashraf El-Bayoumi  
Christie G. Enke  
Donald G. Farnum  
George E. Leroi  
Roger A. Hoopingarner  
Kenneth W. Cummins

Donald J. Hall

M. Isobel Blyth  
+Indranand Sinha  
Pui K. Wong  
Edward H. Carlson  
Bryan H. Wildenthal  
+Vidyadhar Mandrekar  
+Habib Salehi

William E. Cooper  
Ralph A. Pax  
Evelyn M. Rivera

Biophysics  
Chemistry  
Chemistry  
Chemistry  
Entomology  
Kellogg Biological Station  
Entomology  
Fisheries and Wildlife  
Kellogg Biological Station  
Zoology  
Mathematics  
Mathematics  
Mathematics  
Physics  
Physics  
Statistics and Probability  
Statistics and Probability  
Mathematics  
Zoology  
Zoology  
Zoology

Social Science

John H. McNamara  
Michael E. Borus  
John H. Wakeley  
Ethelbert Thomas Jr.

Criminal Justice  
Labor and Industrial Relations  
Psychology  
Social Work

University College

Marilyn M. Culpepper  
John H. Ferres  
Nelson Edmondson  
Edgar E. Knoebel  
Alfred Wolf  
Charles S. St. Clair  
John D. Molloy

American Thought and Language  
American Thought and Language  
Humanities  
Humanities  
Humanities  
Natural Science  
Social Science

Veterinary Medicine

Jerry B. Scott

Physiology

Miscellaneous

James E. Carnahan  
Robert C. Anderson  
Ralph E. Kron  
Samuel A. Plyler

Highway Traffic Safety Center  
Institute for Community Development  
Counseling Center  
Counseling Center  
Counseling, Personnel Services, and  
Educational Psychology

TO ASSOCIATE PROFESSORAgriculture and Natural Resources

\*\*David L. Cole  
\*Stephen B. Harsh  
Marvin L. Hayenga  
\*George E. Rossmiller  
\*Werner G. Bergen  
\*Taylor J. Johnston  
\*Harold H. Prince  
R. Keith Hudson  
\*Larry R. Baker

Agricultural Economics  
Agricultural Economics  
Agricultural Economics  
Agricultural Economics  
Animal Husbandry  
Crop and Soil Sciences  
Fisheries and Wildlife  
Forestry  
Horticulture

## A. PERSONNEL CHANGES, continued

April 21, 1972

Promotions

Academic Promotions, continuedTO ASSOCIATE PROFESSOR, continuedArts and Letters

*Randal F. Robinson	English
*Robert W. Uphaus	English
*Frank L. Ingram	German and Russian
*Denis Mickiewicz	German and Russian
*Walter E. Gourlay	History
+*Alexander Murray	Music
A. David Renner	Music
Wendell Westcott	Music
*Lucia Fox	Romance Languages
*Farley P. Richmond	Theatre

Business

*Alvin A. Arens	Accounting and Financial Administration
-----------------	---

Communication Arts

*Vishwa M. Mishra	Journalism
-------------------	------------

Education

*William H. Schmidt	Counseling, Personnel Services, and Educational Psychology
*Edwin S. Andrews	Elementary and Special Education
*Raymond L. Boozer	Elementary and Special Education
	Administration and Higher Education
*Roy L. Wesselman	Elementary and Special Education
*John F. Bobbitt	Secondary Education and Curriculum
*Samuel S. Corl III	Secondary Education and Curriculum
*Ralph Arden Moon	Teacher Education
John M. Phillips	Teacher Education

Engineering

Bernhard Weinberg	Computer Science
-------------------	------------------

Human Ecology

*Ella J. Oyer	Family and Child Sciences
*Norma S. Bobbitt	Family Ecology
	Secondary Education and Curriculum
+*Modesto G. Yang	Food Science and Human Nutrition

Human Medicine

*Robert Echt	Anatomy
*Thomas A. Helmrath	Human Development
*David H. Bing	Microbiology and Public Health
	Human Development
*Arnold Werner	Psychiatry
	Health Center
*Ronald W. Richards	Medical Education Research and Development

Natural Science

Stephen N. Stephenson	Botany and Plant Pathology
*Stanley R. Crouch	Chemistry
Thomas J. Pinnavaia	Chemistry
*Richard J. Sauer	Entomology
*Stephen Dragosh	Mathematics
+*Wei-Eihn Kuan	Mathematics
J. Cleo Kurtz	Mathematics
*Roy V. Erickson	Statistics and Probability
+*Hira Koul	Statistics and Probability

Osteopathic Medicine

*James M. Schwingamer	Physiology
-----------------------	------------

## A. PERSONNEL CHANGES, continued

April 21, 1972

Academic Promotions, continued

Promotions

TO ASSOCIATE PROFESSOR, continuedSocial Science

\*Lawrence H. Robbins

\*Charles Keith Groty

\*Paul H. Conn

\*Ada Finifter

\*Lester M. Hyman

Ellen A. Strommen

\*Ruth S. Hamilton

\*Kevin D. Kelly

\*Tom W. Carroll

Anthropology

African Studies Center

Labor and Industrial Relations

Political Science

Political Science

Computer Institute for Social Science Research

Psychology

Psychology

Sociology

African Studies Center

Center for Urban Affairs

Sociology

Computer Institute for Social Science Research

Computer Laboratory

Agricultural Economics

University College

\*Gladys M. Beckwith

Kathryn N. Burns

\*Macel D. Ezell

\*Hugh Fox

\*Courtney Johnson

Floyd D. Barrows

Conrad L. Donakowski

\*Charles A. Gliozzo

Walter R. Martin

Franklin D. Platt

\*William J. Schoenl

\*Alwynelle S. Ahl

\*George E. Drum

\*Michael A. Kamrin

Robert A. McDaniel

Charles Scarborough

\*Donald J. Weinshank

\*Cyrus S. Stewart

American Thought and Language

American Thought and Language

Dean's Office

American Thought and Language

American Thought and Language

American Thought and Language

Humanities

Humanities

Humanities

Humanities

Humanities

Natural Science

Natural Science

Natural Science

Natural Science

Natural Science

Natural Science

Social Science

Veterinary Medicine

\*Joseph D. Manges

\*James E. Gibson

James B. Dalley

Anatomy

Pharmacology

Small Animal Surgery and Medicine

Miscellaneous

Clayton H. Wells

\*Thomas M. Freeman

\*Kent L. Gustafson

\*Lawrence W. Lezotte

\*Barbara S. Jennings

University Conferences and Institutes

Office of Institutional Research

Instructional Media Center

Secondary Education and Curriculum

Center for Urban Affairs

Counseling, Personnel Services, and

Educational Psychology

Counseling Center

TO ASSISTANT PROFESSORJustin Morrill College

Betty P. Dickinson

John Schroeder

Natural Science

Patricia A. Rockwell

Nursing

Osteopathic Medicine

Sheldon Stolman

Pharmacology

A. PERSONNEL CHANGES, continued

April 21, 1972

Promotions

Academic Promotions, continuedTO ASSISTANT PROFESSOR, continuedVeterinary Medicine

+Frank Welsch	Pharmacology
Delbert J. Krahwinkel	Small Animal Surgery and Medicine
	Surgery
Arnold J. Pals	Center for Laboratory Animal Resources

\*Acquires tenure

\*\*Acquires tenure 9-1-72

+Non-citizen

On motion by Trustee Huff, seconded by Trustee Martin, it was unanimously voted to approve the Academic Promotions.

Recommendations  
from Director  
of Personnel

Recommendations from the Director of Personnel

1. Reclassify a Senior Horticulture Technician IX to a Herbicide Physiology Laboratory Supervisor AP-II position for the Department of Horticulture.
2. Reclassify a Clerk-Stenographer III to a Departmental Secretary V position for the Department of Art.
3. Reclassify a Principal Clerk VI to a Senior Departmental Secretary VII position for the Department of Economics.
4. For the College of Education:
  - a. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position
  - b. Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position
5. For the Dean's Office, College of Human Medicine:
  - a. Reclassify an Office Assistant XI to an Administrative Assistant AP-I position
  - b. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position.
6. Reclassify a Microbiologist VIII to a Senior Microbiologist IX position for the Department of Microbiology and Public Health.
7. Establish an Assistant Cyclotron Engineer AP-III position for Physics-Cyclotron.
8. For the Dean's Office, College of Osteopathic Medicine:
  - a. Establish 2 Home Care Technician VIII positions
  - b. Establish a Medical Records Technician VIII position
  - c. Establish a Senior Departmental Secretary VII position
  - d. Establish a Senior Clerk-Stenographer V position
  - e. Establish 2 Senior Clerk IV positions
  - f. Establish a Community Health Worker IV position.
9. Transfer a Senior Secretary from Level J - Hourly Payroll to a Senior Departmental Secretary VII position for the Department of Psychology.
10. For University College:
  - a. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position for Student Affairs
  - b. Reclassify 2 Senior Departmental Secretary VII to Executive Secretary VIII positions for Residence Halls.
11. Establish a Supervisor of Surgical Laboratories AP-I position for Small Animal Surgery and Medicine.
12. Establish an Administrative Secretary AP-I position for the Vice President for University Development.
13. For the Honors College:
  - a. Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position.
  - b. Reclassify a Departmental Secretary V to a Principal Clerk VI position.
14. Establish a Budget Office Assistant AP-III position for the Office of the Provost.
15. Reclassify a Director of Staff Benefits from an AP-VI to an AP-VIII position for the Comptroller's Office.
16. Reclassify a Clerk-Typist II to a Senior Clerk IV position for Stores, University Services Materials Management Division.
17. Reclassify a Superintendent - Utilities Services AP-VIII to an Associate Director, Physical Plant, AP-IX position for the Physical Plant Division.
18. For the Division of Financial Aids:
  - a. Reclassify a Director from an AP-VIII to an AP-IX position
  - b. Reclassify an Associate Director of Financial Aids and Withdrawals from an AP-VI to an AP-VII position
  - c. Reclassify an Associate Director from an AP-VI to an AP-VII position
  - d. Reclassify an Assistant Director from an AP-IV to an AP-V position
  - e. Reclassify an Assistant Director from an AP-III to an AP-V position
  - f. Reclassify an Assistant Director from an AP-II to an AP-V position
  - g. Reclassify a Senior Departmental Secretary VII to an Office Assistant VIII position
  - h. Reclassify a Principal Clerk VI to a Senior Departmental Secretary VII position
  - i. Reclassify a Senior Clerk IV to a Principal Clerk VI position
  - j. Reclassify a Senior Clerk IV to a Departmental Clerk V position
  - k. Reclassify a Clerk-Stenographer III to a Senior Clerk-Stenographer V position
  - l. Reclassify a Clerk-Typist II to a Clerk Stenographer III position.

