

MINUTES OF THE MEETING  
of the  
MICHIGAN STATE UNIVERSITY  
BOARD OF TRUSTEES  
June 22-23, 1978

President Harden called the meeting to order in the Board Room in the Administration Building at 2:47 p.m., Thursday, June 22.

Present: Trustees Carrigan-Strickland, Krolikowski, Radcliffe, Stack, and Stevens; President Harden, Provost Winder, Executive Vice President Breslin, Vice Presidents Cantlon, Carr, Nonnamaker, Perrin, Scott, and Wilkinson, Secretary Ballard, Faculty Liaison Group, Student Liaison Group.

Absent: Trustees Bruff, Martin, and Smydra.

Approval of  
Agenda

1. Approval of Proposed Agenda

Motion was made by Trustee Carrigan-Strickland, seconded by Trustee Stevens, to add to the agenda a resolution concerning Public Act 105. Unanimously approved.

Motion was made by Trustee Stack, supported by Trustee Radcliffe, to add to the agenda the question of whether the recent dismissal of the Director of Women's Programs violated the Board's policy on affirmative action. Motion failed by a roll call vote of 2 to 3: Trustees Stack and Radcliffe voted Yes; Trustees Carrigan-Strickland, Krolikowski, and Stevens voted No.

The agenda as amended was approved on motion by Trustee Carrigan-Strickland, seconded by Trustee Stevens.

Approval of  
May 25-26  
Minutes

2. Approval of May 25-26 Minutes

On motion by Trustee Stevens, seconded by Trustee Radcliffe, it was unanimously voted to approve the minutes of the May 25-26 Board meeting.

Recessed at 3:00 p.m.

The Public Comments session was held in Rooms 103 A and B and the Auditorium in Kellogg Center beginning at 7:45 p.m., June 22.

The meeting reconvened at 10:05 a.m., June 23, in the Board Room in the Administration Building.

Present: Trustees Carrigan-Strickland, Martin, Radcliffe, Stack, and Stevens, Trustee Krolikowski arrived during the discussion of Item 5, Other Items for Action; Executive Advisory Council, Faculty Liaison Group, Student Liaison Group.

Absent: Trustees Bruff and Smydra.

Personnel  
Changes

A. PERSONNEL CHANGES

Resignations  
and  
Terminations

Resignations and Terminations

1. Beverly D. Chethik, County Extension 4-H Youth Agent, Washtenaw County, May 11, 1978, to accept a position with the Washtenaw County Health Department, Ann Arbor.
2. Lynn K. Van Drie, Extension 4-H Youth Agent, Kent, Allegan and Ottawa Counties, June 30, 1978, because her husband has accepted a position in Wisconsin.
3. Harlan G. Hughes, Associate Professor, Agricultural Economics, June 30, 1978, to accept a position at the University of Wyoming.
4. Richard A. Cole, Assistant Professor, Fisheries and Wildlife, and Institute of Water Research, June 30, 1978, to accept a position at New Mexico State University.
5. Francis M. Domoy, Assistant Professor, Park and Recreation Resources, September 15, 1978, to accept a position at the Rochester Institute of Technology.
6. Arlene J. Sheer, Assistant Professor, Department of Art, August 31, 1978, because she was not reappointed in the tenure system.
7. A. Thad Hegerberg, Assistant Professor, Department of Music, July 31, 1978, to pursue other interests.
8. Robert G. Sidnell, Professor, Department of Music, August 31, 1978, to accept a deanship at Steven F. Austin College, Texas.
9. Donald C. Anderson, Assistant Professor, Human Development, June 30, 1978, to accept a position elsewhere.
10. Myron M. Faber, Assistant Professor, Human Development, June 30, 1978, to accept a position elsewhere.
11. Diane M. Cooper, Assistant Professor, School of Nursing, June 9, 1978, because she is leaving the area.

## A. PERSONNEL CHANGES, cont.

June 22-23, 1978

Personnel  
ChangesResignations and Terminations, cont.Resignations  
and Terminations

12. Anthony G. Chila, Associate Professor, Family Medicine, July 16, 1978, to accept a position at the Ohio University College of Osteopathic Medicine.
13. Sue L. Moyer, Librarian III, Libraries, June 30, 1978, because her husband has accepted a position elsewhere.

Leaves--SabbaticalSabbatical  
Leaves

1. David L. Armstrong, Professor, Agricultural Economics, and Assistant Dean and Director of Resident Instruction, College of Agriculture and Natural Resources, with full pay, from September 1, 1978 through February 28, 1979, to study in East Lansing.
2. Herbert M. Garelick, Professor, Philosophy, with half pay, from September 1, 1978 through August 31, 1979, to study in London, England, and New York, New York.
3. Bradley S. Greenberg, Professor and Chairman, Department of Communication, and Professor, Department of Telecommunication, with full pay, from September 1, 1978 through February 28, 1979, to study in Honolulu, Hawaii.
4. Stanley I. Soffin, Assistant Professor, School of Journalism, with half pay, from September 1, 1978 through August 31, 1979, to study in Falmouth, Massachusetts.
5. Robert W. Summitt, Professor and Chairman, Metallurgy, Mechanics, and Materials Science, with full pay, from June 15, 1978 through September 15, 1978, to study in East Lansing.
6. Rachel A. Schemmel, Professor, Food Science and Human Nutrition, and Community Health Science, with full pay, from September 16, 1978 through March 15, 1979, to study at the University of California, Los Angeles, and Harbor General Hospital, Torrance, California.
7. Julius R. Hoffman, Professor and Assistant Dean, College of Natural Science, with full pay, for travel from August 14, 1978 through September 12, 1978, and for study at the Laboratory of Experimental Entomology, University of Amsterdam, Amsterdam, The Netherlands, from October 1, 1978 through November 30, 1978.
8. Donald C. Ramsdell, Associate Professor, Botany and Plant Pathology, with full pay, from September 1, 1978 through February 28, 1979, to study at the Canada Department of Agriculture, Vancouver, British Columbia.
9. Walter Benenson, Professor, Department of Physics, with full pay, from September 1, 1978 through February 28, 1979, to study in Berkeley, California.
10. Jack H. Hetherington, Professor, Department of Physics, with half pay, from September 1, 1978 through February 28, 1979, to study at the Service De Physique Du Solide Et Resonance Magnetique Commissariat A L'Energy Atomique, Gif Sur Yvette, France.
11. Michael J. Klug, Associate Professor, Kellogg Biological Station, and Microbiology and Public Health, with half pay, from September 1, 1978 through August 31, 1979, to study at the University of Alaska, Fairbanks.
12. Thomas W. Jenkins, Professor, Anatomy, and Pathology, with full pay, from January 1, 1979 through June 30, 1979, to study in anatomy departments in medical schools in Australia and New Zealand.
13. Charles D. Johnson, Associate Professor, Department of Psychology, with half pay, from September 1, 1978 through August 31, 1979, to study in Roscommon County and north central Michigan.
14. Bertram P. Karon, Professor, Department of Psychology, with half pay, from January 1, 1979 through June 30, 1979, to write a book in Los Angeles, California.
15. Santo F. Camilleri, Professor, Department of Sociology, with full pay, from October 1, 1978 through December 31, 1978, to study in Italy and Sicily.
16. James J. Zuiches, Associate Professor, Department of Sociology, with full pay, from July 1, 1978 through December 31, 1978, to study in the Department of Sociology, University of Surrey, Guildford, Surrey, Great Britain.
17. John H. McNamara, Professor, School of Criminal Justice, with half pay, from September 1, 1978 through August 31, 1979, to study in San Jose and San Francisco, California.
18. Daniel H. Kruger, Professor and Associate Director, School of Labor and Industrial Relations, with full pay, from October 1, 1978 through December 31, 1978, to study in East Lansing.
19. James P. Howard, Professor, Community Health Science, and Assistant Dean for Community Affairs, College of Osteopathic Medicine, with full pay, from July 1, 1978 through September 30, 1978, for travel, research and service in Kenya and the United States.

Personnel  
Changes  
Sabbatical  
Leaves

A. PERSONNEL CHANGES, cont.

June 22-23, 1978

Leaves--Sabbatical, cont.

20. Allan L. Trapp, Professor, Pathology, and Animal Health Diagnostic Laboratory, with full pay, from July 1, 1978 through December 31, 1978, to study at the Department of Natural Resources fish hatchery, Mattawan, Michigan; Fish Control Laboratory, La Crosse, Wisconsin; University of Guelph; and Cornell University.
21. Betty L. Giuliani, Professor, Institutional Research, and Director, Operations, Research and Analytical Studies, Continuing Education, with full pay, from June 15, 1979 through September 15, 1979, to study in East Lansing.
22. Robert E. Gustafson, Professor, Highway Traffic Safety Center, Secondary Education and Curriculum, and Criminal Justice, with full pay, from July 1, 1978 through December 31, 1978, to study in East Lansing.
23. Mohammad A. Issari, Professor, Instructional Media Center, and Telecommunications, with full pay, from June 1, 1978 through November 30, 1978, to study in the Middle East, California, and East Lansing.
24. Allan J. Abedor, Associate Professor, Secondary Education and Curriculum, and Learning and Evaluation Service, and Assistant Director, Educational Development Program, with full pay, from July 1, 1978 through December 31, 1978, to Study in the United States.

Medical  
Leaves

Leaves--Medical

1. Joan V. Smith, Associate Professor, Department of Art, with full pay, from April 1, 1978 through June 30, 1978.
2. Alexander R. Butler, Professor, Department of Humanities, with full pay, from April 12, 1978 through June 30, 1978.
3. Suzann P. Jude, Specialist, University Archives and Historical Collections, without pay, from June 1, 1978 through September 30, 1978.

Military  
Leave

Leaves--Military

1. Eldon E. Fredericks, Specialist, Agriculture and Natural Resources Education Institute, and Information Services, with pay according to University policy, effective May 28, 1978 through June 10, 1978.

Other Leaves

Leaves--Other

1. Marvin E. Heft, Extension Agricultural Agent, Allegan County, with full pay, from July 1, 1978 through August 31, 1978, to study in the United States and Canada.
2. A. Allan Schmid, Professor, Agricultural Economics, and Resource Development, without pay, from August 7, 1978 through September 1, 1978, to study in France.
3. William J. De Sua, Professor, Romance and Classical Languages, without pay, from September 1, 1978 through December 31, 1978, to study in Italy and East Lansing.
4. Joseph D. Woelfel, Associate Professor, Department of Communication, without pay, from September 1, 1978 through August 31, 1979, to serve as Visiting Professor at the State University of New York, Albany.
5. E. Jane Oyer, Professor, Family and Child Sciences, without pay, from September 1, 1978 through December 31, 1978, to write in East Lansing.
6. Nancy W. Axinn, Instructor, Family Ecology, without pay, from July 21, 1978 through August 31, 1978.
7. Thomas R. A. Kuester, Assistant Professor, Human Environment and Design, without pay, from September 1, 1978 through August 31, 1979, to engage in professional design in support of teaching improvement.
8. Margaret I. Ajunwa, Assistant Professor, Family Medicine, without pay, from August 1, 1978 through July 31, 1979, to study at the University of North Carolina, Chapel Hill.
9. Charles F. Cnudde, Professor and Chairman, Department of Political Science, without pay, from January 18, 1979 through May 8, 1979, to teach in Tucson, Arizona.
10. Zolton A. Ferency, Associate Professor, Department of Criminal Justice, without pay, from June 1, 1978 through July 11, 1978, to conduct a political campaign.

