

MINUTES OF THE MEETING  
of the  
MICHIGAN STATE UNIVERSITY  
BOARD OF TRUSTEES  
October 27-28, 1977

President Wharton called the meeting to order in Room 101 Kellogg Center at 2:55 p.m., October 27.

Present: Trustees Carrigan, Bruff, Krolikowski, Martin, Smydra, Stack, and Stevens; President Wharton, Provost Winder, Executive Vice President Breslin, Vice Presidents Cantlon, Carr, Nonnamaker, Perrin, Scott, and Wilkinson, Secretary Ballard; Faculty Liaison Group; Student Liaison Group.

Absent: Trustee Radcliffe.

1. Approval of Proposed Agenda

President Wharton announced that the meeting of the Health Programs Committee and the Land and Physical Facilities Committee, scheduled for 8:00 a.m. October 28, had been cancelled and in lieu of those committee meetings an executive session would be held to discuss a land transaction. Also, discussions of the Affirmative Action Program and Campus Traffic and Parking which had been planned for 1:30 p.m. October 28, would be postponed until the next meeting of the Board and instead there would be a discussion of the procedures for the selection of the new University president.

Motion was made by Trustee Carrigan, seconded by Trustee Stevens, to approve the agenda as modified. Carried unanimously.

2. Executive Session

Motion was made by Trustee Bruff, supported by Trustee Stevens, to hold an executive session to discuss a land transaction as provided by Section 8 (d) of the Open Meetings Act at 8:00 a.m. Friday, October 28. Motion approved by a roll call vote of 7 to 0 with Trustees Stack, Stevens, Bruff, Carrigan, Martin, Smydra and Krolikowski voting Yes and Trustee Radcliffe absent.

3. Approval of September 22-23 Minutes

Motion was made by Trustee Krolikowski, seconded by Trustee Carrigan, to approve the September 22-23 minutes. Unanimously carried.

The meeting recessed at 3:05 p.m. During the recess, investment counsel made a presentation to the Investment Committee and other Board members who attended the meeting.

Public Comments Session

The Public Comments Session was held in the Lincoln Room, Kellogg Center, at 7:30 p.m., October 27, 1977.

Present: All Trustees, all University officers, Faculty Liaison Group, Student Liaison Group.

President Wharton opened the session by reviewing the guidelines for public testimony to the Board. The guidelines provide that no individual speaker should speak for more than five minutes and that comments on any one topic should be confined to fifteen minutes. He announced that the session would adjourn at 8:30 p.m. to permit the Board to participate in Homecoming events scheduled for later that evening.

1. Mr. Kent Barry, President of ASMSU, read a statement urging Trustee action to stimulate the Board of Directors of the State News to change its selection procedures to make the directors more representative of constituencies involved. A copy of Mr. Barry's statement is on file in the Secretary's Office.

2. A spokesperson for People for Quality Development Education presented a statement opposing any attempt to decentralize the administration and delivery of developmental education and supportive services. A copy of this statement is on file in the Secretary's Office.

In response to a request from the Board, President Wharton indicated that the administration would provide a report on this subject and that it could be the subject of a future meeting if necessary.

3. Father Peter Dougherty, associated with the East Lansing Peace Education Center, expressed his concern that University participation in an agricultural research project in South Korea will disadvantage millions of South Korean citizens by forcing migration to urban areas where they will be subject to substandard working conditions. In response to a request by Trustee Smydra, President Wharton indicated that he would arrange a briefing on this project for a future Board meeting.

4. Professor William Derman, Department of Anthropology and African Studies Center, expressed his concern for University investment in firms doing business in South Africa. He indicated that there are three steps the Board should take in respect to this matter: (a) divest itself of stock in any corporations with South African business interests; (b) implement a resolution similar to that enacted by the East Lansing City Council directing that, where legally feasible, purchases be made from firms which do not do business in South Africa; (c) prohibit official University contacts with representatives of the Government of South Africa.

Public  
Comments

ASMSU statement  
re State News  
Board of Dir.

Developmental  
Education

East Lansing  
Peace Ed. Ctr.  
statement re  
South Korean  
agricultural  
research project

William Derman  
statement re  
South Africa

Public Comments Session, cont.

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Public Comments  
Session, cont.

5. Ms. Karen Clark, a spokesperson for the Committee for Justice in Chile, protested University participation in projects involved with what she termed oppressive South American regimes. A copy of this statement was not furnished to the Secretary.
6. Spokespersons for the Committee to Stop the MSU-Iran Film Project reiterated arguments protesting this project. On cue from a cameraman, a group presented a guerilla theater performance at the conclusion of this presentation.
7. A spokesperson for the Iranian Students Association expressed their opposition to the MSU-Iran Film Project. A copy of this statement appeared in the October 27 State News and is on file in the Secretary's Office.

Protest re South  
American projectsProtests re MSU-  
Iran Film  
Project

Recessed at 8:30 p.m.

The Board reconvened in the Board Room in the Administration Building at 9:15 a.m., October 28, 1977.

Present: Trustees Bruff, Carrigan, Krolikowski, Martin, Radcliffe, Smydra, Stack, and Stevens; all University officers, Faculty Liaison Group (Lester Manderscheid for Henry Silverman), Student Liaison Group.

Absent: No one.

In a variation from the usual sequence of Board items, Personnel Changes and 1978-79 Budget Requests (Item C. 2, Other Items for Action) were considered after the Gifts and Grants and the remaining Other Items for Action.

A. PERSONNEL CHANGESResignations

Resignations

1. Eric E. Bickel, Extension 4-H Youth Agent, Clare, Gladwin, Roscommon, and Crawford Counties, December 31, 1977, to return to school.
2. Thomas J. Jewett, Extension 4-H Youth Agent, At Large, September 30, 1977, to continue studies at the Cooley Law School, Lansing, Michigan.
3. Edith A. Mills, Extension Home Economist, Tuscola, Sanilac, and Huron Counties, October 28, 1977, to join a family business.
4. Roger F. McFeeters, Associate Professor, Food Science and Human Nutrition, October 21, 1977, to accept a position with the USDA ARS Food Fermentation Laboratory, Raleigh, North Carolina.
5. Harold W. Knirk, Associate Professor, Institute of Agricultural Technology, Dean of Veterinary Medicine, and Small Animal Surgery and Medicine, September 30, 1977, to accept employment as Executive Secretary of MVMA.
6. Connie Poole, Librarian, Libraries, December 2, 1977, to accept a position as Staff Specialist-Information Analyst with the American Hospital Association in Chicago.

Leaves--SabbaticalSabbatical  
Leaves

1. Robert L. Erbes, Assistant Professor, Music, with full pay, from January 1, 1978 through March 31, 1978, to study in East Lansing.
2. Leona S. Witter, Associate Professor, Music, with full pay, from April 1, 1978 through June 30, 1978, to study and travel in Western Europe.
3. Walter G. Hapkiewicz, Associate Professor, Counseling, Personnel Services and Educational Psychology, from December 15, 1977 through June 15, 1978, to study at Michigan State University; with full pay.
4. Harry A. Eick, Professor, Chemistry; Associate Dean, College of Natural Science, and MERIT Associate Director, Computer Laboratory, with full pay, from March 1, 1978 through August 31, 1978, to study at Arizona State University.
5. Roger A. Hoopingarner, Professor, Entomology, from January 1, 1978 through June 30, 1978, to study at the USDA Bee Laboratory, Tucson, Arizona; with full pay.
6. James H. Fisher, Professor, Geology, with half pay, from September 1, 1978 through August 31, 1979, to study in Michigan.
7. Alan P. Grimes, Professor, Political Science, with half pay, from September 1, 1978 through August 31, 1979, to study and travel in East Lansing, England, and Europe.
8. Carolyn Stieber, Assistant Professor, Political Science, and Ombudsman, President's Office, with full pay, from April 1, 1978 through June 30, 1978, to study in Cambridge, England.
9. Nelson P. Edmondson, Professor, Humanities, with full pay, from April 1, 1978 through June 30, 1978, to study at MSU and at home.

A. PERSONNEL CHANGES, cont.

October 27-28, 1977

Sabbatical  
Leaves, cont.Leaves--Sabbatical, cont.

10. Margaret W. Grimes, Associate Professor, Humanities, with half pay, from September 1, 1978 through August 31, 1979, to study and travel in East Lansing, England and Europe.
11. Oscar Taboada, Professor, Natural Science, with full pay, from January 1, 1978 through March 31, 1978, to study in South America.
12. Gary B. North, Associate Professor, Administration and Higher Education, and Coordinator, Residence Hall Programs, Vice President for Student Affairs, with full pay, from January 1, 1978 through March 31, 1978, to study in East Lansing and at other Big Ten Schools.

Medical  
LeavesLeaves--Medical

1. Randall C. Heatley, County Extension Horticulture Agent, Jackson, with full pay, from August 5, 1977 through September 18, 1977.
2. Joanne M. Weil, Librarian, Libraries, with full pay, from October 1, 1977 through December 31, 1977.

