

MINUTES OF THE MEETING
of the
MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
December 8-9, 1977

President Wharton called the meeting to order in the Board Room in the Administration Building at 3:04 p.m., December 8.

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

Trustee Stack arrived during the discussion of the presidential search and selection process.

Absent: Trustee Krolikowski; Secretary Ballard.

1. Approval of Proposed Agenda

Motion was made by Trustee Radcliffe, supported by Trustee Bruff, to approve the agenda. Carried by a vote of 6 to 0.

2. Approval of October 27-28 Minutes

On motion by Trustee Carrigan, seconded by Trustee Radcliffe, it was unanimously voted to approve the October 27-28, 1977 minutes.

3. Discussion of Presidential Search and Selection Procedures

A report titled "Procedure for Selecting the President of the University -- A Report to the Academic Council of Michigan State University," prepared by the Ad Hoc Committee to Develop a Procedure for the Selection of a President, as amended through the December 6, 1977 Academic Council meeting, was distributed to the Trustees. During the discussion that followed, Trustee Bruff outlined alternatives open to the Trustees in the selection of a president. He also suggested changes in the December 6 Academic Council document which would make that procedure acceptable to him. The possibility of advertising the position before the guidelines are finalized was discussed as a means of expediting the process. Further discussion of the procedures was scheduled for the December 9 afternoon session of the Board.

Discussion of Presidential Search and Selection Procedures

Trustees Emeritus Frank Merriman and Warren Huff were in the audience and Mr. Merriman read an open letter to the Board from former Board members offering their advice and counsel in the selection of a new president. He also emphasized that the ultimate responsibility for selecting a new president belongs to the Board.

Letter from former Trustees re selection of new president read by Trustee Emer. F. Merriman

Recessed at 4:16 p.m.

The Board reconvened in Room 101 Kellogg Center at 7:00 p.m. for the Public Comments session.

Present: All Trustees except Krolikowski; Executive Advisory Council except Secretary Ballard; Faculty Liaison Group; Student Liaison Group.

Presentations were made by Bob Repas, Professor Labor and Industrial Relations, relative to a report on MSU Department of Public Safety political surveillance, and by Laura Robles, representing the Chicano Students for Progressive Action, regarding counseling for Chicano students.

Public Comment presentations re political surveillance and counseling for Chicano students

Recessed at 7:35 p.m.

The Board reconvened in the Board Room in the Administration Building at 10:15 a.m., December 9.

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

Absent: Trustee Krolikowski; Secretary Ballard.

A. PERSONNEL CHANGES

Resignations

1. Johne R. Criner, Extension Home Economist, Wayne and Oakland Counties, December 31, 1977, because her performance does not warrant continued employment.
2. Richard N. Haueter, Extension Agricultural Agent, Saginaw County, November 30, 1977, to accept employment with the Michigan Engery Administration, Lansing.
3. William E. Lasher, Extension Agricultural Agent, Clinton County, November 18, 1977, to accept a position with the Michigan Department of Agriculture.
4. Kelly M. Harrison, Associate Professor, Agricultural Economics, October 31, 1977, to accept a position with the Federal government.

Resignations

A. PERSONNEL CHANGES, cont.

December 8-9, 1977

Resignations

Resignations, cont.

5. Donald S. Henley, Professor, Marketing and Transportation Administration, August 31, 1978, for personal reasons.
6. Thomas W. Peterman, Specialist, Dean's Office, College of Education, October 31, 1977, to take a position with the Lansing Public Schools.
7. William Kiekhofer, Professor, Obstetrics, Gynecology, and Reproductive Biology, October 31, 1977, to accept a position at the University of Oklahoma.
8. Roger C. Stimson, Jr., Associate Professor, Justin Morrill College, December 31, 1977, to devote full time to his psychotherapy practice.
9. George E. Kleiber, Associate Professor, Osteopathic Medicine, June 30, 1977, to join the Mid-Michigan Group.
10. Sandra L. Gustafson, Instructor, American Thought and Language, August 31, 1978, because of non-completion of Ph.D. degree.
11. Donald D. Fink, Director, University Regional Consortium Center, Continuing Education Service, January 31, 1978, because of reorganization of the Consortium Center.

Sabbatical
LeavesLeaves--Sabbatical

1. A. Earl Erickson, Professor, Crop and Soil Sciences, with full pay, January 1, 1978 through March 31, 1978, to study at the University of Hawaii.
2. Howard E. Johnson, Professor, Fisheries and Wildlife, with full pay, January 1, 1978 through June 30, 1978, to study in Greece and travel in Europe.
3. Daniel E. Chappelle, Professor, Resource Development and Forestry, with full pay, March 20, 1978 through September 15, 1978, to study in Finland, Scandinavia, and East Lansing.
4. Ted W. Ward, Professor, Secondary Education and Curriculum and Institute for International Studies in Education, with full pay, June 16, 1978 through December 15, 1978, to study in Ireland, England, France, Switzerland, Yugoslavia, and East Lansing.
5. Eileen M. Earhart, Professor and Chairman, Family and Child Sciences, with full pay, September 15, 1978 through March 15, 1979, to study and write in East Lansing, and travel to programs serving parents and children in the United States.
6. Paul O. Fromm, Professor, Physiology, with full pay, from January 1, 1978 through March 31, 1978, and from January 1, 1979 through March 31, 1979, to conduct research at Arizona State University and travel in western United States.
7. Denton E. Morrison, Professor, Sociology, with half pay, January 1, 1978 through December 31, 1978, to study in Washington, D.C.
8. Jack Stieber, Professor and Director, Labor and Industrial Relations, with full pay, April 1, 1978 through June 30, 1978, to study in Great Britain and Europe.
9. Bruce E. Curtis, Professor, American Thought and Language, with half pay, September 1, 1978 through August 31, 1979, to study and travel in Michigan and Europe.
10. F. Richard Thomas, Associate Professor, American Thought and Language, with half pay, September 1, 1978 through August 31, 1979, to study and write.
11. Joseleyne S. Tien, Associate Professor, American Thought and Language, with full pay, October 1, 1978 through December 31, 1978, to study and travel in East Lansing, Ohio, and Washington, D.C.

Medical
LeavesLeaves--Medical

1. Florence Harris, Specialist and Assistant Director, Support Services, Special Programs, with full pay, October 17, 1977 through December 11, 1977.

Other Leaves

Leaves--Other

1. Leo W. Dorr, County Extension Director, Genesee County, with full pay, January 1, 1978 through June 30, 1978, to study at MSU.
2. Robert J. Van Klompenberg, District Extension Horticulture and Marketing Agent, Ottawa, Kent, Newaygo, and Muskegon Counties, with full pay, January 23, 1978 through April 23, 1978, to study and travel in Florida, California, and Colorado.
3. James T. Bonnen, Professor, Agricultural Economics, without pay, January 1, 1978 through December 31, 1978, to head a task force in the Office of Management and Budget, Washington, D.C.
4. Herbert C. Kriesel, Professor, Agricultural Economics, without pay, November 18, 1977 through December 31, 1977, for personal reasons.

A. PERSONNEL CHANGES, cont.

December 8-9, 1977

Leaves--Other, cont.

5. Howard E. Johnson, Professor, Fisheries and Wildlife, without pay, July 1, 1978 through September 30, 1978, to study at the University of Wyoming.
6. William P. Pratt, Jr., Associate Professor, Physics, without pay, January 1, 1978 through April 30, 1978, to collaborate on an applied physics project at Los Alamos Scientific Laboratory, Los Alamos, New Mexico.
7. Jonathan C. Pumplun, Associate Professor, Physics, without pay, January 1, 1978 through April 30, 1978, to study at the University of California, San Diego.

Other Leaves

Transfers and Changes in Assignment

1. Transfer John R. Aylsworth from 4-H Youth Agent, Clinton, Gratiot, and Shiawassee Counties, to Program Leader, 4-H Youth Programs, with an increase in salary to \$23,650 per year on a 12-month basis, effective December 1, 1977 through March 31, 1979. J. R. Aylsworth
2. Change Georgene Bourdeau from County Extension 4-H Youth Agent, St. Clair County, to Extension 4-H Youth Agent, St. Clair and Macomb Counties, effective January 1, 1978. G. Bourdeau
3. Change Dale H. Brose from County Extension 4-H Youth Agent, Branch County, to Extension 4-H Youth Agent, Branch, Hillsdale, and Calhoun Counties effective January 1, 1978. D. H. Brose
4. Change William J. Hamilton from County Extension Director, Huron County, to Regional Extension Farm Management Agent, East Central, effective December 1, 1977. W. J. Hamilton
5. Cancel leave of absence with full pay for Richard W. Hill, Extension 4-H Youth Agent, Eaton and Barry Counties, effective September 29, 1977 through December 15, 1977 and March 29, 1978 through June 8, 1978. R. W. Hill
6. Transfer Robert A. Johnson from Extension 4-H Youth Agent, Huron, Sanilac, and Tuscola Counties, to County Extension Director, Huron County, with an increase in pay to \$17,150 per year on a 12-month basis, effective December 1, 1977. R. A. Johnson
7. Change Donald R. Jost from County Extension 4-H Youth Agent, Ingham County, to Program Leader, 4-H Youth Programs, effective February 1, 1978. D. R. Jost
8. Transfer Donald A. Lusch from County Extension 4-H Youth Agent, Calhoun County, to Extension 4-H Youth Agent, Calhoun, Hillsdale, and Branch Counties, effective January 1, 1978. D. A. Lusch
9. Transfer Linda G. Nierman from Extension Home Economist, Genesee County, to Associate Program Director, Family Living Education, with an increase in salary to \$25,050 per year on a 12-month basis, effective January 1, 1978. L. G. Nierman
10. Transfer Robert J. Rice from 4-H Youth Agent, Monroe, Lenawee, and Washtenaw Counties, to Extension 4-H Youth Agent, Kalamazoo and St. Joseph Counties, effective December 15, 1977. R. J. Rice
11. Transfer Margaret A. Ross, Extension Home Economist, from Huron, Tuscola, and Sanilac Counties to Eaton County, effective January 1, 1978. M. A. Ross
12. Transfer Joye E. Schmidt from County Extension 4-H Youth Agent, Hillsdale County, to Extension 4-H Youth Agent, Hillsdale, Branch, and Calhoun Counties, effective January 1, 1978. J. E. Schmidt
13. Transfer Lucille A. Slinger, Extension 4-H Youth Agent, from Gratiot, Shiawassee, and Clinton Counties, to Barry, Ionia, and Montcalm Counties, effective December 1, 1977. L. A. Slinger
14. Transfer Earl W. Threadgould, Jr., Extension 4-H Youth Agent, from At Large to Ingham, Eaton, and Livingston Counties, effective December 1, 1977. E. W. Threadgould, Jr.
15. Add assignment to Animal Husbandry for Robert H. Douglas, Assistant Professor, Physiology, effective July 1, 1977. R. H. Douglas
16. Eliminate June 30, 1979 ending date of appointment and change to "in job security system" from "with job security" for Emmett A. Shields, Specialist, Agricultural Engineering and Institute of Agricultural Technology. E. A. Shields
17. Discontinue assignment of J. James Kielbaso, Associate Professor, Forestry, as Interim Assistant Director, Office of Academic and Student Affairs, College of Agriculture and Natural Resources, effective September 1, 1977. J. J. Kielbaso
18. Dual assignment of Merle L. Esmay, Professor, to Agricultural Engineering and the Institute of Agricultural Technology, effective July 1, 1977. M. L. Esmay
19. Dual assignment of John B. Gerrish, Assistant Professor, to Agricultural Engineering and the Institute of Agricultural Technology, effective July 1, 1977. J. B. Gerrish

