

MINUTES OF THE MEETING
of the
MICHIGAN STATE UNIVERSITY
FINANCE COMMITTEE
May 17, 1974

President Wharton called the Finance Committee meeting to order at 7:51 a.m.

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

Absent: No one.

Scudder, Stevens & Clark report re MSU Retirement Fund bond transactions

1. Following the investment policy of the University, Scudder, Stevens & Clark completed the following transactions in the bond portfolio of the University:

MSU Retirement Fund - Account #72304

<u>April 11, 1974</u>	<u>Rate</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>
<u>SELL</u>				
60,000 Metro Toronto	5.125	87.178	\$ 52,307	\$ 3,075
92,000 Alberta Municipal Finance	4.750	78.433	<u>72,158</u>	<u>4,370</u>
			\$ 124,465	\$ 7,445
<u>BUY</u>				
125,000 Commercial Paper	9.750	100	\$ 125,000	\$12,188
<u>April 16, 1974</u>				
<u>SELL</u>				
\$100,000 John Deere Credit due 10-13-85	4.875	74.50	74,500	\$ 4,875
<u>BUY</u>				
\$ 75,000 Commercial Paper	9.750	100	\$ 75,000	\$ 7,313

RESOLVED that the above investment report be accepted.

Unanimously approved upon motion by Trustee Thompson, seconded by Trustee Radcliffe.

Establishment of fund in memory of John Garver

2. Gifts totaling \$2,500 were given in memory of John Garver. Mrs. Garver has requested that the interest income from the principal account be transferred to the Ralph Young Fund.

It is recommended that the Board approve the establishment of a fund functioning as an endowment for the purpose indicated above and that this fund be invested in the Consolidated Investment Fund.

RESOLVED that the above recommendation be approved.

Unanimously approved. Motion by Trustee Merriman, seconded by Trustee Carrigan.

Report of purchase offer on Wayne, Michigan property; appraisal to be made and listing for sale to be considered

3. Vice President Wilkinson reported that the University has received an offer, which expires May 20, 1974, to purchase the Michigan Bell Telephone Co. office facility located in Wayne, Michigan. Mr. Wilkinson submitted the following information to aid in the consideration of this offer.

The University and the Michigan Bell Telephone Company entered into an agreement in 1957 whereby the University erected a building in Wayne, Michigan which was leased by the Michigan Bell Telephone Co. This structure is an investment of the Retirement Fund of the University totaling \$131,024. The building is located in the central business area of the city which is currently under urban renewal and consists of 7,954 square feet. The current indebtedness on the University books for this facility is \$43,732.

The current lease with the Michigan Bell Telephone Co. was effective December 1, 1973 and extends for a five-year period, with two five-year options to extend subject to rental rate adjustment. The University is currently receiving an annual rent of \$20,860 which will be reduced on June 1, 1974 to an annual rate of approximately \$14,800, since the University was unable to satisfactorily provide parking arrangements adjacent to the facility. The efforts on behalf of the University to secure additional parking have been previously reported to the Board.

3. Wayne Property, continued

Wayne Property,
cont.

The University has received an offer to purchase this property through Mr. David A. Cotter, an East Lansing realtor, in the amount of \$118,000 with an option that this purchase agreement be exercised by the University on May 20, 1974. Since the University had not listed this property for sale, a prior appraisal was not obtained. However, with the receipt of this offer, Mr. William Porter of Porter Realty in Lansing was requested to render an opinion as to the value of this property. Time did not permit Mr. Porter to conduct a thorough appraisal, but it was his opinion that the value of the property would be between \$100,000 and \$135,000.

The offer to purchase did not identify Mr. Cotter's client. However, in a follow-up conversation with Mr. Cotter, Vice President Wilkinson informed him that if this offer was accepted by the University, the client would have to be identified in order to protect the University against a possible conflict of interest involving a University employee and, also, that financial arrangements acceptable to the University would have to be satisfactorily resolved.

Facts that should be considered by the Trustees in making a decision are that the present investment will earn approximately \$14,800 per year, and that an investment of the proceeds from sale of the property, based on a 10% factor for income and appreciation, would generate approximately \$11,800 per year. Another factor which must be considered is the appreciation of an equity asset versus a real estate asset. The Wayne property is currently land-locked and the University has been unsuccessful in securing additional parking after many months of effort. Without additional parking, the asset is of limited value and with doubtful appreciation.

Attorney Carr is currently reviewing the offer to purchase.

The Trustees agreed that the offer of \$118,000 submitted by Mr. Cotter's client would not be accepted but that after an official appraisal the listing of the property for sale should be considered.

4. Report from Vice President Wilkinson and Assistant Vice President Terry on the status of funding of the University retirement plans.

Report on status
of funding of
Univ. retirement
plans

In June 1972, when the Board approved the conversion of the non-contributory retirement plan to a contributory plan under TIAA/CREF, it was understood that periodic reports would be made as to the status of funding of past service costs. The following report reflects funds made available to this program through March 31 of this fiscal year. An actuarial study is currently under way to update previous estimates of total past service costs. The results of that study, together with a complete report as to the status of the funding program, will be presented to the Board in the fall.

FUNDS AVAILABLE TO THE RETIREMENT PROGRAM
July 1, 1973 to March 31, 1974

	<u>General Fund</u>	<u>Dormitory and Food Services Fund</u>
Charges to current operations	\$1,206,603	
Net earnings from apartments		\$ 479,494
Auxiliary Services		700,000
Investment income from assets held by University	669,356	
Proceeds from Disability Plan	1,914	
TOTAL	\$1,877,873	\$1,179,494
Less: Expenses		
Payments to beneficiaries	940,722	148,679
Investment fees	16,920	
Funds available to contribute toward past service costs	\$ 920,231	\$1,030,815

Trustees Huff and Thompson asked that, in view of the rising cost of living, the possibility of adjusting retirees' pensions be investigated. Trustee Huff commended those involved in conducting the smooth transition from the non-contributory to the TIAA/CREF retirement plan.

5. In a follow-up discussion on the AICPA Audit Guide and its impact on the financial operations of the University, the Trustees discussed a letter from Ernst & Ernst indicating that most of the concerns relating to the Audit Guide have been satisfactorily resolved.

AICPA Audit
Guide

Assistant Vice President Stephen Terry also reported that he had surveyed other public educational institutions with several questions regarding their compliance with the practices outlined in the Audit Guide and found that MSU compares very favorably with the other institutions.

A memorandum covering MSU's variations from the Guide will be prepared for discussion, before the June 21 Board meeting, by the Trustees' Audit Committee (Trustees Martin and Thompson) with Ernst & Ernst. A copy of this memorandum will be distributed to all Trustees.

Approval purchase of land in Ionia Co. for Hort. Research

6. In September 1973 the Board of Trustees authorized the Administration to investigate the possibility of purchasing additional land for the development of horticulture research. Executive Vice President Breslin distributed a map showing the location of property in Boston Township, Ionia County, on which options have been taken for this proposed new horticulture research center. (The map and a brief description of each parcel of land are filed in the Secretary's Office). Mr. Breslin introduced Dean L. L. Boger, College of Agriculture and Natural Resources, and Chairman John Carew, Department of Horticulture, who further described the properties and emphasized the desirability of their acquisition for the Horticulture Department.

Motion was made by Trustee Huff, seconded by Trustee Carrigan, to exercise the options on the Mick (219 acres), Bowen (1 acre), Mick (40 acres), and Tucker (99.01 acres) parcels at a total cost of \$422,000.

Trustee Merriman moved a friendly amendment, which was accepted by Trustee Huff, to purchase also the Kooiman property (80 acres) at an additional cost of \$80,000, the option on which expires August 1, 1974.

President Wharton pointed out that since the Kooiman option does not expire until August 1, 1974, an alternative would be to approve the purchase of the Mick, Bowen, Mick, and Tucker parcels and delay action on the Kooiman option pending a further analysis of the desirability of acquiring this property with perhaps a site visit by all or some of the Trustees.

This alternative action was offered as a substitute motion by Trustee Martin. It was seconded by Trustees Stevens and Carrigan and unanimously approved.

Adjourned.

MINUTES OF THE MEETING
of the
MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
May 17, 1974

Present: Trustees Carrigan, Huff, Martin, Merriman, Radcliffe, Stack, Stevens, and Thompson; President Wharton, Executive Vice President and Secretary Breslin, Vice President Wilkinson, Provost Cantlon, Vice Presidents Muelder, Nonnamaker, Perrin and Scott, Assistant to the President Ballard, Attorney Carr.

Absent: No one.

The Board convened in the Board Room at 10:45 a.m.

1. President Wharton announced that two items should be added to the agenda under Other Items for Action: Item 9, Selection of Architect for Performing Arts Center; Item 10, Allocation of President Wharton's Directors Fees.

Motion was made by Trustee Carrigan, seconded by Trustee Thompson, to approve the agenda. Unanimously carried.

2. On motion by Trustee Thompson, seconded by Trustee Martin, it was unanimously voted to approve the minutes of the April 19 Board meeting.

3. Motion was made by Trustee Martin, seconded by Trustee Thompson, to approve the actions taken in the May 17 Finance Committee meeting. Unanimously carried.

A. PERSONNEL CHANGES

Resignations

1. Kay Ann Siegrist, Extension 4-H Youth Agent, At Large, effective April 29, 1974 to seek other employment.
2. Marvin L. Hayenga, Associate Professor, Agricultural Economics, effective May 23, 1974 to accept a position with General Foods.
3. Ronald W. Hodgson, Instructor, Park and Recreation Resources, effective June 30, 1974 to accept employment as assistant professor in Park and Recreation Management and Agricultural Experiment Station, Department of Environmental Horticulture, University of California - Davis.
4. Alexander Murray, Associate Professor, Music, effective August 31, 1974 to take a position as Professor of Flute at the Royal Dutch Conservatory of Music in the Hague, Netherlands.
5. Carol A. Cunningham, Instructor, Accounting and Financial Administration, effective March 31, 1974 due to illness.
6. Allan B. Mandelstamm, Professor, Economics, effective August 31, 1974 to accept a position in the Department of Economics at the Virginia Polytechnic Institute, Blacksburg, Virginia.

A. PERSONNEL CHANGES, continued

May 17, 1974

Resignations, continued

Resignations

7. Joanne A. Sudman, Instructor, Audiology and Speech Sciences, effective April 30, 1974 to follow her husband out of the state.
8. Stephen R. Matt, Instructor, Secondary Education and Curriculum, effective August 31, 1974 due to desire for better position.
9. Lawrence T. Novak, Assistant Professor, Electrical Engineering and Systems Science and Crop and Soil Sciences, effective August 31, 1974 to accept a position at Cleveland State University.
10. Jacqueline A. Wood, Instructor, Family and Child Study, effective May 10, 1974 to accept another position.
11. Neil H. Cullen, Assistant Professor, Justin Morrill College, effective August 31, 1974 to accept a position at Brooklyn College.
12. Sam B. Upchurch, Assistant Professor, Geology, effective August 31, 1974 to accept a position in Florida.
13. Joan Dean, Instructor, Nursing, effective August 31, 1974.
14. Leonard Kasdan, Associate Professor, Anthropology, effective August 31, 1974 to accept a position at another university.
15. Frank J. Vangeli, Assistant Professor, Urban Planning and Landscape Architecture, effective August 31, 1975.
16. Sandra J. Springer, Librarian, Libraries, effective May 31, 1974 to accept position with Upjohn Company Library.
17. Rosario Cavazos, Specialist, Special Programs, effective February 28, 1974.
18. Robert W. Nordmann, Specialist and Assistant Basketball Coach, Intercollegiate Athletics, effective March 31, 1974 to seek another position.

Leaves -- SabbaticalSabbatical
Leaves

1. Donald J. Ricks, Associate Professor, Agricultural Economics, with full pay, effective July 16, 1974 through January 15, 1975 to study and travel in Europe.
2. Bernard J. Paris, Professor, English, with half pay, effective September 1, 1974 through August 31, 1975 to study in London and East Lansing.
3. Heinz J. Dill, Assistant Professor, German and Russian, with half pay, effective September 1, 1974 through August 31, 1975 to study in Canada, Europe, and East Lansing.
4. Frank L. Ingram, Associate Professor, German and Russian, with half pay, effective September 1, 1974 through August 31, 1975 to study in East Lansing.
5. Thomas W. Juntune, Associate Professor, German and Russian, with half pay, effective September 1, 1974 through August 31, 1975 to study in Europe, Iceland, and East Lansing.
6. Boyd L. Miller, Assistant Professor, Journalism, with full pay, effective April 1, 1975 through June 30, 1975 to study in United States.
7. Maryellen T. McSweeney, Associate Professor, Counseling, Personnel Services and Educational Psychology, with full pay, effective September 15, 1974 through March 14, 1975 to study in North Carolina and/or Washington, D.C.
8. Janet Alleman-Brooks, Associate Professor, Elementary and Special Education, with full pay, effective September 1, 1974 through December 31, 1974 to study and write.
9. George B. Sherman, Assistant Professor, Elementary and Special Education, with half pay, effective September 1, 1974 through August 31, 1975 to study in western United States.
10. Yvonne Waskin, Assistant Professor, Elementary and Special Education, with full pay, effective September 1, 1974 through December 31, 1974 to study at University of Michigan.
11. John A. Fuzak, Professor and Associate Dean, College of Education, and Director, School for Advanced Studies, with full pay, effective June 1, 1974 through August 31, 1974 to study in United States.
12. Carl V. Page, Associate Professor, Computer Science and Engineering Research, with half pay, effective September 1, 1974 through August 31, 1975 to study at Stanford and in East Lansing.
13. Dennis P. Nyquist, Associate Professor, Electrical Engineering and Systems Science, with half pay, effective September 1, 1974 through August 31, 1975 to study in East Lansing.

