

MINUTES OF THE EXECUTIVE SESSION
of the
MICHIGAN STATE UNIVERSITY
• BOARD OF TRUSTEES
September 24, 1976

Present: Trustees Bruff, Carrigan, Huff, Krolikowski, Martin, Radcliffe, Stack, and Stevens; President Wharton, Provost Boger, Executive Vice President Breslin, Vice President Wilkinson, Secretary Ballard, Vice Presidents Cantlon, Nonnanaker, and Perrin, Attorney Carr.

Absent: Vice President Scott.

The Board met in the President's Conference Room at 11:35 a.m.

1. Motion was made by Trustee Carrigan, seconded by Trustee Radcliffe, and unanimously carried to approve the following special appointments:

Appointments of
members of
Juilliard String
Quartet

1. Earl Carlyss, Artist in Residence, Department of Music, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1977 through August 31, 1980.
2. Joel Krosnick, Artist in Residence, Department of Music, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1977 through August 31, 1980.
3. Robert Mann, Artist in Residence, Department of Music, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1977 through August 31, 1980.
4. Samuel Rhodes, Artist in Residence, Department of Music, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1977 through August 31, 1980.

These appointments will bring the Juilliard String Quartet to Michigan State University. The quartet will be known as the "Juilliard String Quartet in Residence at Michigan State University" and will continue its extensive nationwide concert tour in addition to scheduling several on-campus performances annually. It is anticipated that funds for these appointments will be secured from outside sources.

2. The following persons were recommended by President Wharton from those nominated by the MSU Alumni Association to be designated honorary alumni:

Honorary Alumni

Dr. Edward Manning, Saginaw physician
Mr. Elton Smith, President, Michigan Farm Bureau
Mrs. Jennie Stoddard, widow of Howard Stoddard
Dr. Gwen Norrell, Assistant Director, MSU Counseling Center.

Trustee Carrigan's motion, seconded by Trustee Radcliffe, to approve the above nominations was unanimously carried.

3. Motion was made by Trustee Huff, seconded by Trustee Radcliffe to name the Clinical Sciences facility the Clinical Center. Unanimously carried.

Naming of
Clinical Sci-
ences facility

4. On motion by Trustee Huff, seconded by Trustee Radcliffe, it was unanimously voted to continue the University's membership in the Michigan Energy and Resource Research Association (MERRA).

5. A report on the construction of facilities for the Center for Laboratory Animal Care was presented by Vice President Wilkinson.

Report on con-
struction of
facilities
for Lab. Animal
Care Service

On motion by Trustee Bruff, seconded by Trustee Radcliffe, it was unanimously voted to table this item until the October meeting of the Board.

6. Vice President Cantlon reviewed the proposal which the administration had submitted to the National Science Foundation to locate a major heavy ion research facility on the University campus. Details of this proposal are on file in the Secretary's Office.

Proposal for
heavy ion
research facil-
ity approved

On motion by Trustee Huff, seconded by Trustee Stack, it was voted to approve this proposal to NSF with the provision that the administration obtain Board approval before a specific contract or agreement is consummated.

Adjourned.

MINUTES OF THE MEETING
of the
MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
September 24, 1976

Present: Trustees Bruff, Carrigan, Huff, Krolikowski, Martin, Radcliffe, Stack, and Stevens; President Wharton, Provost Boger, Executive Vice President Breslin, Vice President Wilkinson, Secretary Ballard, Vice Presidents Cantlon, Nonnamaker, Perrin, and Scott, Attorney Carr.

Absent: No one.

The Board convened in the Board Room at 9:08 a.m., President Wharton presiding.