Transfers and  
Changes in  
Assignment

Transfers and Changes in Assignment

1. Transfer James M. Hutchinson, County Extension Director, from Chippewa County to Lapeer County, with an increase in salary to \$21,000 per year on a 12-month basis, effective July 1, 1978.
2. Change sabbatical leave dates for Alfred C. Goodson, Associate Professor, English, from September 1, 1978 through August 31, 1979, to January 1, 1979 through June 30, 1979.

James M.  
Hutchinson

Alfred C.  
Goodson

## A. PERSONNEL CHANGES, cont.

June 22-23, 197-

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

- |                                                                                                                                                                                                                                                                                      |                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 3. Change sabbatical leave dates for Evan P. Watkins, Associate Professor, English, from September 1, 1978 through August 31, 1979, to September 1, 1978 through February 28, 1979.                                                                                                  | Evan Watkins         |
| 4. Change assignment for James R. Burnett, Professor, from Engineering Instructional Services and Computer Science to Metallurgy, Mechanics, and Materials Science, and Computer Science, effective July 1, 1978.                                                                    | James R. Burnett     |
| 5. Change assignment for Frederick T. Fink, Assistant Professor, from Engineering Instructional Services to Metallurgy, Mechanics and Materials Science, effective July 1, 1978.                                                                                                     | Frederick T. Fink    |
| 6. Change assignment for William S. Hull, Assistant Professor, from Engineering Instructional Services to Metallurgy, Mechanics and Materials Science, effective July 1, 1978.                                                                                                       | William S. Hull      |
| 7. Change assignment for Henry Krause, Professor, from Engineering Instructional Services to Metallurgy, Mechanics and Materials Science, effective July 1, 1978 through December 31, 1978.                                                                                          | Henry Krause         |
| 8. Change assignment for John V. Polomsky, Assistant Professor, from Engineering Instructional Services to Metallurgy, Mechanics and Materials Science, effective July 1, 1978.                                                                                                      | John V. Polomsky     |
| 9. Change assignment for Floyd E. LeCureux, Assistant Professor, from Engineering Instructional Services and Computer Science to Metallurgy, Mechanics and Materials Science and Computer Science, effective July 1, 1978.                                                           | Floyd E. LeCureux    |
| 10. Change Linda J. Nelson from Professor and Chairman, Family Ecology, at a salary of \$27,850 per year, to Professor, Family Ecology, at a salary of \$26,650 per year on a 12-month basis, effective July 1, 1978.                                                                | Linda J. Nelson      |
| 11. Change assignment for James E. Trosko, Professor, from Human Development and Justin Morrill College to Human Development, only, effective July 1, 1978.                                                                                                                          | James E. Trosko      |
| 12. Additional assignment to Lyman Briggs College, effective September 1, 1978, for Leonard N. Isaacs, Professor, Justin Morrill College.                                                                                                                                            | Leonard N. Isaacs    |
| 13. Additional assignment as Professor, Botany and Plant Pathology, effective March 1, 1978, for Raymond H. Hollensen, Professor and Assistant Chairman, Department of Natural Science.                                                                                              | Raymond H. Hollensen |
| 14. Additional assignment to Anthropology, effective March 20, 1978, for Herbert M. Reynolds, Assistant Professor, Biomechanids.                                                                                                                                                     | Herbert M. Reynolds  |
| 15. Change A. L. Thurman from Professor and Associate Chairman, American Thought and Language, at a salary of \$33,782 per year on a 12-month basis, to Professor, American Thought and Language, at a salary of \$27,025 per year on a 10-month basis, effective September 1, 1978. | A. L. Thurman        |
| 16. Change assignment for Harold W. Tvedten, Associate Professor, from Pathology and Animal Health Diagnostic Laboratory, to Pathology only, effective July 1, 1978.                                                                                                                 | Harold W. Tvedten    |
| 17. Continue assignment of Andrew D. Hunt as Professor, Human Development, and Consultant and Coordinator, Medical Humanities Program, Provost's Office, effective July 1, 1978.                                                                                                     | Andrew D. Hunt       |
| 18. Change Henry E. Bredeck from Associate Director, Research Development, at a salary of \$33,000 per year, to Assistant Vice President, Vice President for Research and Graduate Studies, at a salary of \$37,500 per year on a 12-month basis, effective July 1, 1978.            | Henry E. Bredeck     |
| 19. Change Steven K. Meuche from Program and Production Manager/Telecommunications AP-14, at a salary of \$21,462 per year, to Manager-Radio Station AP-16, Radio Broadcasting, at a salary of \$23,462 per year on a 12-month basis, effective July 1, 1978.                        | Steven K. Meuche     |
| 20. Change Robert M. Lockhart from Budget Officer AP-17 at a Salary of \$30,000 per year, to Director of Budgets AP-18, Provost's Office and Vice President for Business and Finance, at a salary of \$31,200 per year on a 12-month basis, effective June 1, 1978.                  | Robert M. Lockhart   |

Promotions

## Promotions

- |                                                                                                                                                                                             |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. Change of title from Assistant Professor to Associate Professor, with tenure, for Patricia A. Werner, Kellogg Biological Station and Botany and Plant Pathology, effective July 1, 1978. |  |
| 2. Change of title from Associate Professor to Professor for Louis G. Tornatzky, Urban and Metropolitan Studies and Department of Psychology, effective July 1, 1978.                       |  |

Personnel  
Changes

## A. PERSONNEL CHANGES, cont.

June 22-23, 1978

Salary  
ChangesSalary Changes

1. Salary increase for Richard F. Au, Specialist, MSU/NSF Heavy Ion Laboratory, from \$26,000 per year to \$28,000 per year on a 12-month basis, effective July 1, 1978.
2. Salary increase for Norman Bird, Specialist, MSU/NSF Heavy Ion Laboratory, from \$17,500 per year to \$18,000 per year on a 12-month basis, effective July 1, 1978.
3. Salary increase for William Harder, Specialist, MSU/NSF Heavy Ion Laboratory, from \$18,100 per year to \$19,000 per year on a 12-month basis, effective July 1, 1978.
4. Salary increase for Harold Hilbert, Specialist, MSU/NSF Heavy Ion Laboratory, from \$22,600 per year to \$24,000 per year on a 12-month basis, effective July 1, 1978.
5. Salary increase for David Johnson, Specialist, MSU/NSF Heavy Ion Laboratory, from \$18,250 per year to \$19,000 per year on a 12-month basis, effective July 1, 1978.
6. Salary increase for Jack Kitsmiller, Specialist, MSU/NSF Heavy Ion Laboratory from \$17,500 per year to \$18,000 per year on a 12-month basis, effective July 1, 1978.
7. Salary increase for Donald Lawton, Specialist, MSU/NSF Heavy Ion Laboratory, from \$16,000 per year to \$16,500 per year on a 12-month basis, effective July 1, 1978 through June 30, 1980.
8. Salary increase for Donato Magistro, Specialist, MSU/NSF Heavy Ion Laboratory, from \$17,750 per year to \$18,500 per year on a 12-month basis, effective July 1, 1978.
9. Salary increase for Merrit Mallory, Specialist, MSU/NSF Heavy Ion Laboratory, from \$29,250 per year to \$30,000 per year on a 12-month basis, effective July 1, 1978 through June 30, 1980.
10. Salary increase for Norval R. Mercer, Specialist, MSU/NSF Heavy Ion Laboratory, from \$19,500 per year to \$20,000 per year on a 12-month basis, effective July 1, 1978.
11. Salary increase for Peter S. Miller, Specialist, MSU/NSF Heavy Ion Laboratory, from \$23,500 per year to \$25,000 per year on a 12-month basis, effective July 1, 1978.
12. Salary increase for Guenter Stork, Specialist, MSU/NSF Heavy Ion Laboratory, from \$19,250 per year to \$20,000 per year on a 12-month basis, effective July 1, 1978.

## Appointments

Appointments

1. John Edwin Gergen, County Extension Agricultural Agent, Barry County, at a salary of \$15,000 per year on a 12-month basis, subject to Cooperative Extension Service continuing employment system, effective June 12, 1978.
2. Thomas R. Quinn, District Extension Leader, Rural Development, Upper Peninsula, subject to the Cooperative Extension Service continuing employment system, at a salary of \$15,000 per year on a 12-month basis, effective July 1, 1978.
3. Brenda E. White, Extension Home Economist, 50% time, at a full-time salary rate of \$11,500 per year on a 12-month basis, effective July 1, 1978.
4. R. Benny Peyton, Assistant Professor, Fisheries and Wildlife, in the tenure system, at a salary of \$19,000 per year on a 12-month basis, effective July 1, 1978.
5. Royal Dean Heins, Assistant Professor, Horticulture, in the tenure system, at a salary of \$19,500 per year on a 12-month basis, effective July 1, 1978.
6. Suanne T. Layden, Specialist, Horticulture, and Institute of Agricultural Technology, in the job security system, at a salary of \$16,500 per year on a 12-month basis, effective June 1, 1978.
7. John E. Shelle, Specialist, University Farms, at a salary of \$14,500 per year on a 12-month basis, effective July 1, 1978 through June 30, 1980.
8. Stanley E. DeRusha, Associate Professor and Director of Bands, Department of Music, in the tenure system, at a salary of \$27,000 per year on a 12-month basis, effective July 1, 1978.
9. Deborah Moriarty, Assistant Professor, Department of Music, in the tenure system, at a salary of \$14,500 per year on a 10-month basis, effective September 1, 1978.
10. Charles K. Smith, Associate Professor and Director of Choral Activities, Department of Music, in the tenure system, at a salary of \$20,000 per year on a 10-month basis, effective September 1, 1978.
11. Stephen L. Buzby, Associate Professor, Accounting and Financial Administration, in the tenure system, at a salary of \$28,000 per year on a 10-month basis, effective September 1, 1978.

A. PERSONNEL CHANGES, cont.

June 22-23, 1978

Personnel  
Changes  
AppointmentsAppointments, cont.