A. PERSONNEL CHANGES, continued

May 17, 1974

Sabbatical
Leaves

Leaves--Sabbatical, continued

14. M. A. El-Bayoumi, Professor, Biophysics and Chemistry, with half pay, effective January 1, 1975 through December 31, 1975 to study in Lebanon and France.
15. Ronald C. O'Neill, Associate Professor, Mathematics, with full pay, effective January 1, 1975 through March 31, 1975 to study at University of New Hampshire.
16. Peter A. Schroeder, Professor, Physics, with half pay, effective September 1, 1974 through August 31, 1975 to study in London and New Zealand.
17. Charles C. Killingsworth, University Professor, Labor and Industrial Relations, with full pay, effective September 1, 1974 through February 28, 1975 to study in United States and Europe.
18. Herbert Bergman, Professor, American Thought and Language, with full pay, effective January 1, 1975 through March 31, 1975 to study in New York and East Lansing.
19. Kenneth K. Keahey, Professor, Pathology, with full pay, effective July 1, 1974 through December 31, 1974 to study in United States and Canada.
20. Lawrence T. Alexander, Professor and Director, Learning Service, and Professor, Counseling, Personnel Services, and Educational Psychology, with full pay, effective July 1, 1974 through September 15, 1974 to study in East Lansing.

Health
Leaves

Leaves--Health

1. Nancy B. Burton, Extension Home Economist, Baraga, Houghton, and Keweenaw counties, with full pay, effective April 1, 1974 through April 30, 1974.
2. Junior E. Malosh, Extension 4-H Youth Agent, Ogemaw County, with full pay, effective April 5, 1974 through May 4, 1974.
3. Edward A. Poole, Extension 4-H Youth Agent, Van Buren, Cass, and Berrien counties, with full pay, effective April 8; 1974 through May 31, 1974.
4. Patricia S. Gage, Assistant Professor, Natural Science, with full pay, effective April 29, 1974 through June 10, 1974.
5. Shirlee A. Studt, Librarian, Libraries, with full pay, effective May 1, 1974 through May 31, 1974.

Other
Leaves

Leaves--Other

1. Frank E. Klackle, District Extension Horticultural Agent, Kent, Ottawa, Muskegon, Montcalm, and Ionia counties, with full pay, effective June 20, 1974 through August 6, 1974 to study in western Europe.
2. Simo Pynnonen, County Extension Director, St. Clair County, with full pay, effective July 1, 1974 through September 30, 1974 to study in extension offices in United States.
3. Wayne L. Myers, Assistant Professor, Forestry, without pay, effective July 1, 1974 through September 15, 1974 to participate in United States Forest Service Faculty Program.
4. Atsuko Hirai, Assistant Professor, History, without pay, effective September 1, 1974 through August 31, 1975 to study in Japan, Massachusetts, California, and East Lansing.
5. Robert M. Slusser, Professor, History, without pay, effective May 1, 1975 through August 31, 1975 to study in Ann Arbor, Massachusetts, Washington, D.C., and East Lansing.
6. Andrew C. Porter, Associate Professor, Counseling, Personnel Services, and Educational Psychology, without pay, effective September 1, 1974 through August 31, 1975 to study at National Institute of Education.
7. William Derman, Associate Professor, Anthropology and Justin Morrill College, without pay, effective April 10, 1974 through May 20, 1974 as assignment for AID and Black Caucus of U.S. Senate in Senegal, Mali, Mauritania.

Transfers and
Changes in
Assignment

Transfers and Changes in Assignment

1. Change ending date of appointment from January 30, 1975 to January 31, 1976 for George Ayers, Specialist, Horticulture and Entomology.
2. Transfer Tamara E. Harrod, Assistant Professor, from Justin Morrill College to Dean's Office, College of Arts and Letters, effective July 1, 1974.
3. Transfer Diane E. Scholberg, Assistant Professor, from Justin Morrill College to Dean's Office, College of Arts and Letters, effective July 1, 1974.
4. Transfer Keith A. Williams, Assistant Professor, from Justin Morrill College to Dean's Office, College of Arts and Letters, effective July 1, 1974.

George Ayers

Tamara E.
Harrod

Diane E.
Scholberg

Keith A.
Williams

A. PERSONNEL CHANGES, continued

May 17, 1974

Transfers and Changes in Assignment, continuedTransfers and
Changes in
Assignment

5. Change in terms of sabbatical leave for Robert W. Uphaus, Associate Professor, English, from half pay, effective September 1, 1974 through August 31, 1975, to full pay, effective April 1, 1975 through June 30, 1975. Robert W. Uphaus
6. Change of assignment for Frank L. Ingram, Associate Professor, from German and Russian and Justin Morrill College, to German and Russian only, effective July 1, 1974. Frank L. Ingram
7. Additional assignment for Walter N. Mack, Professor, Institute of Water Research and Microbiology and Public Health, to Civil and Sanitary Engineering, effective March 1, 1974 through June 30, 1974. Walter N. Mack
8. Change of assignment for Richard C. Dubes, Professor, from Computer Science and Engineering Research to Computer Science only, effective September 1, 1974. Richard C. Dubes
9. Dual assignment for John J. Forsyth, Assistant Professor, to Computer Science and Engineering Research, effective September 1, 1974 through August 31, 1975. John J. Forsyth
10. Dual assignment for K. N. Subramanian, Assistant Professor, to Metallurgy, Mechanics and Materials Science and Engineering Research, effective September 1, 1974 through August 31, 1975. K. N. Subramanian
11. Change Kathryn Cole, Instructor, Family and Child Sciences, from 25% time at \$266.67 per month to 50% time at \$533.34 per month, effective April 1, 1974 through June 30, 1974. Kathryn Cole
12. Change Suzanne Richards from Instructor to Specialist/Director of Admissions, Dean of Osteopathic Medicine, with an increase in salary to \$14,500 per year on a 12-month basis, effective September 1, 1973. Suzanne Richards
13. Change of assignment for John L. Taylor, Jr., Associate Professor, from Dean's Office, College of Osteopathic Medicine, and Medical Education Research and Development, to Dean's Office, College of Osteopathic Medicine only, effective April 1, 1974. John L. Taylor, Jr.
14. Change L. L. Bunnell from Associate Professor to Professor and Acting Chairman, Family Medicine, with an increase in salary to \$31,450 per year on a 12-month basis, effective July 1, 1974. L. L. Bunnell
15. Change Robert C. Ward from Professor and Chairman, Family Medicine, to Professor, Family Medicine, and Director of Special Projects, Dean's Office, College of Osteopathic Medicine, effective July 1, 1974. Robert C. Ward
16. Approved the following for Christopher K. Vanderpool, Assistant Professor, Sociology, effective September 1, 1974 through August 31, 1975: Christopher K. Vanderpool
 - a. Additional assignment as Associate Chairman, Sociology;
 - b. Change from a 10-month to a 12-month basis with an increase in salary to \$18,000 per year.
17. Change in terms of leave for Ronald R. Nelson, Associate Professor, Humanities, from Sabbatical Leave, half pay, to Leave, no pay, effective September 1, 1974 through August 31, 1975. Ronald R. Nelson
18. Payment of \$4,785 plus retirement pay for the period July 1, 1974 through August 31, 1974 for Theodore W. Forbes, Professor Emeritus, Psychology and Highway Traffic Safety Center. Theodore W. Forbes
19. Change Paul V. Rumpsa from Comptroller AP-19 at a salary of \$32,180 per year on a 12-month basis to Financial Adviser to the Vice President for Business and Finance at a salary of \$16,740 per year on a 12-month basis, effective July 1, 1974 through June 30, 1978. Paul V. Rumpsa
20. Assignment of Kelly M. Harrison, Associate Professor, Agricultural Economics, to Overseas-Costa Rica, Colombia, at an overseas salary of \$22,000 per year on a 12-month basis, effective March 20, 1974 through March 31, 1974. Kelly M. Harrison
21. Assignment of George E. Rossmiller, Associate Professor, Agricultural Economics, to Overseas-Korea, at an overseas salary of \$22,110 per year on a 12-month basis, effective December 14, 1973 through December 24, 1973. George E. Rossmiller
22. Assignment of Lee M. James, Professor and Chairman, Forestry, to MUCIA Overseas/Thailand at an overseas salary of \$29,700 per year on a 12-month basis, effective June 1, 1974 through June 30, 1974. Lee M. James
23. Assignment of Beatrice Paolucci, Professor, Family Ecology, to MUCIA Overseas/Bangkok at an overseas salary of \$27,720 per year on a 10-month basis, effective July 1, 1974 through July 31, 1974. Beatrice Paolucci
24. Change Lee Cooke from Senior Hort. Technician IX to Supervisor Research AP-10, Horticulture, with an increase in salary to \$10,321 per year on a 12-month basis, effective April 1, 1974. Lee Cooke

A. PERSONNEL CHANGES, continued

May 17, 1974

Transfers and Changes in Assignment, continued

- Gretchen A. Bria 25. Change Gretchen A. Bria from Administrative Assistant I AP-8 to Acting Senior Administrative Assistant AP-12, Dean's Office, College of Human Medicine, with an increase in salary to \$12,200 per year on a 12-month basis, effective April 1, 1974 through June 30, 1974.
- Carolyn W. Snow 26. Change Carolyn W. Snow from Office Assistant IX to Personnel Assistant/Records AP-9, Provost's Office, with an increase in salary to \$10,200 per year on a 12-month basis, effective April 18, 1974.
- Nancy Corneil 27. Change Nancy Corneil from Principal Clerk VI to Senior Research Assistant/Registrar AP-9, Registrar's Office, with an increase in salary to \$9,500 per year on a 12-month basis, effective April 8, 1974.
- Gary Knox 28. Change Gary Knox from Senior Research Assistant/Registrar AP-9 to Systems and Procedures Analyst AP-13, Registrar's Office, with an increase in salary to \$13,300 per year on a 12-month basis, effective April 8, 1974.
- Barry Latoszewski 29. Transfer Barry Latoszewski from Senior Food Supervisor IX, Holden Cafe., to Manager Food Service AP-10, Akers Cafe., with an increase in salary to \$10,300 per year on a 12-month basis, effective April 15, 1974.
- Betty J. Floyd 30. Change Betty J. Floyd from Student Services Assistant AP-9, Division Residence Halls, to Area Director; Assistant Coordinator Advisory Staff AP-14, Division Residence Halls, with an increase in salary to \$14,400 per year on a 12-month basis, effective May 1, 1974.

Salary Changes Salary Changes

1. Increase in salary for Winifred H. Rome, Instructor, Accounting and Financial Administration, to \$12,400 per year on a 10-month basis, effective May 1, 1974 through August 31, 1974.
2. Increase in salary for Thomas L. Owen, Postdoctoral Fellow, Physiology, to \$7,500 per year on a 12-month basis, effective April 1, 1974 through June 30, 1974.
3. Increase in salary for Arnold S. Berkman, Associate Professor, Psychiatry and Counseling Center, to \$16,400 per year on a 12-month basis, effective February 1, 1974.
4. Increase in salary for Gwen Andrew, Professor and Director, Social Work, to \$32,000 per year on a 12-month basis, effective May 1, 1974.
5. Increase in salary for Janet Hughson, Programmer AP-8, Data Processing, to \$10,500 per year on a 12-month basis, effective May 1, 1974.
6. Increase in salary for Eric Nutter, Programmer AP-8, Data Processing, to \$10,500 per year on a 12-month basis, effective May 1, 1974.
7. Increase in salary for Harold Richardson, Programmer AP-8, Data Processing, to \$10,500 per year on a 12-month basis, effective May 1, 1974.
8. Increase in salary for Douglas S. Zatechka, Assistant Coordinator, Advisory Staff AP-14, Residence Hall Programs, Dean of Students, at a salary of \$16,700 per year on a 12-month basis, effective May 1, 1974.

Appointments Appointments

1. Suzann E. Van Develde, County Extension 4-H Youth Agent, Kent County, at a salary of \$11,000 per year on a 12-month basis, effective June 1, 1974.
2. Kusum Patel, Assistant Professor, Food Science and Human Nutrition, at a salary of \$15,000 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
3. Michael A. Porzio, Research Associate, Food Science and Human Nutrition, at a salary of \$8,000 per year on a 12-month basis, effective May 1, 1974 through April 30, 1975.
4. Gunilla Jonson, Assistant Professor, Packaging, at a salary of \$16,000 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
5. William J. Bigoness, Instructor, Management, at a salary of \$2,620 for the period April 1, 1974 through June 30, 1974.
6. Jack L. Hillwig, Instructor, Dean of Communication Arts, at a salary of \$14,000 per year on a 12-month basis, effective September 1, 1974.
7. Larry L. Pontius, Assistant Professor, Advertising, at a salary of \$15,750 per year on a 10-month basis, effective September 1, 1974.
8. Alexandra Finelli, Instructor, Audiology and Speech Sciences, 50% time, at a salary of \$1,260 for the period April 1, 1974 through June 30, 1974.
9. Cassandra L. Book, Instructor, Communication, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1974 through August 31, 1975.
10. Robert Crane Morris, Director, AID Workshops, Communication, at a salary of \$16,000 per year on a 12-month basis, effective May 15, 1974 through August 31, 1974.