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

2. On motion by Trustee Stevens, seconded by Trustee Martin, it was unanimously voted to approve the July 30, minutes.

A. PERSONNEL CHANGES

Resignations

Resignations

1. James L. Harden, County Extension 4-H Youth Agent, Oakland County, effective November 8, 1976, to accept employment with the National 4-H Service Committee, Chicago, Illinois.
2. Elizabeth L. Wilson, Extension Home Economist, Midland, Bay and Saginaw Counties, effective September 30, 1976 to seek employment elsewhere.
3. Michael R. Jaske, Specialist, Agricultural Economics, effective August 20, 1976, to accept another position off campus.
4. Robert J. Collier, Research Associate, Dairy Science, effective September 24, 1976, to except employment elsewhere.
5. Walter H. Conley, Assistant Professor, Fisheries and Wildlife, effective August 31, 1976, to accept a position at New Mexico State University, Las Cruces, New Mexico.
6. David L. Sanford, Instructor, Horticulture; and the Institute of Agricultural Technology, effective September 15, 1976, to devote full-time to graduate studies.
7. Lowell A. Fiet, Assistant Professor, Theatre, effective August 31, 1976.
8. Gregory Sherburn, Instructor, Audiology and Speech Sciences, effective August 31, 1976, to accept a position at the University of Texas, Dallas, Texas.
9. Douglas E. Appelt, Specialist, Engineering Research, effective September 10, 1976, to return to graduate studies.
10. Cancellation of the appointment of Nicholas J. Altiero, Assistant Professor, Metallurgy, Mechanics and Materials Science; and the Division of Engineering Research, effective September 1, 1976 through August 31, 1977.
11. Patricia Fuerstenau, Specialist & Curriculum Assistant, Food Science and Human Nutrition, effective August 31, 1976.
12. Kusum M. Patel, Assistant Professor, Food Science and Human Nutrition, effective August 25, 1976, to accept a position elsewhere.
13. Susan J. Scheunemann, Instructor, Food Science and Human Nutrition, effective September 30, 1976; leaving the area.
14. Elizabeth M. Seelhoff, Specialist, Institute for Family and Child Study; and Family and Child Sciences, effective August 31, 1976.
15. John H. Nilson, Research Associate, Biochemistry, effective August 31, 1976; accepting an NIH Postdoctoral Fellowship.
16. Suk J. Chang, Assistant Professor, Surgery, effective July 31, 1976, to devote full-time to private practice.
17. Hilliard Jason, Professor, Medical Education Research and Development, effective August 31, 1976, to work with AAMC.
18. James R. Messick, Instructor, Medical Education Research and Development, effective July 31, 1976, to accept a position with Westinghouse Health Systems.
19. Cyril M. Manthorpe, Jr., Research Associate, Biochemistry, effective June 30, 1976, to accept an NIH Postdoctoral Fellowship.

A. PERSONNEL CHANGES, continued

September 24, 1976

Resignations

Resignations, cont.

20. James Burness, Postdoctoral Fellow, Biophysics, effective August 31, 1976, to accept employment elsewhere.
21. Eric R. Johnson, Research Associate, Chemistry, effective August 31, 1976, to accept a position with the MAT Division of Varian.
22. Frank P. Tully, Research Associate, Chemistry, effective July 31, 1976, to accept a position with the Engineering Experiment Station in Atlanta, Georgia.
23. Kerry F. Harris, Research Associate, Entomology, effective August 31, 1976, to accept a position at Texas A&M University.
24. Richard J. Sauer, Associate Professor, Entomology; and Acting Associate Director, Agricultural Experiment Station, effective August 31, 1976, to accept Chairmanship of the Department of Entomology, Kansas State University.
25. B. Y. J. Ballal, Research Associate, Mathematics, effective August 31, 1976; returning to China.
26. Chuen Chang, Research Associate, Physics, effective August 31, 1976, to take residence in North Carolina.
27. Brian Dodge, Specialist, Physics, effective September 30, 1976, to take up residence in North Carolina.
28. Katsushi Manabe, Research Associate, MSU/ERDA Plant Research Laboratory, effective August 31, 1976, to accept a position at the University of Illinois.
29. Robert C. Cyman, Associate Clinical Professor, Family Medicine, effective August 31, 1976.
30. Robert H. Itsell, Associate Clinical Professor, Family Medicine, effective August 31, 1976; relocating to Arizona.
31. Charles P. Russo, Assistant Clinical Professor, Family Medicine, effective July 31, 1976; enlisted in the United States Air Force.
32. James E. Smith, Associate Clinical Professor, Family Medicine, effective August 31, 1976; relocaing to Oregon to open practice.
33. Elroy C. Klaviter, Research Associate, Microbiology and Public Health, effective August 31, 1976, to accept position with the Michigan Department of Public Health.
34. Robert H. Berry, Assistant Professor, Osteopathic Medicine, effective July 31, 1976, to return to private practice.
35. Bert M. Bez, Professor, Osteopathic Medicine, effective July 31, 1976, to return to private practice.
36. Daryl L. Smith, Assistant Professor, Osteopathic Medicine, effective September 30, 1976, to go into private practice.
37. Frederick H. Buttel, Assistant Professor, Sociology, effective December 31, 1976, to accept a position at Ohio State University.
38. Robert D. Pursley, Assistant Professor, Criminal Justice, effective August 31, 1976, to accept a position with the University of Arkansas, Little Rock, Arkansas.
39. Lawrence Tharp, Assistant Professor, Social Science, effective August 31, 1976, to go into newspaper work.
40. Roger W. Cook, Research Associate, Microbiology and Public Health, effective September 15, 1976, to accept graduate assistantship in Department of Pathology.
41. Frank A. Kutyna, Assistant Professor, Physiology, effective July 31, 1976, to accept a position at the Uniformed Services University of the Health Sciences.
42. Joan P. Peterson, Instructor, University Extension, Continuing Education, effective October 4, 1976, to seek full-time employment.
43. Linda G. Bills, Librarian, Libraries, effective September 30, 1976, to accept a position at the University of West Florida.
44. Paul I. Hollister, Assistant Professor, Dean's Office, College of Human Medicine; and the Department of Medicine, effective September 30, 1976, to return to private practice.