12. Dennis J. Gaffney, Associate Professor, Accounting and Financial Administration, in the tenure system, at a salary of \$24,000 per year on a 10-month basis, effective September 1, 1978.
13. Randall B. Hayes, Assistant Professor, Accounting and Financial Administration, in the tenure system, at a salary of \$21,500 per year on a 10-month basis, effective September 1, 1978.
14. Forrest S. Carter, Assistant Professor, Marketing and Transportation Administration, in the tenure system, at a salary of \$21,000 per year on a 10-month basis, effective September 1, 1978.
15. Thomas A. Beattie, Associate Professor, Hotel, Restaurant and Institutional Management, and Cooperative Extension Service, in the tenure system, at a salary of \$28,000 per year on a 12-month basis, effective September 1, 1978.
16. Jerry M. Higgins, Assistant Professor, Audiology and Speech Sciences, in the tenure system, at a salary of \$22,000 per year on a 12-month basis, effective August 1, 1978.
17. Barry Litman, Assistant Professor, Telecommunication, in the tenure system, at a salary of \$19,000 per year on a 12-month basis, effective September 1, 1978.
18. Marjorie Kostelnik, Assistant Professor, Family and Child Sciences, in the tenure system, at a salary of \$19,000 per year on a 12-month basis, effective September 1, 1978.
19. F. Duncan Case, Jr., Associate Professor, Human Environment and Design, in the tenure system, at a salary of \$21,500 per year on a 12-month basis, effective September 1, 1978.
20. Brenda S. Witter, Assistant Professor, Human Environment and Design, in the tenure system, at a salary of \$19,000 per year on a 12-month basis, effective September 1, 1978.
21. Jacquelyn O. Yep, Associate Professor, Human Environment and Design, and Agricultural Experiment Station, in the tenure system, at a salary of \$24,000 per year on a 12-month basis, effective August 1, 1978.
22. Jacques F. Roux, Professor, Obstetrics, Gynecology, and Reproductive Biology, with tenure, at a salary of \$60,000 per year on a 12-month basis, effective July 1, 1978.
23. Anne E. Gordon, Specialist, Justin Morrill College, in the job security system, at a salary of \$12,500 per year on a 12-month basis, effective June 26, 1978.
24. Joseph C. Gardiner, Assistant Professor, Statistics and Probability, in the tenure system, at a salary of \$15,500 per year on a 10-month basis, effective September 1, 1978.
25. L. Alfonse Marohn, Associate Professor, Family Medicine, in the tenure system, at a salary of \$38,000 per year on a 12-month basis, effective July 1, 1978.
26. George E. Ristow, Associate Professor, Osteopathic Medicine, in the tenure system, at a salary of \$42,500 per year on a 12-month basis, effective July 1, 1978.
27. Joseph Walczak, Associate Professor, Osteopathic Medicine, in the tenure system, at a salary of \$42,500 per year on a 12-month basis, effective July 1, 1978.
28. Vincent J. Hoffman, Instructor, Criminal Justice, in the tenure system, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1978.
29. Margaret Nielsen, Assistant Professor, Social Work, in the tenure system, at a salary of \$18,500 per year on a 10-month basis, effective September 1, 1978.
30. John F. Bratzel, Assistant Professor, American Thought and Language, in the tenure system, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1978.
31. Barbara Drake, Assistant Professor, American Thought and Language, in the tenure system, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1978.
32. Gordon S. Bergsten, Assistant Professor, Social Science, in the tenure system, at a salary of \$15,700 per year on a 10-month basis, effective September 1, 1978.
33. Susan B. Tiano, Instructor, Social Science, in the tenure system, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1978.
34. Jerome A. Voss, Instructor, Social Science, in the tenure system, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1978.

Personnel  
Changes

Appointments

Additional  
Transfers and  
Changes in  
Assignment

Donald H. Dewey

James L. Taylor

Robert O. Nolan

Additional  
Appointment

Reappointment  
Recommendations  
for Libraries

Personnel  
Recommendations

A. PERSONNEL CHANGES, cont.

June 22-23, 1978

Appointments, cont.

- 35. June M. Thomas, Assistant Professor, Urban and Metropolitan Studies, and Urban Planning and Landscape Architecture, in the tenure system, at a salary of \$16,900 per year on a 10-month basis, effective September 1, 1978.
- 36. Howard D. Bernson, Specialist and Associate Director of Conferences and Institutes, Continuing Education, at a salary of \$21,008 per year on a 12-month basis, effective September 1, 1978 through August 31, 1980.
- 37. Carolyn Hammarskjold, Librarian I, Libraries, subject to Librarian continuing appointment system, 50% time, at a full-time salary of \$12,000 per year on a 12-month basis, effective June 15, 1978.

ADDITIONAL PERSONNEL CHANGES

Transfers and Changes in Assignment

- 1. Change Donald H. Dewey from Professor and Acting Chairman, Horticulture, at a salary of \$34,480 per year, to Professor, Horticulture, at a salary of \$33,280 per year on a 12-month basis, effective July 10, 1978.
- 2. Change James L. Taylor from Professor and Associate Chairman, Horticulture, at a salary of \$28,190 per year, to Professor, Horticulture, at a salary of \$27,590 per year on a 12-month basis, effective July 10, 1978.
- 3. Change Robert O. Nolan from Professor, Highway Traffic Safety Center and Secondary Education and Curriculum, at a salary of \$26,800 per year, to Professor and Director, Highway Traffic Safety Center, and Professor, Secondary Education and Curriculum, at a salary of \$30,000 per year on a 12-month basis, effective July 1, 1978.

Appointment

- 1. John F. Kelly, Professor and Chairman, Department of Horticulture, with tenure, at a salary of \$45,000 per year on a 12-month basis, effective July 10, 1978.

Reappointment Recommendations for Libraries

The following actions are recommended in accordance to the Continuing Employment System approved by the Board June 23-24, 1977.

- a. Librarians who acquire continuing employment status with the reappointment effective July 1, 1978:

|                        |               |                                       |
|------------------------|---------------|---------------------------------------|
| Florence Annette Denny | Librarian III | Head, Circulation Department          |
| Lawrence C. Johnson    | Librarian I   | Reference Librarian                   |
| Barbara Lynn Papazian  | Librarian II  | Assistant Head, Undergraduate Library |
| Beth J. Shapiro        | Librarian III | Urban Policy and Planning Librarian   |
| Allen E. Thunell       | Librarian II  | Science Catalog Librarian             |

- b. Reappointment for a second two year period from July 1, 1978:

|                       |             |                               |
|-----------------------|-------------|-------------------------------|
| Else Eleanore Andretz | Librarian I | German/Slavic Bibliographer   |
| Linda Kae deWit       | Librarian I | Reference Librarian           |
| Annie Marie Pitts     | Librarian I | Catalog Maintenance Librarian |
| James W. Zerwick      | Librarian I | Science Librarian             |

On motion by Trustee Carrigan-Strickland, seconded by Trustee Radcliffe, it was unanimously voted to approve the Resignations, Leaves, Transfers and Changes in Assignment, Promotions, Salary Changes, Appointments, Additional Transfers and Changes in Assignment and Appointment, and the Reappointment Recommendations for Libraries.

Personnel Recommendations

It is recommended that the following positions be established:

- 1. Half-time Secretary I C-T 5 for Zoology, College of Natural Science
- 2. Laboratory Research Technician II C-T 9 for the Animal Health Diagnostic Laboratory
- 3. Secretary II C-T 7 for the Office of the Provost
- 4. Half-time Secretary II C-T 7 for the Director's Office, Office of Health Services
- 5. Producer-Director/Telecommunications V A-P 11 for Radio Broadcasting
- 6. Half-time Research Assistant Natural/Health Science A-P 7 for the Museum
- 7. Project Landscape Architect A-P 14 for Campus Park and Planning
- 8. Secretary II C-T 7 for Employee Relations, Assistant Vice President, Personnel and Employee Relations
- 9. Budget Officer A-P 16 for the Office of the Provost and Vice President for Business and Finance
- 10. Buyer A-P 9 (temporary) for Purchasing

A. PERSONNEL CHANGES, cont.

June 22-23, 1978

Personnel  
ChangesPersonnel Recommendations, cont.Personnel  
Recommendations

It is recommended that the following reclassifications be approved:

1. Program and Production Manager/Telecommunications A-P 14 to Manager-Radio Stations A-P 16, for Radio Broadcasting.
2. Budget Officer A-P 17 to Director of Budgets A-P 18 for the Office of the Provost and the Vice President for Business and Finance.

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

B. GIFTS AND GRANTSGifts and  
Grants

1. Gift of a John Deere tractor transmission and differential housing valued at \$3,500 from John Deere and Company, Lansing, to be used under the direction of F. Galbavi in Agricultural Engineering for teaching.
2. Gift of 988 pounds of roasted soybeans valued at \$365.56 from International Nutrition & Resources, Inc., Ltd., Lansing, to be used under the direction of C. J. Flegal in Poultry Science for a nutritional study.
3. Gift of 200 recordings and record albums valued at \$600 from Anne C. Garrison, East Lansing, to be used by students and faculty in the Department of Music.
4. Gift of books and journals valued at \$75.55 from James Tuinstra, East Lansing, to be added to the School of Social Work Library for use by students and faculty.
5. Gift of 6,000 feet of sod valued at \$300 from DeBuck's Sod Farm, Inc., Davison, to be used by Grounds Maintenance, Campus Park and Planning, to resod a portion of the front lawn area of Cowles House.
6. Grants to be used for scholarship purposes as follows:
  - a. \$232,840 from the Department of Health, Education and Welfare for the College Work-Study Program
  - b. \$2,000 from the National Association of Home Builders, Washington, D.C., for students in Agricultural Engineering.
  - c. \$1,080 from the Women's Farm and Garden Assoc., The Michigan Farm and Garden Foundation, for three McCallum Scholarship recipients to be picked by the Department of Horticulture.
  - d. \$2,500 from the Bethlehem Steel Corp., Bethlehem, Pa., for students in the College of Engineering
  - e. \$4,000 from the Schlumberger Foundation, Houston, Texas, for scholarships in the College of Engineering.
  - f. \$2,500 from the Pick Benevolent Assoc., Chicago, Ill., to assist students who have indicated need of financial assistance to pursue their college or post-graduate education.
7. Grants as follows to the MSU Development Fund:
  - a. \$7,945 from various donors for the Basketball Bust
  - b. \$26,000 from various donors (including \$25,000 from the Estate of David L. Metz) for various athletic accounts.
8. Grant of \$6,300.85 from the Michigan 4-H Foundation, East Lansing, to be used under the direction of J. Aylsworth in the Cooperative Extension Service to educate kids on bicycle safety and care.
9. Grant of \$257,458 from the Michigan Department of Commerce, Lansing, to be used under the direction of L. F. Rothert in the Cooperative Extension Service to develop an energy conservation ethic among 50,000 high school youth and to reduce energy consumption by 5% of half of families involved.
10. Grant of \$22,500 from the Agency for International Development to be used under the direction of Warren H. Vincent in Agricultural Economics to design cropping patterns for Asian small farms.
11. Grant of \$11,100 from the U.S. Department of Agriculture to be used under the direction of V. L. Sorenson in Agricultural Economics to advise on trade policy matters with an impact on U.S. agricultural imports and exports.
12. Grant of \$5,000 from the University of Illinois to be used under the direction of S. Thompson in Agricultural Economics for a grain commodity flow study for calendar year 1977.
13. Grant of \$2,000 from Washington State University, Pullman, Washington, to be used under the direction of H. M. Riley in Agricultural Economics to evaluate Kellogg Foundation leadership training projects.
14. Grant of \$3,000 from Cannery Machinery Limited, Simcoe, Ontario, Canada, to be used under the direction of C. M. Hansen in Agricultural Engineering to improve a mechanical strawberry harvester/capper.