Motion was made by Trustee Merriman, seconded by Trustee Stevens, to approve the Recommendations from the Director of Personnel. Unanimously carried.

## A. PERSONNEL CHANGES, continued

April 21, 1972

Retirements

1. One-year consultantship with agreed-upon duties and responsibilities for Lucille K. Barber, Professor, School of Social Work, from July 1, 1972 to June 30, 1973, and retirement as Professor Emeritus effective July 1, 1973. The basic retirement salary will be \$1,240 a year. Professor Barber was born March 5, 1907 and has been a member of the faculty since September 1, 1953. Lucille K. Barber
2. One-year consultantship with agreed-upon duties and responsibilities for Jean Brierley, Professor, Department of Natural Science, from July 1, 1972 to June 30, 1973, and retirement as Professor Emeritus effective July 1, 1973. The basic retirement salary will be \$2,452 a year. Professor Brierley was born March 17, 1908 and has been a member of the faculty since January 1, 1945. Jean Brierley
3. Retirement of William O. Carver, Draftsman, Department of Agricultural Engineering, effective July 1, 1972 at a basic retirement salary of \$3,300 a year. Mr. Carver was born October 17, 1906 and has been employed by the University since April 1, 1946. William O. Carver
4. Retirement of Russell J. Davis, Head of Inventory Department, effective August 1, 1972 at a basic retirement salary of \$3,300 a year. Mr. Davis was born December 9, 1904 and has been employed by the University since September 1, 1928. Russell J. Davis
5. Retirement under TIAA-CREF only of Roy L. Donahue, as Professor Emeritus, Department of Crop and Soil Sciences, effective October 1, 1972. Professor Donahue was born November 3, 1908 and has been employed by the University since August 1, 1966. Roy L. Donahue
6. Retirement of Elizabeth Gilbert, Food Service Helper, Yakeley Hall, effective July 1, 1972 at a basic retirement salary of \$1,417 a year. Miss Gilbert was born September 2, 1907 and has been employed by the University since August 6, 1956. Elizabeth Gilbert
7. Retirement of Hans H. Haugard, Extension Resource Development Agent, Cooperative Extension Service, effective July 1, 1972 at a basic retirement salary of \$3,300 a year. Mr. Haugard was born January 3, 1907 and has been employed by the University since December 21, 1953. Hans H. Haugard
8. Retirement of Russell Higbie, Gardener, Horticulture Department, effective June 1, 1972 at a basic retirement salary of \$1,730 a year. Mr. Higbie was born February 14, 1909 and has been employed by the University since May 13, 1957. Russell Higbie
9. Retirement under TIAA-CREF only of Harry C. Lund, County Extension Director, Cooperative Extension Service, effective July 1, 1972. Mr. Lund was born December 14, 1914 and has been employed by the University since July 12, 1954. Harry C. Lund
10. Retirement of Donald C. Ridenour, Custodian Head, Physical Plant, effective May 1, 1972 at a basic retirement salary of \$3,129 a year. Mr. Ridenour was born September 2, 1908 and has been employed by the University since February 12, 1952. Donald C. Ridenour
11. Retirement of Vernon V. Severance, Manager, General Stores Department, effective July 1, 1972 at a basic retirement salary of \$3,300 a year. Mr. Severance was born December 8, 1905 and has been employed by the University since December 27, 1927. Vernon V. Severance
12. Disability retirement for Robert W. Starring, as Professor Emeritus, American Thought and Language Department, effective July 1, 1972 at a basic retirement salary of \$2,890 a year. Professor Starring was born December 2, 1908 and has been employed by the University since September 1, 1944. Robert W. Starring
13. Retirement of Louie E. Webb, County Extension Director, Cooperative Extension Service, effective July 1, 1972 at a basic retirement salary of \$2,147 a year. Mr. Webb was born May 31, 1914 and has been employed by the University since November 1, 1941. Louie E. Webb
14. Retirement of Harry S. Wilt, County Extension Director, Cooperative Extension Service, effective July 1, 1972 at a basic retirement salary of \$3,300 a year. Mr. Wilt was born June 7, 1910 and has been employed by the University since June 1, 1939. Harry S. Wilt

Deaths

1. Report of the death of Dorothea Carlson, Food Service Handler, MSU Health Center, on March 4, 1972. Mrs. Carlson was born April 12, 1913 and had been employed by the University since September 8, 1970. Deaths  
Dorothy Carlson
2. Report of the death of Esther Loughin, Librarian, Libraries, on March 31, 1972. Mrs. Loughin was born January 8, 1905 and had been employed by the University since July 1, 1965. Esther Loughin  
It was recommended that Mrs. Loughin's salary be continued for eight months beyond the date of her death, or until November 30, 1972.
3. Report of the death of Wilma Walterhouse, Maid, Mason-Abbot Halls, on April 5, 1972. Mrs. Walterhouse was born April 7, 1919 and had been employed by the University since February 10, 1965. Wilma Walterhouse

## A. PERSONNEL CHANGES, continued

April 21, 1972

## Deaths

## Deaths, continued

Roger Wheaton

4. Report of the death of Roger Wheaton, Graphics Illustrator, Department of Chemistry, on April 11, 1972. Mr. Wheaton was born November 18, 1918 and had been employed by the University since October 5, 1953.

It was recommended that Mr. Wheaton's salary be continued for one year beyond the date of his death, or until April 11, 1973.

Motion was made by Trustee Merriman, seconded by Trustee Stevens, to approve the retirements and the recommendations in items 2 and 4 above. Unanimously carried.

## Gifts and Grants

## B. GIFTS AND GRANTS

1. Gift of a film, MORE FROM LESS, A Progress Report on No Tillage, valued at \$100 from the Allis-Chalmers Mfg. Co., Franklin, Indiana, to be used under the direction of J. S. Bolen in Agricultural Engineering.
2. Gift of 12 refrigerator thermometers, miscellaneous hand tools, and wire with a total value of \$1,697.85 from the Office of Water Resources Research, U. S. Department of the Interior, to be used under the direction of Donald P. White in the Department of Forestry.
3. Gift of 8 electron tubes valued at \$160 from the National Science Foundation to be used under the direction of Clarence H. Suelter in the Department of Biochemistry.
4. Gift of 30 plastic 3/4 in. Elbow Tubes valued at \$7.20 from the National Science Foundation to be used under the direction of Charles C. Sweeley in the Department of Biochemistry.
5. Gift of a Model A-1 Podbielniak 316 SS valued at \$9,000 from Baker Perkins, Inc., Saginaw, to be used under the direction of M. H. Chetrick for instruction in the Department of Chemical Engineering.
6. Gift of miscellaneous equipment including 3 surgical cabinets, print washer, preamplifier, amplifier, audio meter level, etc., with a total value of \$1,961.82 from the National Science Foundation to be used under the direction of Edward M. Eisenstein in the Department of Biophysics.
7. Gift of miscellaneous equipment including a typewriter, 2 desks, photo-copy fixer, developer, and 5 chairs with a total value of \$1,159.36 from the Office of Naval Research, ONR Resident Representative, Ann Arbor, to be used under the direction of Barnett Rosenberg in the Department of Biophysics.
8. Gift of a centrifuge valued at \$2,245 from the National Science Foundation to be used under the direction of Albert E. Ellingboe in the Department of Botany and Plant Pathology.
9. Gift of a centrifuge valued at \$475 and 159 cylinders valued at \$437.25 from the National Science Foundation to be used under the direction of Robert Scheffer for research in the Department of Botany and Plant Pathology.
10. Gift of 1 Editor, 16 mm movie valued at \$97.65 from the National Science Foundation to be used under the direction of H. W. Scott in the Department of Geology.
11. Gift of miscellaneous sizes of collets with a total value of \$1,320 from the National Science Foundation to be used under the direction of H. G. Blosser in the Cyclotron Laboratory.
12. Gift of a hydraulic pump and a V.T.V.M. Ballantine with a total value of \$365 from the National Science Foundation to be used under the direction of Carl L. Foiles in the Department of Physics.
13. Gift of 14 Hydra Servocylinders valued at \$59,098 from the Office of Naval Research, ONR Resident Representative, Ann Arbor, to be used under the direction of Aaron Galonsky in the Department of Physics.
14. Gift of 327 Luew Syringes and 9 Silver Brazing Alloy with a total value of \$173.22 from the Atomic Energy Commission, Chicago Operation Office, to be used under the direction of Anton Lang in the MSU/AEC Plant Research Laboratory.
15. Gift of library books valued at \$314 from R. Frederick Becker, Pontiac, to be used under the direction of Dean M. S. Magen in the College of Osteopathic Medicine.
16. Gift of an examination table and a manipulation treatment table with a total value of \$175 from William T. Raue, Potterville, to be used under the direction of N. J. Fiel in the Department of Family Medicine.
17. Gift of 500 cartons of petri dishes valued at \$4,475 from U. S. Army Medical Research & Development Command, Washington, D.C., to be used under the direction of Donald W. Twohy in the Department of Microbiology and Public Health.
18. Gift of electrical wire and miscellaneous medical supplies with a total value of \$4,149.23 from the National Science Foundation to be used under the direction of Gail D. Riegle in the Department of Physiology.
19. Gift of 3 Radiac sets and 2 tapes with a total value of \$1,183.24 from the National Science Foundation to be used under the direction of Hiram Kitchen in the Center for Laboratory Animal Resources.
20. Gift of a Burroughs posting machine valued at \$500 from Ingham Medical Hospital, Lansing, to be used in the business office of the MSU Health Center.