A. PERSONNEL CHANGES, continued

September 24, 1976

Leaves--SabbaticalSabbatical
Leaves

1. Arthur N. Athanason, Assistant Professor, English, with full pay, from April 1, 1977 through June 30, 1977, to study in East Lansing.
2. William A. Johnsen, Associate Professor, English, with full pay, from September 1, 1976 through December 31, 1976, to study in East Lansing.
3. Roger K. Meiners, Professor, English, with full pay, from April 1, 1977 through June 30, 1977, to study in East Lansing and Colorado.
4. V. P. Sreedharan, Professor, Mathematics, with full pay, from January 1, 1977 through March 31, 1977, to study and travel in East Lansing and India.
5. Dorian Feldman, Associate Professor, Statistics and Probability, with full pay, from October 1, 1976 through December 31, 1976, to study in East Lansing.
6. Derek T. A. Lamport, Professor, MSU/ERDA Plant Research Laboratory, with half pay, from October 1, 1976 through September 30, 1977, to study in England.
7. Stanley D. Brunn, Associate Professor, Geography, with full pay, from April 1, 1977 through June 30, 1977, to study and travel in East Lansing and Florida.
8. Robert I. Wittick, Associate Professor, Geography; and Computer Institute for Social Science Research, with full pay, from January 1, 1977 through March 31, 1977, to study in East Lansing.
9. Karl F. Thompson, Professor and Chairman, Humanities, with full pay, from June 1, 1977 through August 31, 1977, to study and travel in Europe.

Leaves--Health

Health Leaves

1. Andrea A. Ay, County Extension 4-H Youth Agent, Oceana County, with full pay, from August 3, 1976 through September 26, 1976.
2. Richard B. Bailey, Extension Agricultural Agent, Kalamazoo County, with full pay, from July 19, 1976 through October 10, 1976.
3. Shirley C. Hamman, Extension Home Economist, Allegan, Ottawa and Kent Counties, with full pay, from July 20, 1976 through September 14, 1976.
4. Janice K. Hartough, Extension Home Economist, Calhoun, Jackson, Branch and Hillsdale Counties, with full pay, from June 27, 1976 through August 8, 1976.
5. Sharon W. Van Dyne, District Extension Consumer Marketing Information Agent, Lansing area, with full pay, from June 22, 1976 through August 4, 1976.
6. Julius S. Nesbit, Associate Professor, Family Medicine, with full pay, from August 27, 1976 through January 27, 1977.

Leaves--Other

Other Leaves

1. Aune I. Nelson, Extension Home Economist, Gogebic and Ontonagon Counties, with half pay, from September 1, 1976 through August 31, 1977, to study in Wisconsin.
2. Sharon W. Van Dyne, District Extension Consumer Marketing Information Agent, Lansing area, without pay, from August 5, 1976 through September 30, 1976; child care.
3. Ronald L. Shelton, Associate Professor, Resource Development; and Urban Planning and Landscape Architecture, without pay, from January 1, 1977 through March 15, 1977, to serve as a Visiting Professor at UCLA.
4. Donna Arnink, Assistant Professor, Theatre, without pay, from September 1, 1976 through August 31, 1977, to serve as a Visiting Professor at Pennsylvania State University.
5. James M. Johannes, Instructor, Economics, without pay, from September 1, 1976 through December 31, 1976, to study at the University of Wisconsin.
6. Martha J. Soltow, Librarian, Labor and Industrial Relations, without pay, from August 30, 1976 through September 17, 1976, for personal reasons.
7. Douglas A. Noverr, Assistant Professor, American Thought and Language, without pay, from September 1, 1976 through August 31, 1977, to serve as a Fulbright lecturer in Poland.
8. Alwynelle S. Ahl, Associate Professor, Natural Science, without pay, from January 1, 1977 through December 31, 1977, to accompany her husband to Wyoming.
9. Harry P. Pachon, Assistant Professor, Urban and Metropolitan Studies, without pay, from September 1, 1976 through August 31, 1977, to serve as a Fellow in the NASPAA Program for the 1976-77 program year.