15. Grant of \$2,500 from the J. I. Case Co., Racine, Wis., to be used under the direction of C. M. Hansen in Agricultural Engineering for the 1979 International Congress of CIGR.
16. Grant of \$5,100 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of B. F. Cargill in Agricultural Engineering for pre-storage treatment and production management research.
17. Grant of \$500 from the Agency for International Development to be used under the direction of W. R. Dukelow in Animal Husbandry to support the research of Dr. Pleerote Pleumsamran, an AID trainee from Thailand, receiving his MS degree with Dr. Dukelow. Research is on placental physiology in steroid treated pigs and effect on increasing the litter size.
18. Grant of \$4,000 from the MSU Foundation, East Lansing, to be used under the direction of A. J. Morris in Biochemistry for research on Messenger RNA Secondary Structure and its Role in Regulation of the Rate of Polypeptide Chain Elongation.
19. Grant of \$23,267 from the National Institute of General Medical Sciences to be used under the direction of S. Aust in Biochemistry for research on xenobiotic conjugation by the intestine.
20. Grant of \$10,000 from the National Science Foundation to be used under the direction of W. A. Wood and A. Tulinsky in Biochemistry for research on high resolution structure determination of a trimeric alsolase.
21. Grant of \$350 from Aquatrols Corporation of America, Pennsauken, N.J., to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to help cover expenses incurred in the ongoing turfgrass pathology research program.
22. Grant of \$400 from the BASF Wyandotte Corp., Parsippany, N.J., to be used under the direction of H. S. Potter in Botany and Plant Pathology to investigate the fungitoxicity of experimental compound Ronolin against *Sclerotinia sclerotiorum*.
23. Grant of \$500 from the CIBA-GEIGY Corp., Greensboro, N.C., to be used under the direction of E. J. Klos in Botany and Plant Pathology to support the fungicide research program.
24. Grant of \$2,250 from E.I. duPont deNemours & Co., Wilmington, Delaware, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of Benlate, DPX 164-2, DPX 112-2 and Mancozeb and DPX 4424 on stone and pome fruits.
25. Grant of \$4,500 from E.I. duPont deNemours & Co., Wilmington, Delaware, to be used under the direction of A. L. Jones in Botany and Plant Pathology to evaluate Benlate fungicide in combination for fruit diseases.
26. Grant of \$375 from the GAF Corporation, Wayne, N.J., to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of GAF 7985067 fungicide against *Venturia inaequalis* (apple scab).
27. Grant of \$200 from the 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.
28. Grant of \$200 from the Mobay Chemical Co., Kansas City, Missouri, to be used under the direction of F. Laemmlen in Botany and Plant Pathology for continued support of research in the area of disease control.
29. Grant of \$2,900 from the Mobay Chemical Co., Kansas City, Missouri, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of the experimental compound KWE0599 against major tree fruit fungal diseases.
30. Grant of \$500 from Rohm & Haas Co., Philadelphia, Pa., to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate the effectiveness of dithiocarbamate fungicides applied through irrigation systems on potatoes and tomatoes.
31. Grant of \$500 from The Upjohn Company, Kalamazoo, to be used under the direction of H. S. Potter in Botany and Plant Pathology to study the effectiveness of fungicide actidion for control of late blight of potato.
32. Grant of \$3,000 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of M. L. Vitosh in Crop and Soil Sciences for research on the influence of selected production management inputs on the yields, quality, and storability of potatoes.
33. Grant of \$6,000 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of R. W. Chase and N. R. Thompson in Crop and Soil Sciences for continuing potato research - variety evaluation and introduction of new varieties into the seed program.

## B. GIFTS AND GRANTS, cont.

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34. Grant of \$25 from the Michigan Ayrshire Breeders Association, Croswell, to be used under the direction of H. D. Hafs in Dairy Science for scholarship support for students in dairy production and processing.
35. Grants totaling \$384 from the American Society of Animal Science, Champaign, Ill., to be used under the direction of H. D. Hafs in Dairy Science as general support of dairy science programs.
36. Grant of \$1,750 from the Chevron Chemical Co., Richmond, Calif., to be used under the direction of A. J. Howitt in Entomology for conducting insect control research on fruit crops.
37. Grant of \$1,000 from CIBA-GEIGY Corp., Greensboro, N.C., to be used under the direction of A. J. Howitt in Entomology for research on fruit tree pests - fungicide program.
38. Grants totaling \$1,500 from various donors to be used under the direction of A. J. Howitt in Entomology for research on fruit tree insects.
39. Grant of \$500 from E.I. duPont deNemours & Co., Wilmington, Delaware, to be used under the direction of R. F. Ruppel in Entomology for research on field crop insects; insect control on field crops.
40. Grant of \$1,000 from the Farmers & Manufacturers Beet Sugar Association, Saginaw, to be used under the direction of R. F. Ruppel in Entomology for insect control research.
41. Grant of \$2,000 from the Mobil Chemical Co., Richmond, Va., to be used under the direction of R. F. Ruppel in Entomology for field crop insects research.
42. Grant of \$1,000 from Rhodia, Inc., New York, N.Y., to be used under the direction of R. F. Ruppel in Entomology in the management of field and forage crop insects in Michigan research trials for corn root-worm control.
43. Grant of \$1,500 from the Shell Development Co., Modesto, Calif., to be used under the direction of R. F. Ruppel in Entomology for the control of insects in corn and grass hay.
44. Grant of \$600 from the Farmers and Manufacturers Beet Sugar Association, Saginaw, to be used under the direction of G. W. Bird in Entomology for nematode research.
45. Grant of \$500 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of E. Grafious in Entomology for variegated cutworm populating monitoring and evaluation of damage to potato tubers.
46. Grant of \$2,000 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of A. Wells in Entomology for potato research.
47. Grant of \$2,000 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of G. W. Bird in Entomology for research on the influence of selected production management inputs on the yields, quality and storability of potatoes.
48. Grant of \$4,000 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of G. W. Bird in Entomology for an assessment of root-lesion and root-knot nematodes on muck grown potatoes.
49. Grant of \$1,500 from the Mobil Chemical Co., Richmond, Va., to be used under the direction of G. W. Bird in Entomology for evaluations for control of nematodes.
50. Grant of \$14,027.09 from the Pesticide Impact Assessment Program, N.C. Regional Office, Columbus, Ohio, to be used under the direction of G. W. Bird in Entomology for research on the role of Ethylene Dibromide in Michigan cherry production.
51. Grant of \$14,350 from the Pesticide Impact Assessment Program, N.C. Regional Office, Columbus, Ohio, to be used under the direction of A. J. Howitt in Entomology for a cost benefit analysis of dimethoate and alternative materials in controlling arthropod pests attacking apples and pears in the north central region.
52. Grant of \$500 from the Stauffer Chemical Co., Mountain View, Calif., to be used under the direction of M. K. Kennedy in Entomology for research on ornamental insects.
53. Grants totaling \$4,500 from various donors to be used under the direction of A. Wells in Entomology for research on insects infesting field and truck crops.
54. Grant of \$700 from the Smithsonian Institution to be used under the direction of G. A. Petrides in Fisheries and Wildlife for computer processing of data gathered by Kirti Man Tamang on Nepal tiger ecology project.
55. Grant of \$1,000 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of J. N. Cash in Food Science and Human Nutrition for the evaluation of sucrose rating for determining processing potential of potatoes.
56. Grant of \$2,000 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of J. N. Cash in Food Science and Human Nutrition to develop I.Q.F. frozen sliced potatoes for use in potato chip manufacture.

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## B. GIFTS AND GRANTS, cont.

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57. Grant of \$500 from the Smeltzer Orchard Co., Frankfort, to be used under the direction of G. A. Leveille in Food Science and Human Nutrition for support of the department.
58. Grant of \$500 from the CIBA-GEIGY Corporation, Greensboro, N.C., to be used under the direction of A. R. Putnam in Horticulture to support herbicide research programs in progress relating to horticultural crops.
59. Grant of \$500 from E.I. duPont deNemours & Co., Wilmington, Del., to be used under the direction of A. R. Putnam in Horticulture to support ongoing research programs relating to the study of herbicides on fruit and vegetable crops.
60. Grant of \$300 from the Michigan Pesticide Association, Portage, to be used under the direction of A. R. Putnam in Horticulture to support ongoing research programs relating to horticulture crops.
61. Grant of \$1,500 from the Monsanto Agricultural Products Co., St. Louis, Mo., to be used under the direction of A. R. Putnam in Horticulture to support ongoing research with herbicides for use on horticultural crops.
62. Grant of \$1,000 from the Velsicol Chemical Corp., Chicago, Ill., to be used under the direction of A. R. Putnam in Horticulture to support ongoing research programs relating to horticultural crops.
63. Grant of \$2,000 from the Crookham Co., Caldwell, Idaho, to be used under the direction of L. Baker in Horticulture to support the ongoing carrot breeding program.
64. Grant of \$100 from the Michigan State Florists Association, Haslett, to be used under the direction of W. Carlson in Horticulture to support ongoing work in floriculture research.
65. 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.
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 \$400 from Uniroyal, Inc., Naugatuck, Conn., to be used under the direction of M. J. Bukovac in Horticulture for chemical modification of plant response to environmental stresses.
68. Grant of \$3,750 from the Michigan Department of Natural Resources, Lansing, to be used under the direction of C. J. Flegal in Poultry Science for the genetic improvement of egg production.
69. Grant of \$1,310 from The Grand Rapids Foundation, Grand Rapids, to be used under the direction of E. VanLiere in the Department of Art for outdoor sculpture in Grand Rapids, Kalamazoo, and Lansing.
70. Grant of \$504 from the Kalamazoo Foundation, Kalamazoo, to be used under the direction of E. Van Liere in the Department of Art for outdoor sculpture in Grand Rapids, Kalamazoo, and Lansing.
71. Grant of \$13,332 from the MSU Foundation to be used under the direction of J. Niblock in the Department of Music for support of salaries for the Juilliard String Quartet, Artists in Residence, from September 1, 1977 through August 31, 1980; the second and third installments of a total commitment of \$20,000 annually.
72. Grant of \$7,500 from the Michigan Council for the Arts, Detroit, to be used under the direction of K. C. Beachler in the Lecture-Concert Series to cooperate with the Greater Lansing Area Dance Council, the MSU Dance Program, and other local organizations in expanding the horizons of professional tutelage and audience development in sponsoring one full week residency of the Lar Lubovitch Dance Company.
73. Grant of \$12,400 from the Michigan Council for the Arts, Detroit, to be used under the direction of K. C. Beachler in the Lecture-Concert Series to cooperate with the Greater Lansing Area Dance Council, the MSU Dance Program and other local organizations in expanding the horizons of professional tutelage and audience development in sponsoring a half-week residency by the San Francisco Ballet.
74. Grant of \$1,500 from the BASF Wyandotte Corp., Wyandotte, to be used under the direction of G. Jones in the Graduate School of Business Administration for the Management Education Center (first installment of three-year pledge).
75. Grant of \$350 from Mr. and Mrs. Howard Geldhof, Birmingham, to be used under the direction of G. Jones in the Graduate School of Business Administration for the Management Education Center.
76. Grant of \$100 from Lois A. Lund, East Lansing, to be used under the direction of G. Jones in the Graduate School of Business Administration for the Management Education Center Library - given in memory of Dr. Harry R. Tosdal.