A. PERSONNEL CHANGES, continued

May 17, 1974

Appointments, continued

Appointments

11. James Willis Cash, Instructor, Television and Radio, 33% time, at a salary of \$1,000 for the period April 1, 1974 through June 30, 1974.
12. William E. Rice, Adjunct Professor, Counseling, Personnel Services, and Educational Psychology, 10% time, without pay, effective September 1, 1974 through August 31, 1975.
13. Francis X. McKelvey, Assistant Professor, Civil & Sanitary Engineering, at a salary of \$16,000 per year on a 10-month basis, effective September 1, 1974.
14. Herman D. Hughes, Assistant Professor, Computer Science, at a salary of \$16,000 per year on a 10-month basis, effective September 1, 1974.
15. Kathryn M. Kolasa, Assistant Professor, Food Science and Human Nutrition, and Community Medicine, at a salary of \$15,500 per year on a 12-month basis, effective August 15, 1974.
16. Dhirajlal Makdani, Research Associate, Food Science and Human Nutrition, at a salary of \$8,900 per year on a 12-month basis, effective May 1, 1974 through June 30, 1974.
17. Pamela Beth Holcomb, Instructor, Anthropology, 35% time, at a salary of \$3,500 for the period September 15, 1974 through June 30, 1975.
18. Subroto Chatterjee, Research Associate, Biochemistry, at a salary of \$8,500 per year on a 12-month basis, effective May 1, 1974 through April 30, 1975.
19. Bader Siddiki, Research Associate, Biochemistry, at a salary of \$10,900 per year on a 12-month basis, effective May 1, 1974 through April 30, 1975.
20. William P. Bristol, Associate Professor, Human Development, and Assistant Dean, Dean's Office, College of Human Medicine, at a salary of \$36,000 per year on a 12-month basis, effective June 1, 1974.
21. Donald F. Waterman, Associate Professor, Human Development, at a salary of \$33,200 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
22. Andrew M. Michalakakis, Professor, Pharmacology and Medicine, with tenure, at a salary of \$39,000 per year on a 12-month basis, effective July 15, 1974.
23. T. Trevor Singh, Instructor, Medicine, at a salary of \$14,000 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
24. Elizabeth A. Werner, Assistant Professor, Microbiology and Public Health, 50% time, at a salary of \$7,850 per year on a 12-month basis, effective September 1, 1974 through June 30, 1975.
25. Mark W. Hinshaw, Assistant Professor, Psychiatry, at a salary of \$34,650 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
26. Lawrence F. Van Egeren, Associate Professor, Psychiatry, at a salary of \$24,000 per year on a 12-month basis, effective July 1, 1974.
27. Willis B. Anderson, Assistant Clinical Professor, Surgery, var. time, without pay on a 12-month basis, effective July 1, 1974 through June 30, 1975.
28. Walter J. Esselman, Assistant Professor, Surgery, at a salary of \$15,000 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
29. Parviz Samii, Assistant Professor, Surgery, 25% time, at a salary of \$7,800 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
30. Keith Stackhouse, Assistant Professor, Surgery, 25% time, at a salary of \$7,800 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
31. Roscoe V. Stuber, Assistant Clinical Professor, Surgery, var. time, without pay on a 12-month basis, effective July 1, 1974 through June 30, 1975.
32. Edwin S. Woodworth, Assistant Clinical Professor, Surgery, var. time, without pay on a 12-month basis, effective July 1, 1974 through June 30, 1975.
33. Mary Lee Brady, Assistant Professor, Health Services Education and Research and Human Development, at a salary of \$18,800 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
34. Bonnie Eftaxiadis, Instructor, Health Services Education and Research, at a salary of \$12,800 per year on a 12-month basis, effective April 8, 1974 through June 30, 1974.
35. Bonnie Eftaxiadis, Instructor, Health Services Education and Research, at a salary of \$12,800 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
36. Kenneth L. Kosanke, Research Associate, Chemistry and Cyclotron, at a salary of \$10,000 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.

A. PERSONNEL CHANGES, continued

May 17, 1974

Appointments

Appointments, continued

37. William Waller, Research Associate, Chemistry, 50% time, at a salary of \$350 per month on a 12-month basis, effective May 1, 1974 through April 30, 1975.
38. Richard Merritt, Assistant Professor, Entomology, at a salary of \$14,750 per year on a 12-month basis, effective July 15, 1974.
39. Helmut Riedl, Research Associate, Entomology, at a salary of \$12,500 per year on a 12-month basis, effective April 1, 1974 through March 31, 1975.
40. Lawrence Litt, Research Associate, Physics, at a salary of \$1,125 per month on a 12-month basis, effective May 1, 1974 through August 31, 1974.
41. Lawrence Litt, Assistant Professor, Physics, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1974 through August 31, 1977.
42. S. D. Mahanti, Assistant Professor, Physics, at a salary of \$14,300 per year on a 10-month basis, effective September 1, 1974.
43. Walter K. Brockington, Clinical Assistant Professor, Family Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
44. Quincy A. Johnson, Clinical Assistant Professor, Family Medicine, var. time without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
45. Julius Stephen Nesbit, Associate Professor, Family Medicine, at a salary of \$30,000 per year on a 12-month basis, effective April 1, 1974.
46. Robert B. Breckenfeld, Clinical Instructor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
47. Lester Eisenberg, Clinical Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
48. Herbert O. Feldman, Clinical Associate Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
49. Raymond F. Gadowski, Clinical Assistant Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
50. Gary A. Gramm, Clinical Instructor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
51. Eugene M. Johnson, Clinical Associate Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
52. Michael T. Keefe, Clinical Instructor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
53. Ronald H. Lagerveld, Clinical Assistant Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
54. Richard A. Margoles, Clinical Associate Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
55. Harvey G. Roth, Clinical Assistant Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
56. John D. Sellers, Clinical Assistant Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective April 1, 1974 through June 30, 1974.
57. Robert D. Pursley, Instructor, Criminal Justice, at a salary of \$13,500 per year on a 10-month basis, effective September 1, 1974.
58. Harry Pachon, Assistant Professor, Urban and Metropolitan Studies, at a salary of \$16,000 per year on a 12-month basis, effective July 1, 1974.
59. Gordon A. Campbell, Research Associate, Physiology, at a salary of \$7,750 per year on a 12-month basis, effective April 1, 1974 through March 31, 1975.
60. James G. Cunningham, Associate Professor, Physiology and Small Animal Surgery and Medicine, at a salary of \$21,000 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.
61. Frank A. Kutyna, Research Associate, Physiology, at a salary of \$10,000 per year on a 12-month basis, effective April 1, 1974 through August 31, 1974.
62. John J. Lammerding, Instructor (Resident), Small Animal Surgery and Medicine, at a salary of \$10,000 per year on a 12-month basis, effective July 1, 1974 through June 30, 1975.

A. PERSONNEL CHANGES, continued

May 17, 1974

Appointments, continued

Appointments

63. James V. Stoneman, Associate Professor, Institutional Research, at a salary of \$19,525 per year on a 12-month basis, effective July 1, 1974.
64. Patrick Fritz Miller, Specialist and Assistant Basketball Coach, Intercollegiate Athletics, at a salary of \$8,000 per year on a 10-month basis, effective April 1, 1974 through March 31, 1975.
65. Ronald Chismar, Specialist and Assistant Football Coach, Intercollegiate Athletics, at a salary of \$16,000 per year on a 12-month basis, effective June 1, 1974 through May 31, 1975.

On motion by Trustee Huff, seconded by Trustee Stevens, it was unanimously voted to approve the Resignations, Leaves, Transfers and Changes in Assignment, Salary Changes, and Appointments.

Academic Promotions

Promotions

The following promotions are recommended to be effective July 1, 1974:

1. TO PROFESSOR

Agriculture and Natural Resources

John W. Allen	Agricultural Economics;
	Marketing and Transportation Administration
Larry J. Connor	Agricultural Economics
Richard T. Hartwig	Agricultural Economics
George E. Merva	Agricultural Engineering
Robert J. Deans	Animal Husbandry
Loran L. Bieber	Biochemistry
Bernard D. Knezek	Crop and Soil Sciences
Donald P. Penner	Crop and Soil Sciences
Gerhardt Schneider	Forestry; Fisheries and Wildlife
Alan R. Putnam	Horticulture
Eugene F. Dice	Park and Recreation Resources;
	Resource Development
Donald Polin	Poultry Science
Irving R. Wyeth	Institute of International Agriculture

Arts and Letters

Noah Alonso	Art
Victor M. Howard	English
Harold G. Marcus	History; African Studies Center
Ronald Suter	Philosophy
Juan A. Calvo	Romance Languages

Communication Arts

W. Cameron Meyers	Journalism
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Education

Lulu J. Alonso	Elementary and Special Education
Bruce D. Cheney	Elementary and Special Education
Maryellen McSweeney	Counseling, Personnel Services and
	Educational Psychology
Andrew C. Porter	Counseling, Personnel Services and
	Educational Psychology
Philip L. Reuschlein	Health, Physical Education and Recreation
Donald H. Nickerson	School for Advanced Studies

Engineering

George A. Coulman	Chemical Engineering; Engineering Research
Merle C. Potter	Mechanical Engineering
Ronald C. Rosenberg	Mechanical Engineering

Human Ecology

Verna L. Hildebrand	Family and Child Sciences; Family Ecology
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Human Medicine

Fritz M. Rottman	Biochemistry
David J. Kallen	Human Development
David S. Greenbaum	Medicine; Office of Medical Education
	Research and Development
Tai Akera	Pharmacology

A. PERSONNEL CHANGES, continued

May 17, 1974

Promotions

Academic Promotions, continued

1. TO PROFESSOR, continued

Justin Morrill College

Sandra A. Warden

Lyman Briggs College

Howard H. Hagerman

Natural ScienceWilliam E. Wallner
Thomas A. Vogel
Coleman P. WolkEsther M. McGregor
Gerard M. Crawley
Jack Hetherington
Jack R. Hoffert
Dennis C. GillilandOsteopathic Medicine+Larry L. Bunnell
+Donald E. Waite
+Bert M. BezSocial ScienceJeanne E. Gullahorn
Mark E. Rilling
Peter K. ManningUniversity CollegeHarold W. Currie
Bruce Curtis
Stephen Elliston
Surjit S. Dulai
Robert L. Bradley
Oscar TaboadaVeterinary Medicine

W. Richard Dukelow

Robert L. Michel

Miscellaneous

Charles A. McKee

2. TO ASSOCIATE PROFESSOR

Agriculture and Natural Resources+Robert H. Wilkinson
+David R. Hawkins
+Robert A. Ronzio
Lawrence Copeland
+James R. Kirk
+Wayne L. Myers
+Hugh C. PriceArts and LettersJames L. Adley
Irving Z. Taran
+John A. Alford
+James C. Stalker
#Heinz J. Dill
+David C. Bailey
#Stanley J. Chojnacki
Seok C. Song

#Walter F. Verderber

+Gains Tenure
#Tenure 9-1-74Entomology
Geology
MSU/AEC Plant Research Laboratory;
Botany and Plant Pathology
Nursing
Physics
Physics
Physiology
Statistics and ProbabilityFamily Medicine
Family Medicine
Osteopathic MedicinePsychology
Psychology
Sociology; PsychiatryAmerican Thought and Language
American Thought and Language
American Thought and Language
Humanities
Natural Science
Natural ScienceCenter for Laboratory Animal Resources;
Physiology; Animal Husbandry
Pathology

University Extension; Evening College

Agricultural Engineering
Animal Husbandry
Biochemistry
Crop and Soil Sciences
Food Science and Human Nutrition
Forestry
HorticultureArt
Art
English
English; English Language Center
German and Russian
History
History
Linguistics and Oriental and African
Languages
Music

A. PERSONNEL CHANGES, continued

May 17, 1974

Promotions

Academic Promotions, continued2. TO ASSOCIATE PROFESSOR, continuedArts and Letters, cont.

#Ralph J. Votapek
 Leona S. Witter
 +Martin Benjamin
 Bruce L. Miller

Music
 Music
 Philosophy
 Philosophy

Business

+Melvin C. O'Connor
 #David I. Verway
 +Mark L. Ladenson
 +Walter C. Hamner

Accounting and Financial Administration
 Bureau of Business and Economic Research
 Economics
 Management

Communication Arts

+Joseph Woelfel
 +Maurice R. Cullen

Communication
 Journalism

Education

+Bill L. Bowman
 +Banks T. Bradley
 +Charles L. Jackson

Elementary and Special Education
 Teacher Education
 Teacher Education

Engineering

K. N. Subramanian

Metallurgy, Mechanics and Materials Science

Human Ecology

Demetra Mehas
 +Holly L. Schrank

Human Environment and Design
 Human Environment and Design

Human Medicine

+Clifton W. Smith
 +Theresa B. Haddy
 +Fred Matthies
 +Earl W. Campbell
 +T. Bernardez-Bonesatti

Anatomy
 Human Development
 Human Development
 Medicine
 Psychiatry

Justin Morrill College

+Barbara W. Ward

Lyman Briggs College

+Peter D. Asquith
 Philip T. Shepard

Lyman Briggs; Philosophy
 Lyman Briggs; Philosophy

Natural Science

#Joseph M. Vargas
 +Maurice V. Wiese
 +Donald C. Cress
 #Marshall D. Hestenes
 +Joel H. Shapiro
 #M. Louise Brouillette
 #Irene L. Lynch
 #Dorothea Milbrandt
 +Horace Z. Ma
 +Wayne W. Repko
 +Martin Hetherington

Botany and Plant Pathology
 Botany and Plant Pathology
 Entomology
 Mathematics
 Mathematics
 Nursing
 Nursing
 Nursing
 Physics
 Physics
 Science and Mathematics Teaching Center;
 Secondary Education and Curriculum
 Zoology

+James H. Asher

Osteopathic Medicine

+Allen W. Jacobs
 +Donald C. Tavano
 +Shirley M. Johnson
 +Abigail B. Sher

Anatomy
 Community Medicine
 Family Medicine
 Office of Medical Education Research and
 Development
 Office of Medical Education Research and
 Development

+Howard S. Teitelbaum

+Gains Tenure
 #Tenure 9-1-74

A. PERSONNEL CHANGES, continued

May 17, 1974

Promotions

Academic Promotions, continued2. TO ASSOCIATE PROFESSOR, continuedSocial Science

+David L. Wessel

Psychology

University College

+Eric S. Lunde

Patricia D'Itri

+Charles Eberly

#James M. Decker

Karl C. Carter

Patricia Gage

Dorothy H. Niimoto

American Thought and Language

American Thought and Language

Evaluation Services

Humanities

Natural Science

Natural Science

Natural Science

Veterinary Medicine

+Wayne D. Oxender

Large Animal Surgery and Medicine;