## Other Leaves

Leaves--Other

1. Sharon L. Fortino, Extension Home Economist, Gratiot, Clinton, and Shiawassee Counties, without pay, from October 1, 1977 through October 14, 1977, for child care.
2. Kelly M. Harrison, Associate Professor, Agricultural Economics, without pay, from September 16, 1977 through October 31, 1977, to serve as consultant with the USDA, Washington, D.C.
3. Olaf Mickelsen, Professor, Food Science and Human Nutrition; Human Development, and Community Medicine, without pay, from September 1, 1977 through August 31, 1979, to serve as Visiting Professor, Institute of Nutrition Sciences and Food Technology, Tehran, Iran.
4. Margaret A. Boschetti, Assistant Professor and Extension Specialist, Human Environment and Design, without pay, from March 1, 1978 through April 28, 1978, to study at the University of Michigan.
5. Roger G. Gifford, Divisional Librarian, Libraries, without pay, from October 15, 1977 through November 14, 1977, to study and travel in England and the Netherlands.
6. Henry C. Koch, Associate Director, Libraries, without pay, from October 15, 1977 through November 14, 1977, to study and travel in England.
7. Robert E. Runser, Divisional Librarian, Libraries, without pay, from November 15, 1977 through December 14, 1977, to study and travel in Greece.

Transfers and  
Changes in  
AssignmentTransfers and Changes in Assignment

Jack A. Hoefer

1. Additional assignments for Jack A. Hoefer, Professor, Animal Husbandry, and Associate Director, Agricultural Experiment Station, as Assistant Dean, Colleges of Agriculture and Natural Resources and Natural Science, effective November 1, 1977.

Leo W. Dorr

2. Cancellation of leave, full pay, for Leo W. Dorr, County Extension Director, Genesee County, effective September 29, 1977 through March 31, 1978.

Robert M.  
Jaskiewicz

3. Transfer Robert M. Jaskiewicz, Extension 4-H Youth Agent, from Allegan, Kent, and Ottawa Counties, to Bay, Midland, and Saginaw Counties with an increase in salary to \$15,600 per year on a 12-month basis, effective November 1, 1977.

Eugene C.  
Miller

4. Change assignment of Eugene C. Miller, Extension 4-H Youth Agent, from St. Joseph and Kalamazoo Counties to St. Joseph County only, effective November 1, 1977.

Derek R.  
Byerlee

5. Change beginning date of leave of absence, no pay, for Derek R. Byerlee, Associate Professor, Agricultural Economics, from November 1, 1977 to October 22, 1977.

H. John Carew

6. Discontinue assignment of H. John Carew, Professor, as Chairman, Department of Horticulture, effective October 1, 1977.

Donald H. Dewey

7. Change Donald H. Dewey from Professor and Associate Chairman to Professor and Acting Chairman, Department of Horticulture, with an increase in salary to \$34,480 per year on a 12-month basis, effective October 1, 1977.

Samuel J. Levine

8. Transfer Samuel J. Levine, Assistant Professor, from Elementary and Special Education to Administration and Higher Education, effective October 1, 1977.

Kent L.  
Gustafson

9. Change Kent L. Gustafson, Associate Professor, Secondary Education and Curriculum, Family Medicine, and Instructional Development and Telecommunication, from a 12-month basis at a salary of \$24,180 per year to a 10-month basis at a salary of \$19,344 per year, effective January 1, 1978.

## A. PERSONNEL CHANGES, cont.

October 27-28, 1977

Transfers and Changes in Assignment, cont.

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| <p>10. Change Lois Ann Lund from Professor, Family Ecology, and Dean, College of Human Ecology, to Professor, Food Science and Human Nutrition, and Dean, College of Human Ecology, effective October 1, 1977.</p> <p>11. Change Charles C. Sweeley from Professor, Biochemistry, and Assistant Dean for Research, College of Human Medicine, at a salary of \$45,463 per year, to Professor, Biochemistry, at a salary of \$44,863 per year on a 12-month basis, effective January 1, 1978.</p> <p>12. Change of assignment for Sumer D. Verma, Associate Professor, from Psychiatry, Medicine and Counseling Center, to Psychiatry and Medicine, effective January 1, 1978.</p> <p>13. Additional assignment for Frederick Bernthal, Associate Professor, Chemistry, to the MSU/NSF Heavy Ion Laboratory and a change from a 10-month basis at a salary of \$17,300 per year to a 12-month basis at a salary of \$21,625 per year, effective September 1, 1977.</p> <p>14. Change Stephen C. Bromley, Professor and Director, Biological Science Program, and Professor, Zoology, from a 10-month basis at a salary of \$23,000 per year to a 12-month basis at a salary of \$28,750 per year, effective September 1, 1977.</p> <p>15. Discontinue assignment of Philipp Gerhardt, Professor, Microbiology and Public Health, as Associate Dean, College of Osteopathic Medicine, and administrative increment of \$1,200 per year, effective July 1, 1980.</p> <p>16. Discontinue assignment of Roy J. Harvey, Professor, Family Medicine, as Acting Chairman, Family Medicine, effective August 1, 1977.</p> <p>17. Additional assignment for Abram M. Barch, Professor, Psychology, as Assistant Dean for Continuing Education, College of Social Science and Continuing Education, and a change from a 10-month basis at a salary of \$25,610 per year to a 12-month basis at a salary of \$32,020 per year, effective September 1, 1977.</p> <p>18. Change Timothy S. Bynum from Assistant Professor to Instructor, Criminal Justice, effective September 1, 1977.</p> <p>19. Additional assignment as Director, African Studies Center, for David S. Wiley, Assistant Professor, African Studies Center and Sociology, and a change from a 10-month basis at a salary of \$17,200 per year to a 12-month basis at a salary of \$22,700 per year, effective September 1, 1977 through August 31, 1980.</p> <p>20. Change John B. Kreer from Professor and Acting Chairman to Professor and Chairman, Electrical Engineering and Systems Science, effective November 1, 1977.</p> <p>21. Change Bruce W. Pigozzi from Assistant Professor at \$14,000 per year to Instructor at \$13,000 per year on a 10-month basis, Geography, effective September 1, 1977.</p> <p>22. Change Helen E. Jones, Librarian, Libraries, from 75% time at a salary of \$10,015 per year to 100% time at a salary of \$13,350 per year on a 12-month basis, effective September 1, 1977.</p> <p>23. Discontinue assignment of James G. Lyon, Associate Professor, Health Services Education and Research, and Assistant Dean, College of Human Medicine, as Acting Assistant Director, Office of Health Services, effective November 1, 1977.</p> | <p>Transfers and<br/>and Changes in<br/>Assignment, cont</p> <p>Lois Ann Lund</p> <p>Charles C.<br/>Sweeley</p> <p>Sumer D. Verma</p> <p>Frederick<br/>Bernthal</p> <p>Stephen C.<br/>Bromley</p> <p>Philipp<br/>Gerhardt</p> <p>Roy J. Harvey</p> <p>Abram M. Barch</p> <p>Timothy S.<br/>Bynum</p> <p>David S. Wiley</p> <p>John B. Kreer</p> <p>Bruce W.<br/>Pigozzi</p> <p>Helen E. Jones</p> <p>James G. Lyon</p> |
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Promotions

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| <p>1. Change of title from Instructor to Assistant Professor for Aaron S. Gurwitz, Economics, effective July 1, 1977.</p> <p>2. Change of title from Instructor to Assistant Professor, with an increase in salary to \$16,000 per year on a 10-month basis for Stephen Martin, Economics, effective September 1, 1977.</p> | <p>Promotions</p> |
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Salary Changes

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|--|-----------------------|
| <p>1. Increase in salary for John K. Trocke, District Extension Marketing Agent, East, to \$27,600 per year on a 12-month basis, effective October 1, 1977.</p> <p>2. Increase in salary for Ajit K. Srivastava, Assistant Professor, Agricultural Engineering, to \$20,085 per year on a 12-month basis, effective October 1, 1977.</p> <p>3. Increase in salary for Gordon Serr, Assistant Professor, Health, Physical Education and Recreation, to \$23,650 per year on a 12-month basis, effective October 1, 1977.</p> <p>4. Increase in salary for William L. Smith, Assistant Professor, Biochemistry, to \$21,757 per year on a 12-month basis, effective October 1, 1977.</p> <p>5. Increase in salary for Reed M. Baird, Associate Professor, Lyman Briggs College, to \$19,477 per year on a 10-month basis, effective October 1, 1977.</p> | <p>Salary Changes</p> |
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A. PERSONNEL CHANGES, cont.

October 27-28, 1977

Salary  
ChangesSalary Changes, cont.