Transfers and
Changes in
Assignment

A. PERSONNEL CHANGES, continued

September 24, 1976

Transfers and Changes in Assignment

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| Carl K. Eicher | 1. Change in beginning date of sabbatical leave, half pay, from September 15, 1976 to September 20, 1976, for Carl K. Eicher, Professor, Agricultural Economics. |
| Donald O. Mitchell | 2. Change in the beginning date of appointment of Donald O. Mitchell as Assistant Professor, Agricultural Economics, from August 1, 1976 to July 19, 1976. |
| Jack H. Britt | 3. Change Jack H. Britt from Associate Professor and Acting Chairman, Dairy Science, at a salary of \$23,950 per year, to Associate Professor, Dairy Science, at a salary of \$22,750 per year on a 12-month basis, effective October 1, 1976. |
| Harold D. Hafs | 4. Change Harold D. Hafs from Professor, Dairy Science and Physiology, at a salary of \$35,300 per year on a 12-month basis, to Professor and Chairman, Dairy Science, at a salary of \$36,800 per year on a 12-month basis, effective October 1, 1976. |
| Clifford O. Jump | 5. Change beginning date of appointment of Clifford O. Jump as Associate Professor and Director, Institute of Agricultural Technology, and Assistant Director, Academic and Student Affairs, College of Agriculture and Natural Resources, from July 1, 1976 to July 16, 1976. |
| Richard O. Niehoff | 6. Payment of \$10,194 plus retirement pay for the period July 1, 1976 through October 31, 1976 for Richard O. Niehoff, Professor Emeritus, Education, for assignment in the Institute of International Studies in Education. |
| Nicholas J. Altiero | 7. Additional assignment to Engineering Research, effective September 1, 1976 through August 31, 1977, for Nicholas J. Altiero, Assistant Professor, Metallurgy, Mechanics, and Materials Science. |
| John B. Kreer | 8. Designation of John B. Kreer, Professor, as Acting Chairman, Electrical Engineering and Systems Science, with an increase in salary to \$29,650 per year on a 12-month basis, effective September 1, 1976. |
| Dena Cederquist | 9. Change Dena Cederquist, Professor, Food Science and Human Nutrition, from 100% time at a salary of \$24,650 per year to 50% time at a salary of \$12,325 per year effective September 1, 1976 through August 31, 1977. |
| Alice A. Spangler | 10. Change from Assistant Adjunct Professor at no salary to Assistant Professor, 50% time, at a salary of \$7,500 for the period September 1, 1976 through June 30, 1976, for Alice A. Spangler, Food Science and Human Nutrition. |
| W. Donald Weston | 11. Change W. Donald Weston from Professor, Psychiatry, and Health Services Education and Research, and Associate Dean, College of Human Medicine, to Professor, Psychiatry, and Health Services Education and Research, and Acting Dean, College of Human Medicine, with an increase in salary to \$50,500 per year on a 12-month basis, effective September 1, 1976. |
| Christiana S. Blume | 12. Change Christiana S. Blume from Assistant Professor and Acting Director to Assistant Professor and Director, Medical Technology, effective July 1, 1976. |
| Albert P. Linnell | 13. Change Albert P. Linnell from Professor and Chairman, to Professor, Astronomy and Astrophysics, and a change from a 12-month basis at a salary of \$33,600 per year to a 10-month basis at a salary of \$26,880 per year, effective September 1, 1976. |
| Thomas R. Stoeckley | 14. Change Thomas R. Stoeckley from Associate Professor to Associate Professor and Chairman, Astronomy and Astrophysics, and a change from a 10-month basis at a salary of \$16,600 per year to a 12-month basis, at a salary of \$21,950 per year effective September 1, 1976. |
| Veronica M. Maher | 15. Change in terms of appointment of Veronica M. Maher as Associate Professor, Dean's Office, College of Osteopathic Medicine, from a salary of \$4,375 for the period July 1, 1976 through August 31, 1976, to a salary of \$2,188 for the period August 1, 1976 through August 31, 1976. |
| J. Justin McCormick | 16. Change in terms of appointment of J. Justin McCormick as Associate Professor, Dean's Office, College of Osteopathic Medicine, from a salary of \$4,375 for the period July 1, 1976 through August 31, 1976, to a salary of \$2,188 for the period August 1, 1976 through August 31, 1976. |
| David K. Michael | 17. Change David K. Michael, Biomechanics, from Clinical Instructor, variable time, at no pay, to Instructor, 100% time, at a salary of \$11,700 for the period October 1, 1976 through June 30, 1977. |
| Roy J. Harvey | 18. Designation of Roy J. Harvey, Associate Professor, as Acting Chairman, Department of Family Medicine, with an increase in salary to \$39,400 per year on a 12-month basis, effective September 16, 1976. |
| Paul A. Parente | 19. Change Paul A. Parente from Assistant Clinical Professor to Associate Clinical Professor, Family Medicine and Biomechanics, effective July 1, 1976 through June 30, 1977. |