## B. GIFTS AND GRANTS, continued

April 21, 1972 Gifts and Grants

21. Grants to be used for scholarship purposes, as follows:
  - a. \$1,491.31 from the Livestock Improvement Association of Michigan, Alma, for Animal Husbandry students
  - b. \$165 from various donors for the Forestry Faculty Scholarship Award
  - c. \$275 from the William Randolph Hearst Foundation, New York, for students in the School of Journalism
  - d. \$2,250 from the Alcoa Foundation, Pittsburgh, for students in the College of Engineering
  - e. \$4,117.87 from the Ellen B. Fox Trust Fund, Chicago, for the W. R. Brown Engineering Scholarship Fund
  - f. \$600 from Mr. and Mrs. Daniel S. Scott, Okemos, to establish a program for students in the College of Human Medicine to be awarded in the name of Bert Van Ark, M.D.
  - g. \$2,400 from the Kidney Foundation of Michigan, Ann Arbor, for a student in James Madison College for field experience placement with the Kidney Foundation of Michigan.
  - h. \$500 from The American Hotel Foundation, Inc., New York, for students in Hotel, Restaurant and Institutional Management
  - i. \$750 from Johnson, Johnson and Roy, Inc., Ann Arbor, for minority race undergraduate majors in landscape architecture in the School of Urban Planning and Landscape Architecture
  - j. For the Latin American Research Fund:
    - \$10 from John H. Hill, Lansing
    - \$40 from Jose' Luis Mesa, East Lansing
    - \$10 from Robert N. Thomas, East Lansing
  - k. \$30 from Walter Adams, East Lansing, for the Martin Luther King Scholarship Fund
  - l. For the North American Indian Scholarship Fund-MSU:
    - \$514.80 from Episcopal Churchwomen of Eastern Michigan, Battle Creek
    - \$1,000 from Episcopal Churchwomen of St. Michaels Church, Detroit
  - m. \$2,668 from the State News for the State News Scholarship Fund
22. Grants as follows to the MSU Development Fund:
  - a. For the MSU Development Fund Unrestricted Account #31-3593:
    - \$1,000 from Thomas W. Kimen, Bartlett, Illinois
    - \$1,000 from Sheldon Moyer, Birmingham
  - b. \$100 from Dr. J. Q. Lynd, Stillwater, Oklahoma, for the Lloyd Turk Memorial Fund Account #31-2331
  - c. \$375 from various donors for the Accounting and Financial Administration Account #31-1170 in memory of George H. Bailey
  - d. \$55.52 from Mrs. Philip W. Humer, Pittsburgh, for the J. Murray Barbour Memorial Fund Account #31-1142
  - e. For the Julie Klemkosky Memorial Award:
    - \$5 from Mrs. William Handorf, Lansing
    - \$75 from various donors
  - f. \$700 from the Southern Michigan Obedience Training Club for the Veterinary Student Award
  - g. \$20 from the Okemos Womans Club for the CCIP Scholarship Fund Account #31-3298
23. Grant of \$7,000 from the County of Berrien, Commissioners, Jackson, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
24. Grant of \$7,000 from the County of Calhoun, Commissioners, Marshall, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
25. Grant of \$4,000 from the County of Cheboygan, Commissioners, Cheboygan, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
26. Grant of \$22,013.13 from the County of Genesee, Commissioners, Flint, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
27. Grant of \$2,333.33 from the County of Gratiot, Commissioners, Ithaca, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
28. Grant of \$7,000 from the County of Ingham, Commissioners, Mason, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
29. Grant of \$3,500 from the County of Kalamazoo, Commissioners, Kalamazoo, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through June 30, 1972.

## B. GIFTS AND GRANTS, continued

April 21, 1972

30. Grant of \$4,000 from the County of Kent, Commissioners, Grand Rapids, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through June 30, 1972.
31. Grant of \$6,000 from the County of Livingston, Commissioners, Howell, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
32. Grant of \$16,000 from the County of Macomb, Commissioners, Mount Clemens, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
33. Grant of \$2,500 from the County of Mecosta, Commissioners, Big Rapids, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
34. Grant of \$4,000 from the County of Oakland, Commissioners, Pontiac, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through June 30, 1972.
35. Grant of \$6,416.74 from the County of St. Clair, Commissioners, Port Huron, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
36. Grant of \$7,350 from the County of Washtenaw, Commissioners, Ann Arbor, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through June 30, 1972.
37. Grant of \$7,000 from the County of Washtenaw, Commissioners, Ann Arbor, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional Extension Agent for the period January 1, 1972 through December 31, 1972.
38. Grant of \$1,550 from the County of Oakland, Commissioners, Pontiac, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, in support of clerical services.
39. Grant of \$2,333.33 from the County of Shiawassee, Commissioners, Corunna, Michigan, to be used under the direction of G. S. McIntyre, Cooperative Extension Service, to cover part of the salary of an additional 4-H Youth Agent for the period January 1, 1972 through December 31, 1972.
40. Grant of \$1,000 from C. J. Mackson, East Lansing, Michigan, to be used under the direction of C. J. Mackson, Agricultural Engineering, for research supplies, equipment, and travel.
41. Grant of \$118.52 from USS Agri-Chemicals, Atlanta, Georgia, to be used under the direction of C. M. Hansen, Agricultural Engineering, for field research on the application of  $\text{NH}_3$ ; to consult with manufacturers on the development of devices which were products of previous research grants from U. S. Steel.
42. Grant of \$168.35 from Victorias Milling Co., Nigros Occidental, Philippines, to be used under the direction of J. B. Holtman, Agricultural Engineering, to develop a model which can be used for forecasting the yield and juice quality of sugar cane as a function of weather variables and other influences.
43. Grant of \$500 from Mead Johnson Research Center, Evansville, Indiana, to be used under the direction of W. R. Dukelow, Animal Husbandry, for emergency expenses associated with ovulation induction studies with megestrol acetate.
44. Grant of \$4,000 from Michigan Animal Breeders Cooperative, East Lansing, Michigan, to be used under the direction of T. R. Greathouse, Animal Husbandry, to improve conception rate in artificial insemination of beef cattle.
45. Grant of \$35,512 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. C. Deal, Jr., Biochemistry, for research in liver fatty acid synthetase and acetyl CoA carboxylase.
46. Grant of \$3,200 from the American Oil Company, Research and Development Department, Whiting, Indiana, to be used under the direction of B. D. Knezek, Crop and Soil Sciences, to determine the relative effectiveness of new manganese material as a source of manganese for plants in a soil.
47. Grant of \$510 from the American Smelting & Refining Company, South Plainfield, New Jersey, to be used under the direction of B. D. Knezek, Crop and Soil Sciences, for land rental for 3 locations - residual studies.