6. Increase in salary for Robert J. Tanis, Specialist, Biochemistry, to \$21,450 per year on a 12-month basis, effective October 1, 1977.
7. Increase in salary for Loretta L. VanCamp, Specialist, Biophysics, to \$18,029 per year on a 12-month basis, effective October 1, 1977.
8. Increase in salary for Norma Jackson, Specialist, Nursing, to \$9,890 per year on a 10-month basis, effective October 1, 1977.
9. Increase in salary for Arnold Revzin, Assistant Professor, Biochemistry, to \$21,302 per year on a 12-month basis, effective October 1, 1977.
10. Increase in salary for Frances Schattenberg, Specialist, Humanities, to \$7,667 per year on a 10-month basis, effective October 1, 1977.
11. Increase in salary for Carol L. Wainright, Assistant Professor, Humanities, to \$12,000 per year on a 10-month basis, effective October 1, 1977.
12. Increase in salary for Lydia A. Woodruff, Specialist, Humanities, to \$11,000 per year on a 10-month basis, effective October 1, 1977.

Appointments

Appointments

1. Charles Pistis, District Extension Marine Agent, Southwestern Michigan, at a salary of \$13,100 per year on a 12-month basis, effective October 1, 1977.
2. Diana Marie Seim, Extension Assistant, 4-H International Programs, 50% time at a salary of \$6,000 per year on a 12-month basis, effective November 1, 1977.
3. Nancy Eleanor Smith, Extension 4-H Youth Agent, Cass, Berrien and Van Buren Counties, at a salary of \$13,000 per year on a 12-month basis, effective November 1, 1977.
4. Truman C. Surbrook, Associate Professor, Agricultural Engineering and Institute of Agricultural Technology, in the tenure system, at a salary of \$22,500 per year on a 12-month basis, effective September 1, 1977.
5. Eddie Albert Moore, Assistant Professor, Agriculture and Natural Resources Education Institute, in the tenure system, at a salary of \$24,600 per year on a 12-month basis, effective October 1, 1977.
6. Walter E. Collins, Associate Professor and Coordinator of Animal Technology Program, Institute of Agricultural Technology, Dean of Veterinary Medicine, and Large Animal Surgery and Medicine, in the tenure system, at a salary of \$28,500 per year on a 12-month basis, effective September 1, 1977.
7. Kathryn D. Colando, Instructor, Pathology and Medical Technology, in the tenure system, at a salary of \$14,000 per year on a 12-month basis, effective October 1, 1977.
8. Mary M. Leeman, Specialist, Radiology, in the job security system, at a salary of \$20,450 per year on a 12-month basis, effective May 1, 1977.
9. Fumio Matsumura, Professor, Entomology, and Director, Pesticide Research Center, with tenure, at a salary of \$38,000 per year on a 12-month basis, effective October 15, 1977.
10. Norma Jackson, Specialist, Nursing, in the job security system, 60% time, at a salary of \$9,240 per year on a 10-month basis, effective September 1, 1977.
11. Nancy W. Kline, Assistant Professor, Nursing, in the tenure system, at a salary of \$15,000 per year on a 10-month basis, effective January 1, 1978.
12. Robert J. Robbins, Assistant Professor, Biological Science Program and Zoology, in the tenure system, at a salary of \$18,125 per year on a 12-month basis, effective September 1, 1977.
13. Wilbur C. Johnson, Specialist, Kellogg Biological Station, in the job security system, at a salary of \$15,000 per year on a 12-month basis, effective October 1, 1977.
14. Richard C. Hallgren, Assistant Professor, Biomechanics and Electrical Engineering and Systems Science, in the tenure system, at a salary of \$20,250 per year on a 10-month basis, effective September 1, 1977.
15. Frances Schattenberg, Specialist, Humanities, with job security, 66-2/3% time, at a salary of \$6,440 per year on a 10-month basis, effective September 1, 1977.
16. Carol Wainright, Assistant Professor, Humanities, with tenure, at a salary of \$11,500 per year on a 10-month basis, effective September 1, 1977.
17. Lydia A. Woodruff, Specialist, Humanities, in the job security system, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1977.

A. PERSONNEL CHANGES, cont.

October 27-28, 1977

Appointments, cont.

Appointments,  
cont.

- 18. Raymond F. Nachreiner, Associate Professor, Large Animal Surgery and Medicine, Physiology, and Animal Health Diagnostic Laboratory, in the tenure system, at a Salary of \$32,000 per year on a 12-month basis, effective August 15, 1977.
- 19. Paul H. Sato, Assistant Professor, Pharmacology, in the tenure system, at a salary of \$21,000 per year on a 12-month basis, effective October 15, 1977.
- 20. Dennis Duane Bryde, Specialist, Highway Traffic Safety Center, at a salary of \$21,200 per year on a 12-month basis, effective July 1, 1978 through June 30, 1980.
- 21. Noel C. Bufe, Professor and Director, Highway Traffic Safety Center, with tenure, at a salary of \$32,000 per year on a 12-month basis, effective January 1, 1978.
- 22. Donald M. Holmes, Specialist, Highway Traffic Safety Center, at a salary of \$21,800 per year on a 12-month basis, effective November 1, 1978 through October 31, 1980.
- 23. Daniel G. Lee, Specialist, Highway Traffic Safety Center, at a salary of \$20,600 per year on a 12-month basis, effective July 1, 1978 through June 30, 1980.
- 24. Mary D. Laing, Specialist, Intercollegiate Athletics, in the job security system, at a salary of \$14,500 per year on a 12-month basis, effective September 1, 1977.
- 25. Deborah A. Jankowski, Librarian I, Libraries, at a salary of \$12,500 per year on a 12-month basis, effective October 17, 1977.
- 26. D. Darren Meahl, Librarian I, Libraries, at a salary of \$11,750 per year on a 12-month basis, effective October 1, 1977.
- 27. Randall W. Scott, Librarian I, Libraries, at a salary of \$11,250 per year on a 12-month basis, effective October 10, 1977.

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

Personnel Recommendations

Personnel  
Recommendations

It is recommended that the following positions be established:

- 1. Supervisor Media Resources A-P 9 for Dairy Science
- 2. Half-time Secretary I C-T 5 for Horticulture
- 3. Clerk Receptionist I C-T 4 for the Institute of Agricultural Technology
- 4. For the College of Education:
  - a. Programmer Analyst A-P 10
  - b. Half-time Editorial Assistant I C-T 5
- 5. Clerk Typist II C-T 5 for Chemical Engineering
- 6. Office Supervisor I A-P-S 6 for Civil and Sanitary Engineering
- 7. Secretary II C-T 7 for Physics
- 8. Office Supervisor III A-P-S 8 for the Dean's Office, College of Veterinary Medicine
- 9. For the Animal Health Diagnostic Laboratory:
  - a. Programmer Analyst A-P 10
  - b. Laboratory Research Technician III C-T 11
  - c. Laboratory Research Technician II C-T 9
  - d. Clerk Receptionist II C-T 6
- 10. Administrative Assistant II A-P 10 for the Continuing Education Service
- 11. Library Clerk III C-T 6 for Libraries
- 12. Secretary III C-T 9 for the Medical Humanities Program
- 13. Secretary II C-T 7 for Instructional and Public Television
- 14. For the Assistant Vice President for Personnel and Employee Relations:
  - a. Staff Benefits Assistant A-P 9
  - b. Clerk II C-T 5
- 15. Teller C-T 4 for the Controller, Cashier's Office
- 16. For the Office of Financial Aids:
  - a. Office Assistant II C-T 8
  - b. Office Assistant I C-T 6
- 17. Secretary II C-T 7 for the Dean of Students and Residence Halls

On motion by Trustee Carrigan, seconded by Trustee Smydra, it was unanimously voted to approve the Personnel Recommendations.

Appointment of Acting President

Edgar Harden  
appt. Acting  
President

The following recommendation was presented by Chairperson Carrigan:

Since President Wharton's announcement of his decision to accept the Chancellorship of the State University of New York system, I have discussed with each of my colleagues on the Board the tasks immediately before us.

This afternoon we will address ourselves to one of them in a review of procedures for the selection of a new president.

## A. PERSONNEL CHANGES, cont.

October 27-28, 1977

Edgar Harden  
appt. Act. Pres.Appointment of Acting President, cont.

But we must also begin immediately to arrange for an orderly transition in the President's office to ensure minimal disruption of University operations. Each of us feels this will be facilitated by the early naming of an Acting President.

There are within the University highly qualified individuals who ought to be considered for the presidency, and who could effectively step in as Acting President. However, my conversations with the Trustees have indicated concern that the Board not pre-empt -- or appear to pre-empt -- the eventual selection process by designating one of those individuals as Acting President.

With that consideration, I wish to nominate as Acting President a proven administrator, past president of another Michigan university, Honorary Alumnus and former dean at Michigan State University, Dr. Edgar Harden, the appointment to be effective on the yet-to-be determined termination date of President Wharton.

The nomination was seconded by Trustee Smydra and unanimously approved.