Dairy Science

+Leland F. Velicer

Microbiology and Public Health

+Jeffrey F. Williams

Microbiology and Public Health

+Thomas Tobin

Pharmacology

Gretchen Flo

Small Animal Surgery and Medicine

Miscellaneous

+Allan J. Abedor

Instructional Development Service;

Secondary Education and Curriculum

+Charles A. Bassos

Counseling Center

+Gloria S. Smith

Counseling Center

+James G. Williams

Counseling Center; Psychology

3. TO ASSISTANT PROFESSORArts and Letters

Donna J. Arnink

Theatre

Human Ecology

Alberta M. Dobry

Family Ecology;

Secondary Education and Curriculum

James Madison College

Douglas Hoekstra

Natural Science

Suzanne Brouse

Nursing

Osteopathic Medicine

Bonnie J. Fons

Family Medicine; Nursing

Tenure Actions

Tenure Recommendations

The following actions are recommended by the departmental chairmen and the deans in accordance with the tenure rules:

1. Associate Professors who acquire tenure with the reappointment, effective September 1, 1975:

Robert H. Rasche

Lois Ann Bader

Casmer F. Heilman

Peggy L. Miller

Eileen M. Earhart

Albert W. Sparrow

Thomas J. Cinque

Sandra A. Daugherty

Economics

Elementary and Special Education

Secondary Education and Curriculum

Secondary Education and Curriculum

Family and Child Sciences

Human Development

Medicine

Medicine; Health Services Education and Research

Obstetrics, Gynecology and Reproductive

Biology; Medical Education Research and

Development

Entomology

Geology

Biomechanics

Dean's Office, Osteopathic Medicine

Family Medicine

Gerald B. Holzman

Gerald Hooper

Bang-Yen Chen

Richard M. Roppel

J. Langdon Taylor, Jr.

Gerald L. Simmers

+Gains Tenure

#Tenure 9-1-74

A. PERSONNEL CHANGES, continued

May 17, 1974

Tenure Recommendations, continued

Tenure Actions

1. Associate Professors who acquire tenure with reappointment, continued

Zolton A. Ferency	Criminal Justice
James L. Zacks	Psychology
N. Edward Robinson	Physiology;
	Large Animal Surgery and Medicine
Donald R. Howard	Small Animal Surgery and Medicine

2. Assistant Professors who acquire tenure with the reappointment effective September 1, 1975:

Clyde R. Trupp	Crop and Soil Sciences
Peter D. Levine	History
Dale Lynn Bartlett	Music
Winston A. Wilkinson	Philosophy
Leonard J. Rahilly	Romance Languages
Maurice D. Weinrobe	Economics
Robert J. Moon	Microbiology and Public Health
Donn L. Anderson	Urban Planning and Landscape Architecture
Joyce Ladenson	American Thought and Language
Joseleyne S. Tien	American Thought and Language
George P. Merk	Natural Science
Robert W. Bull	Center for Laboratory Animal Resources;
	Medicine; Surgery
Delbert J. Krahwinkel	Small Animal Surgery and Medicine

3. Second probationary appointment as Assistant Professor for three years from September 1, 1975:

Derek R. Byerlee	Agricultural Economics
*Collette H. Moser	Agricultural Economics
Thomas R. Pierson	Agricultural Economics
Leanna Stiefel	Agricultural Economics; Economics
John B. Gerrish	Agricultural Engineering
Dale E. Linvill	Agricultural Engineering
John F. Holland	Biochemistry
Herbert F. Bucholtz	Dairy Science
Russel W. Erickson	Dairy Science
Ivan L. Mao	Dairy Science
Roger W. Mellenberger	Dairy Science
Ray J. White	Fisheries and Wildlife
Ralph P. Ofcarcik	Food Science and Human Nutrition
James E. Motes	Horticulture
Ronald L. Spangler	Horticulture
Daniel A. Bronstein	Resource Development
Alfred C. Goodson	English
Lee A. Johnson	English
Evan P. Watkins	English
Richard E. Walker	German and Russian
Jon E. Baisch	Theatre
Steven C. Dilley	Accounting and Financial Administration
Paul B. Ginsburg	Economics; Community Medicine
Gilbert D. Harrell	Marketing and Transportation Administration
Charles R. Mauldin	Advertising
Patricia P. Bainbridge	Audiology and Speech Sciences
John D. Abel	Television and Radio
Sheila M. Fitzgerald	Elementary and Special Education
Vivian M. Stevenson	Elementary and Special Education
Willis Baker	Health, Physical Education and Recreation
Lorne H. Olson	Health, Physical Education and Recreation
Henrietta L. Barnes	Teacher Education
Roger C. Niemeyer	Teacher Education
Ted S. Vinson	Civil and Sanitary Engineering
Erik D. Goodman	Electrical Engineering and Systems Science;
	Engineering Research
Patricia M. Tengel	Family Ecology
Wanda L. Chenoweth	Food Science and Human Nutrition;
	Community Medicine
Gloria M. Lew	Anatomy
William P. Drescher	Health Services Education and Research
Chi-Pang Wen	Health Services Education and Research;
	Human Development
Ralph C. Gordon	Human Development;
	Microbiology and Public Health
John T. Parmeter	Medical Education Research and Development
Janice A. Lindstrom	Medicine; Human Development
J. Fletcher Murphy	Medicine

* Effective 9-1-74

A. PERSONNEL CHANGES, continued

May 17, 1974

Tenure Actions

Tenure Recommendations, continued

3. Second probationary appointments as Assistant Professor, continued

Janice L. Stickney	Pharmacology
George J. Grega	Physiology
Franklin F. Laemmlen	Botany and Plant Pathology
Donald C. Ramsdell	Botany and Plant Pathology
Robert I. Cukier	Chemistry
Ramamohan L. Tummala	Entomology;
	Electrical Engineering and Systems Science
Robert S. Carmichael	Geology
Joy H. Curtis	Nursing
Donald L. Beaver	Zoology
Maurice H. Gibson	Anatomy
Marek B. Zaleski	Anatomy
Celia B. Guro	Dean's Office, Osteopathic Medicine
Richard B. Baldwin	Family Medicine
Russell G. Gamber	Family Medicine
Ronald J. Patterson	Microbiology and Public Health
Robert P. Pittman	Physiology
Leonard G. Robbins	Zoology
Jack F. Williams	Geography
Russell L. Dore	Labor and Industrial Relations
William H. Baugh	Political Science
Kent J. Chabotar	Political Science
Robert W. Jackman	Political Science
Charles D. Johnson	Psychology
Christopher Vanderpool	Sociology
John Burroughs	Urban Planning and Landscape Architecture
Michael R. Hodges	Urban Planning and Landscape Architecture
Angela C. Elliston	American Thought and Language
Nancy H. Pogel	American Thought and Language
J. Morgan Sweeney	Humanities
William M. Bridgeland	Social Science
Eric V. A. Winston	Dean's Office, Urban Development
Joe T. Darden	Urban and Metropolitan Studies; Geography
Maxie C. Jackson	Center for Urban Affairs;
	Urban and Metropolitan Studies
Leonard A. Gideon, Jr.	Large Animal Surgery and Medicine; Surgery;
	Agricultural Experiment Station
Chilecampalli Reddy	Microbiology and Public Health;
	Animal Husbandry
Janver D. Krehbiel	Pathology
Joseph G. Rossmeier	Institutional Research
Thomas U. Foster	Instructional Media Center;
	Secondary Education and Curriculum
Curtis J. McCarty	Instructional Media Center;
	Secondary Education and Curriculum
Richard W. Hill	Museum; Zoology
Imogen C. Bowers	Counseling Center
Richard K. Russell	Counseling Center

4. Third probationary appointment as Instructor for a period of three years from September 1, 1975:

Jeanne E. Brown	Family and Child Sciences
Gail L. Imig	Family and Child Sciences;
	Cooperative Extension Service
Joanne M. Thurber	Human Environment and Design
Sharon Dimmer	Nursing
Karen E. Galloway	Nursing
Ronald J. Peters	Labor and Industrial Relations
Sara G. Gorman	American Thought and Language
James E. Seaton	Humanities
Lawrence C. Besaw	Natural Science
Dallas O. Goble	Large Animal Surgery and Medicine
Gary L. Blanchard	Small Animal Surgery and Medicine
Arthur T. Evans	Small Animal Surgery and Medicine
Senga K. Knupp	Intramural Sports and Recreative Services

5. Second probationary appointment as Instructor for a period of two years from September 1, 1975:

David I. Johnson	Fisheries and Wildlife
Melvin T. Peters	English
Barbara McKenzie	Health, Physical Education and Recreation;
	Intercollegiate Athletics
Nancy W. Axinn	Family Ecology
Jean R. Page	Family Ecology
Doris S. Miller	Medical Technology
Patricia E. Gardner	Pathology

A. PERSONNEL CHANGES, continued

May 17, 1974

Tenure Recommendations, continued

Tenure Actions

5. Second probationary appointment as Instructor, continued

Kenneth E. Christian	Criminal Justice
David B. Kalinich	Criminal Justice
Edward M. McAleer	University Extension
Duane M. Tester	University Extension
Anne E. Golseth	Vice President for Student Affairs; Administration and Higher Education

6. The following deviations from the tenure rules are recommended:

- (a) One year extension of current appointment from September 1, 1974 to August 31, 1975:

Donald W. Bradley	Urban Planning and Landscape Architecture
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- (b) One year extension of current appointment from September 1, 1975 to August 31, 1976:

John F. Sullivan	Labor and Industrial Relations
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On motion by Trustee Thompson, seconded by Trustee Merriman, it was unanimously voted to approve the promotions and the tenure actions.

Personnel RecommendationsPersonnel
Recommendations

1. Reclassify a Clerk Stenographer III to a Departmental Secretary V position for District Extension Consumer Marketing Information Agents, Cooperative Extension Service
2. Reclassify a Senior Clerk-Stenographer V to a Senior Departmental Secretary VII position for Agricultural Economics
3. Reclassify a Principal Clerk VI to a Senior Departmental Secretary VII position for Dairy Science
4. For Horticulture:
 - a. Reclassify a Senior Horticulture Technician IX to a Supervisor Research AP-10 position
 - b. Reclassify a Principal Clerk VI to a Senior Departmental Secretary VII position
5. Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position for the Department of Art
6. For the Dean's Office, College of Education:
 - a. Reclassify a Principal Clerk VI to an Office Assistant VII position
 - b. Reclassify a Senior Clerk IV to a Senior Clerk Typist V position
7. For the Office of the Dean, College of Human Medicine:
 - a. Establish an Administrative Assistant I AP-8 position
 - b. Establish a Senior Departmental Secretary VII position
8. For the Department of Medicine:
 - a. Reclassify a Clinic Nurse IX to a Nurse Clinician AP-9 position
 - b. Establish a half-time Staff Nurse AP-7 position
9. Establish a Departmental Secretary V position for Obstetrics, Gynecology and Reproductive Biology
10. Reclassify an Executive Secretary VIII to an Office Supervisor IX position for the Department of Biophysics
11. For the School of Nursing:
 - a. Reclassify a Senior Clerk IV to a Departmental Secretary V position
 - b. Reclassify a Clerk-Typist II to a Departmental Secretary V position
12. Reclassify a Senior Clerk Stenographer V to a Principal Clerk VI position for Off Campus Credit Extension, Continuing Education
13. Reclassify a Senior Departmental Secretary VII to an Office Assistant VIII position for Radio Broadcasting
14. Reclassify a Clerk Typist II to a Departmental Secretary V position for the Libraries
15. Reclassify a Senior Departmental Secretary VII to a Research Assistant VIII position for the Office of Institutional Research
16. Establish a Senior Cinematographer AP-10 position for the Instructional Media Center
17. Reclassify an Executive Secretary VIII to an Office Assistant IX position for the Executive Vice President and Secretary
18. Establish an Accountant AP-10 position for the Vice President for Business and Finance
19. Reclassify an Office Assistant X to a Supervisor Risk Insurance AP-9 position for the Comptroller
20. For Food Stores:
 - a. Reclassify an Assistant Manager Food Stores/Purchasing from an AP-9 to an AP-11 position
 - b. Reclassify an Assistant Manager Food Stores/Administration from an AP-9 to an AP-11 position
 - c. Reclassify an Assistant to the Manager Food Stores from an AP-9 to an AP-11 position
21. Reclassify a Senior Clerk IV to a Departmental Secretary V position for Purchasing
22. Reclassify 2 Assistant Supervisor VIII to Supervisor IX positions for the Messenger Service

A. PERSONNEL CHANGES, continued

May 17, 1974

Personnel
RecommendationsPersonnel Recommendations, continued

23. For Physical Plant:
 - a. Reclassify an Associate Engineer to an Engineer II AP-12 position and transfer from the hourly to the salary payroll
 - b. Reclassify a Computer Programmer XI to a Programmer AP-8 position and transfer from the hourly to the salary payroll
 - c. Transfer a Principal Clerk VI position from the hourly to the salary payroll
 - d. Transfer a Departmental Secretary V position from the hourly to the salary payroll
 - e. Transfer a Data Preparation Operator V position from the hourly to the salary payroll
24. For the Office of Financial Aids:
 - a. Reclassify a Clerk-Stenographer III to a Senior Clerk-Stenographer V position
 - b. Reclassify a Senior Clerk IV to a Senior Clerk-Stenographer V position
 - c. Reclassify a Clerk-Typist II to a Senior Clerk-Stenographer V position
25. Reclassify a Student Services Assistant AP-9 to an Assistant Coordinator, Advisory Staff AP-14 position for the Division of Residence Halls, Vice President for Student Affairs

Motion was made by Trustee Huff, seconded by Trustee Martin, to approve the Personnel Recommendations. Unanimously carried.