Transfers and
Changes in
Assignment

A. PERSONNEL CHANGES, cont.

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Transfers and Changes in Assignment, cont.Transfers and
Changes in
Assignment

- R. L. Ledebuhr 20. Dual assignment of Richard L. Ledebuhr, Specialist, to Agricultural Engineering and the Institute of Agricultural Technology, effective July 1, 1977.
- G. E. Merva 21. Dual assignment of George E. Merva, Professor, to Agricultural Engineering and the Institute of Agricultural Technology, effective July 1, 1977.
- C. M. Scotton 22. Change Carol M. Scotton, Associate Professor, Linguistics and Oriental and African Languages and the African Studies Center, from in the tenure system to tenured status, effective September 1, 1977.
- K. P. Anderson 23. Change Keith P. Anderson from Professor and Director, School of Advanced Studies in Education, at a salary of \$31,525 per year, to Professor, Secondary Education and Curriculum, at a salary of \$30,925 per year on a 12-month basis, effective November 1, 1977.
- R. H. Useem 24. Add assignment to Secondary Education and Curriculum effective October 1, 1977 for Ruth H. Useem, Professor, Institute for International Studies in Education; and Sociology.
- Jeanne Brown 25. Change Jeanne Brown, Instructor and Extension Specialist, Family and Child Sciences, from a tenure system to a temporary appointment, effective October 1, 1977 through September 30, 1978.
- J. F. Allendorph 26. Change Jane F. Allendorph, Instructor, Food Science and Human Nutrition, and Nursing, from a temporary to a tenure system appointment, effective September 1, 1977.
- B. M. Morrison 27. Change Bonnie M. Morrison, Assistant Professor, Human Environment and Design, from a 10-month basis at a salary of \$15,960 per year, to a 12-month basis at a salary of \$19,950 per year, effective September 1, 1977.
- E. A. Seagull 28. Change Elizabeth A. Seagull, Associate Professor, Human Development, from a 10-month basis at a salary of \$16,750 per year, to a 12-month basis at a salary of \$20,938 per year, effective September 1, 1977.
- B. A. Croft 29. Change ending date of sabbatical leave for Brian A. Croft, Associate Professor, Entomology, from November 30, 1977 to September 30, 1977.
- C. Y. Wang 30. Dual assignment of Chang Yi Wang, Professor, to Mathematics and Physiology, effective September 1, 1977.
- J. F. Hannan 31. Change terms of leave for James F. Hannan, Professor, Statistics and Probability, from half pay to full pay, effective October 1, 1977 through March 31, 1978.
- S. K. Ries 32. Change Stanley K. Ries from Professor, Horticulture, and Acting Director, Pesticide Research Center, at a salary of \$37,630 per year, to Professor, Horticulture, at a salary of \$36,430 per year on a 12-month basis, effective October 15, 1977.
- J. H. Whiteford 33. Change of assignment for John H. Whiteford, Assistant Professor, from Anthropology and Latin American Studies Center to Anthropology only, effective September 1, 1977.
- J. M. Elliott 34. Change James M. Elliott from Professor, Natural Science; Director, Student Affairs and Residence Halls Instruction, East Complex, University College Student Affairs and Services, to Professor, Natural Science; Acting Associate Dean, University College; and Acting Director, Office of Instructional Services, effective September 1, 1977.
- Etta Abrahams 35. Change Etta Abrahams from Assistant Professor, American Thought and Language, at a salary of \$14,310 per year on a 10-month basis, to Assistant Professor, American Thought and Language; and Acting Director, Student Affairs and Residence Hall Instruction, Brody Complex, University College Student Affairs and Residence Hall Instruction, at a salary of \$17,888 per year on a 12-month basis, effective September 1, 1977.
- Oscar Taboada 36. Cancel sabbatical leave for Oscar Taboada, Professor, Natural Science, effective January 1, 1978 through March 31, 1978.
- B. P. Dickinson 37. Transfer Betty P. Dickinson, Assistant Professor, from Justin Morrill College at a salary of \$13,860 per year, to Learning Resources Center, University College, at a salary of \$14,415 per year on a 10-month basis, effective October 1, 1977.
- E. W. Alchin 38. Change Edmond W. Alchin from Coordinator to Specialist, Institute for Community Development, effective September 15, 1977.
- N. C. Bufe 39. Change effective date of appointment of Noel C. Bufe as Professor and Director, Highway Traffic Safety Center, from January 1, 1978 to July 1, 1978.

Salary Changes

Salary Changes

1. Increase in salary for Friedrich J. Henningsen, County Extension Director, St. Joseph County, to \$23,700 per year on a 12-month basis, effective December 1, 1977
2. Increase in salary for Ellsworth A. Netherton, Extension Field Crops Agent, Cooperative Extension Service, to \$24,400 per year on a 12-month basis, effective October 1, 1977

A. PERSONNEL CHANGES, cont.

December 8-9, 1977

Salary Changes, cont.

Salary Changes

3. Change in salary for Keith A. Raisanen, County Extension Director, Houghton-Keweenaw Counties, to \$12,400 per year on a 12-month basis, effective October 1, 1977.
4. Increase in salary for William F. Meggitt, Professor, Crop and Soil Sciences and Institute of Agricultural Technology, to \$34,000 per year on a 12-month basis, effective October 1, 1977.
5. Increase in salary for Larry R. Baker, Associate Professor, Horticulture, to \$24,870 per year on a 12-month basis, effective October 1, 1977.
6. Increase in salary for Betty P. Dickinson, Assistant Professor, Justin Morrill College, to \$13,860 per year on a 10-month basis, effective October 1, 1976.

Appointments

Appointments

1. John Bryan Baggott III, Extension 4-H Youth Agent, Allegan, Kent, and Ottawa Counties, at a salary of \$12,500 per year on a 12-month basis, effective December 1, 1977.
2. August Frank Blome, Extension Agricultural and Resource Development Agent, Marquette County, at a salary of \$16,000 per year on a 12-month basis, effective December 1, 1977.
3. Kenneth W. Cornelisse, County Extension 4-H Youth Agent, Kent County, at a salary of \$14,250 per year on a 12-month basis, effective January 1, 1978.
4. Theresa Kay Dow, Extension 4-H Youth Agent, Clinton, Gratiot, Shiawassee Counties, at a salary of \$11,750 per year on a 12-month basis, effective December 1, 1977 through March 31, 1979.
5. Mark Francis Hansen, Extension Agricultural Agent, Clinton County, at a salary of \$11,500 per year on a 12-month basis, effective December 1, 1977.
6. Jeralyn Jayne Pigott, Extension Home Economist, Lapeer and Genesee Counties, at a salary of \$11,500 per year on a 12-month basis, effective December 1, 1977.
7. Susan Carol Rose, Extension 4-H Youth Agent, Eaton, Ingham, and Livingston Counties, at a salary of \$14,000 per year on a 12-month basis, effective December 1, 1977.
8. James Stephen Swart, Extension Field Crops Agent, Calhoun, Branch, Jackson, and Hillsdale Counties, at a salary of \$15,000 per year on a 12-month basis, effective December 1, 1977.
9. Delores Verriett, Extension 4-H Youth Agent, Wayne and Oakland Counties, at a salary of \$12,500 per year on a 12-month basis, effective December 1, 1977.
10. Harlan G. Hughes, Associate Professor, Agricultural Economics, in the tenure system, at a salary of \$25,000 per year on a 12-month basis, effective January 1, 1978.
11. Herbert C. Kriesel, Professor, Agricultural Economics, at a salary of \$32,400 per year on a 12-month basis, effective November 18, 1977 through August 31, 1979.
12. Sam K. Varghese, Assistant Professor, Poultry Science, in the tenure system, at a salary of \$17,462 per year on a 12-month basis, effective October 1, 1977.
13. Peter John Kakela, Associate Professor, Resource Development; Forestry; and Fisheries and Wildlife, in the tenure system, at a salary of \$26,600 per year on a 12-month basis, effective January 1, 1978.
14. Stanley George Miguel, Assistant Professor, Food Science and Human Nutrition, in the tenure system, at a salary of \$20,500 per year on a 12-month basis, effective March 16, 1978.
15. Karen Baker, Specialist, Entomology, in the job security system, at a salary of \$15,400 per year on a 12-month basis, effective October 15, 1977.
16. Edward Grafius, Assistant Professor, Entomology, in the tenure system, at a salary of \$22,000 per year on a 12-month basis, effective December 1, 1977.
17. Jeanne Marie Bunch, Specialist, Dean's Office, College of Veterinary Medicine, at a salary of \$13,000 per year on a 12-month basis, effective October 1, 1977, in the job security system.
18. C. Kurt Dewhurst, Specialist, Museum, in the job security system, at a salary of \$12,000 per year on a 12-month basis, effective November 1, 1977.
19. Gerald A. Peters, Assistant Director A-P 16, Applications and Maintenance Programming, Data Processing, at a salary of \$25,000 per year on a 12-month basis, effective November 21, 1977.

Faculty Reap-
pointment and
Tenure Recom-
mendationsFaculty Reappointment and Tenure Recommendations

Most of the recommendations for faculty members whose current probationary appointments in the tenure system end on August 31, 1978 were made at the Board meeting on April 22, 1977. The faculty members named below are those for whom tenure action was delayed last spring so that no one would be disadvantaged by the advancement from fall to spring of the tenure recommendations.

The following actions are recommended by the departmental chairperson (or school director), the dean(s), and the Provost in accordance with the tenure rules:

1. Assistant Professors who acquire tenure with the reappointment effective September 1, 1978:

Dale E. Linville	Agricultural Engineering
Peter M. Gladhart	Family Ecology; Resource Development
Jon D. Vredevoogd	Human Environment and Design

2. Second probationary appointment as Assistant Professor for three years from September 1, 1978:

Simeon O. Okpechi	Accounting and Financial Administration
Diane M. Cooper	Nursing
Patricia M. Roe	Nursing

3. Instructor reappointed as Assistant Professor for three years from January 1, 1978:

Ellen J. Cochrum	German and Russian
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On motion by Trustee Carrigan, seconded by Trustee Bruff, it was unanimously voted to approve the Resignations, Leaves, Transfers and Changes in Assignment, Salary Changes, Appointments, and Faculty Reappointment and Tenure Recommendations.

Special ChangesResignation

1. Clifton R. Wharton, Jr., Professor and President, President's Office, effective January 2, 1978, with a terminal leave through January 31, 1978.