A. PERSONNEL CHANGES, continued

September 24, 1976

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| | Transfers and
Changes in
Assignment |
| 20. Change Teofila C. Beaman, Instructor, Microbiology and Public Health, from 50% time at a salary of \$8,778 per year to 80% time at a salary of \$14,045 per year on a 12-month basis, effective July 1, 1976 through October 31, 1976. | Teofila C.
Beaman |
| 21. Change Richard P. Beshore from Assistant Clinical Professor to Associate Clinical Professor, Osteopathic Medicine, and a change from variable time at no salary to 25% time at a salary of \$11,500 per year on a 12-month basis, effective August 1, 1976 through June 30, 1977. | Richard P.
Beshore |
| 22. Change in beginning date of appointment of Michael J. James as Associate Professor, Osteopathic Medicine, from September 1, 1976 to August 1, 1976. | Michael J. James |
| 23. Change George E. Kleiber, Associate Professor, Osteopathic Medicine, from a salary of \$40,000 per year to no salary, effective September 1, 1976 through June 30, 1977. | George E.
Kleiber |
| 24. Additional assignment as Professor, Social Science Research Bureau, effective September 1, 1976 through August 31, 1977 for Charles F. Cnudde, Professor and Chairman, Department of Political Science. | Charles F.
Cnudde |
| 25. Change Zolton A. Ferency, Associate Professor, Criminal Justice, from 100% time at a salary of \$20,200 per year to 66-2/3% time at a salary of \$13,467 per year on a 10-month basis, effective September 1, 1976 through November 10, 1976. | Zolton A.
Ferency |
| 26. Change Robert H. Scott from Lecturer to Professor, Criminal Justice, and from variable time at no salary to 12% time at a salary of \$690 for the period October 1, 1976 through December 31, 1976. | Robert H. Scott |
| 27. Additional assignment as Acting Director, Criminal Justice, with an increase in salary to \$25,100 per year on a 12-month basis, effective July 16, 1976 for Robert C. Trojanowicz, Associate Professor, Criminal Justice, and Assistant Dean for Continuing Education, College of Social Science. | Robert C.
Trojanowicz |
| 28. Change Joseph P. Miller, Jr. from Associate Professor and Acting Director, Social Work, at a salary of \$25,350 per year to Associate Professor, Social Work, at a salary of \$24,150 per year on a 12-month basis, effective September 1, 1976. | Joseph P.
Miller, Jr. |
| 29. Additional assignment as Acting Director, Center for Urban Affairs, with an increase in salary to \$21,700 per year on a 12-month basis, effective August 1, 1976 through June 30, 1977 for George W. Logan, Assistant Professor, Urban and Metropolitan Studies. | George W.
Logan |
| 30. Payment of \$1,440 plus retirement pay for the period July 1, 1976 through December 31, 1976, 10% time, for Theodore W. Forbes, Professor Emeritus, Psychology and Highway Traffic Safety Center. | Theodore W.
Forbes |
| 31. Additional assignment as Associate Director, African Studies Center, effective July 1, 1976 through June 30, 1977 for Ruth S. Hamilton, Associate Professor, Sociology; and Racial and Ethnic Studies. | Ruth S.
Hamilton |
| 32. Change Andrew D. Hunt from Professor, Human Development, and Dean, College of Human Medicine, to Professor, Human Development, and Acting Director, Health Services Programs, Office of Health Services, effective September 1, 1976. | Andrew D. Hunt |
| 33. Additional assignment as Acting Clinical Director of Nursing, Health Services Programs, Office of Health Services, effective July 1, 1976 through September 30, 1976, for Sandra Simmons, Assistant Professor, Nursing. | Sandra Simmons |
| 34. Approved for Gus Ganakas, Associate Professor, Health, Physical Education and Recreation, and Director's Office, Intercollegiate Athletics, an assignment as Assistant to the Director, Intercollegiate Athletics, effective July 1, 1976. | Gus Ganakas |
| 35. Approved for Merrill R. Pierson an assignment as Assistant to the Vice President for Student Affairs and Services at a salary of \$11,200 per year plus retirement pay, effective July 1, 1976 through June 30, 1977. | Merrill R.
Pierson |
| 36. Assignment of Merle L. Esmay, Professor, Agricultural Engineering, and Dean of International Studies and Programs, to Overseas-Brazil MEC Project at an overseas salary of \$31,405 per year on a 12-month basis, effective June 15, 1976 through August 31, 1976. | Merle L. Esmay |
| 37. Assignment of Robert H. Wilkinson, Associate Professor, Agricultural Engineering, to Overseas-Brazil-MEC Project at an overseas salary of \$24,310 per year on a 12-month basis effective July 1, 1976 through August 20, 1976. | Robert H.
Wilkinson |
| 38. Assignment of William T. Magee, Professor, Animal Husbandry, and Institute of Agricultural Technology, to Overseas-Brazil-MEC Project at an overseas salary of \$29,920 per year on a 12-month basis, effective September 1, 1976 through November 30, 1976. | William T.
Magee |
| 39. Assignment of Gerhardt Schneider, Professor, Forestry, and Fisheries and Wildlife, to Overseas-Brazil-MEC Project at an overseas salary of \$29,123 per year on a 12-month basis, effective June 20, 1976 through August 26, 1976. | Gerhardt
Schneider |