Retirements

Retirements

- | | |
|-----------------|--|
| Gladys M. Boyer | 1. Retirement of Gladys M. Boyer, Senior Departmental Secretary, University Farms, effective July 1, 1974. Miss Boyer was born July 8, 1908 and has been employed by the University since January 8, 1932. |
| Dorothy R. Ross | 2. One-year consultantship with agreed-upon duties and responsibilities for Dorothy R. Ross, Professor, Counseling Center, from July 1, 1975 through June 30, 1976 and retirement as Professor Emeritus effective July 1, 1976. Professor Ross was born January 31, 1908 and has been a member of the faculty since July 1, 1950. |
| Paul V. Rumpsa | 3. Retirement of Paul V. Rumpsa, Comptroller, Office of the Vice President for Business and Finance, effective July 1, 1978 on the basis of more than 25 years of service to the University. Mr. Rumpsa was born May 10, 1917 and has been employed by the University since July 15, 1937. |
| R. Keith Stein | 4. One-year consultantship with agreed-upon duties and responsibilities for R. Keith Stein, Professor, Department of Music, from July 1, 1974 through June 30, 1975, and retirement as Professor Emeritus effective July 1, 1975. Professor Stein was born July 10, 1908 and has been a member of the faculty since September 1, 1934. |

On motion by Trustee Merriman, seconded by Trustee Thompson, it was unanimously voted to approve the Retirements.

Deaths

Deaths

1. Report of the death of William A. Frost on April 14, 1974. Mr. Frost was born November 22, 1879, was employed by the University on August 1, 1917, and was employed in the Horticulture Department at the time of his retirement June 30, 1945.
2. Report of the death of Maurice Larian on April 17, 1974. Mr. Larian was born December 18, 1900, was employed by the University on February 1, 1936, and was a Professor in Chemical Engineering at the time of his retirement July 1, 1971.
3. Report of the death of Charles Adams, Press Operator, University Printing, on April 30, 1974. Mr. Adams was born April 28, 1950 and had been employed by the University since January 3, 1973.
4. Report of the death of Helen Berner, Building Service Worker, Housing and Food Services, on May 7, 1974. Miss Burner was born September 17, 1917 and had been employed by the University since August 12, 1963.

Gifts and
GrantsB. GIFTS AND GRANTS

1. Gift of several lithographs, woodcuts, and a poster with a total value of \$7,295 from Harriet Griffin, New York, N.Y., to be added to the permanent collection in the Kresge Art Gallery.
2. Gift of 2 Tripod Vases from Linea Viego, Costa Rica, 500-1000 A.D., valued at \$1,300 from Cedric H. Marks, New York, N.Y., to be added to the MSU Collection in the Kresge Art Gallery.
3. Gift of a power supply valued at \$568 from the National Science Foundation to be used for research under the direction of Fritz M. Rottman in Biochemistry.
4. Gift of 2 ACFT mechanical clocks valued at \$298 from the Office of Naval Research, ONR Resident Representative, Ann Arbor, to be used for research under the direction of Rodney Houlihan in Osteopathic Medicine.
5. Gift of an audio patient monitor valued at \$150 from Dalco Medical Products, Inc., Havre deGrace, Maryland, to be used by students and faculty in the Department of Small Animal Surgery and Medicine.

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6. Gift of a painting titled "Something Old, Something New" valued at \$150 from Hillary C. Burns, East Lansing, to be hung in the bride's room at the Alumni Memorial Chapel.
7. Grants to be used for scholarship purposes as follows:
 - a. \$2,000 from the Independent Grocers' Alliance Distributing Co., Chicago, for the Glenn R. Curtis IGA Scholarship; \$1,500 for the student and \$500 for the administration of the Food Systems Economics and Management Program
 - b. \$50 from Mrs. Joanne Davis, Lansing, as a contribution to the College of Human Medicine Scholarship Fund
 - c. \$100 from various donors to establish a scholarship fund for osteopathic medicine students
 - d. \$2,240 from the U.S. Department of Justice, Washington, D.C., to be used for criminal justice internship stipends
 - e. \$100 from Mildred B. Erickson, East Lansing, as a contribution to the Mildred B. Erickson Fellowship for Mature Women
 - f. \$10,000 from the Eclectic Society Association, East Lansing, the money to be invested and the interest used as a scholarship for undergraduate students chosen by the Office of Financial Aids
 - g. \$61.20 from D. C. Heath & Co., Lexington, Mass., as a contribution to the Manpower Studies Scholarship Fund
 - h. Unrestricted grants:
 - \$10 from Matthew J. Cotellesse, Lincoln Park, Michigan
 - \$33.33 from The Maytag Co. Foundation, Inc., Newton, Iowa
8. Grants as follows to the MSU Development Fund:
 - a. \$725 from various donors to establish the Michigan State Cooperative Tree Improvement Program
 - b. For the Art Department, Brauner-Church account:
 - \$32.50 from Robert S. Alexander, Okemos
 - \$67.50 from Howard Church, East Lansing
 - \$425 from Hendy Tool & Eng.
 - c. \$100 from Lois A. Lund, East Lansing, for an award in honor of retired Assistant Dean Rosalie Mentzer
 - d. \$883.73 from various donors to be deposited in the Dean's Discretionary Fund, College of Natural Science, for the Chemistry Department for books and printing expenses
 - e. \$812.76 from various donors to be deposited in the Dean's Discretionary Fund, College of Natural Science, for the Zoology Department in memory of Charles S. Thornton
 - f. \$100 from Antonio M. Porter, Detroit, for the Michigan Osteopathic Society Long Term Loan Fund
 - g. \$1,000 from Edward E. Rothman, Bloomfield Hills, for the Abrams Planetarium
 - h. For the Intramural Sports account:
 - \$15 from Yung K. Choo, East Lansing
 - \$100 from Seong H. Chi, Lansing
 - \$50 from Donald K. Pokorny, Grosse Pointe Woods
 - i. \$100 from Mr. and Mrs. George Petroff, Lansing, for the Spartan Baseball Program
 - j. For the MSU Fencing Team:
 - \$25 from Michael D. Atchison, Arlington, Mass.
 - \$25 from Arthur Young Foundation as a matching gift
 - k. For the Football Bust:
 - \$100 from Hannibal S. Abood, East Lansing
 - \$100 from F. M. Malott, East Lansing
 - \$3,000 from Erickson & Lindstrom Construction Co., Flint
 - l. \$100 from Dr. and Mrs. Charles H. Weber, Fort Wayne, Ind., for football
 - m. \$100 from Troy D. Campbell, Memphis, Tenn., for golf team expenses
 - n. \$360 from various donors for the Hockey Reunion Room
 - o. \$100 from Archie Fuller, Lansing, for the Women's Swim Team
 - p. \$50 from Lawrence H. Berger, Philadelphia, Pa., for LaCrosse
 - q. \$25 from Richard K. Roberts, Ypsilanti, for tennis
 - r. \$25 from Robert L. McClelland, Orchard Lake, for track
 - s. \$500 from Richard D. Ernst, Bloomfield Hills, for medals and trophies for the Spartan Journal Relays
 - t. \$1,000 from Allis-Chalmers, Milwaukee, Wis., for the Purchasing Development Fund
 - u. \$100 from Charles Klemkosky, Midland, for the Julie Klemkosky Memorial Fund
9. Grant of \$5,298 from County of Genesee, Commissioners, Flint, Michigan, to be used under the direction of G. E. Guyer in the Cooperative Extension Service to cover part of the salaries of additional Extension Agents assigned to Genesee County for the period January 1, 1974 through June 30, 1974.
10. Grant of \$3,500 from County of Kalamazoo, Commissioners, Kalamazoo, Michigan, to be used under the direction of G. E. Guyer in the Cooperative Extension Service to cover part of the salary of a second Extension Agent assigned to Kalamazoo County for the period of January 1, 1974 through December 31, 1974.
11. Grant of \$1,748 from County of Mecosta, Commissioners, Big Rapids, Michigan, to be used under the direction of G. E. Guyer in the Cooperative Extension Service to cover part of the salary of an additional Extension Agent assigned to Mecosta County for the period January 1, 1974 through December 31, 1974.

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12. Grant of \$10,100 from County of Washtenaw, Commissioners, Ann Arbor, Michigan, to be used under the direction of G. E. Guyer in the Cooperative Extension Service to cover part of the salary of an additional Extension Agent assigned to Washtenaw for the period January 1, 1974 through June 30, 1974.
13. Grant of \$2,000 from Abbott Laboratories, North Chicago, Illinois, to be used under the direction of H. Riley in the Department of Agricultural Economics to evaluate the economics of paper and paperboard shortage as it concerns a pharmaceutical manufacturing system.
14. Grant of \$500 from Michigan Potato Industry Commission, Lansing, Michigan, to be used under the direction of H. Riley in the Department of Agricultural Economics to conduct a study of the organizational interrelationships between members and the administrative group of the Michigan Potato Industry Commission.
15. Grant of \$121,160 from Michigan State Employment Security Commission, Detroit, Michigan, to be used under the direction of J. H. Booth in the Department of Agricultural Economics to improve manpower services in rural areas, especially in communities not located near offices of the State Employment Services, to plan a manpower inventory of skills and employment experiences of local residents.
16. Grant of \$703,042 from Republic of Korea, Seoul, Korea, to be used under the direction of G. E. Rossmiller in the Department of Agricultural Economics to render assistance to Korea for the purpose of carrying out a program in an analysis for agricultural planning, outlook, policy formulation program development for more effective development of the agricultural sector.
17. Grant of \$13,864 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. A. Wood in the Department of Biochemistry as training grant for pre-doctoral study in biochemistry.
18. Grant of \$3,500 from National Science Foundation, Washington, D.C., to be used under the direction of J. Dye and C. Suelter in the Department of Biochemistry and the Department of Chemistry to study aspects of Enzyme Catalysis -- Structural and Functional Relationships of Monovalent Cation Activated Enzymes.
19. Grant of \$500 from Diamond Shamrock Corporation, Painesville, Ohio, to be used under the direction of D. C. Ramsdell in the Department of Botany and Plant Pathology to help defray costs incurred in the testing of Diamond Shamrock fungicides and others in grapes for disease control.
20. Grant of \$150 from Diamond Shamrock Corporation, Cleveland, Ohio, to be used under the direction of M. L. Lacy in the Department of Botany and Plant Pathology to evaluate the performance of Bravo fungicide on two vegetable crops.
21. Grant of \$250 from Great Lakes Chemical Company, West Lafayette, Indiana, to be used under the direction of D. C. Ramsdell in the Department of Botany and Plant Pathology to help defray expenses incurred in the evaluation of growth and yield of strawberries planted into variously fumigated ground at two locations in Michigan.
22. Grant of \$3,000 from the Michigan Association of Cherry Producers, East Lansing, Michigan, to be used under the direction of A. L. Jones in the Department of Botany and Plant Pathology to develop improved methods for the brown rot disease of cherries.
23. Grant of \$1,500 from Penwalt Corporation - Agchem-Decco Agricultural Technology, Monrovia, California, to be used under the direction of E. J. Klos in the Department of Botany and Plant Pathology to study the fungicidal activity of Thiophanate methyl on major tree fruit diseases.
24. Grant of \$1,800 from Amoco Oil Company, Whiting, Indiana, to be used under the direction of D. Christenson in the Department of Crop and Soil Sciences to study the effect of time and rate of ACA application on yield and protein content of corn grain and silage, nutrient uptake by corn leaves and amount of brace root development.
25. Grant of \$500 from BASF Wyandotte Corporation, Parsippany, New Jersey, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to continue studies of 3512-H as a postemergence application for weed control in soybeans and corn.
26. Grant of \$500 from J. P. Burroughs & Sons, Inc., Saginaw, Michigan, to be used under the direction of D. D. Harpstead in the Department of Crop and Soil Sciences to support existing research programs and supplement state appropriated funds.
27. Grant of \$5,600 from General Foods Corporation, Battle Creek, Michigan, to be used under the direction of D. D. Harpstead in the Department of Crop and Soil Sciences to support existing research programs and supplement state appropriated funds.
28. Grant of \$2,800 from Kellogg Company, Battle Creek, Michigan, to be used under the direction of D. D. Harpstead in the Department of Crop and Soil Sciences to support existing research programs and supplement state appropriated funds.