Appointments

1. Edgar L. Harden, Consultant to the President, President's Office, at a salary of \$65,000 per year on a 12-month basis, effective December 1, 1977 through January 2, 1978.
2. Edgar L. Harden, Acting President, President's Office, at a salary of \$65,000 per year on a 12-month basis, effective January 3, 1978.
3. Byron Higgins, Assistant Vice President for Legal Affairs, Vice President for Legal Affairs, at a salary of \$46,000 per year on a 12-month basis, effective January 1, 1978.

On motion by Trustee Carrigan, seconded by Trustee Smydra, it was unanimously voted to accept President Wharton's resignation and to approve his terminal leave through January 31, 1978.

The following resolution was moved by Trustee Carrigan, supported by Trustee Smydra, and unanimously approved:

RESOLVED that Edgar L. Harden be appointed "Consultant to the President" for the period December 1, 1977 through January 2, 1978, and as "Acting President" for the period beginning January 3, 1978, at an annual salary of \$65,000, with all the authorities and established prerequisites of the office of the President.

Motion was made by Trustee Carrigan, seconded by Trustee Radcliffe, and unanimously carried, to approve the appointment of Byron Higgins.

Personnel Recommendations

It was recommended that the following positions be established:

1. Costume Technician C-T 8 for the Theatre Department
2. Production Assistant C-T 9 for the Dean's Office, College of Osteopathic Medicine
3. Laboratory Research Technician II, C-T 9 for Microbiology and Public Health
4. Accounting Clerk II, C-T 6 for Animal Health Diagnostic Laboratory
5. For the Libraries:
 - a. Library Systems Analyst A-P 11
 - b. 2 part-time Library Clerk II, C-T 5
6. Office Assistant II, C-T 8 for the Controller
7. For Data Processing:
 - a. Assistant Director Applications & Maintenance Programming A-P 16
 - b. 3 Senior Systems Analyst A-P 12
 - c. Systems Analyst A-P 11

Resignation of
Pres. Clifton R.
Wharton, Jr.,Appointment of
Edgar L. Harden,
Consultant to
President and
Acting PresidentAppointment of
Byron HigginsPersonnel
Recommendations

A. PERSONNEL CHANGES, cont.

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Personnel Recommendations, cont.

Personnel
Recommendations

7. For Data Processing, cont.
 - d. 2 Senior Programmer A-P 9
 - e. Administrative Assistant I, A-P 8
 - f. 3 Programmer Aide A-P 7
8. Buyer A-P 9 for Purchasing

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

B. GIFTS AND GRANTS

Gifts and Grants

1. Gift of a five-blade disk gang and an automatic plow trip mechanism with plow bottom and coulter with a total value of \$750 from the International Harvester Co., Columbus Ohio, to be used as training aids by the faculty in the Department of Agricultural Engineering.
2. Gift of a Colorimeter valued at \$750 and a Perkin-Elmer Gas Chromatograph valued at \$500 from the General Foods Corp., Battle Creek, to be used under the direction of J. R. Kirk in Food Science and Human Nutrition.
3. Gift of 114 Roman coins in bronze and silver valued at \$10,000 from Michael Clerici, Haslett, for display in the Kresge Art Gallery.
4. Gift of miscellaneous wearing apparel and household items with a total value of \$300 from Anne C. Garrison, East Lansing, for use under the direction of Anne M. Creekmore in Human Environment and Design.
5. Gift of 3 paintings with an unspecified value from Albert Vasils, East Lansing, to be hung in the Union Building main lounge.
6. Grants to be used for scholarship purposes as follows:
 - a. For recipients to be selected by the Institute of Agricultural Technology:
 - \$2,000 from Farm Bureau Services, Inc., Lansing
 - \$500 from the Michigan Dairy Herd Improvement Association, Inc., Lansing
 - \$1,328 from the Michigan Milk Producers Association, Detroit
 - \$250 from The Preston Farms, Quincy
 - b. \$1,000 from Cork 'N Cleaver, Denver, Colorado, for students in the School of Hotel, Restaurant and Institutional Management
 - c. \$1,000 from David Z. Greene, North Haven, Conn., to establish the Jennie and Ira Green Scholarship Award to benefit an undergraduate in the Department of Telecommunication.
 - d. \$250 from Shopsmith, Inc., Vandalio, Ohio, for a student in the College of Education
 - e. \$2,000 from the Chrysler Corporation, Detroit, for students in the College of Engineering
 - f. For emergency loans to students in the College of Human Medicine:
 - \$250 from Susan E. Harold, Franklin
 - \$100 from John C. Peirce, Grand Rapids
 - g. \$1,000 from Ivan Ludington, Detroit, for a minority student, preferably a veteran in the College of Human Medicine
 - h. \$8,640 from the Department of Health, Education and Welfare for students in the School of Nursing
 - i. \$58,814 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
 - j. \$11.51 from D. C. Heath and Co., Lexington, Ma., to be deposited in the Manpower Studies Scholarship, School of Labor and Industrial Relations
 - k. \$6,262 from the Department of Health, Education, and Welfare for students in the College of Veterinary Medicine
 - l. \$5,250 from the General Motors Corp., Warren, for specified students under the GM Scholarship plan
 - m. \$86.33 from Katherine Gulash, Gaines, to be added to the John Gulash Memorial Scholarship
 - n. \$100 as an unrestricted grant from the Gulf Oil Foundation, Pittsburgh, Pa.
 - o. \$36,000 from the Hinman Endowment Fund Corp./American Bank and Trust Co., Lansing, to be deposited in the William and Sarah E. Hinman Scholarship Fund
 - p. \$1,200 from the Michigan Farm and Garden Foundation, Dryden, to be deposited in the Michigan Farm and Garden Foundation
 - q. \$4,000 from the Eastman Kodak Co., Rochester, N.Y., to be distributed as follows:
 - \$1,000 in Marketing and Transportation Administration, \$500 in Telecommunication, \$2,500 in Chemical Engineering.
7. Grants as follows to the MSU Development Fund:
 - a. \$210 from various donors designated for baseball
 - b. \$550 from various donors designated for various athletic accounts
8. Grant of \$50,000 from ACTION, Washington, D.C., to be used under the direction of J. James Kielbaso, Academic and Student Affairs, College of Agriculture and Natural Resources, to identify and recruit qualified applicants to ensure a minimum of 30 trainees for Peace Corps services in agriculture/human ecology projects in the Philippines, Malaysia, Nepal, and Thailand.

Gifts and
Grants

B. GIFTS AND GRANTS, cont.

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9. Grant of \$75 from the Michigan Nut Growers Association, Fenton, to be used under the direction of N. A. Brown in Extension 4-H Youth for the National Junior Horticulture Association.
10. Grant of \$110 from the Pennsylvania Dairy & Allied Industries Assoc., Harrisburg, Pa., to be used under the direction of N. A. Brown in Extension 4-H Youth to sponsor a dairy judging team.
11. Grant of \$469,000 from the Agency for International Development, Washington, D.C., to be used under the direction of C. K. Eicher in Agricultural Economics to enhance the ability of LDC institutions and AID missions to develop and implement national and regional rural development strategies, policies, programs and promote the increased productivity, income and welfare of the rural poor.
12. Grant of \$324,000 from the Agency for International Development, Washington, D.C., to be used under the direction of Carl Liedholm in Agricultural Economics to improve the ability of LDC institutions and AID missions to design and implement Off-farm Employment Generation projects so that they operate more effectively to increase the productivity, income and quality of life of the rural poor.
13. Grant of \$39,984 from the Agency for International Development, Washington, D.C., to be used under the direction of H. M. Riley in Agricultural Economics to undertake applied socio-economic research in Fada N'Gourma, Eastern ORD Region.
14. Grant of \$10,000 from Deere & Company, Moline, Illinois, to be used under the direction of H. M. Riley in Agricultural Economics to provide support for continued research concerning long-term world economic and agricultural developments and their implications for U.S. agriculture.
15. Grant of \$10,000 from the Economic Research Service-USDA to be used under the direction of H. M. Riley in Agricultural Economics to identify variables in the U.S. economy impacting on the food and fiber industry and develop models to project the general economy using those variables.
16. Grant of \$12,000 from the Economic Research Service -USDA, to be used under the direction of L. Libby in Agricultural Economics for research on the policy relevance of inter-state differences in organization for "208" water quality planning.
17. Grant of \$12,000 from the Economic Research Service-USDA to be used under the direction of Gerald Schwab in Agricultural Economics to develop estimates of productivity of various soils for crops through the region as a basis for developing and adjusting crops budgets.
18. Grant of \$10,000 from the Electric Power Research Institute, Palo Alto, California, to be used under the direction of Glenn L. Johnson in Agricultural Economics for a workshop to plan how to assess the relevance of capital investment and supply response theory and managerial decision-making theories and attempt to bring theory and practice into a common perspective.
19. Grant of \$20,000 from the U.S. Department of Agriculture, Washington, D.C., to be used under the direction of G. E. Rossmiller in Agricultural Economics to produce a Korean grain, livestock, and oils demand, supply and trade analysis report with intermediate term projections as part of the FDCD/ERS/USDA country studies series for use in the broader analysis of future U.S. agricultural domestic and trade policy.
20. Grant of \$16,629 from the Anderson Research Fund, Columbus, Ohio, to be used under the direction of Fred W. Bakker-Arkema in the Department of Agricultural Engineering for grain drying research.
21. Grant of \$3,685.93 from Cannery Machinery Limited, Ontario, Canada, to be used under the direction of C. M. Hansen in Agriculture Engineering to improve mechanical strawberry harvester/capper.
22. Grant of \$4,631.70 from the State of Michigan, Lansing, to be used under the direction of F. V. Nurnberger in Agricultural Engineering for data evaluation on climate of Michigan.
23. Grant of \$750 from the Commonwealth Bank, Detroit, to be used under the direction of H. D. Ritchie in Animal Husbandry for consulting services.
24. Grant of \$5,000 from Eli Lilly and Co., Indianapolis, Ind., to be used under the direction of W. G. Bergen in Animal Husbandry to study the role of Rumensin on protein levels in feedlot rations.
25. Grant of \$3,000 from the Michigan Department of Natural Resources, Lansing, to be used under the direction of D. E. Ullrey in Animal Husbandry for studies of nutrition and physiology of white-tailed deer.
26. Grant of \$1,500 from the Michigan Pork Producers Assoc., Ann Arbor, to be used under the direction of E. R. Miller in Animal Husbandry to study nutritional factors which may influence the incidence and severity of osteochondrosis - arthritis in swine.