A. PERSONNEL CHANGES, continued

September 24, 1976

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

- Otto Suchsland 40. Assignment of Otto Suchsland, Professor, Forestry, to Overseas-Brazil-MEC Project at an overseas salary of \$27,390 per year on a 12-month basis, effective September 1, 1976 through November 4, 1976.
- Jonathan W. Wright 41. Assignment of Jonathan W. Wright, Professor, Forestry, to Overseas-Brazil-MEC Project at an overseas salary of \$32,697 per year on a 12-month basis, effective August 4, 1976 through September 6, 1976.
- Carl H. Gross 42. Assignment of Carl H. Gross, Professor and Chairman, Secondary Education and Curriculum, to Overseas-Japan effective July 1, 1976 through August 9, 1976.
- Gordon R. Carter 43. Assignment of Gordon R. Carter, Professor, Microbiology and Public Health, to Overseas-Brazil-MEC Project at an overseas salary of \$33,302.50 per year on a 12-month basis, effective August 14, 1976 through October 19, 1976.
- Stephen C. Zopf 44. Change Stephen C. Zopf from Accountant A-P 10 to Systems and Procedures Analyst A-P 13, Dean's Office, College of Human Medicine, with an increase in salary to \$15,900 per year on a 12-month basis, effective August 1, 1976.
- Antoinette Thiel 45. Transfer Antoinette Thiel from Laboratory Technician C-T VII, Human Development, to Research Assistant, Natural/Health Sciences, A-P 7, Zoology, with an increase in salary to \$9,010 per year on a 12-month basis, effective August 1, 1976.
- Elaine H. Frank 46. Change Elaine H. Frank from Administrative Assistant A-P 10 to Senior Administrative Assistant A-P 12, Dean's Office, College of Natural Science, with an increase in salary to \$17,130 per year on a 12-month basis, effective July 1, 1976.
- Steven H. Weiss 47. Change Steven H. Weiss, Kellogg Biological Station, from Research Technician C-T VIII at \$4.55 per hour, to Programmer A-P 8 at a salary of \$9,760 per year on a 12-month basis, effective September 1, 1976.
- Linda Supanich 48. Change Linda Supanich, Off Campus Credit Extension, Continuing Education, from Office Supervisor C-T IX to Administrative Assistant I A-P 8 with an increase in salary to \$9,760 per year on a 12-month basis, effective July 1, 1976.
- Judith Ann Hagenbuch 49. Transfer Judith Ann Hagenbuch from Executive Secretary C-T VIII, Administration and Higher Education, to Administrative Secretary A-P 8, Provost's Office, with an increase in salary to \$11,300 per year on a 12-month basis, effective August 24, 1976.
- Shirley J. Hurni 50. Transfer Shirley J. Hurni from Office Supervisor C-T IX, Psychiatry, to Administrative Secretary A-P 8, Assistant Provost for Health Programs, with an increase in salary to \$13,150 per year on a 12-month basis, effective October 1, 1976.
- Larry Kozobarich 51. Change Larry Kozobarich, TV Broadcasting, from Coord. Comm. Rel. Telecom. A-P 9 to Dev. Officer/Telecom. I A-P 10, with an increase in salary to \$12,160 per year on a 12-month basis, effective October 1, 1976.
- James Lukey 52. Change James Lukey, Computer Laboratory, from Programmer A-P 8 to Programmer Analyst A-P 10, with an increase in salary to \$12,920 per year on a 12-month basis, effective October 1, 1976.
- Ron Stanton 53. Change Ron Stanton, Computer Laboratory, from Programmer Analyst A-P 10 to Systems Programmer A-P 11 with an increase in salary to \$14,900 per year on a 12-month basis, effective October 1, 1976.
- William W. Shell 54. Transfer William W. Shell from Comp. Analyst A-P 9, Employee Compensation and Benefits, to Personnel Representative A-P 10, Personnel Office, with an increase in salary to \$11,800 per year on a 12-month basis, effective August 16, 1976.
- Richard R. Borchard 55. Change Richard R. Borchard, Data Processing, from Administrative Assistant I A-P 8 to Administrative Assistant II A-P 10, with an increase in salary to \$14,680 per year on a 12-month basis, effective July 1, 1976.
- John E. Braman 56. Change John E. Braman, Data Processing, from Programmer Analyst A-P 10 to Systems Analyst A-P 11, with an increase in salary to \$15,000 per year on a 12-month basis, effective July 1, 1976.
- Marvin G. Burk 57. Change Marvin G. Burk, Data Processing, from Tabulating Machine Operator C-T VIII, to Programmer A-P 8, with an increase in salary to \$9,760 per year on a 12-month basis, effective September 1, 1976.
- Robert G. Dowding 58. Transfer Robert G. Dowding from Assistant Budget Officer A-P 12, Provost's Office and Vice President for Business and Finance, to Construction Contract Administrator A-P 13, Research and Contract Administration, with an increase in salary to \$17,200 per year on a 12-month basis, effective September 1, 1976.
- Edwin Careathers 59. Transfer Edwin Careathers from Night Supervisor C-T IX, Wilson Hall, to Night Manager A-P 8, Akers Hall, with an increase in salary to \$10,862 per year on a 12-month basis, effective September 1, 1976.