## B. GIFTS AND GRANTS, continued

April 21, 1972

Gifts and  
Grants

48. Grant of \$5,000 from Michigan Foundation Seed Growers, East Lansing, Michigan, to be used under the direction of E. H. Everson, Crop and Soil Sciences, for the development of new varieties which carry quality factors and the resistance to disease, insects, and winter killing where it is possible and feasible to incorporate such resistance.
49. Grant of \$5,300 from Michigan Turfgrass Foundation, Detroit, Michigan, to be used under the direction of J. B. Beard, Crop and Soil Sciences, for research studies with turfgrass.
50. Grant of \$2,000 from Michigan Turfgrass Foundation, Detroit, Michigan, to be used under the direction of P. E. Rieke, Crop and Soil Sciences, to continue studies of problems in soil management as they pertain to turf.
51. Grant of \$50 from Rain-Aid, Division of Century Supply Corp., Southfield, Michigan, to be used under the direction of M. L. Vitosh, Crop and Soil Sciences, for irrigation studies.
52. Grant of \$90,000 from the U. S. Department of Agriculture, Washington, D.C., to be used under the direction of E. C. Rossman, Crop and Soil Sciences, and A. M. Ellingboe Botany and Plant Pathology, to make a genetic analysis of infection of corn by blight fungi.
53. Grant of \$6,211.56 from Washtenaw County, Ann Arbor, Michigan, to be used under the direction of E. P. Whiteside, Crop and Soil Sciences, to characterize, classify, map and interpret the soils of Washtenaw County for various rural, suburban and urban purposes.
54. Grant of \$2,500 from the National Association of Animal Breeders, Columbia, Missouri, to be used under the direction of E. M. Convey, Dairy Science, to determine hormone changes in bulls at the time of ejaculation and with frequent ejaculation over a long period of time.
55. Grant of \$1,051 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. D. Hafs, Dairy Science, as a continuation of a NIH predoctoral fellowship.
56. Grant of \$29,164 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. A. Tucker, Dairy Science, to characterize further the mechanism(s) whereby bovine mammary cells cultured in vitro bind the hormone, cortisol.
57. Grant of \$2,000 from Novo Enzyme Corporation, Mamroneck, New York, to be used under the direction of J. T. Huber, Dairy Science, to determine whether the addition of a cellulase-active material to silage at ensiling time will increase plant cellulose breakdown during fermentation and subsequent nutrient utilization of the silage.
58. Grant of \$1,000 from The Brechteen Co., Mount Clemens, Michigan, to be used under the direction of J. F. Price, Food Science and Human Nutrition, to study parameters affecting quality and stuffing characteristics of fresh pork sausage and reconstituted collagen casings.
59. Grant of \$42,060 from Dairy Research Incorporated, Arlington Heights, Illinois, to be used under the direction of C. M. Stine, and T. I. Hedrick, Food Science and Human Nutrition, for the improvement of functional and nutritional qualities of dairy products.
60. Grant of \$1,000 from Cities Service Foundation, New York, New York, to be used under the direction of J. Carew, Horticulture, to support fertilizer research programs now in progress.
61. Grant of \$500 from The Dow Chemical Company, Midland, Michigan, to be used under the direction of R. A. Mecklenburg, Horticulture, to support research on marketing and handling of live plant material.
62. Grant of \$1,292.55 from Paul Ecke, Inc., Encinitas, California, to be used under the direction of K. C. Sink, Horticulture, to support on-going research on direct rooting - propagation of poinsettia.
63. Grant of \$7,500 from General Electric Foundation, Bridgeport, Connecticut, to be used under the direction of W. J. Carpenter, Horticulture, to support on-going graduate study and research in plant growth under controlled light and nutrient conditions.
64. Grant of \$4,800 from Gerber Baby Foods Fund, Fremont, Michigan, to be used under the direction of J. Carew, Horticulture, to support graduate training programs in horticulture for students from Latin America.
65. Grant of \$400 from Eli Lilly and Company, Indianapolis, Indiana, to be used under the direction of K. C. Sink, Horticulture, to support on-going research on direct rooting - propagation of poinsettia.

## B. GIFTS AND GRANTS, continued

April 21, 1972

66. Grant of \$1,000 from the Michigan Apple Committee, Lansing, Michigan, to be used under the direction of D. H. Dewey, Horticulture, to support program in progress to improve internal quality of apples for fresh market and processing.
67. Grant of \$3,000 from the Michigan Association of Cherry Producers, East Lansing, Michigan, to be used under the direction of M. J. Bukovac, Horticulture, to support on-going field research on the use of Ethrel for controlled abscission of sweet cherries.
68. Grant of \$300 from Mikkelsens, Inc., Ashtabula, Ohio, to be used under the direction of K. C. Sink, Horticulture, to support on-going research on direct rooting - propagation of poinsettia.
69. Grant of \$200 from the National Pickle Growers Association, Inc., St. Charles, Illinois, to be used under the direction of L. R. Baker, Horticulture, to support on-going research on cucumber breeding.
70. Grant of \$180 from H. B. Tukey Memorial Fund, East Lansing, Michigan, to be used under the direction of J. Carew, Horticulture, to provide awards to students in memory of Dr. H. B. Tukey.
71. Grant of \$19,000 from Waterways Division, Michigan Department of Natural Resources, Lansing, Michigan, to be used under the direction of R. W. Hodgson, Park and Recreation Resources, to analyze data gathered under terms of an earlier contract to measure recreational carrying capacity for boating on Michigan inland lakes.
72. Grant of \$4,911 from the Upper Great Lakes Commission, Madison, Wisconsin, to be used under the direction of L. L. Leighty, Resource Development, to determine range and types of land use controls which can be legally applied in local government areas in each of three states, and to analyze the need for applying land use controls in areas adjacent to a sample of federal project areas and recommend the appropriate controls which should be used.
73. Grant of \$100 from Farm Bureau, Lansing, Michigan, to be used under the direction of J. L. Gibson, Agricultural Technology, for travel by the judging team.
74. Grant of \$200 from Michigan Milk Producers Association, Detroit, Michigan, to be used under the direction of J. L. Gibson, Agricultural Technology, for travel by the judging team.
75. Grant of \$6,249 from Michigan Council for the Arts, Detroit, Michigan, to be used under the direction of K. C. Beachler, Lecture-Concert Series, to cooperate with the Greater Lansing Area Dance Council and other local organizations in expanding the limits of professional tutelage in the field of dance, by sponsoring the Alvin Ailey American Dance Theatre residency.
76. Grant of \$1,000 from Lybrand Foundation, New York, New York, to be used under the direction of G. M. Jones, Accounting and Financial Administration, to provide dissertation fellowships.
77. Grant of \$30 from Walter Adams, Lansing, Michigan, to be used under the direction of W. Adams, Economics, for ISAC research program.
78. Grant of \$944.91 from Masco Corporation, Taylor, Michigan, to be used under the direction of D. A. Taylor, Marketing and Transportation Administration, to support the development of the marketing program and faculty at Michigan State University.
79. Grant of \$2,500 from Cleveland Electric Illuminating Company, Cleveland, Ohio, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support activities of the Institute.
80. Grant of \$3,500 from General Telephone & Electronics Foundation, New York, New York, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support activities of the Institute.
81. Grant of \$50 from Continental Coffee Company, Chicago, Illinois, to be used under the direction of R. L. Blomstrom, School of Hotel, Restaurant, and Institutional Management, to support activities of the School.
82. Grant of \$100 from Economics Laboratory, Inc., Indianapolis, Indiana, to be used under the direction of R. L. Blomstrom, School of Hotel, Restaurant, and Institutional Management, to support activities of the School.
83. Grant of \$22,164 from Rehabilitation Services Administration, Washington, D.C., to be used under the direction of L. V. Deal, Audiology and Speech Sciences, for traineeships in audiology and speech sciences.
84. Grant of \$4,375 from Midwest Universities Consortium for International Activities, Inc., East Lansing, Michigan, to be used under the direction of W. Herzog, Communication, for analysis of data on literacy and communication, collected with Cruzada ABC, Recife, Brazil, 1969-70.

## B. GIFTS AND GRANTS, continued

April 21, 1972

Gifts and  
Grants

85. Grant of \$60 from Catholic Social Services, Inc. of Lansing, Lansing, Michigan, to be used under the direction of R. Schlater, Television-Radio, to cover the cost of equipment and supplies to produce public services for Catholic Social Services of Lansing.
86. Grant of \$349,997 from the U. S. Office of Education, Washington, D.C., to be used under the direction of W. B. Hawley, College of Education, for a cooperative School-University clinically oriented program for training "TTT."
87. Grant of \$4,500 from the American Association for Health, Physical Education and Recreation, Washington, D.C., to be used under the direction of V. C. Johnson, Administration and Higher Education, as partial salary for Julian W. Smith.
88. Grant of \$9,284 from the Department of Health, Education and Welfare, Region V, Chicago, Illinois, to be used under the direction of P. A. Cusick, Administration and Higher Education, to describe and explain the social interactions between black and white students in a large, urban high school.
89. Grant of \$37.50 from various donors to be used under the direction of N. Kagan, Counseling, Personnel Services, and Educational Psychology, for interpersonal process recall research.
90. Grant of \$18,196 from Rehabilitation Services Administration, Department of Health, Education and Welfare (Region V), Chicago, Illinois, to be used under the direction of G. A. Miller, Counseling, Personnel Services and Educational Psychology, as a supplement to a training grant to enable the project to support more students in the rehabilitation counselor training program for the mentally retarded, and to supplement travel and salary support for teaching personnel.
91. Grant of \$15,405 from Rehabilitation Services Administration, Department of Health, Education and Welfare (Region V), Chicago, Illinois, to be used under the direction of G. A. Miller, Counseling, Personnel Services and Educational Psychology, as a supplement to a training grant to enable the project to support more students in the rehabilitation counselor training program for the mentally retarded, and to supplement travel and salary support for teaching personnel.
92. Grant of \$6,934 from the National Education Association, Washington, D.C., to be used under the direction of C. A. Blackman, Secondary Education and Curriculum, to support a study of "The Future Role of Local Teacher Organization in Professional Development and Instructional Improvement" to be conducted by Wm. Douglas Ward.
93. Grant of \$7,500 from The General Electric Foundation, Ossining, New York, to be used under the direction of H. E. Koenig, Engineering Research, to support graduate study and research in the design and management of environmental systems.
94. Grant of \$7,800 from the Michigan Heart Association, Detroit, Michigan, to be used under the direction of D. K. Anderson, Engineering Research, to conduct studies on the relationship between the various plasma ions and the mechanism for the local regulation of blood flow.
95. Grant of \$12,340.30 from the National Council of the Paper Industry for Air and Stream Improvement, Inc., New York, New York, to be used under the direction of O. B. Andersland, Engineering Research, to assist in construction of the sanitary landfill in conjunction with an EPA grant.
96. Grant of \$16,000 from the National Science Foundation, Washington, D.C., to be used under the direction of F. J. Hatfield, Engineering Research, to develop a traffic assignment algorithm that can accurately simulate the attempts of drivers to select routes that minimize their travel times.
97. Grant of \$500 from The Sampson Corporation, Pittsburgh, Pennsylvania, to be used under the direction of R. W. Little, Engineering Research, to support a graduate student in biomechanics.
98. Grant of \$2,500 from Monsanto Company, St. Louis, Missouri, to be used under the direction of M. H. Chetrick, Chemical Engineering, as an unrestricted grant.
99. Grant of \$47,358 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of F. M. Rottman, Biochemistry, for research in RNA processing in tumor and transformed cells.
100. Grant of \$7,021 from the Michigan Department of Public Health, Lansing, Michigan, to be used under the direction of D. J. Kallen, Human Development, for studies of the families of children with iron deficiency anemia or high blood lead levels.
101. Grant of \$1,101 from Hemophilia of Michigan, Ann Arbor, Michigan, to be used under the direction of G. H. Tishkoff, Medicine, for the study and identification of hemophilia.
102. Grant of \$53,237 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of S. N. Swisher, Medicine, for research in mechanisms of and prevention of blood group isoimmunization in man and animals.