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27. Grant of \$2,500 from the Simmons Foundation, Saline, to be used under the direction of H. A. Henneman in Animal Husbandry to improve livestock breeding and management program at MSU and provide educational materials for teaching livestock production.
28. Grant of \$500 from the BASF Wyandotte Corporation, Parsippany, N.J., to be used under the direction of M. V. Wiese in Botany and Plant Pathology for the testing of chemicals for control of wheat diseases.
29. Grant of \$500 from the Chemagro Agricultural Division, Mobay Chemical Co., Kansas City, Missouri, to be used under the direction of M. V. Wiese in Botany and Plant Pathology for the testing of chemicals for control of wheat diseases.
30. Grant of \$3,000 from the Griffin Corp., Valdosta, Ga., to be used under the direction of H. S. Potter in Botany and Plant Pathology to study the activity of sulfur and copper compounds as bacte-fungicides on cucumbers, beans, and crucifers.
31. Grant of \$1,500 from Rohm & Haas Co., Spring House, Pa., to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of experimental compounds against apple scab and cherry leaf spot.
32. Grant of \$3,000 from the Analytical Development Corp., Monument, Colo., to be used under the direction of D. Penner in Crop and Soil Sciences for continuing research on pesticides.
33. Grant of \$400 from the BASF Wyandotte Corp., Parsippany, N.J., to be used under the direction of W. Meggitt and G. Schultz in Crop and Soil Sciences for continuing weed control research.
34. Grant of \$18,115.94 (consisting of various securities) from the Estate of Robert W. Hancock, Jackson, to be used under the direction of D. Harpstead in Crop and Soil Sciences for turfgrass research and development. Final distribution of estate.
35. Grant of \$250 from F.D.S. Fertilizer, Inc., West Bloomfield, to be used under the direction of P. E. Rieke in Crop and Soil Sciences to test fairway fertilizers.
36. Grant of \$10,000 from Great Lakes Hybrids, Ovid, to be used under the direction of E. C. Rossman in Crop and Soil Sciences for continuing corn research.
37. Grant of \$500 from the Lakeshore Equipment and Supply Co., Elyria, Ohio, to be used under the direction of P. E. Rieke in Crop and Soil Sciences for the evaluation of turfgrass fertilizers.
38. Grant of \$5,000 from the Michigan Bean Commission, Lansing, to be used under the direction of A. J. M. Smucker and A. E. Erickson in Crop and Soil Sciences for continuing bean research.
39. Grant of \$256.17 from the Michigan Foundation Seed Assoc., Inc., East Lansing, to be used under the direction of F. Elliott in Crop and Soil Sciences for research on Wheeler rye.
40. Grant of \$3,000 from Farm Bureau Services, Lansing, to be used under the direction of H. D. Hafs in Dairy Sciences for the dairy chore reduction program.
41. Grant of \$450 from the Medical Research Council, Ottawa, Canada, to be used under the direction of H. D. Hafs in Dairy Science to cover the cost of research undertaken by Terry Carruthers, a Medical Research Council Fellow.
42. Grant of \$39,351 from the National Institute of Child Health and Human Development to be used under the direction of E. M. Convey in Dairy Science to determine factors influencing luteinizing hormone release from bovine pituitaries in vivo and in vitro; investigation of the role of gonadal steroids and gonadotropin releasing hormone (GnRH) in control of LH synthesis and release.
43. Grant of \$6,270 from The Upjohn Co., Kalamazoo, to be used under the direction of R. Mellenberger in Dairy Science for a field study of dry cow treatments.
44. Grant of \$25,000 from the U.S. Department of Agriculture to be used under the direction of R. T. Carde' in Entomology for research on the optical chemistry of the gypsy moth sex pheromone and the male responses to enantiomers and combinations.
45. Grants totaling \$3,200 from various donors to be used under the direction of A. Wells in Entomology for research on insects infesting field and truck crops.
46. Grant of \$211,913 from the Environmental Protection Agency, Washington, D.C., to be used under the direction of C. D. McNabb in Fisheries and Wildlife to evaluate changes in physical-chemical conditions and biological production in the lake and on disposal sites as a result of dredging.
47. Grant of \$3,000 from the Michigan Department of Natural Resources, Lansing, to be used under the direction of R. A. Cole in Fisheries and Wildlife for research on a method of determining distribution of juvenile fish populations in Michigan's coastal area.

B. GIFTS AND GRANTS, cont.

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48. Grant of \$4,400 from the Trout and Salmon Foundation, Madison, Wisconsin, to be used under the direction of R. J. White in Fisheries and Wildlife for channel studies of possible competitive behavior between juvenile brook trout and young coho salmon and brown trout. A graduate research assistantship will be provided for completing construction on a pilot model stream observation channel.
49. Grants totaling \$224,875 from the University of Michigan (Sea Grant Program) to be used under the direction of N. R. Kevern in Fisheries and Wildlife for continuation of the cooperative program with the University of Michigan to provide access to Cooperative Extension Service and research expertise in Great Lakes matters at MSU.
50. Grant of \$300 from the Dairy and Food Industries Supply Assoc., Inc., Washington, D.C., to be used under the direction of A. L. Rippen in Food Science and Human Nutrition to provide supplies and international and domestic travel for departmental judging teams.
51. Grant of \$4,000 from the Kellogg Company, Battle Creek, to be used under the direction of M. E. Zabik in Food Science and Human Nutrition for research on food pattern intake to evaluate potential problems of food safety.
52. Grant of \$3,000 from Milk Proteins, Inc., Troy, to be used under the direction of J. R. Brunner in Food Science and Human Nutrition as grant-in-aid funds for research.
53. Grant of \$10,000 from the USDA Forest Service, North Central Forest Experiment Station, St. Paul, Minn., to be used under the direction of D. I. Dickmann in Forestry to assess patterns of light intensity, temperature, photosynthetic rate and diffusion resistance of leaves in Populus clones grown under intensive culture.
54. Grant of \$1,000 from the U.S. Forest Service, Northeastern Forest Experiment Station, Burlington, Vt., to be used under the direction of J. W. Hanover in Forestry to aid in the development of high sap sugar in sugar maple trees.
55. Grant of \$17,925 from the U.S. Forest Service, Washington, D.C., to be used under the direction of A. M. Gilbert in Forestry for a forest economics short course for timber appraisers.
56. Grant of \$2,000 from the Curtice-Burns Charitable Foundation to be used under the direction of D. H. Dewey in Horticulture for the development of the Clarksville Horticultural Experiment Station.
57. Grant of \$100 from A. L. Castle, Inc., Morgan Hills, Cal., to be used under the direction of L. Baker in Horticulture to support ongoing carrot breeding program.
58. Grant of \$4,945 from the Crookham Co., Caldwell, Idaho, to be used under the direction of L. Baker in Horticulture to support the ongoing carrot breeding program.
59. Grant of \$2,000 from the Michigan Package Carrot Council, Grant, to be used under the direction of L. Baker in Horticulture to support ongoing research to develop high quality hybrids adapted for production in Michigan.
60. Grant of \$554.72 from The Upjohn Co., Kalamazoo, to be used under the direction of L. Baker in Horticulture to support the ongoing carrot breeding program.
61. Grant of \$3,000 from D. van der Ploeg's, Holland, to be used under the direction of L. Baker in Horticulture to support the ongoing carrot breeding program.
62. Grant of \$2,000 from Gerber Products Co., Fremont, to be used under the direction of L. R. Baker in Horticulture to support ongoing programs to develop improved hybrid carrot varieties for processing and strengthen programs for the commercial testing of experimental hybrid carrots.
63. Grant of \$2,000 from the International Dwarf Fruit Tree Association, Hartford, to be used under the direction of R. Carlson in Horticulture for education and dissemination of research results pertaining to scion/rootstock relationship of fruit trees.
64. Grant of \$500 from the Michigan Association of Nurserymen, Inc., Lansing, to be used under the direction of R. Spangler in Horticulture to aid faculty in the landscape horticulture teaching program.
65. Grant of \$450 from the Michigan Peat Co., Houston, Texas, to be used under the direction of W. Carlson in Horticulture to support ongoing bedding plant programs.
66. Grant of \$2,500 from Speedling Inc., Sun City, Florida, to be used under the direction of W. Carlson in Horticulture to support ongoing bedding plant programs.
67. Grant of \$250 from Hancor, Inc., Findlay, Ohio, to be used under the direction of C. J. Mackson in Packaging as a contribution to the FAO/ECE Study tour.
68. Grant of \$1,000 from the Michigan Chapter of Society of Packaging and Handling Engineers, Detroit, for unrestricted use under the direction of C. J. Mackson in packing education in the School of Packaging.

B. GIFTS AND GRANTS, cont.

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69. Grants totaling \$120 from various donors for unrestricted use under the direction of C. J. Mackson in Packaging for packaging education.
70. Grant of \$500 from Janssen Farms, Zeeland, to be used under the direction of B. J. Marquez in Poultry Science for the comparison of strains and matings of turkeys.
71. Grant of \$43,000 from the Michigan Department of Education to be used under the direction of C. H. Wamhoff in the Agricultural and Natural Resources Education Institute to carry out various programs and activities with respect to FHA-HERO Organization throughout the state of Michigan.
72. Grant of \$43,000 from the Michigan Department of Education to be used under the direction of C. H. Wamhoff in the Agricultural and Natural Resources Education Institute for special projects in vocational education, FFA projects in agriculture.
73. Grant of \$150 from the Farm Bureau Services, Inc., Lansing, to be used under the direction of C. Jump in the Institute of Agricultural Technology to cover field trip expenses.
74. Grant of \$100 from the Michigan Grain and Agri-Dealers Association, Saginaw, to be used under the direction of C. Jump in the Institute of Agricultural Technology to cover field trip expenses.
75. Grant of \$1,100 from CIBA-GEIGY, Greensboro, N. Car., to be used under the direction of F. Matsumura in the Pesticide Research Center for research on chlordimeform.
76. Grant of \$1,100 from NOR-AM, Woodstock, Ill., to be used under the direction of F. Matsumura in the Pesticide Research Center for research on chlordimeform.
77. Grant of \$204.08 from the French Government, Washington, D.C., to be used under the direction of G. J. Joyaux in Romance and Classical Languages for audiovisual instructional materials.
78. Grant of \$1,200 from the MSU Foundation to be used under the direction of S. Omoto in Art to match State of Michigan funds in carrying out a 1977 Summer Architectural Survey, a cooperative project with the Michigan History Division, Department of State.
79. Grant of \$1,650 from Sheik Nassir Bin Hammad Al Thani, Doha Qatar, to be used under the direction of P. E. Munsell in the English Language Center to determine whether carefully planned activities outside of the classroom setting can significantly improve the rate of learning in one or two of the levels at the English Language Center; funds are largely to pay for a half-time graduate assistant to supervise the program.
80. Grant of \$5,000 from the Chrysler Corp., Detroit, for unrestricted use under the direction of R. J. Lewis in the Dean's Office, College of Business.
81. Grant of \$25 from Clive M. Fox, Los Angeles, Cal., for unrestricted use under the direction of R. J. Lewis in the Dean's Office, College of Business.
82. Grant of \$200 from R. D. Noll, Phoenix, Arizona, for unrestricted use under the direction of R. J. Lewis in the Dean's Office, College of Business.
83. Grant of \$1,806.25 (100 shares of Guardian Industries Corp. stock) from Warren J. Coville, Northville, to be used under the direction of G. M. Jones in the Graduate School of Business Administration as support for the Advanced Management Center.
84. Grant of \$4,000 from Ernst & Ernst Foundation, Cleveland, Ohio, to be used under the direction of H. Sollenberger in Accounting and Financial Administration for faculty development.
85. Grant of \$2,500 from Haskins & Sells, Detroit, to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for faculty research.
86. Grant of \$500 from the Monsanto Co., St. Louis, Mo., to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for faculty research.
87. Grant of \$3,500 from Peat, Marwick, Mitchell Foundation, New York, N.Y., to be used under the direction of H. M. Sollenberg in Accounting and Financial Administration for faculty research.
88. Grant of \$178,135 from the Michigan Department of Labor, Lansing, to be used under the direction of N. Schmitt and J. K. White in Management to identify and assess the impact that employment policies and personal characteristics have on individual labor force decision.
89. Grant of \$192,290 from the Michigan Department of Labor, Lansing, to be used under the direction of R. F. Gonzalez and J. K. White in Management to develop and apply the system dynamics approach to analyzing employment policies.
90. Grant of \$10,000 from Johnson and Johnson, New Brunswick, N.J., to be used under the direction of D. A. Taylor in Marketing and Transportation Administration for basic research in the area of logistics management, to develop teaching materials and enrich course development in the area of logistics management.