A. PERSONNEL CHANGES, continued

September 24, 1976

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

60. Transfer Willie Austin from Night Supervisor C-T IX, Wonders Hall, to Night Manager A-P 8, Hubbard Hall, with an increase in salary to \$12,839 per year on a 12-month basis, effective September 1, 1976.
61. Change Paul Oliaro from Sr. Student Services Assistant A-P 11, Dean of Students, to Area Director Housing Programs A-P 14, Division of Residence Hall Programs with an increase in salary to \$16,120 per year on a 12-month basis, effective August 1, 1976.
62. Change Mary A. Truman, Employee Compensation and Benefits, from Comp. Analyst A-P 9 to Sr. Comp. Analyst A-P 11, with an increase in salary to \$12,510 per year on a 12-month basis, effective September 1, 1976.
63. Additional assignment as Assistant Dean, The Graduate School, effective October 1, 1976 for James B. Hamilton, Associate Professor, Chemistry, and Assistant Provost for Special Programs, Provost's Office.
64. Additional assignment as Faculty Grievance Official with a change from a 10-month basis at a salary of \$25,700 per year to a 12-month basis, at a salary of \$33,325 per year, effective October 1, 1976 for Charles P. Larrowe, Professor, Economics.
65. Approved the following for Jack Kinsinger, Professor, Chemistry:
 - a. Change in ending date of leave from August 31, 1977 to December 31, 1976;
 - b. Additional assignment as Assistant Vice President for Research, Vice President for Research and Graduate Studies, effective January 1, 1977;
 - c. Change from a 10-month basis at a salary of \$30,720 per year to a 12-month basis at a salary of \$43,000 per year, effective January 1, 1977.
66. Additional assignment to the Vice President for Research and Graduate Studies, effective October 1, 1976 through December 31, 1976 for Herman E. Koenig, Professor, Electrical Engineering and Systems Science, and Director, Center for Environmental Quality.

Willie Austin

Paul Oliaro

Mary A. Truman

James B.
HamiltonCharles P.
Larrowe

Jack Kinsinger

Herman E. Koenig

Promotions

Promotions

1. Change Terry M. Moe from Instructor to Assistant Professor, Political Science, with an increase in salary to \$13,000 per year on a 10-month basis, effective September 1, 1976.
2. Change Patricia W. Julius from Instructor to Assistant Professor, American Thought and Language, effective August 1, 1976.

Salary Changes

Salary Changes

1. Increase in salary for Michelle Johnston, Instructor, Elementary and Special Education, to \$10,500 per year on a 10-month basis, effective October 1, 1976 through August 31, 1977.
2. Increase in salary for Judith C. Flanigan, Instructor, Teacher Education, to \$11,500 per year on a 10-month basis, effective October 1, 1976 through August 31, 1977.
3. Increase in salary for Michael W. Radke, Instructor, Teacher Education, to \$12,000 per year on a 10-month basis, effective October 1, 1976 through August 31, 1977.
4. Increase in salary for Nancy Anne Reed, Instructor, Teacher Education, to \$6,000 per year on a 10-month basis, effective October 1, 1976 through August 31, 1977.
5. Increase in salary for Betty Lou Abedor, Instructor, Family and Child Sciences, to \$6,430 for the period October 1, 1976 through June 15, 1977.
6. Increase in salary for Sonya Y. Lewis, Specialist, Institute for Family and Child Study; and Family and Child Sciences, to \$5,430 per year on a 12-month basis, effective October 1, 1976 through August 31, 1977.
7. Increase in salary for Caroline M. Guzman, Instructor, Social Work, to \$12,600 per year on a 10-month basis, effective October 1, 1976 through August 31, 1977.
8. Increase in salary for William T. Cross, Instructor, Racial and Ethnic Studies, to \$14,880 per year on a 12-month basis, effective October 1, 1976 through August 31, 1977.
9. Increase in salary for Leroy R. Johnson, Instructor, Racial and Ethnic Studies, to \$11,550 per year on a 12-month basis, effective October 1, 1976 through September 15, 1977.
10. Increase in salary for Joseph Janeti, Assistant Professor, Center for Urban Affairs; and Urban and Metropolitan Studies, to \$17,050 per year on a 12-month basis, effective October 1, 1976 through June 30, 1977.

A. PERSONNEL CHANGES, continued

September 24, 1976

Salary Changes, cont.