## B. GIFTS AND GRANTS, continued

April 21, 1972

103. Grant of \$1,000 from the Michigan Department of Public Health, Lansing, Michigan, to be used under the direction of J. R. Cipparone and C. H. Sander, Pathology, to support the Placental Tissue Registry for the State of Michigan in cooperation with the Michigan State Medical Society (Committee on Maternal and Perinatal Health).
104. Grant of \$8,000 from the Michigan Heart Association, Southfield, Michigan, to be used under the direction of J. C. Mattson, Pathology, to study (1) the ultrastructure of blood platelets, (2) any morphological alterations which may occur during aggregation mediated by dissimilar substances and (3) the effects of disruption of microfilaments upon platelet shape and aggregability.
105. Grant of \$9,000 from the Michigan Heart Association, Southfield, Michigan, to be used under the direction of T. Akeru, Pharmacology, for research in cardiac function and the  $\text{Na}^+\text{K}^+\text{-ATPase}$ .
106. Grant of \$30,000 from the Office of Naval Research, Arlington, Virginia, to be used under the direction of T. M. Brody, Pharmacology, for research in biochemical aspects of morphine tolerance and physical dependence.
107. Grant of \$10,447 from the Kidney Foundation of Michigan to be used under the direction of Ching-chung Chou, Physiology, for research in the effects of diagnostic and diuretic agents of different osmolarities on renal blood flow and function.
108. Grant of \$9,000 from the Michigan Heart Association to be used under the direction of Ching-chung Chou, Physiology, for research in the mechanism of coronary vasodilation caused by adrenergic stimulation.
109. Grant of \$9,000 from the Michigan Heart Association to be used under the direction of J. M. Dabney, Physiology, for research in coronary resistance, ventricular force and renal resistance as affected by selective stimulation of carotid chemoreceptors.
110. Grant of \$10,000 from the Michigan Heart Association to be used under the direction of R. M. Daugherty, Jr., Physiology, to study the effects of prostaglandins and hemorrhage on segmental vascular resistances and fluid movement in the intestine.
111. Grant of \$10,000 from the Michigan Heart Association to be used under the direction of T. E. Emerson, Physiology, for research in vasoactivity of prostaglandins in shock and ionic disorders.
112. Grant of \$8,000 from the Michigan Heart Association to be used under the direction of R. L. Kline, Physiology, for research in cardiogenic shock.
113. Grant of \$11,969 from the Michigan Heart Association to be used under the direction of H. W. Overbeck, Physiology, for research in hemodynamics and vascular responses in hypertension.
114. Grant of \$8,000 from the Michigan Heart Association to be used under the direction of D. Radawski, Physiology, for research in central and cerebral effects of prostaglandins.
115. Grant of \$4,850 from the National Institute of Mental Health, Rockville, Maryland, to be used under the direction of H. Fabrega, Jr., Psychiatry, to collect information on the behavioral, biologic, and phenomenologic features of illness episodes.
116. Grant of \$12,000 from the Michigan Heart Association, Southfield, Michigan, to be used under the direction of E. D. Coppola, Surgery, for research in using the direct Jerne plaque technique and sheep red blood cells in the humoral antibody response in mice will be investigated by a series of cell transfer experiments.
117. Grant of \$35,000 from Engelhard Industries, Newark, New Jersey, to be used under the direction of B. Rosenberg, Biophysics, for investigation of anti-tumor activity of platinum compounds.
118. Grant of \$6,824 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of E. Kuntz, Biophysics, for research in biochemical changes caused by radiation inactivation.
119. Grant of \$250 from the Michigan Gladiolus Society, Coloma, Michigan, to be used under the direction of H. S. Potter, Botany and Plant Pathology, to conduct research on the control of gladiolus corm rots.
120. Grant of \$2,000 from A. M. Todd Co., Kalamazoo, Michigan, to be used under the direction of M. L. Lacy, Botany and Plant Pathology, for investigations on control of diseases and weeds of mint crops.
121. Grant of \$35,000 from the Atomic Energy Commission, Washington, D.C., to be used under the direction of J. L. Dye, Chemistry, for research in properties of solvated electrons and associated species in metal solutions and kinetics of electron- and proton-transfer reactions.
122. Grant of \$17,500 from the National Science Foundation, Washington, D.C., to be used under the direction of A. Tulinsky, Chemistry, for x-ray structure determination of enzymes and other biological molecules.

## B. GIFTS AND GRANTS, continued

April 21, 1972

Gifts and  
Grants

123. Grant of \$500 from Abbott Laboratories, North Chicago, Illinois, to be used under the direction of G. Guyer, Entomology, for the evaluation of insecticide on vegetable crops.
124. Grant of \$196,215 from Environmental Protection Agency, Washington, D.C., to be used under the direction of G. Guyer, Entomology, for the evaluation of pesticides in our environment.
125. Grant of \$1,000 from the Mobil Chemical Company, Richmond, Virginia, to be used under the direction of R. F. Ruppel and C. W. Laughlin, Entomology, for the evaluation of insecticide.
126. Grant of \$12,440 from the National Science Foundation, Washington, D.C., to be used under the direction of L. G. Woodby, Mathematics, and Science and Mathematics Teaching Center, for three consecutive terms of off-campus course work for 35 in-service teachers in the Grand Rapids area; Continuing Education policies will govern compensation.
127. Grant of \$22,964 from the U. S. Air Force, Arlington, Virginia, to be used under the direction of G. D. Taylor, Mathematics, for approximation theory: rational approximation and rates of approximation.
128. Grant of \$21,900 from the National Science Foundation, Washington, D.C., to be used under the direction of R. N. Costilow, Microbiology and Public Health, for research in the control of sporulation in bacilli pathogenic for insects.
129. Grant of \$90,000 from the National Science Foundation, Washington, D.C., to be used under the direction of F. J. Blatt and P. A. Schroeder, Physics, for research in electronic properties of metals and alloys.
130. Grant of \$31,100 from the National Science Foundation, Washington, D.C., to be used under the direction of M. A. Abolins and K. W. Chen, Physics, for research in inelastic muon scattering and neutron-proton scattering.
131. Grant of \$5,400 from the National Science Foundation, Washington, D.C., to be used under the direction of P. S. Signell, Physics, for research in the nucleon-nucleon interaction.
132. Grant of \$37,165 from the U. S. Atomic Energy Commission, Washington, D.C., to be used under the direction of G. L. Pollack, Physics, to study thermodynamic properties of rare-gas solids and to study the properties of liquid helium.
133. Grant of \$22,362 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of S. K. Aggarwal, Zoology, for research in sarcoma - 180 tumors before and after CIS-Pt II NH32 C12.
134. Grant of \$28,037 from the National Science Foundation, Washington, D.C., to be used under the direction of C. R. Peebles, Science and Mathematics Teaching Center, to provide a special summer program for 50 high-ability high school science students in biology, chemistry, and computer science.
135. Grant of \$12,000 from the Michigan College of Osteopathic Medicine, Pontiac, Michigan, to be used under the direction of M. S. Magen, College of Osteopathic Medicine, as an unrestricted grant.
136. Grant of \$5,000 from the Michigan Osteopathic College Foundation, Detroit, Michigan, to be used under the direction of M. S. Magen, College of Osteopathic Medicine, as an unrestricted grant.
137. Grant of \$8,797 from the Michigan Heart Association, Southfield, Michigan, to be used under the direction of S. Stolman, Pharmacology, for research in the relation of polysomal integrity to cardiac failure.
138. Grant of \$50,975 from the National Institutes of Health to be used under the direction of J. T. Gullahorn, Sociology, and the Computer Institute for Social Science Research, for testing organization theories by computer simulation.
139. Grant of \$28,447 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of J. L. Zacks, Psychology, to train workers whose careers will be in investigating sensory mechanisms.
140. Grant of \$308.50 from Law Enforcement Assistance Administration, Washington, D.C., to be used under the direction of J. A. McNamara, Criminal Justice, for tuition and fees under LEAA Graduate Research Fellowship for Ralph A. Olmis.
141. Grant of \$10,869 from the U. S. Department of Labor, Washington, D.C., to be used under the direction of D. H. Kruger, School of Labor and Industrial Relations, for the training of Mayors' and Governors' Manpower Planning staff.
142. Grant of \$245 from Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, to be used under the direction of W. T. Ross, Asian Studies Center, for a study of political development in Nationalist China during the 1930's.