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91. Grant of \$1,000 from Producers Color Service, Inc., Detroit, to be used under the direction of D. A. Taylor in Marketing and Transportation Administration to support the development of the marketing program and faculty at MSU.
92. Grant of \$100 from Duke Yoon, Honolulu, Hawaii, to be used under the direction of D. A. Taylor in Marketing and Transportation Administration for faculty research and development.
93. Grant of \$2,500 from the H. J. Heinz Company Foundation, Pittsburgh, Pa., to be used under the direction of J. W. Allen in Marketing and Transportation Administration for scholarships and to maintain the Food Systems program.
94. Grant of \$4,000 from The Johnson's Wax Fund, Inc., Racine, Wis., to be used under the direction of J. W. Allen in Marketing and Transportation Administration for scholarships.
95. Grant of \$2,000 from the Thomas J. Lipton Foundation, Inc., Englewood Cliffs, N.J., to be used under the direction of J. W. Allen in Marketing and Transportation Administration for scholarships and to maintain the Food Systems program.
96. Grant of \$1,500 from The Pillsbury Company Foundation, Minneapolis, Minn., to be used under the direction of J. W. Allen in Marketing and Transportation Administration for scholarships and to maintain the Food Systems program.
97. Grant of \$3,500 from the General Telephone & Electronics Corp., Stamford, Conn., to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
98. Grant of \$1,500 from the Toledo Edison Co., Toledo, Ohio, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
99. Grant of \$80 from Bradley Greenberg for unrestricted use under the direction of E. P. Bettinghaus in the Dean's Office, College of Communication Arts and Sciences.
100. Grant of \$25,000 from West Michigan Telecasters, Inc., Grand Rapids, to be used under the direction of E. P. Bettinghaus in the College of Communication Arts to establish an endowment with income to provide scholarship assistance in the graduate school of communications for students who propose to follow a television career.
101. Grant of \$136,428 from the Agency for International Development, Washington, D.C., to be used under the direction of R. Morris in Communication for the development and presentation of workshops which introduce the participants in AID training programs to principles of effective communication and management and to the role of communication in the modernization process.
102. Grant of \$1,462.50 from The Newspaper Fund, Inc., Princeton, New Jersey, to be used under the direction of S. Soffin in Journalism to sponsor a program to find and encourage minority high school students to consider careers in newspapers.
103. Grant of \$200 from the Taylor Publishing Co., Dallas, Texas, to be used under the direction of J. L. Hillwig in Journalism as partial funding of a study in college yearbook readership and market analysis.
104. Grant of \$31,558 from the University of Southern California to be used under the direction of K. L. Gustafson in the Dean's Office, College of Education, to complete a training program for developing an internal training capability for Educational Radio and Television of Iran, a division of National Iranian Radio and Television.
105. Grant of \$212,701 from the Michigan Department of Labor to be used under the direction of C. R. Muth in Administration and Higher Education to design and study the feasibility of implementing previously developed models of systems which affect the knowledge, skills, attitudes and availability of the labor force in order to determine which policies should be established at state and local levels.
106. Grants totaling \$950 from various schools to be used under the direction of S. Hecker and F. Ignatovich in Administration and Higher Education to produce enrollment projections for specified school districts.
107. Grant of \$2,000 from the American Educational Research Assoc., Washington, D.C., to be used under the direction of L. S. Shulman in Counseling, Personnel Services and Educational Psychology for expenses which will be incurred in the process of editing the Review of Research in Education, including salary to be paid to an assistant.
108. Grant of \$3,500 from the Dow Chemical Co., Midland, to be used under the direction of G. S. Smith in Counseling, Personnel Services and Educational Psychology to supplement the cost of the 5th National Conference on Counseling Minorities.
109. Grant of \$179,955 from the Lansing School District and U.S. Office of Education to be used under the direction of W. L. Cole in Elementary and Special Education to adapt research findings to develop and implement a relevant communications curriculum which utilizes the performing visual arts, diagnostic prescriptive teaching, and individualized management techniques to improve children's communications skills.

B. GIFTS AND GRANTS, cont.

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110. Grant of \$50,595 from the U.S. Office of Education to be used under the direction of J. E. Snoddy in Elementary and Special Education to provide fellowships for persons preparing to work in higher education bilingual education programs.
111. Grant of \$140,000 from the U.S. Office of Education to be used under the direction of J. A. Wessel in Health, Physical Education and Recreation for Project I CAN: Instructional material adaptation and mediated training program.
112. Grant of \$3,000 from the U.S. Office of Education to be used under the direction of P. Haines in Secondary Education and Curriculum to prepare leaders in vocational education.
113. Grant of \$18,108 from the Michigan Department of Education to be used under the direction of C. Heilman and L. Borosage in Secondary Education and Curriculum to conduct leadership training workshops for 50 career education planning district coordinators.
114. Grant of \$8,006.20 from the Ford Foundation to be used under the direction of C. S. Brembeck in the Institute of International Studies in Education for graduate studies.
115. Grant of \$86,659.50 (consisting of various securities and \$4,000 cash) from the Estate of Cora Gladys Johnson to be used under the direction of L. W. Von Tersch in the College of Engineering to establish the Frank Johnson Memorial. Funds will be expended for graduate scholarships in the College of Engineering.
116. Grant of \$1,000 from the Atlantic Richfield Foundation, Los Angeles, Cal., to be used under the direction of W. Baker in the Dean's Office, College of Engineering, in support of women's programs in engineering.
117. Grant of \$25 from the Boeing Aerospace Co. to be used under the direction of W. Baker in the Dean's Office, College of Engineering to provide support for retention of women students in engineering.
118. Grant of \$2,000 from the Atlantic Richfield Foundation, Los Angeles, Calif., to be used under the direction of W. J. Gamble, Jr. in the Dean's Office, College of Engineering in support of the Engineering Equal Opportunity Program.
119. Grant of \$5,000 from E. I. duPont de Nemours & Co., Wilmington, Del., to be used under the direction of W. J. Gamble, Jr. in the Dean's Office, College of Engineering in support of the Engineering Equal Opportunity Program.
120. Grant of \$5,000 from the Eastman Kodak Co., Rochester, N.Y., to be used under the direction of W. J. Gamble, Jr. in the Dean's Office, College of Engineering, in support of the Engineering Equal Opportunity Program.
121. Grant of \$10,000 from the General Electric Foundation, Bridgeport, Conn., to be used under the direction of W. J. Gamble, Jr. in the Dean's Office, College of Engineering in support of the Engineering Equal Opportunity Program.
122. Grant of \$3,000 from the Chrysler Corp., Detroit, as an unrestricted grant to be used under the direction of L. W. Von Tersch in the College of Engineering.
123. Grant of \$1,000 from Western Electric, New York, N.Y., for unrestricted use under the direction of L. W. Von Tersch in the College of Engineering.
124. Grant of \$140,886 from the Energy Research and Development Administration, Washington, D.C., to be used under the direction of G. L. Park in the Division of Engineering Research to develop a wind-electric system application manual and simulation of operating problems with wind turbine generator arrays on interconnected electric systems.
125. Grant of \$116,119 from the Environmental Protection Agency, Washington, D.C., to be used under the direction of E. D. Goodman in the Division of Engineering Research to model, experiment and monitor a mathematical representation of the fate and effects of a class of organophosphate pesticides.
126. Grant of \$1,030 from the U.S. Department of Transportation, Washington, D.C., to be used under the direction of W. C. Taylor in the Division of Engineering Research for a fellowship grant to John M. McLaughlin by the Federal Highway Administration.
127. Grant of \$4,000 from the Wayne County Intermediate School District, Wayne, to be used under the direction of J. B. Eulenberg in the Division of Engineering Research for the development and dissemination of a newsletter in accordance with the Communication Enhancement Project.
128. Grant of \$3,000 from the Atlanta-Richfield Co., Los Angeles, Cal., for unrestricted use under the direction of D. K. Anderson in Chemical Engineering.
129. Grant of \$2,000 from the Monsanto Co., St. Louis, Mo., to be used under the direction of J. B. Brighton in Mechanical Engineering with maximum flexibility in use of the fund.

130. Grant of \$180 from T. J. Wielenga, East Lansing, to be used under the direction of R. C. Rosenberg in Mechanical Engineering for computer time on undergraduate research grant.
131. Grant of \$2,500 from the Ford Motor Co., Dearborn, to be used under the direction of R. Summitt in Metallurgy, Mechanics, and Materials Science to support research and testing of HSLA steel specimens.
132. Grant of \$35,200 from the General Foods Corp., Kankakee, Ill, to be used under the direction of D. R. Romsos in Food Science and Human Nutrition to determine the influence of diet composition on development of laboratory animals.
133. Grant of \$4,000 from Hercules Inc., Wilmington, Del., for unrestricted use under the direction of G. A. Leveille in Food Science and Human Nutrition.
134. Grant of \$4,000 from the Kellogg Company, Battle Creek, to be used under the direction of G. A. Leveille in Food Science and Human Nutrition for evaluation of systems of food intake analysis.
135. Grant of \$7,000 from the Kellogg Company, Battle Creek, to be used under the direction of G. Miller in Food Science and Human Nutrition for the development of computerized nutrient intake analytical systems.
136. Grant of \$7,000 from the Kellogg Company, Battle Creek, to be used under the direction of K. Morgan in Food Science and Human Nutrition for research in the patterns of food intake in various socio-economic groups.
137. Grant of \$102,229 from the Michigan Department of Commerce, Lansing, to be used under the direction of J. Zuiches in the Institute for Family and Child Study, to develop and evaluate a computerized home audit of single family residential energy consumption in Michigan.
138. Grant of \$300 from Richard E. Dean, Grant Rapids, for unrestricted use under the direction of D. C. English in the College of Human Medicine.
139. Grant of \$576,026 from the National Institutes of Health to be used under the direction of W. D. Weston in the College of Human Medicine -- Health Professions Capitation Grant Program.
140. Grant of \$6,000 from the Veterans Administration to be used under the direction of W. D. Weston in the College of Human Medicine to reimburse the University for salary of Dr. Nikolay Dimitrov for services rendered to the Veteran's Administration Hospital/Saginaw.
141. Grant of \$75,952 from the National Institutes of Health to be used under the direction of W. W. Wells in Biochemistry for research on energy relationships in inborn errors of metabolism.
142. Grant of \$72,749 from the Department of Health, Education and Welfare to be used under the direction of R. J. Gerard in Family Practice to design a rural family practice clerkship.
143. Grant of \$10,000 from ALSAC-St. Jude Children's Research Hospital, Memphis, Tenn., to be used under the direction of W. B. Weil, Jr. in Human Development for the hematology-oncology program.
144. Grant of \$2,000 from the Children's Leukemia Foundation of Michigan, Southfield, to be used under the direction of R. Kulkarni in Human Development towards the purchase of microscope.
145. Grant of \$7,022.50 from the Council for the Prevention of Child Abuse and Neglect, Lansing, to be used under the direction of W. B. Weil, Jr. in Human Development for the prevention of child abuse and neglect.
146. Grant of \$25,140 from the Michigan Department of Social Services, Lansing, to be used under the direction of M. M. Faber in Human Development for the adolescent medical program.
147. Grant of \$14,990 from the Michigan Department of Social Services to be used under the direction of W. B. Weil, Jr. in Human Development for education in child abuse and neglect in health related fields.
148. Grant of \$28,500 from the National Center on Child Abuse and Neglect to be used under the direction of R. Helfer in Human Development for a service project to determine reliability of child rearing questionnaire.
149. Grant of \$4,359 from the Michigan Department of Public Health, Lansing, to be used under the direction of G. H. Mayor in Medicine for hepatitis detection and prevention.
150. Grant of \$5,035 from the Michigan Department of Public Health, Lansing, to be used under the direction of G. H. Mayor in Medicine for the development of bone mineral and biochemical standards for Blacks.