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29. Grant of \$2,400 from Knappen Milling Company, Augusta, Michigan, to be used under the direction of D. D. Harpstead in the Department of Crop and Soil Sciences to support existing research programs and supplement state appropriated funds.
30. Grant of \$2,000 from Michigan Elevator Exchange, Lansing, Michigan, to be used under the direction of D. D. Harpstead in the Department of Crop and Soil Sciences to support existing research programs and supplement state appropriated funds.
31. Grant of \$1,584 from County Board of Tuscola, Caro, Michigan, to be used under the direction of E. P. Whiteside in the Department of Crop and Soil Sciences to update Tuscola County soil maps and for enlarging maps and reproduction.
32. Grant of \$750 from Diamond Shamrock Corporation, Cleveland, Ohio, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to study the effects of soil applied herbicides on corn and soybeans.
33. Grant of \$11,652.30 from Ingham County Board of Commissioners, Mason, Michigan, to be used under the direction of E. P. Whiteside in the Department of Crop and Soil Sciences for a soil survey for Ingham County not to exceed \$11,652.30, not to exceed \$3,884.10 per year as per contract for billing.
34. Grant of \$7,000 from Michigan Foundation Seed Association, East Lansing, to be used under the direction of E. C. Rossman in the Department of Crop and Soil Sciences to continue present corn breeding research program.
35. Grant of \$1,000 from Ore-Ida Foods, Inc., an affiliate of HJ Heinz Co., Ontario, Oregon, to be used under the direction of N. R. Thompson in the Department of Crop and Soil Sciences to evaluate potato entries.
36. Grant of \$21,850 from U.S. Environmental Protection Agency, Washington, D.C., to be used under the direction of B. G. Ellis in the Department of Crop and Soil Sciences to study nitrate and phosphorus runoff losses from a watershed in the Great Lakes Basin.
37. Grant of \$500 from U. S. Gypsum Company, Des Plaines, Illinois, to be used under the direction of M. L. Vitosh in the Department of Crop and Soil Sciences to evaluate sulphur deficiency in Michigan soils.
38. Grant of \$5,000 from Abbott Laboratories, North Chicago, Illinois, to be used under the direction of E. M. Convey in the Department of Dairy Science to aid our investigations of the role of releasing hormones in growth, lactation and reproduction in cattle.
39. Grant of \$250 from Parke-Davis and Company, Ann Arbor, Michigan, to be used under the direction of H. D. Hafs in the Department of Dairy Science to compare luteinizing hormone standards between laboratories at several universities.
40. Grant of \$20,225 from Consumers Power Company, Jackson, Michigan, to be used under the direction of P. I. Tack in the Department of Fisheries and Wildlife to study the effects of the Ludington Pumped Storage operations as related to fish passage and fish behavioral patterns.
41. Grant of \$5,000 from World Wildlife Fund, Washington, D.C., to be used under the direction of G. A. Petrides in the Department of Fisheries and Wildlife to provide funds for Carl Dietrich Schaaf (Specialist) to make ecological investigation of the endangered Swamp Deer in Nepal and Northern India to determine the present status of the species and to make management recommendations.
42. Grant of \$3,400 from BioQuest Division of Becton Dickinson and Company, Cockeysville, Maryland, to be used under the direction of K. E. Stevenson in the Department of Food Science and Human Nutrition to evaluate a "Microbiological Growth Detector" for use in indicating the growth of food spoilage microorganisms in various foods.
43. Grant of \$42,031 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of A. M. Pearson in the Department of Food Science and Human Nutrition to study the alterations in muscle proteins as a consequence of microbial growth on meat and meat products.
44. Grant of \$500 from BASF Wyandotte Corporation, Parsippany, New Jersey, to be used under the direction of A. R. Putnam in the Department of Horticulture to support on-going research on weed control performance and crop safety with BASF herbicides.
45. Grant of \$1,000 from Diamond Shamrock Corporation, Cleveland, Ohio, to be used under the direction of A. R. Putnam in the Department of Horticulture to support research programs in progress and to evaluate new herbicides.
46. Grant of \$2,000 from EM Laboratories, Inc., Elmsford, New York, to be used under the direction of J. E. Motes in the Department of Horticulture to determine the optimum rate and time of application of Chlorflurenol to pickling cucumber; evaluate Chlorflurenol's effect on brine stock; collect fruit samples for residue analysis.

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47. Grant of \$1,000 from Michigan Wine Institute, Lansing, Michigan, to be used under the direction of G. S. Howell, Jr., in the Department of Horticulture to evaluate new grape cultivars for productivity, economics of production, and wine quality.
48. Grant of \$500 from U.S. Borax Research Corporation, Anaheim, California, to be used under the direction of A. R. Putnam in the Department of Horticulture to support on-going research on herbicides for weed control.
49. Grant of \$1,284 from A. E. Staley Manufacturing Company, Decatur, Illinois, to be used under the direction of J. H. Wolford in the Department of Poultry Science to study inositol interaction with force-fed induced fatty-liver-hemorrhagic syndrome.
50. Grant of \$5,000 from DeSoto, Inc., Des Plaines, Illinois, to be used under the direction of J. W. Goff in the School of Packaging to conduct basic research in the control of loss and damage in distribution.
51. Grant of \$1,500 from Coopers & Lybrand Foundation, Detroit, Michigan, to be used under the direction of G. M. Jones in the Department of Accounting and Financial Administration for faculty development.
52. Grant of \$3,000 from Ernst and Ernst, Detroit, Michigan, to be used under the direction of G. M. Jones in the Department of Accounting and Financial Administration to support departmental professional development activities.
53. Grant of \$100 from Martin E. Zweig, New York, New York, to be used under the direction of G. M. Jones in the Department of Accounting and Financial Administration as a fellowship fund.
54. Grant of \$500 from L. J. Minor Corporation, Cleveland, Ohio, to be used under the direction of R. L. Blomstrom in the School of Hotel, Restaurant, and Institutional Management as a contribution to the Associates of the School of HR&IM Endowment Fund-Principal.
55. Grant of \$1,500 from Paul M. Montrone, Montclair, New Jersey, to be used under the direction of R. F. Gonzalez in the Department of Management to support faculty and graduate student research in organizational behavior and management science.
56. Grant of \$500 from Hollowell Engineering, Dearborn, Michigan, to be used under the direction of R. J. Lewis in the Department of Marketing and Transportation Administration to support the development of the marketing program and faculty at MSU.
57. Grant of \$500 from Magnetic Video Corporation, Farmington Hills, Michigan, to be used under the direction of R. J. Lewis in the Department of Marketing and Transportation Administration to support the development of the marketing program and faculty at MSU.
58. Grant of \$500 from X. I. Industries, Inc., Brighton, Michigan, to be used under the direction of R. J. Lewis in the Department of Marketing and Transportation Administration to support the development of the marketing program and faculty at MSU.
59. Grant of \$3,500 from Detroit Edison Company, Detroit, Michigan, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
60. Grant of \$3,500 from General Telephone and Electronics Foundation, New York, New York, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
61. Grant of \$750 from Lincoln Telephone and Telegraph Company, Lincoln, Nebraska, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
62. Grant of \$440 from various donors to be used under the direction of N. Kagan in the Department of Counseling, Personnel Services and Educational Psychology for Interpersonal Process Recall research.
63. Grant of \$2,500 from Longview Foundation for Education in World Affairs and International Understanding, Inc., Accokeek, Maryland, to be used under the direction of D. Jacobson in the Social Science Teaching Institute to help defray expenses of the Conference on Applied International Education to be held at Kellogg Center.
64. Grant of \$4,200 from School District City of Flint, Flint, Michigan, to be used under the direction of H. Hickey in the Mott Institute for Community Improvement to pay the operational costs of experimental reading program.
65. Grant of \$1,000 from Owens-Illinois - Charities Foundation, Toledo, Ohio, to be used under the direction of G. Van Dusen in the College of Engineering to be used to support Engineering Equal Opportunity Program.
66. Grant of \$29,058 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. W. Little in the Division of Engineering Research to (1) refine the constitutive equation for collagen and elastin; (2) mathematically extend this by composite material mathematical analysis to connective tissue; and (3) study the dynamic response of muscle fibers to develop a constitutive equation.

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67. Grant of \$17,000 from National Science Foundation, Washington, D.C., to be used under the direction of K. Y. Lee in the Division of Engineering Research for (a) the development of the optimal control problem for a distributed parameter system where controls are applied in the coefficient matrices and (b) the application of the resulting control law to the integrated pest management of pest-parasite-plant ecosystems.
68. Grant of \$439 from Office of Child Development - Department of Health, Education and Welfare, Washington, D.C., to be used under the direction of R. P. Boger in the Institute for Family and Child Study as supplementary funds for project grant to study the comparative and combined effects on children's social behavior of social-development programs.
69. Grant of \$10,500 from Michigan Heart Association, Southfield, Michigan, to be used under the direction of G. M. Lew in the Department of Anatomy to study circadian rhythms in norepinephrine in hypertensive rats.
70. Grant of \$36,520 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. W. Wells in the Department of Biochemistry to study metabolism of myoinositol during development.
71. Grant of \$12,000 from Kidney Foundation of Michigan, Ann Arbor, Michigan, to be used under the direction of M. D. Bailie in the Department of Human Development to study the effects of shock on renal function and distribution of cardiac output in the neonatal pig.
72. Grant of \$5,000 from Michigan Department of Public Health, Lansing, Michigan, to be used under the direction of J. Higgins in the Department of Human Development for the purpose of investigating red cell membranes in sickle cell disorders.
73. Grant of \$33,201 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of M. E. Weichsel, Jr., in the Department of Human Development to study hormonal regulation of brain pyrimidine biosynthesis.
74. Grant of \$674.71 from Lansing Regional Blood Center, American Red Cross, Lansing, Michigan, to be used under the direction of G. Tishkoff in the Department of Medicine as an unrestricted grant.
75. Grant of \$10,290 from Michigan Heart Association, Southfield, Michigan, to be used under the direction of J. C. Mattson in the Department of Pathology to study with scanning electron microscopy platelet aggregation reactions with thrombin and collagen including the effects of the specific inhibitors, colchicine and cytochalasin B.
76. Grant of \$10,500 from Michigan Heart Association to be used under the direction of R. M. Daugherty, Jr., in the Department of Physiology to study effects of pharmacological agents on myocardial O₂ delivery utilization and nutritional blood flow during acute infarction and cardiogenic shock.
77. Grant of \$10,000 from Michigan Heart Association to be used under the direction of T. Emerson, Jr., in the Department of Physiology to study mechanisms of death in irreversible endotoxin shock.
78. Grant of \$9,068 from Michigan Heart Association to be used under the direction of F. J. Haddy in the Department of Physiology to study relationship of adenosine and the hydrogen ion to coronary blood flow.
79. Grant of \$8,000 from Michigan Heart Association to be used under the direction of H. W. Overbeck in the Department of Physiology to study pathophysiology of hypertension.
80. Grant of \$7,600 from Michigan Heart Association to be used under the direction of Ching-chung Chou in the Department of Physiology to study the role and mechanism of adenine nucleotides in the regulation of local blood flow.
81. Grant of \$85,872 from National Institutes of Health to be used under the direction of F. J. Haddy in the Department of Physiology to study cardiovascular physiology and pathophysiology.
82. Grant of \$7,894 from Kidney Foundation of Michigan, Ann Arbor, Michigan, to be used under the direction of W. J. Esselman in the Department of Surgery to study problems involved in the initiation of allograft rejection.
83. Grant of \$95,000 from Mathey Bishop Inc., Mulvern, Pa., to be used under the direction of B. Rosenberg in the Department of Biophysics to carry out research on the biological effects of platinum group metal compounds in cancer chemotherapy.
84. Grant of \$1,772 from National Institutes of Health, Washington, D.C., to be used under the direction of J. I. Johnson, Jr., in the Department of Biophysics as a training grant.
85. Grant of \$1,000 from Michigan Blueberry Growers Association, Grand Junction, Michigan, to be used under the direction of D. C. Ramsdell in the Department of Botany and Plant Pathology to help defray research costs incurred in conducting disease control field, laboratory, and greenhouse research in blueberry diseases.

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86. Grant of \$35,000 from National Science Foundation, Washington, D.C., to be used under the direction of E. C. Cantino in the Department of Botany and Plant Pathology to study cell differentiation in blastocladia.
87. Grant of \$29,300 from National Science Foundation, Washington, D.C., to be used under the direction of P. T. Kissinger in the Department of Chemistry to trace analysis by liquid chromatography.
88. Grant of \$116,000 from Atomic Energy Commission, Bethesda, Maryland, to be used under the direction of F. Bernthal and W. McHarris in the Department of Chemistry for general nuclear chemistry research program combining conventional nuclear spectroscopic techniques with on-line spectroscopy and nuclear reactions.
89. Grant of \$31,563 from Atomic Energy Commission, Bethesda, Maryland, to be used under the direction of M. T. Rogers in the Department of Chemistry for electron spin resonance studies of radiation effects.
90. Grant of \$700 from Chevron Chemical Company, Moorestown, New Jersey, to be used under the direction of A. Wells in the Department of Entomology for the evaluation of insecticide.
91. Grant of \$10,000 from United States Department of Agriculture, Washington, D.C., to be used under the direction of F. Stehr in the Department of Entomology to establish two species of cereal leaf beetle.
92. Grant of \$19,800 from Alfred P. Sloan Foundation, New York, to be used under the direction of P. Signell in the Department of Physics to support the preparation of a technology-based course in physics that will serve as a model for further work and for faculty training.
93. Grant of \$10,560 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. L. Sadoff in the Department of Microbiology and Public Health for research training in general microbiology.
94. Grant of \$33,427 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of S. C. Bromley in the Department of Zoology to study role of wound epidermis in regeneration.
95. Grant of \$2,750 from Michigan Wisconsin Pipe Line Company, Detroit, Michigan, to be used under the direction of M. J. Klug in the Kellogg Biological Station to study the effect of the presence of natural gas in ground waters on its potability.
96. Grant of \$25,438 from National Science Foundation, Washington, D.C., to be used under the direction of J. Wagner in the Science and Mathematics Teaching Center to support implementation of SMSG mathematics materials in Flint, Saginaw, and Pontiac area junior high schools.
97. Grant of \$19,983 from National Science Foundation, Washington, D.C., to be used under the direction of H. Stonehouse in the Science and Mathematics Teaching Center to provide teacher education in earth and environmental science and to support implementation efforts with teachers in East Lansing schools.
98. Grant of \$16,700 from National Science Foundation, Washington, D.C., to be used under the direction of C. R. Peebles in the Science and Mathematics Teaching Center for a science enrichment program for high school juniors of high-ability, which includes research.
99. Grant of \$14,902 from National Science Foundation, Washington, D.C., to be used under the direction of B. Cheney in the Science and Mathematics Teaching Center for implementation of Science - A Process Approach in grades 4-8, Traverse City Public Schools.
100. Grant of \$13,406 from National Science Foundation, Washington, D.C., to be used under the direction of B. Cheney in the Science and Mathematics Teaching Center for implementation of Science - A Process Approach in grades 1-6, Saginaw Public Schools.
101. Grant of \$50 from Bank of Lansing, Lansing, Michigan, to be used under the direction of M. S. Magen in the College of Osteopathic Medicine to be used for Health Professions Day, April 6, 1974.
102. Grant of \$100 from James H. Karoub Associates, Livonia, Michigan, to be used under the direction of M. S. Magen in the College of Osteopathic Medicine to be used for Health Professions Day, April 6, 1974.
103. Grant of \$50 from J. Vincent Murphy, Grand Blanc, Michigan, to be used under the direction of M. S. Magen in the College of Osteopathic Medicine to be used for Health Professions Day, April 6, 1974.
104. Grant of \$30,000 from Muscular Dystrophy Associations of America, Inc., Ferndale, Michigan, to be used under the direction of P. Greenman in the Department of Biomechanics for project to develop programming between operational MDAA clinics and University departments fostering education and research in neuromuscular diseases, in planning for a Neuromuscular Institute at Michigan State University.