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77. Grants totaling \$7,500 from various donors to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for faculty development.
78. Grant of \$600 from the National-American Wholesale Grocers' Association, New York, N.Y., to be used under the direction of J. W. Allen in Marketing and Transportation Administration for scholarships.
79. Grant of \$18,700 from the National Science Foundation to be used under the direction of M. R. Chial in Audiology and Speech Sciences for a student laboratory in psychoacoustics.
80. Grant of \$500 from the Michigan Hospital Association, Lansing, to be used under the direction of J. Scotton in Journalism to conduct a statewide survey on public attitudes on hospital issues.
81. Grant of \$791.07 from the Lansing School District, Lansing, to be used under the direction of L. W. Dean in the Dean's Office, College of Education, for supplies for the operation of the Teacher Center.
82. Grant of \$300 from the State of Michigan to be used under the direction of S. Hecker in Administration and Higher Education to analyze personnel and financial data for public elementary and secondary education.
83. Grants totaling \$200 from various schools to be used under the direction of F. R. Ignatovich and S. Hecker in Administration and Higher Education to produce enrollment projections for specified school districts.
84. Grant of \$175 from Norman Kagan, East Lansing, to be used under the direction of R. Craig in Counseling, Personnel Services and Educational Psychology to support research, secretarial services, and travel for the department especially in support of research on the teaching of interpersonal communication using films, videotapes, and other simulation techniques.
85. Grant of \$8,250 from the U.S. Office of Education to be used under the direction of R. E. Ray and P. G. Haines in Secondary Education and Curriculum for leadership development in vocational education.
86. Grant of \$9,375 from the Department of Energy, Idaho Falls, Idaho, to be used under the direction of O. Krauss and T. W. Culpepper in the Division of Engineering Research for a conference on developing the energy potential of small hydropower.
87. Grant of \$4,850 from the MSU Foundation to be used under the direction of M. C. Hawley in the Division of Engineering Research for research on "Reactions and Kinetics in Microwave Discharges and Lasers" -- support for a high capacity vacuum pump to permit investigation of plasma kinetic processes.
88. Grant of \$25,000 from the National Science Foundation to be used under the direction of J. D. Brogan in the Division of Engineering Research to model establishment-level truck movements in relation to establishment and sub-establishment type, size and location.
89. Grant of \$25,000 from the National Science Foundation to be used under the direction of J. A. Eastman in the Division of Engineering Research to develop adequate assay procedures for measurement of ATP in anaerobic digesters.
90. Grant of \$38,985 from the Michigan Department of Commerce to be used under the direction of J. Keith, C. Harris, and B. Morrison in Family and Child Sciences for Phase II Evaluation of Computerized Residential Audit Program.
91. Grant of \$7,500 from the Kellogg Co., Battle Creek, to be used under the direction of K. J. Morgan in Food Science and Human Nutrition for support of research activities relative to food behavior.
92. Grant of \$7,500 from the Kellogg Co., Battle Creek, to be used under the direction of M. E. Zabik in Food Science and Human Nutrition for research related to development of a nutrient data bank.
93. Grant of \$1,000 from the Saga Corporation, Menlo Park, Calif., to be used under the direction of B. G. Wenberg in Food Science and Human Nutrition for four Saga Food Service scholarships for 1978-79.
94. Grant of \$59,972 from the University of Michigan to be used under the direction of J. T. Parmeter in the Dean's Office, College of Human Medicine, to advise students with an opportunity for a preceptorship in the area of primary care throughout the state of Michigan.
95. Grant of \$4,800 from the Veteran's Administration to be used under the direction of W. D. Weston in the College of Human Medicine to reimburse the University for the salary of Dr. Nikolay Dimitrov for services rendered to the Veteran's Administration Hospital, Saginaw.
96. Grant of \$112,232 from the National Cancer Institute to be used under the direction of F. M. Rottman in Biochemistry for research in the control of RNA processing in normal and tumor cells.

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## B. GIFTS AND GRANTS, cont.

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97. Grant of \$1,535 from the National Institutes of Health to be used under the direction of W. W. Wells in Biochemistry for research on the energy relationships in inborn errors of metabolism.
98. Grant of \$5,000 from the MSU Foundation to be used under the direction of S. Katz in Community Health Science -- the transfer of a gift from Dr. and Mrs. Morris W. Stroud III designated specifically to the Department of Community Health Science.
99. Grant of \$43,223 from the National Institute of Environmental Health Sciences to be used under the direction of Chia Cheng Chang in Human Development for research on the Mechanism of Mutagenesis in Human and Mammalian Cells -- a Young Environmental Scientist Award.
100. Grant of \$500 from the Ingham Medical Center, Lansing, to be used under the direction of S. McMahon in Medicine for research.
101. Grant of \$98,982 from the National Institutes of Health to be used under the direction of G. Mayor in Medicine for research on Perturbations in Calcium Homeostasis Mechanisms: A Possible Etiology of Dialysis Encephalopathy.
102. Grant of \$300 from the Norland Corporation, Fort Atkinson, Wisconsin, to be used under the direction of G. Mayor in Medicine for the development of nephrology program.
103. Grant of \$92,824 from the Division of Research Resources, National Institutes of Health, for the Immunohematological Reference Center, under the direction of R. W. Bull in the Department of Medicine.
104. Grant of \$2,000 from the Saginaw Cooperative Hospitals, Inc., to be used under the direction of N. Dimitrov in Medicine to support cancer research.
105. Grant of \$350 from the William Beaumont Hospital, Royal Oak, to be used under the direction of M. Z. Jones in Pathology for Neuropathology Resident Training sessions held at the William Beaumont Hospital.
106. Grant of \$6,000 from the Procter & Gamble Co., Cincinnati, Ohio, to be used under the direction of T. M. Brody in Pharmacology for a fellowship.
107. Grant of \$65,735 from the National Heart, Lung & Blood Institute to be used under the direction of G. J. Grega in Physiology for research on the Pathophysiology of Circulatory Shock.
108. Grant of \$47,938 from the National Institute of Child Health and Human Development to be used under the direction of G. D. Riegler in Physiology for research on "Stress Effects on Pregnancy and Fetal Normalcy."
109. Grant of \$40,193 from the National Institute of Neurological and Communicative Disorders and Stroke to be used under the direction of S. R. Heisey in Physiology for research on the "Effects of Blood Flow and Anesthesia on CSF Dynamics."
110. Grant of \$56,400 from the Tri-County Community Mental Health Board, Lansing, to be used under the direction of N. B. Enzer in Psychiatry for the psychiatric residency training program.
111. Grant of \$60,451 from the National Cancer Institute to be used under the direction of W. J. Esselman in Surgery for research on the Expression of T Lymphocyte Differentiation Antigens.
112. Grant of \$90,927 from the National Institute of Arthritis, Metabolism and Digestive Diseases to be used under the direction of L. L. Bieber in Biochemistry for research on Short-Chain Acylcarnitines: Function and Enzymology.
113. Grant of \$46,044 from the National Institutes of Health to be used under the direction of D. G. McConnell in Biochemistry for research in Retinal Rod Cyclic GMP Phosphodiesterase.
114. Grant of \$32,066 from the U.S. Army, Natick, Mass., to be used under the direction of J. F. Holland in Biochemistry for wholesomeness testing of irradiated foods.
115. Grant of \$1,200 from the Michigan Potato Industry Commission to be used under the direction of W. J. Hooker in Botany and Plant Pathology for the introduction of new varieties in the potato seed program.
116. Grant of \$3,000 from the Michigan Potato Industry Commission to be used under the direction of H. S. Potter in Botany and Plant Pathology for seed and soil treatments for control of seed rots, blackleg, and scab of potato; using the mini computers for potato late blight forecasting; and introduction of pre-storage treatment into the seed program.
117. Grant of \$30,000 from the American Chemical Society to be used under the direction of P. J. Wagner in Chemistry for research on monoradical reactions of biradicals.

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118. Grant of \$40,000 from the Department of Energy to be used under the direction of M. T. Rogers in Chemistry for research on electron spin resonance studies of radiation effects.
119. Grant of \$70,998 from the National Institutes of Health to be used under the direction of H. Hart in Chemistry for studies in organic syntheses.
120. Grant of \$43,422 from the National Science Foundation to be used under the direction of M. W. Rathke in Chemistry for research on the chemistry of ester enolates.
121. Grant of \$58,000 from the National Science Foundation to be used under the direction of G. Leroi in Chemistry for spectroscopic studies of molecular structure, energetics and dynamics.
122. Grant of \$72,500 from the National Science Foundation to be used under the direction of H. Hart in Chemistry for studies in synthetic and mechanistic chemistry.
123. Grant of \$1,000 from Warner-Lambert/Parke-Davis Pharmaceutical Research Division, Ann Arbor, to support the Chemistry Department Seminar Program under the direction of G. J. Karabotsos.
124. Grant of \$14,901 from the National Science Foundation to be used under the direction of S. Axler in Mathematics for a project entitled "Products of Toeplitz Operators."
125. Grant of \$17,305 from the National Science Foundation to be used under the direction of J. H. Shapiro in Mathematics to study analysis in non-locally convex linear metric spaces.
126. Grant of \$1,500 from Pickle Packers International, Inc., St. Charles, Ill., to be used under the direction of R. N. Costilow in Microbiology and Public Health for brining research with air purging.
127. Grant of \$48,000 from the Department of Energy, Washington, D.C., to be used under the direction of Z. M. Ma in Physics for a study of production mechanisms for ideally mixed  $s\bar{s}$  systems in  $\pi^+p$  interaction at 15 GeV/c.
128. Grant of \$4,000 from the MSU Foundation to be used under the direction of M. F. Thorpe in Physics for a study of the theory of phase transitions in the area of statistical thermodynamics - "Phase Diagrams in Random Systems."
129. Grant of \$700,000 from the National Science Foundation to be used under the direction of H. G. Blosser in the MSU/NSF Heavy Ion Laboratory for a continuation of the program to make existing superconducting magnet into operating 500 MeV cyclotron including radiation shielding and inter-connections to existing experimental equipment.
130. Grant of \$500 from the MSU Foundation to be used under the direction of L. C. Weaver in Physiology, designated for L. C. Weaver for special equipment and travel costs related to cardiovascular research.
131. Grant of \$50,000 from the Department of Energy, Washington, D.C., to be used under the direction of K. W. Cummins in the Kellogg Biological Station for the determination of energy budgets for selected freshwater invertebrates.
132. Grant of \$1,564,000 from the Energy Research and Development Administration to be used under the direction of A. Lang in the MSU/ERDA Plant Research Laboratory for research and training at graduate and postdoctoral levels in experimental plant biology.
133. Grant of \$21,400 from the National Science Foundation to be used under the direction of D. P. Delmer in the MSU/ERDA Plant Research Laboratory for research on the mechanisms of glycosylation and secretion of plant proteins.
134. Grant of \$52,238 from the Michigan Department of Commerce to be used under the direction of M. Hetherington in the Science and Math. Teaching Center to train teachers from Ingham, Jackson and Calhoun counties in pilot energy education program.
135. Grant of \$150,000 from the U.S. Department of Agriculture, Cooperative Research Service, to be used under the direction of F. Matsumura in the Pesticide Research Center to expedite the clearance of pesticides for minor uses.
136. Grant of \$7,728 from the National Science Foundation to be used under the direction of G. Morrison and H. Raulet in Anthropology for a project entitled "Kinship and Affinity: A Proposal for Research on Systems of Meaning and Action in Fiji."
137. Grant of \$22,933 from the National Science Foundation to be used under the direction of M. S. Maxwell in Anthropology for archaeological and paleoecological investigations of Thule sites, to be conducted on the south coast of Baffin Island, NWT, Canada.
138. Grant of \$3,600 from the MSU Foundation to be used under the direction of P. Cooke and H. Fitzgerald in Psychology for the study of the psychophysiological correlates of attention in stutterers.
139. Grant of \$3,754 from the U.S. Department of Justice, LEAA, to be used under the direction of K. Parsons and F. Horvath in Criminal Justice for doctoral research.