B. GIFTS AND GRANTS, cont.

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151. Grant of \$200 from The Upjohn Co., Kalamazoo, to be used under the direction of David S. Greenbaum in Medicine for the payment of a speaker at Grand Rounds.
152. Grant of \$1,050 from the William Beaumont Hospital, Royal Oak, to be used under the direction of Margaret Z. Jones in Pathology for neuropathology resident training sessions held at William Beaumont Hospital.
153. Grant of \$2,900 from Adria Laboratories, Inc., Wilmington, Delaware, to be used under the direction of R.H. Rech in Pharmacology for the study of Caroxazone, a new anti-depressant drug for activity as a MAO inhibitor.
154. Unrestricted grant of \$5,000 from Adria Laboratories, Inc., Wilimington, Delaware, to be used under the direction of J. B. Hook in Pharmacology.
155. Grant of \$78,973 from the National Heart, Lung and Blood Institute to be used under the direction of A. M. Michelakis in Pharmacology for research on the endocrine kidney in hypertension.
156. Grant of \$150 from the Winthrop Laboratories, Lansing, to be used under the direction of E. J. Potchen in Radiology to assist in covering the costs of the department's visiting professor program.
157. Grant of \$6,305 from the MSU Foundation to be used under the direction of Sidney Katz in the Office of Health Services Education and Research, the transfer of a gift from Dr. and Mrs. Morris W. Stroud III of Malvern Pennsylvania and designated for the Office of Health Services Education and Research.
158. Grant of \$4,356 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 a test a theory about high utilization 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 levels of services in response to health defined conditions.
159. Grant of \$700 from the American Association for the Advancement of Science, Washington, D.C., to be used under the direction of Julian R. Brandou in the Dean's Office, College of Natural Science, to cover travel support payments to participants in the Chautauqua-type short courses.
160. Grant of \$300 from Estelle Hrabak, East Lansing, to be used under the direction of F. H. Tschirley in Botany and Plant Pathology to support students doing research on Blastocladiella.
161. Unrestricted grant of \$7,500 from the General Electric Foundation, Bridgeport, Conn., to be used under the direction of G. J. Karabatsos in Chemistry.
162. Unrestricted grant of \$1,000 from the Monsanto Co., St. Louis, Mo., to be used under the direction of G. J. Karabatsos in Chemistry.
163. Unrestricted grant of \$4,000 from the Standard Oil Co., Cleveland, Ohio, to be used under the direction of G. J. Karabatsos in Chemistry.
164. Grants totaling \$49,650 from the Office of Naval Research to be used under the direction of C. G. Enke in Chemistry for research on tandem mass spectrometry applied to analysis of mixtures and determination of structure.
165. Grant of \$27,110 from the U.S. Army Research Office to be used under the direction of Robert Grubbs in Chemistry for research on polymer attached transition metal catalysts.
166. Grant of \$24,900 from the National Science Foundation to be used under the direction of W. Fitzgerald in Mathematics for a study of the teaching and learning of growth relationships in the sixth grade.
167. Grant of \$12,000 from the Energy Research and Development Administration to be used under the direction of Z. M. Ma in Physics for studies of ϕ -Meson production mechanisms and K^- associated lepton to pion ratio and a search for charmed particle production in π^+p interaction at 15 GeV/c.
168. Grant of \$200,000 from the National Science Foundation to be used under the direction of P. Signell in Physics for problem-oriented physics instruction.
169. Grant of \$94,283 from the National Institutes of Health to be used under the direction of L. G. Clemens in Zoology for the study of neural control of sexual behavior in the rat.
170. Grant of \$30,416 from the National Institutes of Health to be used under the direction of J. A. King in Zoology for the study of social control and population dispersion.
171. Grant of \$63,264 from the Division of Nursing, Department of Health, Education and Welfare, to be used under the direction of I. K. Payne in the School of Nursing; Nursing Capitation Grant Program.

B. GIFTS AND GRANTS, cont.

December 8-9, 1977

172. Grant of \$55,005 from the Division of Medicine, Health Resources Administration, Bureau of Health Manpower, Department of Health, Education and Welfare, to be used under the direction of N. T. Bell, in the Dean's Office, College of Osteopathic Medicine, for a program to educate primary care physicians to assume faculty roles.
173. Grant of \$519,430 from the National Institutes of Health, to be used under the direction of P. Greenman in the Dean's Office, College of Osteopathic Medicine; Health Professions Capitation Grant Program.
174. Unrestricted grant of \$150 from various donors to be used under the direction of R. Fedore in the Dean's Office, College of Osteopathic Medicine.
175. Grant of \$1,800 from The Cranial Academy, Meridian, Idaho, to be used under the direction of F. L. Mitchell, Jr. and E. W. Retzlaff in Biomechanics for histochemical studies of the cranial suture.
176. Grant of \$22,000 from the World Health Organization to be used under the direction of J. Bennett in Pharmacology for basic and applied aspects of new techniques to evaluate the efficacy and mode of action of antischistosomal drugs.
177. Grant of \$7,950 from Arizona State University, Tempe, Arizona, to be used under the direction of L. M. Sommers in Geography; as part of a grant from the Jesse Noyes Foundation, Inc. for two fellowships in each of the three cooperating departments in the NSF supported program entitled "Spatial Analysis of Land Use."
178. Grant of \$1,553 from the MSU Foundation to be used under the direction of Charles Press in Political Science for publication costs (permission to reprint political cartoons) for a book, The Political Cartoon, to be published in late 1977 or early 1978 by Fairleigh Dickinson University Press; from grant of \$3,800 made to the MSU Foundation in 1976 by the College of Social Science.
179. Grant of \$5,000 from the Shell Companies Foundation, Inc., Houston, Texas, to be used under the direction of C. F. Cnudde in Political Science to strengthen activities at the graduate level in political science.
180. Grant of \$23,400 from the U.S. Office of Education to be used under the direction of C. F. Cnudde in Political Science for public service fellowships for MPA interns.
181. Grant of \$33,500 from the Law Enforcement Assistance Administration, U.S. Department of Justice, to be used under the direction of J. Hudzik in Criminal Justice for fellowships to advanced Ph.D. candidates for their dissertation work.
182. Grant of \$66,675 from the Michigan Department of Social Services to be used under the direction of F. M. Cox in the School of Social Work for graduate training in social work; social work education for provision of adult protective services and for family unit services.
183. Grant of \$6,225 from the Association of Collegiate Schools of Planning, Urbana, Ill., to be used under the direction of R. Hamlin in Urban Planning and Landscape Architecture to edit a book consisting of a listing and description of all urban and regional planning programs in the United States.
184. Grant of \$45,000 from the Michigan Department of Education to be used under the direction of J. Mullin in Urban Planning and Landscape Architecture for the creation of a model comprehensive home energy conservation program through adult education.
185. Grant of \$3,200 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.
186. Grant of \$13,999 from the University of Wisconsin, Milwaukee, Wisconsin, to be used under the direction of J. S. Banks in American Thought and Language for the publication of "An Annotated Edition of the Correspondence of Washington Irving."
187. Grant of \$20,000 from the Michigan Department of Education to be used under the direction of W. T. Cross in Racial and Ethnic Studies for Alternative Policy Solutions in Implementation Strategies for Latino and American Indian Elders.
188. Grant of \$238,225 from the Department of Health, Education and Welfare to be used under the direction of J. R. Welser in the Dean's Office, College of Veterinary Medicine; Health Professions Capitation Grant Program.
189. Grant of \$50 from the Michigan Association for Pure Bred Dogs, Mt. Morris, to be used under the direction of J. R. Welser in Veterinary Medicine for the Canine Research Fund.
190. Grant of \$3,000 from the U.S. Public Health Service to be used under the direction of J. Meites and R. W. Steger in Physiology for a Research Fellowship Institution Allowance Award.