Gifts and  
Grants

## B. GIFTS AND GRANTS

1. Gift of balances, recorders, Hi-Fy, Polarograph and miscellaneous glassware with a total value of \$1,790 from the General Foods Corp., Battle Creek, to be used under the direction of James R. Kirk in the Department of Food Science and Human Nutrition.
2. Gift of floriculture materials with a total value of \$675.80 from Norm Kesel, East Lansing, to be used in floral design classes under the direction of D. Dunbar in the Department of Horticulture.
3. Gift of a Mark I Farallon Underwater Scooter and a Giddings Underwater Flash, casing and flash unit with a total value of \$500 from Robert O. Jones, Southfield, to be used by staff in the Department of Park and Recreation Resources for an underwater park-historical preserve research project.
4. Gift of an untitled tapestry by Genaro de Carvalho valued at \$4,000 from Dr. and Mrs. M. B. Dickerson, East Lansing, for display in the Kresge Art Center Gallery.
5. Gift of a portfolio of original lithographs with poems valued at \$800 from B. H. Mundale, Arlington, Virginia, for display in the Kresge Art Center Gallery.
6. Gift of 33 Spanish books valued at \$106 from Carlos M. Teran, East Lansing, for student use in the Romance and Classical Languages departmental library.
7. Gift of various items including a zither, vellum manuscript, World War I memorabilia, glassware, and chairs with a total value of \$1,417 from Anne Garrison, East Lansing, for the Museum for use in exhibits.
8. Grants to be used for scholarship purposes as follows:
  - a. \$1,400 from the Michigan Association of FFA, Lansing, for use in the College of Agriculture and Natural Resources to encourage students to enroll in agribusiness and natural resources education
  - b. \$2,500 from the Moorman Mfg. Co., Quincy, Ill., for scholarships for students in the College of Agriculture and Natural Resources
  - c. \$500 from the Anderson Foundation, Maumee, Ohio, for a recipient to be selected by the Institute of Agricultural Technology
  - d. \$200 from The Presser Foundation, Bryn Mawr, Pa., to be used by undergraduate students in the Music Department
  - e. \$1,500 from the George N. Horwich Scholarship, Chicago, Ill., for students in the School of Hotel, Restaurant and Institutional Management
  - f. \$500 from Hiram Walker, Inc., Detroit, for aid to deserving students in the School of Hotel, Restaurant and Institutional Management
  - g. \$750 from the Gannett Newspaper Foundation, Rochester, N.Y., for a student in the School of Journalism
  - h. \$2,000 from the Amoco Foundation, Inc., Chicago, Ill., to be used for students in the field of mechanical engineering
  - i. \$1,500 from the Koppers Company Foundation, Pittsburgh, Pa., for three \$500 scholarships for minority and female chemical and mechanical engineering majors
  - j. \$6,332 from the U.S. Department of Justice to be used in the Law Enforcement Education Program for grants and loans for students studying in the School of Criminal Justice and related areas.
  - k. \$78.23 from the Estate of Lucile Kays Miller for use per instructions in the will of Lucile Kays Miller
  - l. \$1,500 from the State Beverage Co., Lansing, to be deposited in the general scholarship fund
9. Grants as follows to the MSU Development Fund:
  - a. \$1,000 from Edward C. Cantino, East Lansing, for Blastoclastiella research - student support
  - b. \$2,804 from various donors for various athletic accounts
  - c. \$148.75 (consisting of 5 shares of Michigan National Corp. stock) from Mr. and Mrs. Russell Fairles, East Lansing, as an unrestricted gift.

## B. GIFTS AND GRANTS, cont.

October 27-28, 1977

Gifts and  
Grants

10. Grant of \$150,000 from the Cooperative State Research Service/USDA, Washington, D.C., to be used under the direction of S. K. Ries in the Agricultural Experiment Station to support the North Central Leader Laboratory program for minor use pesticides research, to supplement the IR-4 project.
11. Grant of \$66,000 from the Agency for International Development, Washington, D.C., to be used under the direction of Darrell Fienup in Agricultural Economics for rural sector planning and policy analysis in Latin American and Caribbean countries.
12. Grant of \$300 from the JENO Company, Duluth, Minnesota, to be used under the direction of Mary D. Zehner in Agricultural Economics to defray computer costs (coding, key-punch, verifying) in the evaluation of canned purple plums conducted by Consumer Preference Panels.
13. Grant of \$3,500 from Cannery Machinery Limited, Ontario, Canada, to be used under the direction of Clarence M. Hansen in Agricultural Engineering to improve mechanical strawberry harvester/capper.
14. Grant of \$2,500 from the Michigan Concord Grape Production Res. Fund, to be used under the direction of B. F. Cargill in Agricultural Engineering for grape research relating to trash removal during the harvest period.
15. Grant of \$2,500 from Morrison's, Inc., Williamsburg, to be used under the direction of Clarence M. Hansen in Agricultural Engineering as support toward cherry pitter analysis.
16. Grant of \$900 from Nutriseed, Inc., Drayton, North Dakota, to be used under the direction of W. G. Bergen in Animal Husbandry for nutrient analysis of new varieties of triticale and corn seeds.
17. Grant of \$2,500 from Pioneer Hi Bred International, Inc., Tipton, Indiana, to be used under the direction of W. G. Bergen in Animal Husbandry to test the nutritional efficacy of silage treatment, Sila-Bac<sup>TM</sup>.
18. Grant of \$500 from Academic Press, Inc., San Francisco, California, to be used under the direction of N. E. Tolbert in Biochemistry for editing of "The Biochemistry of Plants, Volume 1: The Plant Cell."
19. Grant of \$25,000 from the National Science Foundation to be used under the direction of Steven D. Aust in Biochemistry in lipid peroxidation.
20. Grant of \$61,080 from the National Institutes of Health to be used under the direction of John A. Boezi in Biochemistry for research on Phosphonocetic Acid: Antiviral and Cytotoxic Action
21. Grant of \$1,500 from the American Cyanamid Co., Princeton, New Jersey, to be used under the direction of Alan L. Jones in Botany and Plant Pathology to evaluate experimental fungicide AC 900, 844 for the control of tree fruit diseases.
22. Grant of \$2,000 from the American Cyanamid Co., Wayne, New Jersey, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of Dodine and AC800994 on major diseases of apple and tart cherries.
23. Grant of \$500 from The Boots Co. Ltd., Nottingham, England, to be used under the direction of M. V. Wiese in Botany and Plant Pathology to support the testing of three chemicals for control of wheat diseases.
24. Grant of \$700 from The Boots Co. Ltd., Nottingham, England, to be used under the direction of J. M. Vargas in Botany and Plant Pathology to test the fungicide for control of turf diseases.
25. Grant of \$3,000 from The Boots Co. Ltd., Nottingham, England, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study activity of experimental fungicide and bactericide against major tree fruit fungal diseases and fire-blight of pear and apple.
26. Grant of \$500 from the Diamond Shamrock Corp., Cleveland, Ohio, to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate irrigation application of chlorothalonil for control of tomato and potato diseases.
27. Grant of \$500 from E. I. duPont de Nemours & Co., Wilmington, Delaware, to be used under the direction of D. C. Ramsdell in Botany and Plant Pathology to aid in the testing of fungicides for disease control in grapes and blueberries.
28. Grant of \$300 from the Lakeshore Equipment & Supply Co., Elyria, Ohio, to be used under the direction of J. M. Vargas in Botany and Plant Pathology to evaluate turf grass fungicides.
29. Grant of \$2,000 from the Michigan Concord Grape Production Research Fund to be used under the direction of D. C. Ramsdell in Botany and Plant Pathology to support research on fungus and virus diseases of grapes.