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105. Grant of \$4,594 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. J. Patterson in the Department of Microbiology and Public Health to study control of immunoglobulin synthesis in myeloma cells.
106. Grant of \$25,000 from Department of the Navy, Arlington, Virginia, to be used under the direction of R. T. Houlihan in the Department of Osteopathic Medicine to study the effects of oxygen at high pressures on catecholamine metabolism.
107. Grant of \$88 from Gary E. Stollak, East Lansing, Michigan, to be used under the direction of G. E. Stollak in the Department of Psychology to study the effects of different kinds of training, therapist personality characteristics, and other relevant variables on the process and outcome of child psychotherapy.
108. Grant of \$60,017 from Michigan Department of Corrections, Lansing, Michigan, to be used under the direction of M. E. Borus in the School of Labor and Industrial Relations to evaluate the Comprehensive Offender Manpower Program for the Michigan Department of Corrections.
109. Grant of \$17,000 from U.S. Department of Labor, Washington, D.C., to be used under the direction of J. Stieber in the School of Labor and Industrial Relations for conference on problems of the work place faced by management, employees, and unions in multi-national corporations in advanced industrial societies.
110. Grant of \$8,250 from Cancer Society of St. Joseph County, Inc., South Bend, Indiana, to be used under the direction of L. F. Velicer in the Department of Microbiology and Public Health to study proteins in cells infected with cancer related viruses.
111. Grant of \$22,000 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of L. F. Velicer in the Department of Microbiology and Public Health to study molecular biology of REA tumor viruses.
112. Grant of \$87,268 from National Institutes of Health to be used under the direction of J. Meites in the Department of Physiology to study neuroendocrine control of mammary and pituitary tumors.
113. Grant of \$5,250 from Parke-Davis and Company, Ann Arbor, Michigan, to be used under the direction of G. H. Conner in the Department of Large Animal Surgery and Medicine for continuation of drug research (anesthesia) in large animals.
114. Grant of \$150 from Mr. and Mrs. Richard A. Kallal, Hillside, Illinois, to be used under the direction of U. V. Mostosky in the Department of Small Animal Surgery and Medicine to be used for research.
115. Grant of \$50 from Mr. and Mrs. Harvey Lubelchek, Northbrook, Illinois, to be used under the direction of A. Legendre in the Department of Small Animal Surgery and Medicine to be used for research.
116. Grant of \$1,250 from Lake Shore Great Dane Club, Inc., Elgin, Illinois, to be used under the direction of D. Merkley in the Department of Small Animal Surgery and Medicine to be used for gastric torsion research.
117. Grant of \$73,252 from Corporation for Public Broadcasting, Washington, D.C., to be used under the direction of R. D. Page in Television Broadcasting as 1974 Community Service Grant.
118. Grant of \$500 from Craft Printers, Lansing, Michigan, to be used under the direction of R. D. Page in Television Broadcasting to support program activities of WKAR-TV.
119. Grant of \$2,000 from Delta Sigma Theta, Inc., Washington, D.C., to be used under the direction of R. D. Page in Television Broadcasting to support program activities of WKAR-TV.
120. Grant of \$936 from Mackinac Island State Park Commission, Lansing, Michigan, to be used under the direction of L. M. Stone in the Museum for illustrations for publications on faunal remains of Fort Michilimackinac.
121. Grant of \$7,500 from Eastman Kodak Company, Rochester, Michigan, to be used under the direction of C. R. Wharton, Jr., in the President's Office as an unrestricted direct grant.
122. Grant of \$11,250 from The Rockefeller Foundation, New York, to be used under the direction of C. R. Wharton, Jr., in the President's Office as an outright and unrestricted grant.
123. Grant of \$1,501.25 from Estate of John W. Schwab, Bay City, Michigan, to be used under the direction of C. R. Wharton, Jr., in the President's Office as an unrestricted gift to the University.

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GrantsB. GIFTS AND GRANTS, continued

May 17, 1974

124. Grant of \$4,900,000 from Bureau of Health Resource Development, Department of Health, Education, and Welfare, Rockville, Maryland, to be used under the direction of R. D. Schuetz in the Office of Health Programs for assistance in construction of a Clinical Sciences Building (College of Human Medicine - \$2,989,000; College of Osteopathic Medicine - \$1,911,000).

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

Bids

C. BIDS AND CONTRACT AWARDSContract
awarded for
Fee Hall
conversion

1. The following bids were received on April 19, 1974 for the conversion of Fee Hall. This project involves the converting of approximately 15,000 square feet of dormitory living space to office and instructional areas for the medical programs. It also includes air conditioning of the first and second floors in the east connector wing and the installation of the primary cooling equipment required to air condition the remaining areas in Fee Hall.

<u>General Contractors</u>	<u>Base Bid</u>
Granger Construction Co.	\$176,700
Charles Featherly Construction Co.	185,000
Clark Construction Co.	186,000
Hanel-Vance Construction Co.	199,600
Foster-Schermerhorn-Barnes, Inc.	200,000
The Christman Co.	201,687
Erickson & Lindstrom Construction Co.	205,000
<u>Mechanical Contractors</u>	
Dard Incorporated	\$197,167
Shaw-Winkler, Inc.	215,238
Bosch Plumbing & Heating Co.	222,936
Lorne Co.	229,800
John E. Green Plumbing and Heating Co., Inc.	259,990
<u>Electrical Contractors</u>	
Quality Electric, Inc.	\$ 46,427
F. D. Hayes Electric Co.	48,400
Superior Electric of Lansing, Inc.	48,931
Fox Electric Corp.	56,345
Hall Electric Co.	63,796
Lansing Electric Motors Construction, Inc.	66,824

It is recommended that a single contract be awarded to the Granger Construction Co. of Lansing, Michigan in the amount of \$420,294, which assigns Dard Incorporated of Lansing, Michigan as the mechanical contractor and Quality Electric, Inc. of Lansing, Michigan as the electrical contractor, and that the following construction budget be approved:

Granger Construction Co.	\$420,294
Contingencies	25,706
Engineering, Supervision, and Expediting	29,000
Total Expected Expenditures	<u>\$475,000</u>

Funds are being provided for this project through an appropriation by the State of Michigan.

RESOLVED that the above bid be accepted, the contract be awarded, and the construction budget be approved as recommended.

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

Contract
awarded for
alterations to
Rooms 218 thru
221 Agr. Hall

2. The following bids were received on April 11, 1974 for alterations to Rooms 218 through 221 in Agriculture Hall:

<u>General Contractor</u>	<u>Base Bid</u>
McNeilly Construction, Inc.	\$ 89,560
Charles Featherly Construction Co.	90,998
Hanel-Vance Construction Co.	91,546
Nielsen Construction Co.	91,850
Haussman Construction Co.	95,900
Clark Construction Co.	105,000

It is recommended that a contract be awarded to the McNeilly Construction, Inc. of Lansing, Michigan in the amount of \$89,560 and that the following construction budget be approved:

C. BIDS AND CONTRACT AWARDS, continued

May 17, 1974

Bids

2. Agriculture Hall, continued

Agriculture
Hall

McNeilly Construction, Inc.	\$ 89,560
Contingencies	1,360
Engineering, Supervision, and Expediting	<u>4,500</u>
Total Expected Expenditures	<u>\$ 95,420</u>

Funds are available in account 11-9365 for this project.

RESOLVED that the above bid be accepted, the contract be awarded, and the construction budget be approved as recommended.

Unanimously approved. Motion by Trustee Merriman, seconded by Trustee Carrigan.

3. The following bids were received on April 11, 1974 for alterations to the Computer Center. This project will alter approximately 11,000 square feet of space in the Computer Center for improved utilization of the building by students and faculty. Included in this project is the replacement of the air conditioner which serves the Computer Room, resulting in more reliable service and room climate control.

Contract
awarded for
alterations to
Computer Ctr.

<u>General Contractors</u>	<u>Base Bid</u>
McNeilly Construction Co.	\$ 88,489
Charles Featherly Construction Co.	89,840
Hanel-Vance Construction Co.	94,400
Clark Construction	96,000
Haussman Construction	96,900

<u>Mechanical Contractors</u>	
Bosch Plumbing and Heating Co.	\$ 55,589
John E. Green Plumbing and Heating Co.	68,970
Dard, Inc.	88,270

<u>Electrical Contractors</u>	
Superior Electric	\$ 28,976
Hayes Electric	30,424
Quality Electric	33,954
Lansing Electric Motors	42,990

It is recommended that a single contract be awarded to McNeilly Construction Co. of Lansing, Michigan in the amount of \$173,054, which assigns Bosch Plumbing and Heating Co. of Grand Rapids, Michigan as the mechanical contractor and Superior Electric of Lansing, Michigan as the electrical contractor, and that the following construction budget be approved:

McNeilly Construction Co.	\$173,054
Contingencies	20,514
Engineering, Supervision, and Expediting	<u>16,000</u>
Total Expected Expenditures	<u>\$209,568</u>

Funds are available in account 11-9345 for this project.

RESOLVED that the above bid be accepted, the contract be awarded, and the construction budget be approved as recommended.

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

D. OTHER ITEMS FOR ACTION

Other Items for
Action

1. It is recommended that the appropriate degrees be awarded to those students who, according to the records of the Registrar, completed the requirements for graduation spring term 1974.

Degrees granted
spring term
1974

RESOLVED that the degrees be awarded as recommended.

Unanimously approved. Motion by Trustee Merriman, seconded by Trustee Thompson.

In response to an inquiry from Trustee Thompson, Provost Cantlon pointed out that actually authority to grant degrees has been delegated to the President so that formal action by the Board is not absolutely essential.

Other Items
for Action
Board of
Trustees Awards
Spring Term
1974

D. OTHER ITEMS FOR ACTION, continued

May 17, 1974

2. The students graduating at the 1974 spring term commencement who had the highest scholastic averages at the close of their last term in attendance and are therefore recommended to receive the Board of Trustees' awards are:

First high woman - Nancy Joy Hunter, Psychology major, 4.054 average, graduate of Cranford High School, Cranford, New Jersey

First high man - James Carl Weisshaar, Chemistry major, 4.076 average, graduate of Greenhills High School, Cincinnati, Ohio

Second high woman - Jacqueline Ann Schakel, Psychology major, 4.036 average, graduate of Delta High School, Muncie, Indiana

Second high man - Mark Allen Scott, Electrical Engineering major, 4.033 average, graduate of J. W. Sexton High School, Lansing, Michigan

RESOLVED that the Board of Trustees' Awards be approved.

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

Financial
arrangements
for direct lend-
ing student
guaranteed loan
program
authorized

3. The Financial Aids Administrative Group has recommended that the University continue to offer a direct lending student guaranteed loan program and requests that the Administration and the Board of Trustees approve authorization for the University to borrow up to \$1,500,000 to provide a source of funding for this program for the 1974-75 academic year.

RESOLVED that the Vice President for Business and Finance be directed to complete financial arrangements for the above loan program with detailed financial arrangements to be approved at a subsequent Board meeting.

Unanimously approved. Motion by Trustee Merriman, seconded by Trustee Carrigan.

Dormitory rates
eff Fall term
1974 and Married
Housing rates
eff Oct. 1, 1974
approved

4. In arriving at the recommendation to establish the dormitory rates for the 1974-75 school year, projections as to the level of expenditures took into consideration the following assumptions:
1. It is projected that expenditures for personal services, which include all salaries and wages paid plus related fringe benefits, will increase by approximately \$553,000 over the current year's expenditures. This projection takes into consideration the labor contracts previously approved by the Board of Trustees plus a price adjustment for social security and other fringe benefit costs.
 2. It is projected that food purchases will increase approximately 10% in cost over the current school year, which will result in an increased expenditure of approximately \$440,000. This percentage adjustment is actually lower than what is being taken into consideration at other universities. However, our current purchases would indicate that this expenditure is an accurate projection. Michigan State University has an advantage in that we have a fine food stores facility which allows us to take advantage of market conditions and purchase at times which bring the greatest economic advantage to the University.
 3. We have also carefully reviewed the expenditure for the purchase of utility services, taking into consideration the current price of fuel. Since our current housing rate is adequate to absorb a substantial price increase reflected during the current fiscal year, we will not recommend that the dormitory rates be increased to cover an increase in this expenditure. However, we will closely monitor this situation during the fiscal year in order to assure that a substantial increase will not jeopardize the financial position of the dormitory program.

We are projecting an average dormitory occupancy for the school year of approximately 16,600 students. The recommended rate of \$10.00 per term will generate approximately \$500,000. It should be noted that this would not be sufficient to cover the increased cost of operations as outlined in items 1 and 2 above. However, we are of the opinion that the next year's earnings will be sufficient to absorb a substantial portion of the increased operating costs. An allocation from the Trust Reserve for those trusts for which that rate will not be adequate will be made in order to meet the financial commitments of the University for the 1974-75 fiscal year. The management of the dormitory program as well as the office of the Vice President for Business and Finance are confident that we will meet the commitments of the dormitory program, barring any unforeseen difficulties such as utility cost increases substantially beyond those projected or food cost increases materially greater than 10%.

A monthly unit projection of the married housing cost would indicate that the expenditures for personal services will increase approximately \$3.43 per month and utility costs will increase approximately \$2.17 per month. All other costs would increase less than 30¢ per month. With the total increased cost of \$5.97, we are of the opinion that approximately \$4.00 of this cost can be recovered through savings in operations. Consequently, we are recommending only a rate adjustment of \$2.00 per month to cover increased operational costs.