B. GIFTS AND GRANTS, cont.

December 8-9, 1977

Gifts and
Grants

191. Grant of \$1,000 from the Burroughs Wellcome Co., Research Triangle Park, North Carolina, to be used under the direction of D. J. Kunze in Large Animal Surgery and Medicine for the investigation of dose-toxicity relationships with the use of polymixin B in the horse.
192. Unrestricted grant of \$3,000 from McNeil Laboratories, Inc., Fort Washington, Pa., to be used under the direction of J. B. Hook in Pharmacology.
193. Unrestricted grant of \$50 from the Jaxon Kennel Club, Inc., Jackson, to be used under the direction of G. Schmidt in Small Animal Surgery and Medicine.
194. Grant of \$12,000 from the National Gerontological Society, Washington, D.C., to be used under the direction of R. C. Anderson in the Institute for Community Development for Carole Bettinghaus to participate in the Gerontological Society's Research Fellowship Models Program to do research work for the Michigan Office of Services to the Aging.
195. Grant of \$2,500 from the Midwest Universities Consortium for International Activities, Inc., Madison, Wis., to be used under the direction of W. A. Herzog in International Studies and Programs to provide support for travel to international conferences.
196. Grant of \$9,972 from ACTION, Washington, D.C., to be used under the direction of D. Wiley in the African Studies Center to support Africa related recruitment activities at MSU.
197. Grant of \$2,967 from the Farm Bureau Financial Corp., Lansing, to be used under the direction of R. D. Page in Instructional and Public TV to underwrite the rebroadcast of MSU football on Channel 23.
198. Grant of \$4,750 from the Michigan Council for the Arts, Detroit, to be used under the direction of T. L. Turk in Instructional and Public TV to produce a series of five television recital programs featuring outstanding student performers throughout Michigan.
199. Grant of \$4,850 from the Michigan Council for the Arts, Detroit, to be used under the direction of D. A. Pash in Instructional and Public TV to produce a video documentary on pianist Ralph Votapek, MSU Artist-in-Residence.
200. Grant of \$148 from Watling Lerchen & Co., Detroit, to be used under the direction of R. D. Page in Instructional and Public TV to underwrite MSU hockey games.
201. Grant of \$2,000 from the Bretton Woods Lions Club, Lansing, to be used under the direction of R. Estell in Radio Broadcasting to assist in the support of Radio Talking Book for the blind and physically handicapped and for the purchase of special radio receivers.
202. Grants totaling \$120 from various donors to be used under the direction of R. Estell in Radio Broadcasting to assist in the support of the Radio Talking Book for the blind and physically handicapped and for the purchase of special radio receivers.
203. Grant of \$150 from Alfred W. Schluchter, Dearborn, to be used under the direction of R. Estell in Radio Broadcasting to support the program activities of WKAR Radio.
204. Grant of \$5,750.33 from Commonwealth Associates, Inc., Jackson, to be used under the direction of W. Lovis in The Museum for a conference on Michigan Archaeology Planning Document.
205. Grant of \$9,050 from the Michigan Council for the Arts, Detroit, to be used under the direction of C. K. Dewhurst in The Museum to mount an exhibition of twentieth century contemporary Michigan folk art.
206. Grant of \$10,000 from the National Park Service, U.S. Department of Interior, to be used under the direction of C. Cleland in The Museum for the completion of a report on the archaeology and ethnohistory of Fort Vancouver.
207. Grant of \$19,176.36 from the U.S. Department of Agriculture Forest Service, Eastern Region, to be used under the direction of W. Lovis in The Museum for a cultural resource overview of the Huron-Manistee National Forest.
208. Grant of \$500 from Mrs. Chase Crissy, Grand Rapids, to be used under the direction of Clifton R. Wharton, Jr., in the President's Office as an unrestricted grant.
209. Unrestricted grant of \$17,000 from The Rockefeller Foundation, New York, N.Y., to be used under the direction of Clifton R. Wharton, Jr., President's Office.
210. Grant of \$13,275 from the Michigan Department of Education to be used under the direction of J. K. Taylor in Special Programs to train students as Personal Assistants for severely handicapped individuals.

Gifts and Grants

B. GIFTS AND GRANTS, cont. December 8-9, 1977

- 211. Grant of \$25 from Elsie MacCready, Clark Lake, to be used under the direction of F. W. Freeman in Campus Park and Planning for a plant purchase - greenhouse.
- 212. Unrestricted grant of \$5,000 from the Chrysler Corporation, Detroit, to be used under the direction of J. D. Shingleton in Placement Services.
- 213. Unrestricted grant of \$250 from The Standard Oil Co., Cleveland, Ohio, to be used under the direction of J. D. Shingleton in Placement Services.
- 214. Grant of \$1,000 from the MSU Foundation to be used under the direction of R. E. Wilkinson, Vice President for Business and Finance and Treasurer, to add to the established "Dr. Rae Phelps Mericle Memorial Scholarship," a fund functioning as an endowment, to be invested in the Pooled Income Fund. Income will be used for scholarships for students who are enrolled in the departments of Botany and Plant Pathology, Horticulture, Crop and Soil Sciences, or Forestry, who are studying genetics of higher plants. This is a transfer of a gift from Dr. Leo W. Mericle.
- 215. Grant of \$14,276 from the U.S. Office of Education to be used under the direction of H. J. Oyer in The Graduate School to provide three fellowships under the Indian Education Fellowship program.
- 216. Grant of \$11,664 from the Corps of Engineers, Vicksburg, Miss., to be used under the direction of R. A. Cole in the Institute of Water Research to consult with the Corps of Engineers and to evaluate spoils disposal resulting from dredging.
- 217. Grant of \$110,000 from the Office of Water Research and Technology, Washington, D.C., to be used under the direction of T. G. Bahr in the Institute of Water Research; annual allotment grant for fiscal year 1978.
- 218. Grant of \$23,749 from the Office of Water Research and Technology, Washington, D.C., to be used under the direction of T. G. Bahr in the Institute of Water Research for research on Lead (Pb) on Lake Sediments -- Origins and Migration into the Water Column.

Motion was made by Trustee Carrigan, seconded by Trustee Stack, to accept the gifts and grants.

Condition of \$576,026 NIH Capitation grant to Human Med protested

Vice President Cantlon had called the Trustees' attention to the fact that a condition of the \$576,026 Health Professions Capitation grant from the National Institutes of Health to the College of Human Medicine (Item 139) requires a 5% expansion of the third year Human Medicine class, on a one-time basis, to admit United States students who have attended foreign medical schools for the first two years of their medical education.

Trustee Stack offered, and Trustee Carrigan accepted, a friendly amendment to include in the acceptance of the gifts and grants an expression of protest to this NIH condition and a request that the University Attorney explore any remedies which may be available to the University. Motion as amended carried by a vote of 6 to 1, Trustee Radcliffe voting No.

Bids and Contract Awards

C. BIDS AND CONTRACT AWARDS

Bid for improvements to Management Education Center rejected

1. Management Education Center - New Vestibule and Control System Modifications

The following bids were received on November 10, 1977 for the MSU Management Education Center - New Vestibule and Control System Modifications:

<u>Contractor</u>	<u>Bid</u>
R. E. Dailey and Co.	\$87,800

Since this was the only bid received and it greatly exceeded the staff estimate, it is recommended that this bid be rejected. It is the intent of the administration to review this project for subsequent rebidding.

RESOLVED that the above recommendation be approved.

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

Hanel-Vance awarded contract for prefab. building for WKAR-TV office space

2. WKAR-TV Studios - Install Prefabricated Building

The following bids were received on November 18, 1977 for WKAR-TV Studios - Install Prefabricated Building. This project involves the construction of a prefabricated building on the east side of the WKAR studios to provide additional office space. The work includes construction of building support walls, purchase and installation of pre-assembled building, construction of a connector wing to the existing building, electric service, and site restoration.

<u>Contractor</u>	<u>Base Bid</u>
Hanel-Vance Construction Co.	\$32,440
McNeilly Construction, Inc.	38,981
Charles Featherly Construction Co.	43,400

It is recommended that a contract be awarded to Hanel-Vance Construction Co., of Okemos, Michigan in the amount of \$32,440, and that the following project budget be established:

continued - - -

C. BIDS AND CONTRACT AWARDS, CONT.

December 8-9, 1977

Bids and Contract Awards

2. WKAR-TV Studios, cont.

Hanel-Vance Construction Co.	\$32,440
Landscaping - Campus Park & Planning	1,050
Contingencies	4,510
Engineering, Supervision & Expediting	4,000
Total Expected Expenditures	\$42,000

WKAR-TV Prefab. Building, cont.

Funds are available from the TV reserve account for completion of this project.

RESOLVED that the above contract be awarded and project budget be established as recommended.

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

D. OTHER ITEMS FOR ACTION

Other Items for Action

1. Amendments to Bylaws for Academic Governance

Amendments to Bylaws for Academic Governance

The proposed amendments to the Bylaws deal exclusively with the Student Council and student representation on committees. All of the proposals were suggested by students and were approved by the Student Council on April 12, 1977, by the University Committee on Academic Governance on April 22, 1977, by the Academic Council on October 4, 1977, and by the Academic Senate on November 9, 1977.

The specific changes proposed are:

(delete and add) 3.2.4.2. Graduate Student Representatives: The Council of Graduate Students shall select six graduate students. No more than one representative may be from one /college/ department, with consideration being given to University-wide representation insofar as possible.

(new) 3.2.4.4.1. Election of college representatives shall be completed by mid-term of Spring Term.

(new) 3.2.4.6. The newly elected Student Council shall meet during Spring Term to elect student members to the Steering Committee and Standing Committees of the Academic Council as specified in 3.3.1.10. and 4.2.1.11.

(add) 4.2.1.11. Unless otherwise provided, student members of standing committees shall be elected by the newly elected Student Council upon nomination by students currently members of the Committee on Academic Governance of a slate of at least two nominees per position to be filled. Elections shall be held prior to the end of Spring Term.

(delete and add) 4.4.1. The Graduate Council shall have a faculty member from each college with a graduate degree program plus one additional member from the College of Agriculture and Natural Resources, Arts and Letters, Business, Education, Natural Science and Social Science. The committee shall have five graduate student members selected by the Council of Graduate Students so that one is a member of the Student Council. No more than one student may be from any one /college/ department, with consideration being given to University-wide representation insofar as possible. The Dean of the Graduate School or a designee shall be a member with voice but not vote.

RESOLVED that the amendments to the Bylaws for Academic Governance, 1975, be approved.

Approved by a vote of 6 to 0 on motion by Trustee Bruff, seconded by Trustee Carrigan. Trustee Carrigan was out of the room at the time the vote was taken.

2. John A. Hannah Professorships

John A. Hannah Professorships Funding

On November 21, 1969, the Board of Trustees established the John A. Hannah Professorships and periodically has established financing principles for the administration of this program.

The original intent was to provide for ten chairs at a principal value of approximately \$300,000, for a total endowment of \$3,000,000. When fully funded, this would provide approximately \$15,000 per chair to be added to the departmental funding of a full professor's position.

Currently there is approximately \$2,032,000 in the principal account of the John A. Hannah Professorships. Unencumbered income is approximately \$500,000. Estimated annual income is approximately \$130,000, and projected expenditures are currently \$32,000. In order to reflect inflationary factors since the establishment of these chairs, it is recommended that the unencumbered income be transferred to the principal account in order to provide a current endowment value of \$2,500,000 and that the University recognize the full funding of five chairs with an estimated income available for expenditure of \$25,000 per chair.

continued - - -

Other Items
for Action

D. OTHER ITEMS FOR ACTION, cont.

December 8-9, 1977

John A. Hannah
Professorships,
cont.

2. John A. Hannah Professorships, cont.

It must be recognized that restructuring of this program will be necessary from time to time to reflect the current economic conditions.

RESOLVED that the above recommendations be approved.

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

Resolutions
on Pres.
Wharton's
departure from
MSU

3. Resolutions on President Wharton's Departure from MSU

At this point Chairperson Carrigan moved to suspend the rules to accommodate a series of resolutions relating to President Wharton's departure from the University. Motion seconded by Trustee Bruff and unanimously carried.

A resolution commending President and Mrs. Wharton for their contributions to Michigan State University during their eight-year tenure was presented by Chairperson Carrigan on behalf of the Board of Trustees.

The resolution was moved by Trustee Carrigan, seconded by Trustee Bruff, and unanimously approved. The resolution will be appropriately printed and presented to President and Mrs. Wharton.