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30. Grant of \$500 from the Swift Chemical Co., Bartow, Florida, to be used under the direction of J. M. Vargas in Botany and Plant Pathology to evaluate turf grass fungicides.
31. Grant of \$2,000 from Canadian Industries Limited, London, Ontario, Canada, to be used under the direction of P. E. Rieke in Crop and Soil Sciences for research on CIL sulphur coated urea.
32. Grant of \$12,600 from Great Lakes Hybrids, Ovid, to be used under the direction of E. C. Rossman in Crop and Soil Sciences for continuing corn research.
33. Grant of \$600 from Helena Chemical Co., Memphis, Tennessee, to be used under the direction of E. C. Rossman in Crop and Soil Sciences for work on Dinitro as a growth stimulant in corn production.
34. Grant of \$1,200 from the National Science Foundation to be used under the direction of P. S. Carlson in Crop and Soil Sciences for supplies and miscellaneous support of Carole Meredith fellowship.
35. Grant of \$4,250 from various donors to be used under the direction of W. F. Meggitt in Crop and Soil Sciences to investigate herbicide effects on weed control.
36. Grant of \$5,000 from Abbott Laboratories, North Chicago, Illinois, to be used under the direction of H. D. Hafs in Dairy Science to determine reproductive endocrine changes during synchronization of estrus with progesterone pessaries.
37. Grant of \$4,850 from Calor Agriculture Research, Okemos, to be used under the direction of J. T. Huber in Dairy Science to compare bactolac with soybean meal.
38. Grant of \$2,150 from Calor Agriculture Research, Okemos, to be used under the direction of J. T. Huber in Dairy Science to compare bactolac with soybean meal as primary protein supplement in starter rations for young dairy calves.
39. Grant of \$2,000 from Calor Agriculture Research, Okemos, to be used under the direction of J. T. Huber in Dairy Science to determine true protein content of silage treated with varying levels of ammonia.
40. Grant of \$4,982 from Calor Agriculture Research, Okemos, to be used under the direction of J. T. Huber in Dairy Science to determine the level at which FACW depresses milk production in rations for lactating cows.
41. Grant of \$15,000 from Great Northern Feeds, Detroit, to be used under the direction of R. M. Cook in Dairy Science to study the use of wet brewers yeast and wet brewers grains in rations for cattle.
42. Grant of \$45,700 from the National Institute of Arthritis, Metabolism and Digestive Diseases to be used under the direction of E. M. Convey in Dairy Science to determine factors which control prolactin concentration in serum of cattle by influencing prolactin release from the pituitary or clearance from serum.
43. Grant of \$45,634 from the National Institute of Child Health and Human Development to be used under the direction of H. A. Tucker in Dairy Science to alter serum prolactin with various photoperiod regimens and measure subsequent milk production.
44. Grant of \$3,000 from The Upjohn Co., Kalamazoo, to be used under the direction of H. A. Tucker in Dairy Science to screen various drugs for their ability to increase serum growth hormone concentrations.
45. Grant of \$375 from various donors to be used under the direction of H. D. Hafs in Dairy Science to be added to the Michigan Dairy Memorial Scholarship Foundation in memory of Ken Voelker and Jim Frey.
46. Grant of \$2,000 from the American Cyanamid Co., Princeton, New Jersey, to be used under the direction of R. F. Ruppel and A. L. Wells in Entomology for research on insects infesting field and truck crops and management of field and forage crop insects in Michigan.
47. Grant of \$500 from E-Z Flo Chemical Co., Lansing, to be used under the direction of G. W. Bird in Entomology for nematode population management in Michigan crop production.
48. Grant of \$1,800 from the Gulf Oil Corp., Merriam, Kansas, to be used under the direction of A. J. Howitt in Entomology for research on fruit tree insects.
49. Grant of \$7,500 from the Maine Department of Conservation to be used under the direction of G. A. Simmons in Entomology to determine silvicultural guidelines for the maximization of spruce budworm mortality through dispersal losses and natural enemy pressures.
50. Grant of \$1,500 from the Michigan Concord Grape Production Research Fund to be used under the direction of A. J. Howitt in Entomology for research on cutworm and flea beetle control in grapes.

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51. Grant of \$750 from Nor-Am Agricultural Products, Inc., Woodstock, Illinois, to be used under the direction of G. W. Bird in Entomology for nematode population management in Michigan crop production.
52. Grant of \$12,500 from the U.S. Department of Commerce to be used under the direction of J. E. Bath in Entomology for environmental monitoring.
53. Grant of \$2,050 from various donors to be used under the direction of A. L. Wells in Entomology for research on insects infesting field and truck crops.
54. Grant of \$23,344 from the Michigan Department of Natural Resources to be used under the direction of S. F. Kinzel in Fisheries and Wildlife to provide employment for youth in the development and maintenance of our natural resources.
55. Grant of \$1,500 from The Burroughs Wellcome Fund, Research Triangle Park, North Carolina, to be used under the direction of G. A. Leveille in Food Science and Human Nutrition to cover honorarium, travel and miscellaneous expenses for Dr. George Bray, Wellcome Visiting Professor in Nutrition.
56. Grant of \$3,600 from Sunkist Growers, Inc., Van Nuys, California, to be used under the direction of J. N. Cash in Food Science and Human Nutrition to determine the consumer perception of slightly frosted orange fruit.
57. Grant of \$9,000 from the U.S.D.A. Forest Service, North Central Forest Experiment Station, St. Paul, Minnesota, to be used under the direction of R. S. Manthy in Forestry to analyze costs of alternative methods of dispersing municipal and industrial sewage sludges and agricultural processing wastes on forested lands.
58. Grant of \$1,000 from the American Cyanamid Co., Princeton, New Jersey, to be used under the direction of A. R. Putnam in Horticulture to support on-going research programs relating to the study of herbicides on fruit and vegetable crops.
59. Grant of \$5,000 from Koppes Plants, Watsonville, California, to be used under the direction of W. H. Carlson in Horticulture for strawberry plant research.
60. Grant of \$2,500 from the Michigan Concord Grape Production Research Fund to be used under the direction of G. S. Howell in Horticulture to support research in progress on grapes with emphasis on cold hardiness and vineyard management.
61. Grant of \$500 from Rohm and Haas Co., Philadelphia, Pa., to be used under the direction of A. R. Putnam in Horticulture to support on-going research programs relating to evaluation of herbicides on tree fruits.
62. Grant of \$600 from Vaughan's Seed Co., Ovid, to be used under the direction of W. H. Carlson in Horticulture to support on-going bedding plant programs.
63. Grant of \$1,000 from the Velsicol Chemical Corporation, Chicago, Ill., to be used under the direction of A. R. Putnam in Horticulture to support on-going research programs relating to horticulture crops.
64. Grant of \$2,500 from Morbark Industries, Inc., Winn, to be used under the direction of C. J. Mackson in Packaging as a contribution toward FAO/ECE study tour held in September 1977.
65. Grant of \$225 from various donors for unrestricted use under the direction of C. J. Mackson in Packaging for packaging education.
66. Grant of \$6,500 from the U.S. Department of Interior, Washington, D.C., to be used under the direction of S. Omoto in Art for an inventory of historic sites on mainland portion and North Manitou Island of Sleeping Bear Dunes National Lakeshore.
67. Grant of \$17,860 from the English Language Education Council, Inc., Tokyo, Japan, to be used under the direction of S. Imamura in the English Language Center to increase the English language facility of 60 Japanese teachers, businessmen and students and to familiarize them with American culture.
68. Grant of \$85.10 from Mrs. Helen Green, East Lansing, for unrestricted use under the direction of R. J. Lewis in the College of Business.
69. Grant of \$1,000 from Touche Ross & Co., Detroit, to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for faculty development.
70. Grant of \$3,500 from Consumers Power Co., Jackson, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
71. Grant of \$3,000 from the Continental Telephone Corp., Atlanta, Georgia, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
72. Grant of \$3,500 from the Detroit Edison Co., Detroit, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.

73. Grant of \$1,500 from the Mid-Continent Telephone System, Hudson, Ohio, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
74. Grant of \$3,500 from the Natural Gas Pipeline Co. of America, Chicago, Ill., to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
75. Grant of \$3,500 from Northern Illinois Gas, Aurora, Ill., to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
76. Grant of \$1,500 from the Rochester Telephone Corp., Rochester, N.Y., to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
77. Grant of \$3,500 from the Texas Eastern Transmission Corp., Houston, Texas, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
78. Grant of \$20,166 from the Rehabilitation Services Administration, Washington, D.C., to be used under the direction of L. F. Deal in Audiology and Speech Sciences for traineeships in speech pathology and audiology.
79. Grant of \$3,060 from various donors to be used under the direction of R. C. Morris in Communication for the development and presentation of workshops which introduce the participants to principles of effective communication and management and to the role of communication in the modernization process.
80. Grant of \$4,500 from the Michigan Association of Secondary School Principals to be used under the direction of P. A. Cusick in Administration and Higher Education for expenses associated with the editing of the MASSP journal, Secondary Education Today.
81. Grant of \$48,493 from the U.S. Office of Education to be used under the direction of H. Hickey in Administration and Higher Education to offer a series for inservice training of elementary principals emphasizing the development of management skills necessary for administering a comprehensive community education program.
82. Grant of \$9,120 from the Ingham Intermediate School District, Mason, to be used under the direction of W. A. Mehrens in Counseling, Personnel Services and Educational Psychology to set up an office of planning and evaluation.
83. Grant of \$145,819 from the U.S. Office of Education - Bureau of Education for the Handicapped, to be used under the direction of J. A. Wessel in Health, Physical Education and Recreation to compare the effects of two alternative approaches to the delivery of physical education services to SMR children (ages 5-14) and the relationships which exist between selected contextual instructional, student and teacher variables and outcomes.
84. Grant of \$250 from the Michigan Council for the Social Studies to be used under the direction of R. Niemeyer in Student Teaching and Professional Development to pay postage, telephone, duplication, stationery charge in support of the Executive Secretary's Office, Michigan Council for the Social Studies.
85. Grant of \$36,017 from the Air Force Office of Scientific Research, Bolling Air Force Base, D.C., to be used under the direction of R. L. Kerber in the Division of Engineering Research for the continuation of a theoretical research program on the study of rotational nonequilibrium effects in pulsed chemical lasers.
86. Grant of \$30,178 from the Central Solar Energy Research Corp., Detroit, to be used under the direction of H. E. Koenig, J. Asmussen, and H. R. Zapp in the Division of Engineering Research to assist in planning a Regional Solar Energy Center for the North Central States.
87. Grant of \$4,500 from the Ingham Intermediate School District, Mason, to be used under the direction of J. B. Eulenberg and M. Rahimi in the Division of Engineering Research to initiate a program which will provide professional services and technological aids for students who experience severe communication handicaps.
88. Grant of \$70,000 from the Executive Office, State of Michigan, to be used under the direction of W. C. Taylor in the Division of Engineering Research for the creation and implementation of an executive science advisory mechanism (Phase II).
89. Grant of \$1,701 from the University of Michigan, Ann Arbor, to be used under the direction of W. C. Taylor in the Division of Engineering Research to furnish technical support services for the Michigan transportation research program.
90. Grant of \$6,700 from the National Science Foundation to be used under the direction of K. Chen in the Division of Engineering Research for the purchase of a microwave amplifier and a RF amplifier for research programs on the interaction of electromagnetic fields with biological systems.