## B. GIFTS AND GRANTS, continued

April 21, 1972

143. Grant of \$12,105 from the U. S. Office of Education, Washington, D.C., to be used under the direction of W. T. Ross, Asian Studies Center, for research on contemporary Punjabi literature in India by Surjit S. Dulai, Department of Humanities.
144. Grant of \$11,850 from the National Science Foundation, to be used under the direction of D. Meltz, the Computer Institute for Social Science Research, to train talented high school students in modern methods of social science research including computer programming.
145. Grant of \$25 from Caroline Bruce, East Lansing, Michigan, to be used under the direction of F. H. Oberst, Large Animal Surgery and Medicine, for study and research of the equine.
146. Grant of \$1,000 from the U. S. Public Health Service, Bethesda, Maryland, to be used under the direction of L. F. Velicer and P. A. Long, Microbiology and Public Health, for research fellowship supply allowance award.
147. Grant of \$2,000 from the Kidney Foundation of Michigan, Ann Arbor, Michigan, to be used under the direction of J. T. Johnson, Pharmacology, as an unrestricted grant.
148. Grant of \$9,500 from the Michigan Heart Association, Southfield, Michigan, to be used under the direction of T. Tobin, Pharmacology, for research in mercurial diuretics, ethacrynic acid, and the (Na<sup>+</sup>+K<sup>+</sup>) ATPase.
149. Grant of \$1,000 from the U. S. Public Health Service to be used under the direction of J. Meites, Physiology, for research fellowship supply allowance award.
150. Grant of \$100 from Marvin Boutell, Flint, Michigan, to be used under the direction of W. F. Keller, Small Animal Surgery and Medicine, as an unrestricted grant.
151. Grant of \$25 from Lee Copeland, Dearfield, Illinois, to be used under the direction of W. O. Brinker, Small Animal Surgery and Medicine, for orthopedics.
152. Grant of \$1,000 from Farm Foundation, Chicago, Illinois, to be used under the direction of A. L. Hunter, Continuing Education Service, for the Great Lakes Town & Country Leadership School to be held July 1972.
153. Grant of \$429 from Lear Siegler, Inc., Grand Rapids, Michigan, to be used under the direction of J. U. Jeffries, Continuing Education Service, and the College of Engineering, to support the Extension Program in the College of Engineering and the Continuing Education Service.
154. Grant of \$1,820 from the National Geographic Society, Washington, D.C., to be used under the direction of J. A. Holman, Museum, for the study of amphibians and reptiles of a lower Pliocene site in Kansas.
155. Grant of \$1,000 from Ransom Fidelity Co., Lansing, Michigan, to be used under the direction of C. E. Cleland, Museum, to do salvage archaeology at the Pine River site at Charlevoix, Michigan.
156. Grant of \$772.50 from various donors to be used under the direction of C. E. Cleland, Museum, to do salvage archaeology at the Pine River site at Charlevoix, Michigan.
157. Grant of \$1,000 from Estelle R. Warren, Lakeside, Michigan, to be used under the direction of R. H. Baker, Museum, to support field research by the Museum.
158. Grant of \$1,000 from the Garden Club of Michigan, Grosse Pointe Farms, Michigan, to be used under the direction of M. Baron and F. W. Freeman, Campus Park and Planning, for construction and acquisition of anodized aluminum map and aluminum map case for shrub collection.
159. Grant of \$141,000 from the National Science Foundation, Washington, D.C., to be used under the direction of C. W. Minkel, Graduate School and Research Development, to provide stipends and cost-of-education allowances for 24 NSF graduate trainees.

On motion by Trustee Stevens, seconded by Trustee Merriman, it was unanimously voted to accept the Gifts and Grants.

## C. BIDS AND CONTRACT AWARDS

1. On March 10, 1972, bids were received for the turbine generator for Power Plant 65.

The Commonwealth Associates, Inc. who were engaged by the Board of Trustees as consulting engineers, have evaluated these bids and made the following recommendation:

It is our recommendation that Michigan State University consider the purchase of the 15 Mw noncondensing turbine generator operating at 850 psig, 825°F and exhausting at 90 psig as offered by General Electric Company under their base bid at a cost of \$841,870.

In their recommendation they have taken into consideration both capital costs and operating costs for each unit offered. They have determined the differential capital cost as well as the differential annual cost based on a 25-year life. Representatives from the State Building Division concur in this form of analysis for the awarding of Power Plant bids.

C. BIDS AND CONTRACT AWARDS, continued

April 21, 1972

Bids and Contract Awards

1. Power Plant Bids, continued

The Commonwealth Associates evaluation is shown below.

RESOLVED that the recommendation of Commonwealth Associates, Inc. to award a contract to General Electric Company for the purchase of a turbine generator be approved.

Turbine generator for Power Plant 65

Resolution approved unanimously. Motion by Trustee Huff, seconded by Trustee Martin. Trustee Huff asked that the minutes show that although General Electric's bid was not the lowest for equipment, their combined equipment and annual operating cost bid was the lowest.

15 MW NONCONDENSING TURBINE GENERATOR  
COMPARISON ON ANNUAL COST BASIS

	DeLaval	General Electric Company Base	Alternate 1	Alternate 2	Westinghouse	Worthington Corp.	Stal-Laval
1. Capital Investment							
A. Quoted Price	\$ 780,000	\$ 841,870	\$ 843,020	\$ 820,231	\$ 793,933	\$ 764,000	\$ 848,800
B. Erection Bids	56,630	139,899	139,899	139,899	139,899	33,000	65,000
C. Adjustment for Foundation and Piping Cost	\$ 85,200	\$ 25,700	\$ 48,500	Base	\$ 79,000	\$ 69,800	\$ 72,800
D. Total Adjusted Price	\$ 921,830	\$ 1,007,469	\$ 1,031,419	\$ 960,130	\$ 1,012,832	\$ 866,800	\$ 986,600
2. Analysis of Annual Costs							
A. Total Annual Operating Cost	\$ 1,390,900	\$ 1,370,800	\$ 1,377,600	\$ 1,381,200	\$ 1,427,800	\$ 1,392,600	\$ 1,475,000
B. Differential Annual Basis	\$ 20,100	Base	\$ 6,800	\$ 10,400	\$ 57,000	\$ 21,800	\$ 104,200
C. Differential Extended for 25 Years	\$ 502,500	Base	\$ 170,000	\$ 260,000	\$ 1,425,000	\$ 545,000	\$ 2,605,000

3. The differential cost extended for 25 years takes into consideration both capital and operating costs for the life expectancy of the generator. Based on this analysis, it is the recommendation of Commonwealth Associates, Inc., the consulting engineers, that the University purchase the General Electric Company turbine generator under their base bid at a cost of \$841,870.

2. Erection Bids for Turbine Generator

In connection with the turbine generator bid for Power Plant 65, the University also received erection bids on March 15, 1972.

The Commonwealth Associates, Inc. have recommended that these bids be rejected at this time and rebid by the University.

The Commonwealth Associates prepared the following evaluation of the bids.

	DeLaval Turbines Inc.	General Electric Co.	Stal-Laval	Westinghouse Corp.	Worthington Int. Sales
ASEA, Inc.	N.B.	N.B.	\$ 65,000	N.B.	N.B.
Ashley & Hickem	\$ 56,630	N.B.	N.B.	N.B.	N.B.
Worthington Int. Sales	N.B.	N.B.	N.B.	N.B.	\$ 33,000
John Hennes Trucking Co.	\$ 139,899	\$ 139,899	\$ 141,900	\$ 139,899	\$ 139,899

N.B. indicates no bid received for this unit.

RESOLVED that the recommended rejection of the bids for the erection of the turbine generator be approved.

Resolution approved unanimously. Motion by Trustee Huff, seconded by Trustee Stevens.

Erection bids for turbine generator for Power Plant 65 rejected

C. BIDS AND CONTRACT AWARDS, continued

April 21, 1972

Contract awarded and budget approved for Environmental Engineering Facility Addition

3. The following bids were received on February 22, 1972 for the Environmental Engineering Facility Addition to the Existing River Water Research Facility:

<u>Contractor</u>	<u>Base Bid</u>
Hanel-Vance Construction	\$34,777
The Christman Co.	37,890
Foster, Schermerhorn, Barnes, Inc.	39,920
McNeilly Construction	41,788
Britsch Construction	42,580
Hausman Construction	43,850
Clark Construction	44,000
Nielsen Construction	44,900

It was recommended that a contract in the amount of \$34,777 be awarded to the low bidder, the Hanel-Vance Construction Co., and that the following budget be established for this project:

Contract	\$34,777
Engineering-Supervision	3,500
Contingencies	533
	<u>\$38,810</u>

The project is to be funded from the following accounts:

11-2743	\$ 4,000
11-2715	9,100
11-6813	5,000
11-5173	3,300
*31-1590	12,410
*71-2088	5,000
	<u>\$38,810</u>

\*Upon receipt of E.P.A. grant approval, account 71-2088 will pay \$13,400 and account 31-1590 will be reduced to \$4,010.

RESOLVED that the recommendation for the awarding of the contracts and the proposed budget for the Environmental Engineering Facility addition be approved.

Approved unanimously. Motion by Trustee Martin, seconded by Trustee Merriman.