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140. Grant of \$561.75 from the MSU Foundation to be used under the direction of D. F. Gillespie in Social Work for a monograph on technostuctures and interorganizational relations.
141. Grants totaling \$310 from various donors to be used under the direction of C. Goldschmidt in Urban Planning and Landscape Architecture for the benefit of students in the division of urban planning.
142. Grant of \$1,000 from the MSU Foundation to be used under the direction of J. W. Myers in Humanities for capital equipment for tethered balloon surveys for archaeology in the Aegean and Middle East.
143. Grant of \$450 from the Inter-Tribal Council of Michigan, Inc., Sault Ste. Marie to be used under the direction of B. Cross and J. M. Bain in Racial and Ethnic Studies for the training of field interviewers and statistical/computer consulting for the Indian Child Welfare Agency Project.
144. Grant of \$3,400 from the Michigan Potato Industry Commission to be used under the direction of C. A. Reddy in Microbiology and Public Health for the production of a feed supplement high in crude protein by bacterial fermentation of potato processing wastes.
145. Grant of \$118,717 from the National Institute of Allergy and Infectious Diseases to be used under the direction of J. F. Williams in Microbiology and Public Health for research on immunology of larval tapeworm infection.
146. Grant of \$83,998 from the National Cancer Institute to be used under the direction of J. Meites in Physiology for research on neuroendocrine control of mammary and pituitary tumors.
147. Grant of \$69,024 from the National Heart, Lung and Blood Institute to be used under the direction of J. B. Scott in Physiology; a training grant - Cardiovascular Physiology and Pathophysiology.
148. Grant of \$500 from Smith Kline Animal Health Products, West Chester, Pa., to be used under the direction of J. Sikarski in Small Animal Surgery and Medicine for research on the efficacy of Albendazole in meningeal worm in white-tailed deer.
149. Grant of \$2,500 from The Upjohn Co. to be used under the direction of T. D. Braden in Small Animal Surgery and Medicine for studies to be done with Clindamycin, Project 760.
150. Grant of \$100 from Eberhard Foods, Inc., Grand Rapids, to be used under the direction of R. Rentschler in the Continuing Education Service in support of activities connected with the Politics of Food Conference, April 7-8, 1978.
151. Grant of \$25 from KaLar Pet Food, Inc., Coral, to be used under the direction of R. Rentschler in the Continuing Education Service in support of activities of the Politics of Food Conference, April 7-8, 1978.
152. Grant of \$50 from the Michigan Pork Producers Association, Ann Arbor, to be used under the direction of R. Rentschler in the Continuing Education Service in support of activities connected with the Politics of Food Conference, April 7-8, 1978.
153. Grant of \$50 from Red Pelican Food Products, Detroit, to be used under the direction of R. Rentschler in the Continuing Education Service for activities in connection with the Politics of Food Conference, April 7-8, 1978.
154. Grant of \$25 from Western Michigan University to be used under the direction of R. Rentschler in the Continuing Education Service to support the activities of the Politics of Food Conference, April 7-8, 1978.
155. Grant of \$21,000 from the Michigan Department of Health to be used under the direction of R. C. Anderson in the Institute for Community Development for a project on the decriminalization of public intoxication.
156. Grant of \$200 from Thomas and Carol Hrycko, Gagetown, to be used under the direction of R. Estell in Radio Broadcasting to support the program activities of WKAR Radio.
157. Grant of \$101 from various donors to be used under the direction of R. Estell in Radio Broadcasting in support of the radio talking book programs.
158. Grant of \$1,171.10 from the Ingham County Board of Public Works, Mason, to be used under the direction of W. Lovis in The Museum for a Lake Lansing archaeological survey.
159. Grant of \$30,000 from the State of Michigan to be used under the direction of R. Siefert in Facilities Planning and Space Management for campus lighting system improvements approved through Public Act 220 of 1977.
160. Grant of \$100,000 from the State of Michigan to be used under the direction of R. Siefert in Facilities Planning and Space Management for fire protection in The Museum.

B. GIFTS AND GRANTS, cont.

June 22-23, 1978

Gifts and Grants

- 161. Grant of \$25,412.96 from the Trustees of Forest H. Akers to be used under the direction of R. E. Wilkinson, Vice President for Business and Finance, towards completion of the remaining nine holes of Forest Akers Golf Course; final distribution of income for 1977.
- 162. Grant of \$30,000 from the Trustees of Forest H. Akers to be used under the direction of Roger E. Wilkinson, Vice President for Business and Finance, towards completion of the remaining nine holes of Forest Akers Golf Course; partial distribution of income for 1978.
- 163. Grant of \$1,500 from Wade and Eleanor Brinker, East Lansing, to be used under the direction of R. E. Wilkinson, Vice President for Business and Finance, to establish a fund functioning as an endowment to be known as the Wade O. Brinker Award for Veterinary Orthopedics to be invested in the Pooled Income Fund.
- 164. Grant of \$100 from the MSU Foundation to be used under the direction of R. E. Wilkinson, Vice President for Business and Finance, the transfer of a gift from M. Wayne Adams designated for the Dr. Rae Phelps Mericle Memorial Scholarship.
- 165. Grants totaling \$37.50 from various donors to be used under the direction of G. Williams in the Counseling Center to maintain current research programs in Operant and Social Learning Theory and also to facilitate the development of new programs.
- 166. Grant of \$149,988.75 (consisting of 4,255 shares of Gannett Co., Inc. stock) from the Frank E. Gannett Newspaper Foundation, Inc., to be used under the direction of L. W. Scott, Vice President for Development, for the Capital Enrichment Program.
- 167. Grant of \$250,000 from the General Motors Foundation, Inc., to be used under the direction of L. W. Scott, Vice President for Development, for academic chairs in the Colleges of Business and Engineering.
- 168. Grant of \$3,827.10 from the Estate of Estelle R. Warren, Three Oaks, to be used under the direction of L. W. Scott, Vice President for Development, for the Museum through the Enrichment Program.

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

C. BIDS AND CONTRACT AWARDS

Bids and Contract Awards

1. Campus Buildings - Exterior Restoration - 1978

Campus Buildings Exterior Restoration - 1978

The following bids were received on June 2, 1978 for Campus Buildings, Exterior Restoration - 1978. The base bid provides for the following exterior restoration work on various campus buildings: removal and replacement of defective brick, cutting new masonry expansion joints, and recaulking window and stone joints; resetting and reanchoring misaligned stone; repairing hydraulic waterproofing membranes; removal and replacement of built-up roof; and the installation of new concrete protective coating. The low base bid was below the total budget for this project, but included more work than was intended. Therefore, a Pre-Contract Bulletin was issued in the amount of \$23,000 to delete all work associated with the patching, resetting, and reanchoring of misaligned stone.

| <u>Contractor</u>                  | <u>Base Bid</u> |
|------------------------------------|-----------------|
| Hanel-Vance Construction Co.       | \$253,900       |
| Grunwell-Cashero of Lansing, Inc.  | 259,681         |
| Charles Featherly Construction Co. | 299,000         |
| William H. Kelly Co.               | 348,440         |

It is recommended that a contract be awarded to Hanel-Vance Construction Co. of Okemos in the amount of \$230,900 (base bid of \$253,900 minus Pre-Contract Bulletin of \$23,000 = \$230,900), and that a project budget be established as follows:

|                                          |               |
|------------------------------------------|---------------|
| Contract - Hanel-Vance Construction Co.  | \$230,900     |
| Contingencies                            | 45,900        |
| Engineering, Supervision, and Expediting | <u>21,200</u> |
| Total Expected Expenditures              | \$298,000     |

This project will be funded as follows: \$186,000 out of appropriate Auxiliary accounts and \$112,000 out of appropriate General Fund accounts.

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

Unanimously approved. Motion by Trustee Carrigan-Strickland, seconded by Trustee Radcliffe.

Bids and  
Contract AwardsHuman Ecology  
Bldg., Stair-  
well Addition  
Project

## C. BIDS AND CONTRACT AWARDS, cont.

June 22-23, 1978

2. Human Ecology - Stairwell Addition Project

The following bids were received on June 6, 1978 for the Human Ecology - Stairwell Addition project. This work was to provide a fire exit from the north wing of the Human Ecology Building.

| <u>Contractor</u>                  | <u>Base Bid</u> |
|------------------------------------|-----------------|
| Charles Featherly Construction Co. | \$235,000       |
| Foster-Schermerhorn-Barnes         | 235,900         |
| Haussman Construction Co.          | 239,000         |

Since the bids greatly exceeded the established project budget, it is recommended that all bids be rejected. It is the intent of the Office of Facilities Planning and Space Management to explore other alternatives for this work which would be within the funds available.

RESOLVED that the above recommendation be approved.

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

Central Bakery  
Unit, Brody  
Hall3. Central Bakery Unit, Brody Hall

The following bids were received on June 8, 1978 for major renovation of the Central Bakery unit located in Brody Hall. In 1973 the University established the centralized facility in Brody Hall with the objective of reducing operational costs and improving product quality. This project finalizes the modernization of this unit and includes the following: replacement of the resilient flooring, installation of washable suspended ceiling tile, installation of walk-in refrigerators and freezers, installation of an exhaust hood with a fire suppression system and a make-up air unit. The project also provides for the relocation of certain equipment now set in the Bakery and the installation and hook-up of several new pieces of equipment which have been purchased by the department. Also included is the construction of an office for the Bakery Manager and a mixing bowl washing facility. By including Alternates No. 1 and No. 2, a receiving/shipping facility will be provided at the grade floor level which will include a dock leveler for easier use of a variety of truck sizes, overhead doors, and a cart washing area. The elevator will provide vertical transportation of raw and finished goods between the loading dock and the Bakery. The existing elevator in Brody Hall is approximately 250 feet from the Bakery and requires the traversing of crowded kitchen areas for access. The new elevator and receiving/shipping dock will provide for improved efficiency in the Central Bakery facility.

| <u>Contractor</u>             | <u>Base Bid</u> | <u>Alt. No. 1</u> | <u>Alt. No. 2</u> | <u>Alt. No. 3</u> |
|-------------------------------|-----------------|-------------------|-------------------|-------------------|
| Charles Featherly Constr. Co. | \$174,000       | \$129,000         | \$68,700*         | No change         |
| McNeilly Construction, Inc.   | 183,433         | 131,335           | 68,407            | No change         |

Alternate No. 1 - Provides for the construction of a receiving/shipping dock added to the building and the construction of a "holeless" hydraulic elevator within the building in close proximity to the Bakery area.