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91. Grant of \$10,600 from the National Science Foundation to be used under the direction of B. Weinberg in the Division of Engineering Research for the purchase of scientific equipment for use in the Department of Computer Science.
92. Grant of \$13,300 from the National Science Foundation to be used under the direction of D. K. Anderson in the Division of Engineering Research for a liquid scintillation counting system to be used in fundamental research projects. The projects involve liquid diffusion studies, transport in biological tissue and enzyme separation.
93. Grant of \$16,900 from the National Science Foundation to be used under the direction of J. F. Foss in Engineering Research towards the purchase of a direct memory access interface unit and related instrumentation for fluid mechanics experiments.
94. Grant of \$4,000 from the U.S. Department of Transportation to be used under the direction of W. C. Taylor in the Division of Engineering Research for a fellowship grant to Kirk A. Branson by the Federal Highway Administration.
95. Grant of \$4,000 from the U.S. Department of Transportation to be used under the direction of W. C. Taylor in the Division of Engineering Research for a fellowship grant to J. J. Saller by the Federal Highway Administration.
96. Grant of \$1,000 from the United Nations Educational, Scientific and Cultural Organization, Paris, France, to be used under the direction of R. Rosenberg in Mechanical Engineering to pay costs of travel, purchase of technical books, and copying costs while Dr. Necdet Sen is visiting from Turkey.
97. Grant of \$8,452.16 from the Michigan Department of Education to be used under the direction of M. R. Parkhurst in Family Ecology for a project for communication among home economics educators.
98. Grant of \$44,012 from the University of Michigan to be used under the direction of J. T. Parmeter in the Dean's Office, College of Human Medicine, to provide medical students an opportunity for a traineeship in a practicing physician's office through the Primary Care Preceptorship Program.
99. Grant of \$47.10 from Richard E. Honicky, M.D., Lansing, to be used under the direction of M. Faber in the College of Human Medicine for the adolescent medicine program.
100. Grant of \$101,681 from the National Institutes of Health to be used under the direction of Rexford E. Carrow in Anatomy for Muscular Dystrophy: Alternations Mediated by Exercise.
101. Grant of \$10,000 from the National Institutes of Health to be used under the direction of C. C. Sweeley in Biochemistry for the Fourth International Symposium on Glycoconjugates.
102. Grant of \$1,700 from the Michigan Department of Public Health to be used under the direction of S. Kapur in Human Development to support the salary of a genetics graduate student (doctorate level) who will interview patients and families to gather pertinent information; for secretarial help and supplies.
103. Grant of \$25,000 from The National Foundation - March of Dimes, to be used under the direction of J. V. Higgins in Human Development for research on Chromosomal Polymorphism; an attempt to map genes on the human chromosome.
104. Grant of \$1,315,152 from the National Heart, Lung and Blood Institute to be used under the direction of J. J. Jones in the Department of Medicine for the hypertension detection and follow-up program.
105. Grant of \$58,290 from the National Institute on Drug Abuse to be used under the direction of T. Akera in Pharmacology for research on opiate receptor and cell membrane functions.
106. Grant of \$500 from The Upjohn Co., Kalamazoo, to be used under the direction of T. Emerson in Physiology for payment of travel expenses to Germany to present a paper.
107. Grant of \$48,252 from the National Center for Health Services Research to be used under the direction of R. S. Gallin in the Office of Health Services Education and Research to develop and test a theory about high utilizers of primary care services in order to develop data that can be used to improve the quality, effectiveness and efficiency of the health care delivered to patients who use high levels of services in response to ill-defined conditions.
108. Grant of \$300 from Charles R. Sowder, East Lansing, to be used under the direction of M. Harrison in Lyman Briggs College for research on the efficacy of selenium in decreasing methylmercury toxicity: a neurological and chemical study.
109. Grant of \$1,050 from various donors to be used under the direction of C. C. Sweeley in Biochemistry for support of a joint United States-Japan seminar on "Structural and Functional Significance of Membrane Glycolipids."
110. Grant of \$125,000 from the International Nickel Co., New York, N.Y., to be used under the direction of B. Rosenberg in Biophysics for research on the anti-cancer activities of the platinum metal group complexes.

111. Grant of \$99,251 from the National Institute of General Medical Sciences to be used under the direction of H. T. Tien in Biophysics for research on bimolecular lipid membranes.
112. Grant of \$750 from the United Nations Educational, Scientific and Cultural Organization to be used under the direction of M. A. El-Bayoumi in Biophysics for supplies and local travel for M. Emara in the study of bimolecular interactions using fluorescence, stopped-flow techniques.
113. Grant of \$40,000 from the National Science Foundation to be used under the direction of R. Schwendeman in Chemistry for studies of molecular structure and energy transfer by microwave and infrared-laser spectroscopy.
114. Grant of \$45,894 from the U.S. Air Force to be used under the direction of M. J. Weaver in Chemistry for studies of the correlation of electrode kinetics with molecular structure.
115. Grant of \$1,000 from the Hunt Energy Corporation, Dallas, Texas, to be used under the direction of F. W. Cambray in Geology as educational aids to be awarded to first or second year teaching assistants who are working towards their Master's degree.
116. Grant of \$29,000 from the National Science Foundation to be used under the direction of J. Bass, F. J. Blatt, W. P. Pratt, and P. A. Schroeder in Physics for improvements to ultra-low temperature facilities.
117. Grant of \$45,000 from the National Science Foundation to be used under the direction of L. G. Robbins in Zoology for the Examination of the Relationship of Genetic Organization to Chromosome Behavior.
118. Grant of \$47,498 from the National Institutes of Health to be used under the direction of R. N. Band in Zoology for the study of Physiology of Acanthamoeba and Entamoeba.
119. Grant of \$36,500 from the National Science Foundation to be used under the direction of R. G. Wetzel in the Kellogg Biological Station for studies of landscape environmental processes: littoral zone primary production, decomposition, and fole in land water interactions.
120. Grant of \$70,000 from the National Science Foundation to be used under the direction of P. Werner in the Kellogg Biological Station for the study of plant populations in early old-field communities: an experimental approach.
121. Grant of \$3,260 from the Houghton Mifflin Co., Boston, Mass., to be used under the direction of G. Berkheimer in the Science and Mathematics Teaching Center to run workshops for the new science program "Modular Activities in Science" to train teachers how to use the program in schools.
122. Grant of \$93,316 from the National Cancer Institute to be used under the direction of V. M. Maher in the Dean's Office, College of Osteopathic Medicine, for studies on the interaction of carcinogens with DNA: repair of lesions.
123. Grant of \$65,386 from the National Institutes of Health to be used under the direction of J. J. McCormick in the Dean's Office, College of Osteopathic Medicine, for studies of the transformation of human cells by chemical carcinogens.
124. Unrestricted grant of \$100 from Louis D. Soverinsky, Pontiac, to be used under the direction of R. Fedore in the Dean's Office, College of Osteopathic Medicine.
125. Unrestricted grants totaling \$136.05 from various donors to be used under the direction of M. S. Magen in the Dean's Office, College of Osteopathic Medicine.
126. Grant of \$1,000 from D. L. McGroarty, Holt, to be used under the direction of J. I. Johnson in Biophysics for the purchase of equipment, supplies and services and for the payment of work-study student help.
127. Grant of \$29,355 from the National Institute of Allergy and Infectious Diseases to be used under the direction of J. Bennett in Pharmacology for the study of drug disruption of trematode physiological processes.
128. Grant of \$2,500 from the University of Michigan to be used under the direction of R. W. Leader and D. Craft in Pathology for supplies and services, travel, books, publications, and equipment for pericardial research.
129. Grant of \$7,925 from the Department of Health, Education and Welfare to be used under the direction of L. R. Dugan in Anthropology to study land tenure and the organization of irrigation and marketing in the southern uplands plain of the Yemen Arab Republic.
130. Grant of \$3,750 from the Wenner-Gren Foundation, New York, N.Y., to be used under the direction of D. J. Trakas and J. Spielberg in Anthropology for socio-cultural and biomedical research on the illness favism in rural Greece.