Contract awarded and budget approved for Radioactive Waste Facility

4. The following bids were received on April 7 for the Radioactive Waste Facility.

<u>General Contractors</u>	<u>Base Bid</u>	<u>Alternate No. 1</u>	<u>Deduct for Separate Contract</u>
McNeilly Construction	\$18,130	+\$2,857	\$400
Hausman Construction	\$21,400	+\$3,700	\$250
Britsch Construction	\$22,350	+\$3,655	\$300
Hanel-Vance Construction	\$23,035	+\$3,243	\$200
Chas. Featherly Construction	\$23,400	+\$3,500	\$400
Clark Construction	\$23,700	+\$3,500	-0-
Nielson Construction Co.	\$23,750	+\$3,300	\$300
The Christman Co.	\$27,687	+\$3,300	\$500
<u>Mechanical Contractors</u>			
Bosch Plumbing & Heating	\$18,825	-0-	
Dard, Inc.	\$20,100	-0-	
Shaw-Winkler, Inc.	\$20,325	-0-	
United Piping	\$21,750	+\$ 100	
<u>Electrical Contractors</u>			
Central Electric	\$ 3,825	-0-	
Quality Electric	\$ 3,862	No quote	
Fox Electric	\$ 4,000	No quote	
Hayes Electric	\$ 4,263	-0-	
Admiral Electric	\$ 4,340	-0-	
Superior Electric	\$ 4,775	-0-	
Lansing Electric Motors	\$ 5,020	No quote	
Martin Electric	\$ 5,391	-0-	

It was recommended that a single contract be awarded to McNeilly Construction, Inc. in the amount of \$44,637 which assigns Bosch Plumbing & Heating Co. and Central Electrical Motor & Construction Co. as subcontractors.

It was further recommended that the following budget be approved:

McNeilly contract	\$44,637
Contingencies	2,628
Radiation Monitoring Equipment (to be ordered by the Department of Public Safety)	1,735
Soil Borings	404
Engineering, Supervision and Expediting	4,596
	<u>\$54,000</u>

C. BIDS AND CONTRACT AWARDS, continued

April 21, 1972

4. Radioactive Waste Facility, continued

The Trustees approved this project and authorized a budget of \$50,000 for the project at their September 1971 meeting. It was recommended that an additional allocation of \$4,000 be approved.

RESOLVED that the recommendation for the awarding of the contract, the additional allocation of \$4,000, and the proposed budget for the Radioactive Waste Facility be approved.

Unanimously approved. Motion by Trustee Huff, supported by Trustee Hartman.

D. OTHER ITEMS FOR ACTION1. Resolutions on War in Indochina

Trustee Stevens presented the following resolution:

The Michigan State University Board of Trustees is a constitutional body elected to represent all the people of Michigan in the governance of the University. As such, our official duties and responsibilities are confined to the welfare and furtherance of this institution of higher education.

We are, however, citizens of this state and nation, and we cherish our individual rights to speak out on major issues which confront us. Such an issue is the war in Indochina, and particularly the continued American military involvement.

In our collective years as Trustees, working closely with the youth who attend this University, we have seen with growing alarm the divisiveness, the cynicism and the widening gap of credibility which this war has instilled in so many young people. We deplore this serious breakdown in our society and loss of confidence in our democratic system -- all caused by a war which has long since lost all context or meaning for the majority of the American people. The latest expansion of this conflict only furthers the sense of frustration.

The campus is the catalyst by which the youth of today become the nation's leaders of tomorrow. It must remain a forum -- and not itself become a battlefield.

Therefore, as individual citizens speaking together, we urge our national government to bring American military involvement in this conflict to a speedy end, without further expansion. We urge our students to use, to the fullest, the new right of the ballot which is the most effective weapon we have. By such use, they can begin to constructively shape their nation as they would have it be.

Motion was made by Trustee Stevens, seconded by Trustee Hartman, to approve the above resolution. Carried by a vote of 6 to 1, Trustee Merriman voting "No."

Mr. Robert Bowling, representing the Vietnam Veterans Against the War, the Veterans for Peace, and other concerned citizens of the University community, requested permission to address the Trustees and urged that the Trustees adopt the following resolution.

## RESOLUTION ON THE RESUMPTION OF BOMBING IN NORTH VIETNAM

We, the publicly elected Trustees of Michigan State University, while we cannot speak for all our students, faculty and staff, personally deplore and oppose the escalation of the bombing and naval war in Indochina.

We believe that the President's action in stepping up the war will not protect our troops being withdrawn, nor will it bring home the American prisoners in North Vietnam. It will only serve to prolong a futile war and to increase the number of U. S. Prisoners held by Hanoi.

We urge President Nixon to declare an immediate cease fire, to set a specific date for withdrawal of all air, naval and ground forces from Indochina, and to enter into meaningful negotiations for the release of our prisoners when all U. S. forces are out of Indochina.

Trustee White, supported by Trustee Carrigan, moved the adoption of the above resolution. Unanimously carried. Trustee White requested that the two resolutions be transmitted to President Nixon by President Wharton.

2. Vice President Perrin reported that the administration has received a request for permission for a radio station to record the proceedings of the formal open session of the Board of Trustees. This has not been permitted in the past, based on an action taken by the Board of Trustees at a meeting on November 21, 1968 specifically prohibiting the use of such devices. In view of this request, it was felt it might be appropriate to determine whether the Board wished to continue its 1968 policy or to revise it and permit recording by legitimate news media. At a cost of \$15 or \$20 per meeting for rental of equipment from Instructional Media Center, additional recordings could be made through the equipment we now use to make the official recordings of the Board meetings.

Resolutions on war in Indochina and bombing of North Vietnam

Recording of Board meetings by news media and others to be permitted

Recording of Board meetings, cont.

2. Recording of Board Meetings by News Media, continued

Trustee Carrigan, supported by Trustee White, moved the adoption of the following resolution:

RESOLVED, that the Board of Trustees will henceforth permit electronic recording of proceedings at its formal open meetings by legitimate news media requesting the opportunity. Requests are to be directed to the Department of Information Services for consideration and approval under guidelines which the Department will establish. It is understood that the Board reserves the right to limit such activities if necessary to protect the decorum and effectiveness of its meetings.

Unanimously carried. Trustee Carrigan noted that anyone who wished to tape the meetings informally from his/her seat was not precluded from doing so.

Article XI of Bylaws amended

3. At the last meeting of the Finance Committee, the Board approved the establishment of an Investment Committee and adopted some new procedures to handle our investment portfolio. At that time Trustee Huff suggested the need to amend the bylaws of the Board to conform with the new procedures. Attorney Carr drafted the following proposed amendment to Article XI.

Securities. An investment committee consisting of the President, Vice President for Business and Finance, and Vice President for University Development, shall be authorized, upon approval of any three Trustees, to buy and sell stocks, bonds, evidence of indebtedness or other securities. All such transactions, specifying the three Trustees granting authority therefor, shall be reported to the Finance Committee of the Board at its next regularly scheduled meeting.

RESOLVED, that the proposed amendment to Article XI of the Bylaws, as submitted, be approved.

Approved unanimously. Motion by Trustee Huff, seconded by Trustee Stevens.

Affiliation agreement with Saginaw Coop. Hospitals approved

4. In conformity with existing procedures, the College of Human Medicine has negotiated a proposed affiliation agreement with the Saginaw Cooperative Hospitals, Inc., of Saginaw, Michigan. This agreement, if approved by the Board, will permit clinical training of MSU students in the College of Human Medicine in these hospitals. Copy of the agreement is filed in the Secretary's Office. This request for Board approval has the endorsement of the administration.

RESOLVED, that Michigan State University College of Human Medicine enter into an affiliation agreement with the Saginaw Cooperative Hospitals, Inc., of Saginaw, Michigan.

Approved unanimously. Motion by Trustee Stevens, seconded by Trustee Huff.

Interim Faculty Grievance Procedures approved some items to be resubmitted to Board

5. Over several months of careful and dedicated work, an ad hoc committee, chaired by Professor E. Fred Carlisle, formulated a set of procedures for insuring that faculty grievances can receive a fair and expeditious hearing and an opportunity to appeal adverse decisions of such hearings. The subcommittee's report was amended and approved by the Elected Faculty Council.

These amended procedures were reviewed by the deans, directors, and executive officers of the University and recommendations made for improvements to them. Based upon these recommendations, the procedures were amended and approved by the Academic Council on April 11, 1972.

These Interim Grievance Procedures will eventually be incorporated with emerging documents on faculty rights and responsibilities and on administrative responsibility and authority. Until all these documents are woven into a compatible whole, the present procedures retain their interim status.

The procedures were presented to the Board of Trustees with the administration's recommendation that they be approved. Copy of the procedures is filed in the Secretary's Office.

RESOLVED, that the Interim Faculty Grievance Procedures, as submitted, be approved.

Motion was made by Trustee Carrigan, seconded by Trustee Huff, to approve the above resolution.

General discussion of the procedures ensued. The most fundamental reservation concerning the procedures appeared to be section 1.2. Specifically, the question was raised whether there should be a single faculty grievance procedure or one each for anti-discrimination issues, tenure issues, and all other faculty grievances.

Trustee White, supported by Trustee Huff, offered a substitute motion to delete item 1.2. Trustee Huff asked Mr. White to modify his motion to allow present anti-discrimination procedures to remain intact and to refer the document back to Dr. Carlisle's committee to see if they can develop a single grievance procedure for faculty. Trustee White agreed.