Other resolutions were presented by State Representative Jackie Vaughn III on behalf of the Michigan Legislature and the people of the State of Michigan; Gumecindo Salas on behalf of the Minority Advisory Council and the minority community at the University; and by Dr. Gwen Norrell on behalf of the Academic Council. Student Liaison Representative Denise Gordon noted that a resolution on behalf of the Student Council had previously been presented to President Wharton.

President Wharton indicated he would respond to these resolutions at the December 10 Commencement. Mrs. Wharton was in the audience and graciously responded to the resolutions.

Investment
Transactions

4. Investment Transactions

Report of Sale
of Stock

Sale of Stock

a. The 100 shares of Guardian Industries Corporation stock which are being submitted for acceptance at the December Board meeting were sold on September 26, 1977 for a net amount of \$1,755.91. This stock was a gift from Warren J. Coville for the Troy Management Center.

b. The following gifts of stock which are being submitted for acceptance at the December Board meeting from the Estate of Robert W. Hancock, have been sold:

39 shares of Kent Moore Corporation stock were sold on September 27, 1977 for a net amount of \$715.65.

34 shares of National Detroit Corporation stock were sold on September 27, 1977 for a net amount of \$876.31.

161 shares of Gardner Denver Company stock were sold on September 27, 1977 for a net amount of \$2,472.93.

85 shares of Lincoln National Direct Placement stock were sold on September 27, 1977 for a net amount of \$1,616.64.

68 shares of Hughes Tool Company stock were sold on September 28, 1977 for a net amount of \$2,211.96.

239 shares of City Bank & Trust Company (Jackson) were sold on October 5, 1977 for a net amount of \$9,082.00.

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

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

Trustee Awards

5. Trustee Awards

The students graduating at the 1977 fall 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 man - Mark Erwin Carson, Biochemistry, Mathematics major, 3.802 average, graduate of Barberton Senior High School, Barberton, Ohio

First high woman - Ann Elizabeth Moyer, German major, 3.900 average, graduate of Midland High School, Midland, Michigan

Second high man - Arthur Woodward Myers, Psychology major, 3.780 average, graduate of East Lansing High School, East Lansing, Michigan

Second high woman - Susan Bannister, Special Education major, 3.863 average, graduate of Wylie E. Grove High School, Birmingham, Michigan.

RESOLVED that the Board of Trustees' awards be approved.

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

D. OTHER ITEMS FOR ACTION, cont.

December 8-9, 1977

6. Awarding of Degrees

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 summer and fall terms 1977.

RESOLVED that the degrees be awarded as recommended.

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

Awarding of Degrees, Summer and Fall Terms 1977

7. Student Wage Rates

The new Federal minimum hourly wage will be \$2.65 per hour effective January 1, 1978. In keeping with the past University policy of having student minimum hourly wage equal or exceed Federal minimums, a new hourly wage plan has been developed and is recommended for implementation January 2, 1978. A copy of the plan is filed in the Secretary's Office.

RESOLVED that the proposed new wage plan be approved, effective January 2, 1978.

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

Student Wage Rates

8. Honorary Degrees Fall Term 1977

Recommendations for Honorary Degrees to be awarded at fall term 1977 commencement have been submitted to the Trustees.

RESOLVED that the Honorary Degrees, fall term 1977, be awarded as recommended.

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

Honorary Degrees Fall Term 1977

9. Labor Contract Agreement - MSU/Operating Engineers, Local 547

It is recommended that a two-year contract between Michigan State University and the MSU Operating Engineers, Local 547, be approved. The effective date of the contract is December 16, 1977, expiring December 15, 1979.

RESOLVED that the agreement with the MSU/Operating Engineers, Local 547, be approved as recommended.

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

Labor Contract With MSU/Operating Engineers, Local 547

E. REPORTS TO THE BOARD

Reports to the Board

1. President's Report

a. Proposed 1978 Board Meeting Schedule

The following schedule is proposed for 1978 Board meetings:

January 26-27	June 22-23
February 23-24	July 27-28
March 23-24	September 21-22
April 27-28	October 26-27
May 25-26	December 7-8

There was no discussion of the proposed schedule. President Wharton suggested that any questions regarding it be addressed to Secretary Ballard or Acting President-designate Harden.

Board Meeting Schedule for 1978

2. Board Committee Reports

Board Committee Reports

a. Audit Committee

Trustee Stack reported that the Audit Committee met December 9 and reviewed Ernst & Ernst's management letter to the University and the administration's responses. This letter is available to the other Trustees if they wish to have it.

Audit Committee

b. Investment Committee

Trustee Radcliffe reported that the Investment Committee approved the following sales of stock holdings in the Harry Fee Trust as recommended by the Detroit Bank and Trust Co.:

Investment Committee Report of Sale of Stock Holdings in Harry Fee Trust Approved

Trust Account #20100

Now Hold	Sell						
800 shs	200 shs	American Telephone & Telegraph Co., com.	62	\$12,400	\$ 6,079	\$ 840	
926 shs	226 shs	Exxon Corp., com.	49	11,074	4,302	678	
600 shs	600 shs	Standard Oil of Indiana, com.	49	29,400	6,637	1,560	
500 shs	500 shs	Sun Co., Inc. \$2.25 Conv. Pfd.	44	22,000	19,441	1,125	
				\$74,870	\$36,459	\$4,203	

continued - - -

Reports to the Board

E. REPORTS TO THE BOARD, cont.

December 8-9, 1977

Board Committee Reports, cont.

2. Board Committee Reports, cont.

b. Investment Committee, cont.

Trust Account #21169

Sale of Stock Holdings in Harry Fee Trust, cont.

	<u>Now Hold</u>	<u>Sell</u>						
	2,500 shs	500 shs	American Telephone & Telegraph Co., com.	62	\$ 31,000	\$14,928	\$2,100	
	528 shs	528 shs	Consumers Power Co., com.	24	12,672	11,934	1,119	
	1,936 shs	336 shs	Exxon Corp., com.	49	14,464	6,531	1,008	
	2,000 shs	400 shs	Mobil Corp., com.	62	24,800	8,760	1,520	
	3,000 shs	500 shs	Standard Oil Co. of Indiana, com.	49	24,500	5,531	1,300	
	1,600 shs	600 shs	Smith Kline Corp., com.	48	28,800	16,451	660	
					<u>\$138,236</u>	<u>\$64,135</u>	<u>\$7,707</u>	

On motion by Trustee Radcliffe, seconded by Trustee Stevens, it was unanimously voted to approve the above report.

Health Programs Committee

c. Health Programs Committee

Trustee Stack reported that the Committee had received reports from academic units representing six colleges of the University on teaching programs in the areas of human sexuality. Recent legislation repealed the prohibition against the teaching of birth control in the public schools and mandates public schools to create health education programs which are taught by qualified health educators. The Committee has asked the Provost to provide a report on efforts on the part of departments and colleges to coordinate programs in the areas of health education and human sexuality.

Land and Physical Facilities Committee

d. Land and Physical Facilities Committee

Trustee Stevens, Chairman of the Committee, presented a recommendation that the Board of Trustees accept the offer of the Fairway Realty Co. to purchase 6.97 acres of University land at the corner of Pinetree and Sandhill Roads at \$3,100 per acre.

Sale of Land at Pinetree and Sandhill Roads approved

Motion was made by Trustee Stevens, seconded by Trustee Bruff, to approve the above recommendation. Unanimously carried.

Chicano Counseling

e. Additional Items

To follow up on the December 8 presentation to the Board by the Chicano student group, Trustee Stack requested that the Affirmative Action Committee meet with the interested and involved parties before the next Board meeting and report their view of the situation to the Board.

Audit Comm. to review problem of police surveillance

Trustee Stack also suggested that the Audit Committee look into the problem of police surveillance of faculty and students, which was the topic of a presentation to the Board at the December 8 Public Comments session. President Wharton stated he had already directed the appropriate administrators to look at the East Lansing guidelines and then discuss them with the Standing Committee on Academic Environment of the Academic Council. Trustee Stack suggested that the findings of this committee could be reported to the Audit Committee.

State News

In response to a request from MSU student leaders that the Board set up a committee to discuss with them the State News issue, Trustee Bruff indicated he had suggested that the student leaders present to the Trustees the positive alternatives they have developed, and then the Board can consider what, if any, action should be taken.

Trustee Bruff also noted that in addition to the report which had been distributed to the Trustees by President Wharton on the PBB allegations contained in the film shown on public television, Vice President Cantlon has related documents which may be of interest to the Trustees.

Trustees' Expenses for September and October 1977

3. Trustees' Expenses

a. Trustees' expenses paid in September 1977 totaled \$884.94, 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	\$10.88	\$.83	--	--	\$ 38.72	\$102.13	\$6.56	\$ 3.01
Travel	--	98.40	--	--	90.00	90.00	--	90.00
Lodging and Subsistence	--	--	--	--	3.20	--	--	--
University Entertainment	--	--	--	\$27.83	--	--	--	--
Postage	--	7.80	--	--	.13	2.60	--	15.41
Other	--	80.68	\$80.68	53.00	83.08	--	--	--
Total	<u>\$10.88</u>	<u>\$187.71</u>	<u>\$80.68</u>	<u>\$80.83</u>	<u>\$215.13</u>	<u>\$194.73</u>	<u>\$6.56</u>	<u>\$108.42</u>

E. REPORTS TO THE BOARD, cont.

December 8-9, 1977

Reports to
the Board3. Trustees' Expenses, cont.Trustees'
Expenses,
cont.

b. Trustees' expenses paid in October 1977 totaled \$1,528.53, 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	\$35.41	\$ 13.09	\$ 1.11	--	--	\$233.58	\$10.15	\$ 1.14
Travel	--	126.75	--	--	\$151.40	456.90	--	90.00
Lodging and Subsistence	37.00	30.58	29.61	--	--	4.16	27.90	18.00
University Entertainment	--	--	--	--	--	192.15	--	--
Postage	--	2.70	--	--	--	15.32	1.04	2.73
Other	--	--	--	--	--	47.81	--	--
Total	<u>\$72.41</u>	<u>\$173.12</u>	<u>\$30.72</u>	<u>--</u>	<u>\$151.40</u>	<u>\$949.92</u>	<u>\$39.09</u>	<u>\$111.87</u>

The meeting recessed at 12:10 p.m. for lunch.

The meeting reconvened at 1:30 p.m. in Rooms 104 A and B, Kellogg Center.

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

Absent: Secretary Ballard.

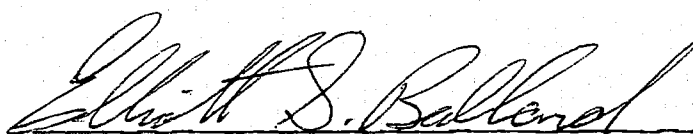
The first item discussed was the University's Affirmative Action Report and Programs, presented by Vice President Perrin and Dr. Ralph Bonner, Assistant Vice President. Following this presentation, the Trustees discussed further the procedure to be used in the selection of a president. No action was taken on either of these subjects.

Affirmative
Action Report
and Programs
discussedPresidential
Selection Pro-
cedures Dis-
cussed Further

Adjourned at 4:30 p.m.



President



Secretary