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131. Grant of \$6,900 from the National Institute of Mental Health to be used under the direction of S. T. Sakai and J. I. Johnson in Psychology for neuro-psychophysiological studies.
132. Grant of \$4,000 from The Energy Institute, University of Houston, Houston, Texas, to be used under the direction of D. L. Davis in Labor and Industrial Relations to study the impact of rising energy prices on low-income families with a view to formulating policies on energy for the nation.
133. Grant of \$15 from Joseph T. and Billie Cox, East Lansing, to be used under the direction of C. Goldschmidt in Urban Planning and Landscape Architecture for the Munson Award Account in memory of Albe Munson.
134. Grant of \$7,500 from the Michigan Office of Criminal Justice Programs, Lansing, to be used under the direction of L. Price in the Computer Institute for Social Science Research for the evaluation of juvenile delinquency, jail rehabilitation, drug, and other programs.
135. Grant of \$10,034.16 from the Michigan Office of Criminal Justice Programs, Lansing, to be used under the direction of J. H. McNamara and L. A. Price for a criminal justice system simulation with a Michigan data base (implementation and training project) in the Computer Institute for Social Science Research.
136. Grant of \$248,900 from the National Cancer Institute to be used under the direction of C. W. Welsch in Anatomy for studies and investigation of the prevention of the formation and progression of preneoplastic lesions of the mammary gland.
137. Grant of \$2,924.56 from the State Board of Agriculture of Colorado, Fort Collins, Colo., to be used under the direction of J. Williams in Microbiology and Public Health for research on the immunoparasitology of cysticercosis.
138. Unrestricted grant of \$6,285 from Miles Laboratories, Inc., Elkhart, Indiana, to be used under the direction of J. B. Hook in Pharmacology.
139. Grant of \$3,000 from the U.S. Public Health Service to be used under the direction of R. A. Bernard and W. J. Dalzell in Physiology as an institution fellowship allowance.
140. Unrestricted grant of \$25 from Stephanie Tupes, Chicago, Illinois, to be used under the direction of U. V. Mostosky in Small Animal Surgery and Medicine.
141. Grant of \$94,900 from the National Science Foundation to be used under the direction of H. J. Oyer in The Graduate School to provide new and continuing fellowships.
142. Grant of \$300 from the Hitachi Magnetics Corporation, Edmore, to be used under the direction of C. Wells in Continuing Education for expenses for the conference: A Midwestern Asian American Conference on November 17-19, 1978.
143. Grant of \$84,675 from the Office of Substance Abuse Services, Michigan Department of Public Health, Lansing, to be used under the direction of R. C. Anderson in Continuing Education to train police officers to obtain a basic understanding of the relationship of Public Acts 339 and 340 to developments in the treatment of alcohol use and abuse.
144. Grant of \$105,000 from the Department of Health, Education, and Welfare, U.S. Office of Education, to be used under the direction of J. M. Hunter in the African Studies Center to promote modern foreign languages and area studies of Africa.
145. Grant of \$1,037 from the Midwest Universities Consortium for International Activities, Inc., to be used under the direction of D. Wiley in the African Studies Center to close an account.
146. Grant of \$94,829 from the National Endowment for the Humanities to be used under the direction of D. Wiley in the African Studies Center for the evaluation of African audiovisual materials for instructional use in humanities education.
147. Grant of \$301,047.13 from the Ministry of Education and Culture, Government of Brazil, Brasilia, Brazil, to be used under the direction of J. M. Hunter in International Studies and Programs to collaborate in the expansion and improvement of graduate education in Brazil, particularly in agriculture, with additional emphasis in university planning and administration. This amount represents additional funds for library materials.
148. Grant of \$10,800 from the Office of Services to the Blind, Facilities Project, Department of Social Services, to be used under the direction of J. B. Hamilton in Special Programs, Provost's Office, for expansion of the reading resource room for blind students.
149. Grant of \$27,000 from the W. K. Kellogg Foundation, Battle Creek, to be used under the direction of R. E. Chapin in the Libraries to establish specifications and timetables for a cooperative computer program between MSU, University of Michigan, and Wayne State University.

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150. Grant of \$3,855 from the U.S. Office of Education to be used under the direction of R. E. Chapin in the Libraries for library materials.
151. Grant of \$10,035 from the U.S. Office of Education to be used under the direction of S. Chatterjee in the Instructional Media Center to provide new and improved equipment for use in support of instructional programs for the University.
152. Grant of \$296 from Watling, Lerchen & Co. to be used under the direction of R. D. Page in Instructional and Public TV to sponsor MSU hockey games.
153. Grant of \$500 from the Suits News Co., Lansing, to be used under the direction of R. D. Page in Instructional and Public TV to underwrite "Washington Week in Review."
154. Grants totaling \$45 from various donors to be used under the direction of R. Estell in Radio Broadcasting for operational costs of sub-channel broadcasts to the blind and physically handicapped and in the purchase of receivers.
155. Grant of \$182.60 from J. Frank Schmidt & Son Co., Boring, Oregon, to be used under the direction of M. Baron in Campus Park and Planning to increase the collection of rare landscape woody plants on the MSU campus.

Motion was made by Trustee Carrigan, seconded by Trustee Radcliffe, to accept the gifts and grants. Approved by a vote of 7 to 0. Trustee Smydra abstained.

C. OTHER ITEMS FOR ACTION1. University Property Insurance

Bids were received on October 3, 1977 for the University's property insurance program. Copy of the analysis distributed to the Trustees prior to the meeting is on file in the Secretary's Office.

It is recommended that the University purchase insurance coverage from Protection Mutual Insurance through Marsh & McLennan Agency. This recommendation was also concurred with by Warren, McVeigh & Griffin, risk management consultants, who were engaged by the University to assist in the bidding process.

This coverage is to begin November 9, 1977 for a three-year period with the intent to renew for an additional three years providing service and costs are satisfactory to the University.

RESOLVED that the above recommendation be approved.

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

2. 1978-79 Budget Requestsa. Operating Budget

It is recommended that the following 1978-79 operating budget requests be approved. Details were distributed to the Trustees and are filed in the Secretary's Office.

General Fund	\$202,393,100
Agricultural Experiment Station	14,915,649
Cooperative Extension Service	16,899,374

RESOLVED that the 1978-79 operating budget requests be approved.

Approved by a vote of 7 to 0 on motion by Trustee Stevens, seconded by Trustee Carrigan. Trustee Stack was not in the room at the time the vote was taken.

b. Capital Outlay

It is recommended that the 1978-79 capital outlay request be approved. Materials supporting this recommendation were distributed to the Trustees and are on file in the Secretary's Office.

RESOLVED that the 1978-79 capital outlay request be approved.

Approved by a vote of 5 to 0 on motion by Trustee Bruff, seconded by Trustee Carrigan. Trustees Carrigan, Smydra, and Stack were not present at the time the vote was taken.

3. Investment Reportsa. Sale of Stock

The 5 shares of Michigan National Corporation stock submitted for acceptance at this Board meeting were sold on September 19, 1977 for a net amount of \$136.40. This stock was a gift from Mr. and Mrs. Russell Fairles for the MSU Development Fund.

RESOLVED that the above report of the sale of stock be accepted.

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

Property  
Insurance1978-79 Budget  
RequestsInvestment  
Reports

C. OTHER ITEMS FOR ACTION, cont.

October 27-28, 1977

3. Investment Reports, cont.

Report of Investment Transactions

b. Investment Transactions

Following established Board procedures, Scudder, Stevens & Clark completed investment transactions as summarized in the schedules distributed to the Trustees, a copy of which is filed in the Secretary's Office.

RESOLVED that the above investment report be accepted.

Unanimously approved. Motion by Trustee Bruff, supported by Trustee Smydra.

4. Computer Laboratory and Data Processing

\$340,000 authorized for improvements to Computer Lab. and Data Processing

A proposal for strengthening personnel and facilities of the Computer Laboratory and Data Processing has been developed by the Vice President for Business and Finance and the Provost and distributed to the Trustees (copy on file in the Secretary's Office).

RESOLVED that the expenditure of \$340,000 be authorized during 1977-78 for improvements as specified in the Computer Laboratory and Data Processing.

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

5. Merger of Department of Community Medicine and Office of Health Services Education and Research

Merger of Community Med. and Health Serv. Ed. and Res. into Dept. of Community Health Science

The deans of the college of Osteopathic Medicine and the College of Human Medicine have recommended that the Department of Community Medicine (COM) and the Office of Health Services Education and Research (CHM) be merged into a single unit named the Department of Community Health Science, to be jointly administered by the two colleges. The mission statement for the proposed department, as submitted by the two deans, was distributed to the Trustees and a copy is filed in the Secretary's Office.

The recommendation is endorsed by the Provost and has been reviewed by the Board Committee on Health Programs.