D. OTHER ITEMS FOR ACTION, continued

April 21, 1972

5. Interim Faculty Grievance Procedures, continuedInterim Faculty  
Grievance  
Procedures,  
cont.

Trustee Hartman called for a clarification of Trustee White's motion.

President Wharton suggested that Trustee White introduce a motion expressing disagreement with the exclusion of the issues related to the extension of appointment, dismissal, termination or non-reappointment of faculty in the tenure stream from this document and that specific item be reconsidered by the Academic Council and brought back to the Board. At the same time, the administration would be directed to inform the Academic Council that the preference of the Board would be that such issues should be a part of this existing interim faculty grievance document. Trustee White accepted the suggested rewording of the motion. President Wharton indicated that the administration would work out the details as to whether the document is returned to the Academic Council or the Elected Faculty Council. The motion as reworded by President Wharton carried unanimously.

6. The existing policy governing the use of Michigan State University facilities for political activities was last approved by the State Board of Agriculture in 1957. This policy was adopted at a time when the student body was half the present size, where there was considerably less political awareness and involvement on the part of the students, and, of course, prior to the reduction of the voting age of 18. The administration recommended the adoption of a new policy which seeks to realistically meet the changed conditions by placing the University in a positive role while at the same time protecting it against improper political use.

Policy re use  
of University  
facilities for  
political  
activities

RESOLVED, that the proposed policy governing the use of Michigan State University facilities for partisan political activities, as submitted, be approved.

Approved unanimously. Motion by Trustee Stevens, seconded by Trustee Hartman. The revised policy appears below.

USE OF M.S.U. FACILITIES FOR  
PARTISAN POLITICAL ACTIVITIES

The following policy governing the use of facilities for partisan political activities on the campus of Michigan State University is issued under the authority of Article XI of the Bylaws of the Board of Trustees and Section 13, M.S.U. Ordinances.

Michigan State University recognizes the basic role of political parties and the partisan election process in the American system of governance. As an institutional mechanism for the generation and dissemination of knowledge, a university has a responsibility to facilitate the free exchange of ideas in a political as well as an academic sense. The lowering of the voting age to 18, thus making the great majority of its students eligible as voters, further obligates the university to perform a civic responsibility role so that students, as well as faculty and staff, may exercise their elective franchise in as enlightened a manner as possible.

At the same time, however, as a public institution serving, and supported by, all the people of Michigan, regardless of political persuasion, the university must take every care to avoid charges of political favoritism or improper partisan activity. Therefore, in order to meet these dual public responsibilities, the following policy for the use of facilities is hereby adopted:

1. Subject to other provisions of this policy, such university facilities as may be desired and available may be used for the following purposes:
  - a. Educational-type conferences sponsored by a political party.
  - b. County, state or national committee meetings of a political party.
  - c. Meetings or rallies with or in behalf of candidates for political office.
  - d. Voter registration and/or polling places.
2. Activities referred to in Sec. 1 must be sponsored in accordance with the following criteria:
  - a. Political and public organizations may have access to facilities usually available to the public (e.g., Kellogg Center, the Union, etc.) for purposes specified under Sec. 1 (a) or (b) above, subject to the usual rules governing the use of such facilities.
  - b. Registered campus organizations only may request use of university facilities for purposes specified under Sec. 1 (c) above. The "All-University Policy for Use of University Facilities and Services by Students and for Revenue Producing Projects for Students" shall apply to such requests.
  - c. Contingent on agreements between the university, the City of East Lansing and the East Lansing Public Schools, facilities may be utilized for voter registration or as legal polling places. In the latter instance, state or local election laws restricting campaign activity in these locations shall apply.

D. OTHER ITEMS FOR ACTION, continued

April 21, 1972

6. Political Activities and Use of Facilities, continued

Policy governing use of facilities, continued

3. Established rates, fees, maintenance costs, etc., provided for under university policy, shall be charged for the use of all facilities.
4. Residence halls are specifically excluded from this policy but remain subject to all established rules governing their use.
5. Established university rules and regulations to which this policy is subject include, but are not necessarily limited to:
  - a. All-University Policy for Use of University Facilities and for Revenue Producing Projects for Students.
  - b. Ordinance 13 (Buildings).
  - c. Ordinance 16 (Disorderly Conduct).
  - d. Outside Speakers Policy
  - e. Student Organization Registration Policy
6. All requests for the use of university facilities under this policy shall be submitted to the office of the Executive Vice President and Secretary to the Board of Trustees for approval.

7. Recent experience with the anti-discrimination procedures adopted by the Board on February 28, 1970 has revealed certain complications regarding the original intent of the Board and the extent to which the Board wishes to delegate its authority. The University attorney outlined the issues and recommended the adoption of the following resolution.

RESOLVED, that the Anti-Discrimination Policy and Procedures be amended as follows:

To strike from Article IV-C-1 the words "as defined in this document"; to strike from Article IV-C-3 the words "By law or"; to strike from Article IV-D-1 the sentence reading: "In the course of such investigation, these members shall make every reasonable effort to achieve a settlement of the dispute"; to add to the third sentence of Article IV-D-4 a clause saying "Provided, however, that any recommendation for the payment of money shall be referred to the Board of Trustees of Michigan State University for its consideration as an item of appropriation."

Unanimously approved. Motion by Trustee Huff, seconded by Trustee Hartman.

8. Trustee Huff reminded the Trustees that at the April 1971 Board meeting a system of selecting student advisers to the Board had been approved, but had never been implemented. He asked that the administration provide a review of this matter to determine whether that procedure should not be implemented or if a new procedure should be adopted.

He also called attention to a proposed research project by undergraduate students on the campus highway access route. He suggested that the Board support this project if the students are unable to raise the needed funds from private sources.

President Wharton explained that it was not a lack of interest on the part of the administration but the choice of the student leaders not to participate in the Board approved student participation plan because the students felt this would be a meaningless exercise. He assured Trustee Huff the administration would be glad to explore the possibility of a proposal that might be acceptable to the Trustees and the student leaders.

President Wharton also reported that discussions have occurred with personnel from the cities of East Lansing and Lansing regarding the access route, and that the All-University Traffic Committee intends to undertake a traffic survey on campus. A review of the developments on the cross-campus road will be reported for a future Board meeting.

E. PROGRESS REPORTS1. Improvement of Status of Women

Dr. Joseph McMillan, Director of the Office of Equal Opportunity, introduced a progress report on the steps that are being taken to improve the status of women. The most notable action has been the formation of a Women's Steering Committee, 17 women appointed by the President, which will work on an ad hoc basis with EOP for three months to devise an organizational structure through which discrimination against women and other vital educational and service programs for women might be more appropriately addressed.

Use of facilities for political activities, cont.

Amendments to Anti-Discrimination Policy and Procedures

Proposal for student participation on Board of Trustees to be developed

AUTC to undertake traffic survey of campus

Progress Report on improvement of status of women

E. PROGRESS REPORTS, continued

April 21, 1972

1. Improvement of Status of Women, continued

Mrs. Mary Sharp advised the Trustees that a comparative salary study using the rank, degree and date of first appointment of men and women in the tenured faculty system had been submitted to the various deans for study. Recommendations were to be submitted to the Provost for adjustments which the deans felt were necessary to insure equitable treatment with respect to the salaries of women on the faculty. These changes will form the basis for recommendations to the Board in connection with July 1 salaries but will have no effect on merit increases or promotions.

Progress Report on improvement of status of women, cont.

Vice President Perrin reported that since last October, due to current hiring practices, there has been a decrease of 13 male faculty and an increase of 3 female faculty members.

Executive Vice President Breslin reported that in the past very little emphasis has been placed on women's athletics but during the past year progress has been made in eliminating some of the deficiencies. Basketball uniforms and a scoreboard have been purchased, the basketball court has been repainted, and travel expenses have been provided from outside sources for the volleyball team to compete in a tournament in Miami. In 1972-73, volleyball uniforms will be purchased and greater financial support will be given to the women's intercollegiate athletic program.

Report by Exec. V.P. Breslin re women's athletics

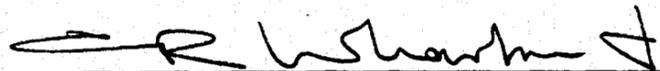
Assistant Vice President Keith Grotz reported that a new policy structure regarding the fringe benefits for all persons who work less than full time is being drafted. He also stated that steps had been taken to tighten the policies and procedures for the hiring of non-academic employees so that the Personnel Office can be more directly accountable for the processing of individuals. A policy is also being prepared which would give guidelines for equal opportunity for faculty, including a posting procedure for vacancies in the academic area.

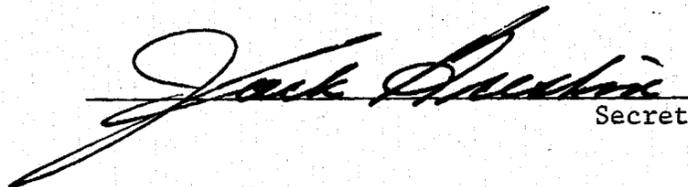
Report by Asst. V.P. Grotz re fringe benefits, other employment policies

An investigation conducted by Mrs. Sharp on the status of housekeepers and custodians has resulted in the upgrading of several women in custodial positions.

Reporting on the work of the Anti-Discrimination Judicial Board, Mrs. Sharp stated that of the 15 cases alleging discrimination on the basis of sex, 3 were withdrawn, 4 were adjusted for the claimant, and 8 are pending.

Meeting adjourned at 1:19 p.m.

  
President

  
Secretary