Alternate No. 2 - Provides for the changing of the building electrical service to increase power capacity as required by the addition of the elevator.

Alternate No. 3 - Provides for the installation of a standard hydraulic elevator in lieu of the "holeless" type.

\*The alternate bid for electrical service submitted by the Charles Featherly Construction Co. was qualified as follows: "Service change will require approximately 12 hours." We have been notified by the engineers that this qualification did not materially affect the price of the bids, and the Charles Featherly Construction Co. subsequently removed the qualification.

It is recommended that a contract be awarded to the Charles Featherly Construction Co. of Lansing in the amount of \$371,700 (Base Bid of \$174,000 plus Alternate No. 1 of \$129,000 plus Alternate No. 2 of \$68,700), and that the following project budget be established:

|                                                            |           |
|------------------------------------------------------------|-----------|
| Contract - Charles Featherly Construction Co.              | \$371,700 |
| Contingencies                                              | 37,000    |
| Consultants and Printing - Warren Holmes/Kenneth Black Co. | 21,500    |
| Coordination, Supervision, and Expediting                  | 15,800    |
| Total Expected Expenditures                                | \$446,000 |

Funds are available for this project in the Auxiliary Fund, Account 21-3172.

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

Unanimously approved. Motion by Trustee Radcliffe, seconded by Trustee Carrigan-Strickland.

C. BIDS AND CONTRACT AWARDS, cont.

June 22-23, 1978

Bids and  
Contract Awards

4. Fee Hall - Alterations to Room E-114

Room E-114,  
Fee Hall

The following bids were received on June 6, 1978 for Fee Hall - Alterations to Room E-114. This project involves the alteration of an existing storage area for use as a Physical Anthropology Systems Laboratory for the study of motion and mass distribution in the human body.

| <u>Contractor</u>                  | <u>Base Bid</u> |
|------------------------------------|-----------------|
| Haussman Construction Co.          | \$67,900        |
| Dornet Village, Inc.               | 68,800          |
| Charles Featherly Construction Co. | 73,500          |

It is recommended that a contract be awarded in the amount of \$67,900 to the Haussman Construction Co. of Lansing and that the following project budget be established:

|                                      |          |
|--------------------------------------|----------|
| Contract - Haussman Construction Co. | \$67,900 |
| Contingencies                        | 6,800    |
| Engineering, Design, and Expediting  | 6,800    |
| Total Expected Expenditures          | \$81,500 |

Funds are available for this project in Account 11-8205, Dean of Osteopathic Medicine.

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

Unanimously approved. Motion by Trustee Carrigan-Strickland, seconded by Trustee Radcliffe.

5. Snyder-Phillips, Yakeley-Gilchrist and Williams Halls - Ceiling Replacement

Snyder-Phillips,  
Yakeley-  
Gilchrist,  
Williams Halls -  
Ceiling  
Replacement

The following bids were received on May 23, 1978 for Snyder-Phillips, Yakeley-Gilchrist and Williams Halls - Ceiling Replacement in Various Rooms and Corridors. This project involves the replacement of existing combustible ceiling tile with fire-resistant tile in specified areas in these buildings.

| <u>Contractor</u>                  | <u>Base Bid</u> |
|------------------------------------|-----------------|
| Charles Featherly Construction Co. | \$57,600        |
| Haussman Construction Co.          | 62,676          |

It is recommended that a contract be awarded in the amount of \$57,600 to the Charles Featherly Construction Co. of Lansing and that the following project budget be established:

|                                               |          |
|-----------------------------------------------|----------|
| Contract - Charles Featherly Construction Co. | \$57,600 |
| Contingencies                                 | 5,844    |
| Engineering, Supervision, and Expediting      | 3,456    |
| Total Expected Expenditures                   | \$66,900 |

Funds are available for this project as follows:

|                                              |          |
|----------------------------------------------|----------|
| Snyder-Phillips Hall - Account No. 21-2832   | \$ 1,740 |
| Yakeley-Gilchrist Hall - Account No. 21-2842 | 52,182   |
| Williams Hall - Account No. 21-2839          | 12,978   |
|                                              | \$66,900 |

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

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

6. Wilson Hall - Replace Ceilings and Repair Interior Walls

Wilson Hall -  
Ceiling Replace-  
ment and Repair  
of Interior  
Walls

The following bids were received on May 18, 1978 for Wilson Hall - Replace Ceilings and Repair Interior Walls. This project involves the removal of ceiling tile and vinyl wall covering in all living area corridors from the first through sixth floors, the plastering of ceilings, and the patching and replastering of the walls to a condition ready for painting in those areas. Also included is the removal of doors and frames, the closing of openings between all activity rooms and resident adviser rooms, the replacement of ceiling tile at activity rooms and first-floor entry lobbies, and the replacement of existing incandescent ceiling fixtures with fluorescent fixtures at the lobbies.

| <u>Contractor</u>                  | <u>Base Bid</u> | <u>Alternate No. 1</u> |
|------------------------------------|-----------------|------------------------|
| McNeilly Construction, Inc.        | \$183,933       | \$ 7,950               |
| Charles Featherly Construction Co. | 202,500         | 11,012                 |
| Haussman Construction Co.          | 206,212         | 8,000                  |
| Kenrich Construction, Inc.         | 226,361         | 6,284                  |

Alternate No. 1 provides for the removal of vinyl wall covering and plaster patching as necessary to bring the wall surfaces to a "ready for paint" condition at the main stairs adjacent to the entrance lobbies.

It is recommended that a contract be awarded to the McNeilly Construction, Inc. of Lansing in the amount of \$191,883 covering the base bid plus Alternate No. 1, and that a project budget be established as follows:

continued - - -

Bids and  
Contract Awards

C. BIDS AND CONTRACT AWARDS, cont.

June 22-23, 1978

6. Wilson Hall, cont.

|                                          |               |
|------------------------------------------|---------------|
| Contract - McNeilly Construction, Inc.   | \$191,883     |
| Contingencies                            | 19,017        |
| Engineering, Supervision, and Expediting | <u>12,800</u> |
| Total Expected Expenditures              | \$223,700     |

Funds are available for this project in the Wilson Hall Account 21-2837.

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

Unanimously approved. Motion by Trustee Carrigan-Strickland, seconded by Trustee Radcliffe.

Other Items  
for Action

D. OTHER ITEMS FOR ACTION

1. Affiliation Agreement

Affiliation  
Agreement  
with Memorial  
Hospital,  
Owosso

In keeping with previously established policies and procedures, the College of Osteopathic Medicine has requested approval of an affiliation agreement between the University and the Memorial Hospital, Owosso, for the development of teaching programs in health care.

This affiliation agreement has been examined by the Office of the Dean, College of Osteopathic Medicine, by the Office of the Provost, and by the University Attorney. The agreement comes to the Board of Trustees with the Administration's recommendation that it be approved.

RESOLVED that the affiliation agreement between Michigan State University, College of Osteopathic Medicine, and the Memorial Hospital, Owosso, Michigan, be approved.

Unanimously approved. Motion by Trustee Carrigan-Strickland, seconded by Trustee Radcliffe.

Water Quality  
Management  
Project  
Allocation

2. Water Quality Management Project Allocation

Through the cooperation of the City of East Lansing, the University received federal support for the construction of the Water Quality Management Project. Final accounting and audit of this project has now been completed, and it is recommended that \$29,415 be allocated to complete the funding of the project. Total project cost is approximately \$2,350,000, of which \$709,000 was funded through University funds through the support of foundations, and approximately \$1,641,000 was provided through the cooperative arrangements with the City of East Lansing with the main funding sources being the EPA and state/federal cost sharing.

RESOLVED that the allocation of \$29,415 be made to complete the funding of this project.

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

Transfer and  
Investment of  
Funds

3. Transfer and Investment of Funds

During the 1977-78 fiscal year, the following amounts have been transferred from unrestricted gifts and grants to funds functioning as an endowment and have been invested in the appropriate pooled investment funds:

|                      |           |
|----------------------|-----------|
| Paul Wooley Memorial | \$ 400.00 |
| Chemistry Library    | 1,000.00  |

RESOLVED that the above investment report be accepted.

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

Partial Liqui-  
dation of Funds  
Functioning as  
an Endowment

4. Partial Liquidation of Funds Functioning as an Endowment

During the 1977-78 fiscal year, the following funds functioning as an endowment have been partially liquidated:

|                                                        |            |
|--------------------------------------------------------|------------|
| George B. Peters Scholarship Award in Criminal Justice | \$4,300.00 |
|--------------------------------------------------------|------------|

To cover scholarship expenditures which exceeded the investment income

|                               |             |
|-------------------------------|-------------|
| President's Club-Unrestricted | \$10,000.00 |
|-------------------------------|-------------|

To cover Juilliard String Quartet expenditures through the Music Department

RESOLVED that the above investment report be accepted.

Unanimously approved. Motion by Trustee Radcliffe, seconded by Trustee Carrigan-Strickland.

Growth Fund

5. Growth Fund

On March 21, 1975, the Board of Trustees, upon the recommendation of the University Administration, established three investment pools for the administration of the University's investment program. One of these pools was the Growth Fund with the objective of long-term investment. This fund was the smallest of the three investment funds. Included in the Growth Fund is The Albert H. Case Memorial Laboratory account, which makes up over 50% of this fund's assets. Over the next two to three fiscal years, we will be expending this fund to carry out the intended purpose of the donor, i.e., the creation of an instructional laboratory. Consequently, the remaining assets in the

continued - - -

D. OTHER ITEMS FOR ACTION, cont.

June 22-23, 1978

Other Items  
for Action5. Growth Fund, cont.Growth Fund,  
cont.

Growth Fund will not be sufficient to effectively administer it as a single fund. Upon the recommendation of the administrative staff, the Trustee Investment Committee concurred that the Growth Fund be closed into the Balanced Fund effective July 1, 1978. The current market value of the Growth Fund is approximately \$638,000. Included in this balance is approximately \$400,000 of assets for the Case account.

RESOLVED that the Growth Fund be closed into the Balance Fund  
as recommended.

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

6. Closing of Books 1977-78Closing of  
Books 1977-78

It is requested that Vice President Wilkinson be authorized to complete the closing entries of the financial records of the University for the fiscal year ending June 30, 1978, with final accounting to be made to the Board of Trustees during the presentation of the audited financial statements by Ernst & Ernst and the University representatives.

RESOLVED that the above recommendation be approved for the fiscal  
year ending June 30, 1978.

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

7. Continuation of Operation of the University at 1977-78 LevelContinuation of  
Operation of the  
Univ. at 1977-78  
level

It is requested that the University Administration be authorized to continue to operate the University at the 1977-78 fiscal level until the 1978-79 budgets have been established and approved by the Board of Trustees.

RESOLVED that the above recommendation be approved.

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

8. Guaranteed Student Loan ProgramGuaranteed  
Student Loan  
Program

At its meeting on May 25-26, 1978, the Board of Trustees authorized the Administration to proceed to secure funding up to \$500,000 for the Guaranteed Student Loan Program of the University for the 1978-79 fiscal year. Appropriate Resolutions, Financing and Security Agreement, Official Statement, and Summary of Action were distributed to the Trustees and are on file in the Secretary's Office. It is recommended that the Trustees adopt the proposed Resolutions and approve the Financing and Security Agreement.