RESOLVED that the Department of Community Medicine (College of Osteopathic Medicine) and the Office of Health Services Education and Research (College of Human Medicine) be combined, be named the Department of Community Health Science, and be jointly administered by the Colleges of Osteopathic and Human Medicine, effective January 1, 1978.

Approved by a vote of 7 to 0 on motion by Trustee Carrigan, seconded by Trustee Smydra. Trustee Radcliffe was out of the room at the time the vote was recorded.

6. Natural Gas Lease

Natural gas lease awarded to Reef Petroleum

It is recommended that the Board of Trustees grant a restricted drilling lease on the Jones property in Oakland County to Reef Petroleum of Traverse City, Michigan.

RESOLVED that the above recommendation be approved.

Approved by a vote of 7 to 0 on motion by Trustee Stevens, seconded by Trustee Bruff. Trustee Radcliffe was not in the room at the time the vote was taken.

7. Honorary Alumni Awards

Honorary Alumni Awards

The MSU Alumni Association has forwarded the following nominations for Honorary Alumni Awards:

Dr. Lois Lund, Dean, College of Human Ecology  
Mr. Karl Story, Story Oldsmobile, Inc.

RESOLVED that the above awards be approved.

Approved by a vote of 7 to 0 on motion by Trustee Bruff, supported by Trustee Carrigan. Trustee Radcliffe was not present at the time the vote was taken.

## C. OTHER ITEMS FOR ACTION, cont.

October 27-28, 1977

Revised Board  
Bylaws approved8. Board Bylaws Updating

During the years since the last printed version of the Bylaws of the Board of Trustees in 1965, there have been a number of amendments and some changes in acceptable descriptions of persons. The Bylaws as revised have been reviewed by Attorney Carr. Upon approval by the Trustees, the Bylaws will be reprinted.

RESOLVED that the Bylaws of the Board of Trustees, as revised (copy on file in the Secretary's Office) are approved.

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

After discussion regarding the desirability of reviewing the Bylaws for substantive changes, motion was made by Trustee Smydra, seconded by Trustee Stack to table the resolution. Motion to table failed -- Trustees Smydra, Stack, Krolikowski, and Martin voting Yes; Trustees Carrigan, Bruff, Radcliffe, and Stevens voting No.

Motion to approve the Bylaws as revised carried unanimously.

D. REPORTS TO THE BOARD1. President's Report

President Wharton had no reports to present.

In response to Trustee Bruff's question regarding a report on responding to the PBB film shown on Public Television, Vice President Cantlon responded that a report is being prepared and probably will be ready in the next 20 days.

2. Board Committee Reportsa. Audit Committee(1) Trustee Expenditure Guidelines

The Audit Committee unanimously recommended approval of the Trustee Expenditure Guidelines as revised. Copies of the proposed guidelines had been distributed to the Trustees and are filed in the Secretary's Office.

Motion was made by Trustee Bruff, seconded by Trustee Martin to approve the revised Trustee Expenditure Guidelines. Approved by a vote of 5 to 0. Trustees Carrigan, Stack, and Smydra were not present at the time the vote was taken.

(2) Special Audits

The Audit Committee recommended that an additional function of the committee be the selection of an auditor to perform special audits when such special audits are proposed. The committee's selection would then be submitted to the full Board for approval.

Motion was made by Trustee Bruff, seconded by Trustee Radcliffe to approve the above recommendation. Approved by a vote of 5 to 0. Trustees Carrigan, Stack, and Smydra were not in the room at the time the vote was taken.

(3) 1977-78 External Audit

The Audit Committee also recommended that Ernst & Ernst be engaged to conduct the external audit for the 1977-78 fiscal year.

Trustee Bruff's motion to approve this recommendation was supported by Trustee Stevens and approved by a vote of 6 to 0. Trustees Carrigan and Stack were not in the room at the time the vote was recorded.

b. Affirmative Action Committee

The following resolution was moved by Trustee Martin, supported by Trustees Radcliffe and Stevens.

WHEREAS, as early as 1935, the governing body of Michigan State College adopted a policy to provide equal opportunity to all students regardless of race or color; and

WHEREAS, the current Bylaws of the Board of Trustees of Michigan State University prohibit discrimination in employment or in treatment of students based on race, color, sex, creed or national origin; and

WHEREAS, since the adoption by the Federal government of laws and regulations promoting equal opportunity and affirmative action and prohibiting discrimination in higher education, Michigan State University has conscientiously sought to comply with the spirit and letter of such requirements; and

continued - - -

Trustee Expendi-  
ture Guidelines  
approvedAdded function  
of Trustee Audit  
Committee  
approvedErnst & Ernst  
to conduct  
1977-78 auditTrustees re-  
affirm dedica-  
tion to  
affirmative  
action

D. REPORTS TO THE Board, cont.

October 27-28, 1977

2. Board Committee Reports, cont.

b. Affirmation Action Committee, cont.

Affirmative action, cont.

WHEREAS, the so-called "Bakke Case" now before the U.S. Supreme Court has raised concern in many quarters that an adverse decision could wipe out the concept of affirmative action and end requirements that education institutions take affirmative steps to increase the representation of women and minorities among its faculty and staff; Therefore, be it

RESOLVED, that the Board of Trustees of Michigan State University wishes to go on record as strongly endorsing the nation's moral commitment to equal opportunity as embodied in the affirmative action concept and to further express its belief that the Supreme Court will recognize this commitment in its decision; and be it

FURTHER RESOLVED, that in any event, the Board of Trustees will not waver in its dedication to the principles of equal opportunity and that it will continue to take all such steps as it legally may to encourage and strengthen the representation of classes of individuals who have been denied in the past their full opportunity to participate in higher education.

Approved by a vote of 6 to 0. Trustees Carrigan and Stack were not in the room at the time the vote was taken.

3. Trustees' Expenses

Trustees' expenses for August 1977

Trustees' expenses paid in August 1977 totaled \$2,626.86, distributed as follows:

	<u>Bruff</u>	<u>Carrigan</u>	<u>Krolikowski</u>	<u>Martin</u>	<u>Radcliffe</u>	<u>Smydra</u>	<u>Stack</u>	<u>Stevens</u>
Long-distance Telephone Charges	\$ 12.99	\$ 7.99			\$ 48.68	\$ 64.54	\$ 5.58	\$ 5.52
Travel	422.30				1,106.50*	640.72**		90.00
Lodging and Subsistence			\$ 22.65					
University Entertainment					47.64	65.38		
Postage						3.28		1.59
Other			81.50					
Total	\$435.29	\$7.99	\$104.15	-0-	\$1,202.82	\$773.92	\$5.58	\$97.11

\*Includes \$926.50 for repairs for damage to University vehicle. University driver not at fault.

\*\*Includes \$290.72 for repairs for damage to University vehicle by hit and run driver.

E. ADDITIONAL ITEMS

1. Selection of New President

Trustees Bruff and Carrigan to work with campus groups to develop procedures for selection of new president

Motion was made by Trustee Stevens, seconded by Trustee Smydra, that the chairperson and vice chairperson of the Board be designated to work with the Academic Council, appropriate student, alumni, and other groups to develop procedures for selecting a new president. Approved by a vote of 7 to 0. Trustee Stack was not present at the time the vote was taken.

The meeting recessed at 11:45 a.m. During the recess the Trustees were luncheon guests of the Executive Board of the Alumni Association.

Also during the recess, State Representative Jackie Vaughn III presented Chairperson Carrigan with a concurrent resolution of the Michigan legislature honoring her for her selection as chairperson of the Board of Trustees and for her many contributions to MSU.

The Board reconvened at 1:45 p.m. in 103 A and B Kellogg Center.

Present: Trustees Carrigan, Bruff, Krolikowski, Martin, Smydra, Stack, and Stevens, all University officers, Faculty Liaison Group, Student Liaison Group.

Absent: Trustee Radcliffe.

1. Selection of New President, cont.

Discussion re procedures for selection of new president

President Wharton reviewed existing procedures for the selection of a president and noted the need for the Academic Council to update these procedures to fit current circumstances.

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1. Selection of New President, cont.

President Wharton's comments were followed by interaction between the Board and faculty and student members of the University community. This discussion explored a variety of views as to the composition of the Search and Selection Committee, criteria which might be employed in forming the Search and Selection Committee, desirable attributes in potential applicants for the presidency, and the timetable for and procedural considerations relative to the search and selection process.

From Trustees' comments it was apparent that this discussion had been helpful to them in better understanding the wide range of concerns which need to be considered in formulating procedures for the selection of a new president. It also appeared to be the consensus of the Board that it is essential for the final search and selection procedure to be one to which all parties concerned will willingly adhere.

President Wharton then commented that the search and selection process will take several months even under the most optimistic assumptions. He observed that, in his opinion, the selection of a president is a governing board's single most important action. In view of this fact, it is extremely important for the search and selection process to be conducted properly even though it might mean that the process extends over several months.

Adjourned at 3:45 p.m.



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President



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Secretary