D. OTHER ITEMS FOR ACTION, continued

May 17, 1974

Other Items for
Action4. Dormitory and Married Housing Rates, continuedDormitory and
Married Housing
Rates, cont.

- A. It is recommended that the double room dormitory rate be established at \$415 per term for the 1974-75 school year effective fall term of 1974. This is an increase of \$10 per term over our current rate.

RESOLVED that the dormitory rate be approved as recommended.

Unanimously approved. Motion by Trustee Carrigan, seconded by Trustee Martin.

It is understood that units which offer options other than the standard double room and board contract will have rates adjusted in proportion to the \$10 increase for the standard contract. Units which offer room only contracts will have increases which do not reflect increased food costs.

- B. It is recommended that the married housing rates be established at \$119 per month for a one-bedroom apartment and \$125 per month for a two-bedroom apartment for the 1974-75 school year effective October 1, 1974. This is an increase of \$2.00 per month over the current rate.

RESOLVED that the married housing rates be approved as recommended.

Unanimously approved. Motion by Trustee Carrigan, seconded by Trustee Merriman.

5. Kalamazoo Road ProjectAction on
Kalamazoo Road
Project again
tabled

The University Administration has benefited from the attention given this project by the University Building, Lands and Planning Committee which has helped focus on constructive concerns and beneficial revisions in the original plans. At the same time, it has been most fortunate in also having the project considered by the Campus Natural Areas Committee, all of whose eight members have extensive professional environmental competence. Based upon their professional evaluation, the Natural Areas Committee concluded that the beneficial aspects of the proposed project far outweigh any negative effects. Since any future environmental impact statement is unlikely to result in a more thorough or objective study than that produced by the well-qualified experts who make up the Natural Areas Committee, the Administration believes that the ultimate approval of the project on these grounds is virtually assured. However, since it is likely that formal approval by other political jurisdictions will hinge on an official environmental impact statement, the Administration recommends that the University make available the work of the Natural Areas Committee to those responsible for the project and that the Board of Trustees meanwhile approve the project.

RESOLVED that the Board of Trustees believes that study of the University's Campus Natural Areas Committee establishes the likelihood that the revised plans for the Kalamazoo Road project will result in improvements environmentally and physically favorable to the University, and that it approves the University's participation in the project.

Motion was made by Trustee Thompson, seconded by Trustee Merriman to approve the above resolution.

Professor Anne Garrison, Chairman of the Building, Lands and Planning Committee reviewed in chronological order the actions taken by her committee culminating in the 12 to 1 vote on April 10 to approve the street and bridge proposal as described contingent upon the committee's study and approval of governmentally approved environmental impact study that would have to be made.

Trustee Carrigan cited objections to the proposed plans on the part of businessmen, residents of University Village, students, and school children, and stated she had not seen any persuasive evidence that this is a necessary or desirable project with overwhelming benefits to the University or the community people affected.

In response to a question from Dr. Stack, Provost Cantlon stated that the Building, Lands and Planning Committee membership includes representatives from the social sciences, humanities, landscape architecture, and urban planning. Trustee Thompson stated that he felt the committee did a very objective job in taking into consideration both sides of the issue and should be highly commended for the efforts they had put forth. Dr. Garrison added that much of the credit belonged to the Natural Areas Committee whose impact study seemed to carry the most weight with her committee.

Trustee Stevens expressed concerns regarding truck traffic which might increase in the area due to the proposed improvements.

Dr. Stack reminded the Trustees that the National Environmental Policy Act which requires the impact statement provides that rough drafts of such statements may be used by agencies such as the Board of Trustees in their deliberations, and stated he felt the Building, Lands and Planning Committee should be given an impact statement that offers alternative solutions. It was pointed out, however, that the Ingham County Road Commission did not want to proceed with any impact statement until they had tentative approval from the bodies that would be affected.

Other Items
for Action

Kalamazoo Road
Project, cont.

Train
Depot

D. OTHER ITEMS FOR ACTION, continued

May 17, 1974

5. Kalamazoo Road Project, cont.

Trustee Merriman felt there would be no harm in tabling this matter until some future Board meeting.

Trustee Huff moved, seconded by Trustee Stack, that action on the Kalamazoo Road Project be tabled and that a statement be submitted to Mr. R. O. Schaeffer, Chief Engineer of the Ingham County Road Commission, to the effect that the Board concurs in his proceeding with the environmental impact study, such a study to be made available to the University's Building, Lands and Planning Committee, and such an action by this Board does not constitute prior approval or rejection of the project. Motion carried by a vote of 5 to 3, Trustees Carrigan, Martin, and Radcliffe voting "No."

6. The University has been approached regarding the development of a lease agreement with the Capital Area Rail Council for establishing a train depot on the site of the old State Lumber Co. on South Harrison Road.

On Friday, May 3, Vice President Wilkinson, Attorney Carr, Starr Keesler, and Executive Vice President Breslin met with three members of the Capital Area Rail Council. The members of the Rail Council were Mr. Andrew McElroy, Council President; Mr. Roland Rhead and a Mrs. Wolf, a student at Michigan State University and also a member of the Council.

The meeting was held at the request of the Rail Council to determine if it was possible for MSU to assist them in finding a suitable site for a depot. The Council has looked at two other possible sites, one in Lansing (the old depot) and one on the south side of Trowbridge Road in East Lansing. Both of these sites have proven unsatisfactory for a number of reasons.

The Rail Council seems to prefer to have the depot in East Lansing for two reasons:

1. Ease of access if located near Trowbridge Road
2. The large number of students it is anticipated will use the rail service.

A few years ago when the Grand Trunk Railroad was providing passenger service between Detroit and Chicago, the volume of student passengers exceeded all other passengers using the service. The Trustees will recall that at that time the Grand Trunk trains stopped at Farm Lane to pick up and discharge passengers.

It is possible that a portion of a facility owned by the University on South Harrison Road that now houses our Inventory Department could be used as a site for the depot. It is fairly well located and could, with a few alterations, be made suitable for this purpose. Parking would be limited, but adequate, at the site. The facility referred to is the site of the State Lumber Company that the university purchased about five years ago. It is located on a triangular piece of land between the Grand Trunk tracks and the C & O Railroad tracks. The main drawback to this site is that it is located now in a highly congested traffic area and the conversion of this site to a depot will attract additional traffic, but the offset to this is the convenience of the site for the MSU students.

It is recommended that the Board of Trustees approve in principal this site for a possible depot and that the Administration be authorized to work out a proposed lease agreement for submission to the Board of Trustees and the Rail Council in June. It is proposed that the first lease would not exceed two years. The lease will be drawn by the University Attorney. There will be no cost to the University in this proposed transaction.

RESOLVED that the above recommendation is approved.

Unanimously approved. Motion by Trustee Stevens, seconded by Trustee Merriman.

Stein & Assoc. 7. to assist in
Jenison Field-
house fire
safety improve-
ments

The Fire Marshal has determined that Jenison Fieldhouse is not in compliance for the customary occupancy of 12,000. Engineering Services/Physical Plant Division have completed a preliminary review and estimate for the alterations that will be required to bring this facility into compliance with the Michigan Regulations Governing Places of Public Assemblage.

On May 2, Dick Bernitt and Bob Siefert reviewed the proposed corrections with Captain Catton, Fire Marshal, and Lt. Dalton. The following items were discussed:

1. There seems to be no particular problem in getting adequate exits along the west side of the building.
2. Captain Catton thinks the limiting factor will be adequate aisle space, particularly at the four corners. Mr. Bernitt and Mr. Siefert agree.
3. Another major problem and cost will be developing acceptable ramps from the exits on the west side because of the height of the fieldhouse floor above the parking lot level.

D. OTHER ITEMS FOR ACTION, continued

May 17, 1974

Other Items for Action

7. Architect for Jenison Fieldhouse Fire Safety Improvements, continued

Jenison Fieldhouse Fire Safety Improvements

4. Captain Catton suggested that because the rules he administers are about 30 years old and quite vague by other standards, we might want to review our plans with the State Labor Department to evaluate them against the proposed O.S.H.A. regulations which will go into effect this year.

Because of the complicated nature of this project, it is the recommendation of Mr. Siefert and Mr. Breslin that we engage an outside architect rather than having Physical Plant do the planning.

We recommend that the University employ Stein and Associates as architect to assist in the planning necessary for the fire safety improvements.

RESOLVED that Stein Associates be employed to assist in the planning of fire safety improvements in Jenison Fieldhouse.

Unanimously approved. Motion by Trustee Stack, seconded by Trustee Merriman.

8. In conformity with existing practices, the College of Osteopathic Medicine would like to have the University enter into an affiliation agreement with the Ingham Medical Center. This agreement will formalize those arrangements made for providing clinical training of COM students and such other activities as are stipulated in the document.

Osteo Med., Ingham Medical Ctr. affiliation agreement approved

The agreement has been examined by the College of Osteopathic Medicine, the Office of the Provost, and the University Attorney. It comes to the Board with the Administration's recommendation for approval.

RESOLVED: The affiliation agreement between Michigan State University and Ingham Medical Center is hereby approved, effective May 17, 1974.

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

9. On November 19, 1971, the Board of Trustees authorized the Administration to proceed with the preliminary planning for the Performing Arts Center. Prior to this, there had been several years of discussion and work. In the mid-1960's, the first plans for a Communication Arts building included an auditorium. However, it soon became evident that a full complex was needed to replace the outmoded or deficient facilities. The Provost then appointed a Performing Arts Committee.

Caudill, Rowlett & Scott to be retained as architects for Performing Arts Center

In the spring of 1972, Dr. Wilson Paul was asked to develop a preliminary program statement for the committee. The discussion of this report led the committee to decide that an extended, on-site field study of auditoria, theaters, and recital halls would provide new insight into the development of performing arts complexes elsewhere in the United States. From the membership of the committee, the President appointed an Architecture Visiting Committee which included Mr. Kenneth Beachler (Director of the Lecture-Concert Series), Professor Anne Garrison (Chairman, Committee on Building, Lands and Planning), Professor James Niblock (Chairman, Department of Music), Professor Frank Rutledge (Chairman, Department of Theatre), Mrs. Dolores Wharton (Member, Michigan Council for the Arts), and Vice President Leslie Scott as chairman.

The Architecture Visiting Committee visited some 15 performing arts centers and conducted an intensive assessment of each from the standpoint of their various concerns and competencies. The report of the Architecture Visiting Committee was submitted on November 26, 1973, including a recommendation that four architectural firms be considered. The President asked that the four firms be placed in order of priority, and in cooperation with the committee reached a decision to consider at least two architectural firms.

On January 14, 1974, the President appointed a Performing Arts Program Statement Subcommittee which included Mr. Beachler, Professor Niblock, Professor Rutledge, Mr. Robert Siefert (University Architect), and Dr. John Dietrich (Assistant Provost) as chairman. Dr. Dietrich and Mr. Siefert engaged in field study limited to the auditoria of the two architects under primary consideration.

The subcommittee then prepared a report which they submitted on March 18, 1974, to be used as the basis for interviews and discussions with the architects. Representatives of the two firms visited the MSU campus on April 29-30 and May 7-8. During these visits, the representatives met with both the full Performing Arts Committee, the Architecture Visiting Committee, and the Program Statement Subcommittee.

Following these on-campus interviews, the firm of Caudill, Rowlett and Scott, of Houston, Texas, was the unanimous choice. (Among the outstanding examples of their work are Jones Hall in Houston and the new prize-winning Thomas Hall at the University of Akron). If their selection is approved by the Board, they would, of course, involve an associate architectural firm from Michigan and the selection of an acoustical engineer in cooperation with the University.

RESOLVED, that Caudill, Rowlett and Scott be retained as architects for the Performing Arts Center.

Unanimously approved. Motion by Trustee Carrigan, seconded by Trustee Stevens. Trustee Huff asked that there be an opportunity for student input in this project.

May 17, 1974

Sculpture for
Performing
Arts Ctr

10. Trustee Thompson presented the following statement:

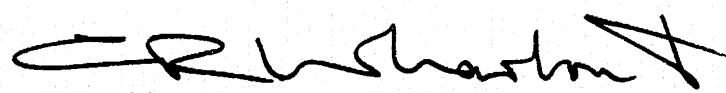
At the time that this Board of Trustees encouraged and approved President Wharton's acceptance of directorships with the Burroughs Corporation and the Ford Motor Company, the stipulation was made that all fees would come to this University. These fees are held in a special account and have now reached a total of \$34,025.03.

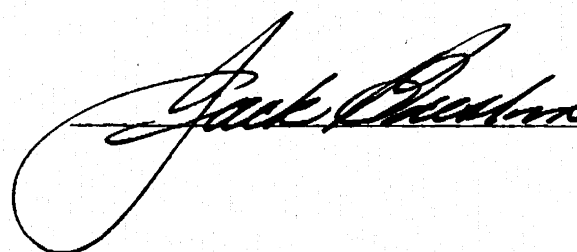
The use of these fees for non-recurring items of importance to the University would appear to be an ideal policy. Ever since their arrival on this campus in 1969, President and Mrs. Wharton have maintained a strong interest in the faculty of the Department of Art and a continuing support of the proposed Performing Arts Center. Accordingly, the following resolution seems appropriate and timely:

THEREFORE BE IT RESOLVED that the University Administration is authorized to use up to \$30,000 from President Wharton's directorship fees to commission a piece of monumental sculpture to be executed by Professor Melvin G. Leiserowitz, of the Department of Art, which would be used in connection with the proposed Performing Arts Center.

Unanimously approved. Motion by Trustee Thompson, seconded by Trustee Carrigan. Trustee Huff suggested that it would be appropriate for the sculptor to collaborate with the Performing Arts Center architect in constructing this art work.

Adjourned at 12:31 p.m.


President


Secretary