RESOLVED that the documents relating to the financing of the  
1978-79 Guaranteed Student Loan Program be approved.

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

9. Name Change for MSU/ERDA Plant Research LaboratoryMSU/ERDA Plant  
Research Lab.  
changed to  
MSU/DOE Plant  
Research Lab.

The name of the laboratory under the direction of Dr. Anton Lang has been MSU/ERDA Plant Research Laboratory since January 1, 1975. (Minutes of the Board of Trustees, September 26, 1975)

Under the Supplemental Agreement to Contract No. EY-76-C-02-1338 effective January 1, 1978 with the Department of Energy for the main funding of the Laboratory, the terms "Department of Energy" and "DOE" have been substituted for "Energy, Research and Development Administration" and "ERDA" respectively. The official Board-approved name of the Laboratory should be changed to MSU/DOE Plant Research Laboratory. The name of the building which houses the Laboratory should continue to be Plant Biology Laboratories.

This request was initiated by Dr. Anton Lang and is recommended by the Provost and the Vice President for Research and Graduate Studies.

RESOLVED that the name of the MSU/ERDA Plant Research Laboratory shall be  
changed to MSU/DOE Plant Research Laboratory, effective July 1, 1978.

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

10. Architect AppointmentsArchitects  
appointed for  
alterations to  
Union Bldg.,  
International  
Ctr., Museum,  
other projects

Major remodeling and additions to provide accessibility by handicappers and to correct serious fire safety problems are needed for three campus buildings: the Union, the International Center, and the Museum. It is recommended that the following architectural appointments be made to assist in these projects:

Union Building

- Mayotte Crouse & D'Haene,  
Architects, Inc., East Lansing

International Center

- Ralph Calder Assoc., Inc.,  
Detroit

Museum

- Stein, Hinkle, Dawe & Associates,  
Lansing

In addition to these appointments, Engineering Services, Physical Plant Division, requests permission to engage Mayotte Crouse & D'Haene to assist their staff by

continued - - -

Other Items  
for Action, cont.  
  
Architect  
Appointments,  
cont.

Resolution re  
Public Act 105  
of 1978

Sami Esmail  
Resolution

Reports to the  
Board

Title IX  
Compliance

Enrichment  
Program

D. OTHER ITEMS FOR ACTION, cont.

June 22-23, 1978

10. Architect Appointments, cont.

providing design services over the next few months. They have a large backlog of alteration projects that are urgently needed, including the Men's Intramural Building locker room revisions for the women's sports programs.

RESOLVED that the above architectural appointments be approved.

Motion was made by Trustee Carrigan-Strickland, seconded by Trustee Radcliffe, to approve the above resolution. Carried by a vote of 5 to 1. Trustee Stack voted No.

11. Resolution Opposing Implementation of Public Act 105 of 1978.

Trustee Carrigan-Strickland presented the following resolution concerning Public Act 105 of 1978 which provides for tuition rebates to students in private institutions. She noted that funding for this program would be competitive with funding of public higher education. Similar resolutions have been adopted by Wayne State University and the University of Michigan.

WHEREAS, the state appropriations to public universities and colleges have been steadily decreasing in comparison to the cost of higher education resulting in steadily increasing student tuition and fees; and

WHEREAS, student aid and loan funds are not presently sufficient to service the needs of students at public institutions; and

WHEREAS, the governor and legislature acknowledge that public higher education in Michigan is underfunded at the present time;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees of Michigan State University opposes the appropriation of state funds for implementation of Public Act 105 of 1978 and urges its repeal.

Motion to adopt the resolution was made by Trustee Carrigan-Strickland, seconded by Trustee Stevens. Carried by a vote of 5 to 1; Trustee Stack voted No.

12. Sami Esmail Resolution

The following resolution was offered by Trustee Krolikowski:

WHEREAS, the members of the Board of Trustees of Michigan State University have followed with special interest the developments in the case of Sami Esmail who received a fifteen month sentence by the Israeli court for membership in a Palestinian organization; and

WHEREAS, the Michigan State University Board of Trustees has observed that Sami Esmail's conviction was based solely on an uncorroborated confession which had been obtained after five continuous days of detention and without the benefit of counsel; and

WHEREAS, it is undisputed that Sami Esmail's presence in Israel at the time of his arrest was for the sole purpose of visiting his father who had been critically ill and that he, Sami Esmail, had no hostile intent and had committed no hostile act toward the government of Israel; and

WHEREAS, Sami Esmail was convicted for his political views and associations which he had expressed in East Lansing, Michigan, and Libya more than one and one-half years prior to his arrival and arrest in Israel; and

WHEREAS, the activities for which Sami Esmail was convicted were an exercise of his constitutionally guaranteed right of freedom of speech and association, and that such rights had been violated by the government of Israel; and

WHEREAS, Sami Esmail's sentence is unjust and of grave concern to the members of the Board of Trustees;

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Michigan State University joins with all other concerned persons and groups and calls on the government of Israel to suspend the sentence imposed on Sami Esmail and authorize his immediate release from detention and insure his safe return to Michigan State University.

Motion was made by Trustee Martin, seconded by Trustee Stack to adopt the above resolution. Approved by a vote of 5 to 0; Trustee Radcliffe was not in the room at the time the vote was taken. Trustee Stack asked that the resolution be conveyed to the proper Israeli authorities.

E. REPORTS TO THE BOARD

1. President's Report

a. Title IX Compliance

President Harden reported that he had very recently received preliminary reports from the committee appointed to address the question of the Athletic Department's compliance with Title IX and from the University's legal department on its audit of the University's Title IX compliance effort. These reports will be combined and made available to the Trustees prior to the July Board meeting.

b. Enrichment Program

Vice President Scott reported that the Enrichment campaign has reached a total of \$10,500,000, approximately \$7,500,000 of which has been designated for the Performing Arts Center. The design architect is bringing plans up to date for initially building

E. REPORTS TO THE BOARD, cont.

June 22-23, 1978

Reports to the Board, cont.

1. President's Report, cont.b. Enrichment Program, cont.

Enrichment Program, cont.

the Performing Arts Center without the Theatre wing but with provisions for adding it if and when funding becomes feasible. An attached parking ramp also is being considered. It is hoped that final working drawings will be available by December 1, 1978. The next phase of the fund-raising campaign will begin early in July.

c. Committee on the Handicapped

Committee on the Handicapped

President Harden and Vice President Wilkinson have received a report from the Committee on the Handicapped with recommendations for first steps to be taken to improve building accessibility. These suggestions will be reviewed by the University architect's office and other appropriate units and recommendations based on the feasibility of funding will be reported to President Harden.

d. Lansing-area Arena

Lansing-area Arena

President Harden commented on reports that two groups are investigating the possibility of building an arena in the Lansing area which could be used by MSU. It is the Administration's feeling that such a facility would be of interest to the University if it could be made available under terms which would be in the best interests of the University. The University's first internal priority must be the expansion of intramural facilities.

e. University Group Insurance Program

University Group Insurance Program

A recommendation dealing with concerns expressed regarding the University's group insurance program is expected to be ready within the next month.

2. Board Committee Reports

Board Committee Reports

a. Affirmative Action Committee

Affirmative Action

Trustee Martin presented the following report on behalf of the Affirmative Action Committee:

The Affirmative Action Committee heard reports from the Departments of Human Relations and Personnel and Employee Relations on revisions in the University's affirmative action plan. The revisions stem from new interpretations and directives issued in recent months by the Department of Health, Education and Welfare and the Department of Labor. Enforcement of most federal affirmative action requirements is due to shift to the Department of Labor from HEW on October 1.

The revisions to the MSU plan include a much more detailed analysis of the "availability pool" of qualified women and minority faculty members. This will lead to the setting of new hiring goals for University departments where such persons are now under-represented according to their theoretical availability. At the same time, a similar analysis is being made for non-academic employment, and goals will be established based on availability of persons in various job categories. In many cases, a national labor market will be used to determine availability, rather than the Lansing area labor market.

Other improvements include a better tracking system for applicants, revised hiring procedures for faculty to insure affirmative action considerations before final decisions are made, provision for promotion review by the Provost, and continued analysis of salaries to assure equity between women and men.

Motion was made by Trustee Carrigan-Strickland, seconded by Trustee Stevens to accept the above report. Motion approved by a vote of 4 to 0. Trustee Radcliffe and Stack abstained.

Trustee Stack requested that a review of the Department of Human Relations be undertaken by an outside consultant. The review should evaluate the University's compliance with present regulations and include impressions from interested members of the community as to progress that has been made. He asked that the consultant's report be submitted to the Trustees.

Present Harden requested to prepare proposal for review of Dept. of Human Relations

Trustee Carrigan-Strickland commented that there seems to be a feeling among the Trustees that it would be timely to review the entire Human Relations operation, not only in terms of its performance, but also in terms of the administrative structure and the way in which it functions. She suggested that President Harden be requested to present a proposal for addressing the questions that the Trustees have raised and others that he may have.

Motion was made by Trustee Carrigan-Strickland, seconded by Trustee Radcliffe to request President Harden to report at the July Board meeting his suggestions as to how the University might further investigate the several questions that have been raised relative to the structure and function of the Department of Human Relations. Unanimously carried.

b. Health Programs Committee

Health Programs Committee

Trustee Stack reported that the Health Programs Committee heard a report from representatives of the Library on the need for a biomedical library to serve the Colleges of Veterinary, Human, and Osteopathic Medicine and the entire University community. The question of the development of a medical library in conjunction with a new learning center in carrying out some of the University's lifelong education commitments was also discussed.

Reports to the Board, cont.

E. REPORTS TO THE BOARD, cont.

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2. Board Committee Reports, cont.

Health Programs Committee, cont.

b. Health Programs Committee, cont.

Trustee Stack reported that the College of Osteopathic Medicine is considering the development of a Department of Pediatrics and also is attempting to establish a University-sponsored intern or resident program.

Motion was made by Trustee Stevens, seconded by Trustee Radcliffe, to accept the report of the Health Programs Committee. Unanimously carried.

Investment Committee

c. Investment Committee

Prior to the Board meeting, the Trustees had received the report of the University Committee on Academic Environment concerning the University's investments in firms doing business in South Africa. The report was accepted by the Trustee Investment Committee at its meeting on June 22, 1978. It was recommended by the Investment Committee that this report be accepted by the Board.

Report of Univ. Committee on Academic Environment accepted

Motion was made by Trustee Radcliffe, seconded by Trustee Martin, that the Investment Committee recommendation be approved. Approved by a vote of 5 to 0; Trustee Carrigan-Strickland was not in the room at the time the vote was taken.

Preamble, Job Description and Rating Scale developed by Pres. Search and Selection Committee adopted

3. All-University Presidential Search and Selection Advisory Committee

Copies of the Preamble, Job Description, and Rating Scale developed by the Search and Selection Committee under the procedures adopted by the Board on February 3, 1978 were distributed to the Trustees prior to the Board meeting and copies are filed in the Secretary's Office.

Motion was made by Trustee Carrigan-Strickland, seconded by Trustee Stevens, to adopt the three documents. Unanimously carried.

Adjourned.

Edgar L. Harden  
President

Elliott D. Ballard  
Secretary