11. Change in salary for Lawrence W. Lezotte, Associate Professor, Urban and Metropolitan Studies; Counseling, Personnel Services, and Educational Psychology; and Associate Adjunct Professor, Institutional Research, to \$23,750 per year on a 12-month basis, effective August 1, 1976.
12. Increase in salary for Kathleen Wicks, Specialist, University College Student Affairs; and Financial Aids, to \$878.82 for the period June 1, 1976 through June 30, 1976.
13. Increase in salary for Karen F. VanderJagt, Admissions Officer/Financial Aid Officer A-P 10, Admissions and Scholarships, to \$12,600 per year on a 12-month basis, effective September 1, 1976.
14. Increase in salary for Marvin J. Lynch, Sr. Comp. Analyst A-P 11, Employee Compensation and Benefits, to \$13,270 per year on a 12-month basis, effective September 1, 1976.
15. Increase in salary for Charles A. McCoy, Sr. Comp. Analyst A-P 11, Employee Compensation and Benefits, to \$13,370 per year on a 12-month basis, effective September 1, 1976.
16. Increase in salary for William D. Prescott, Sr. Comp. Analyst A-P 11, Employee Compensation and Benefits, to \$15,400 per year on a 12-month basis, effective September 1, 1976.
17. Increase in salary for Jeane Vinsonhaler, Sr. Comp. Analyst A-P 11, Employee Compensation and Benefits, to \$13,800 per year on a 12-month basis, effective September 1, 1976.
18. Increase in salary for Leslie P. Kelley, Programmer A-P 8, Data Processing, to \$11,160 per year on a 12-month basis, effective June 1, 1976.
19. Increase in salary for Glen J. VanAntwerp, Programmer A-P 8, Data Processing, to \$11,160 per year on a 12-month basis, effective August 1, 1976.

AppointmentsAppointments

1. Henry Oscar Allen, Extension 4-H Youth Agent, Berrien County, at a salary of \$13,500 per year on a 12-month basis, effective August 1, 1976.
2. Marsha Kay Barber, County Extension Home Economist, Mecosta County, 50% time, at a salary of \$6,000 per year on a 12-month basis, effective September 1, 1976.
3. Margaret Ann Bethel, Extension Home Economist, Osceola County, 50% time, at a salary of \$6,000 per year on a 12-month basis, effective September 1, 1976.
4. Kathryn Stuever Eagan, Extension Home Economist, Alcona, 50% time, at a salary of \$5,750 per year on a 12-month basis, effective October 1, 1976.
5. Sharon Lea Fortino, Extension Home Economist, Gratiot, Clinton and Shiawassee Counties, at a salary of \$12,500 per year on a 12-month basis, effective September 1, 1976.
6. Mitchell Ray Geasler, Professor, Animal Husbandry; and Program Director, Agriculture and Marketing, Cooperative Extension Service, with tenure, at a salary of \$28,000 per year on a 12-month basis, effective November 1, 1976.
7. Ann Louise Hinsdale, Extension Home Economist, Lenawee, Monroe and Washtenaw Counties, at a salary of \$13,800 per year on a 12-month basis, effective September 1, 1976.
8. Linda J. Hummel, Extension Home Economist, Wexford and Missaukee Counties, at a salary of \$13,000 per year on a 12-month basis, effective September 1, 1976.
9. Kenneth R. Kernstock, Extension Agricultural Agent, Iosco County, at a salary of \$15,900 per year on a 12-month basis, effective August 15, 1976.
10. Margaret A. Leskosky, Extension 4-H Youth Agent, Wayne and Oakland Counties, at a salary of \$12,500 per year on a 12-month basis, effective September 27, 1976.
11. Cherry E. Macdonald, Extension Home Economist, Mecosta County, 50% time, at a salary of \$7,375 per year on a 12-month basis, effective September 1, 1976.
12. John Joseph Markus, County Extension Director, Iron County, at a salary of \$15,800 per year on a 12-month basis, effective October 1, 1976.
13. Lucille Ann Slinger, Extension 4-H Youth Agent, Gratiot, Shiawassee and Clinton Counties, at a salary of \$12,500 per year on a 12-month basis, effective October 1, 1976.
14. Jean Frances Story, Extension Home Economist, Shiawassee, Clinton and Gratiot Counties, 75% time, at a salary of \$10,125 per year on a 12-month basis, effective September 1, 1976.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments, cont.

Appointments

15. Gregory V. Varner, County Extension Agricultural Agent, Gratiot County, at a salary of \$11,500 per year on a 12-month basis, effective October 1, 1976.
16. Ronald C. Faas, Specialist, Agricultural Economics, at a salary of \$1,000 per month on a 12-month basis, effective July 1, 1976 through August 31, 1976.
17. Michael R. Jaske, Specialist, Agricultural Economics, at a salary of \$1,000 per month on a 12-month basis, effective July 15, 1976 through September 14, 1976.
18. Dean A. Linsenmeyer, Specialist, Agricultural Economics, 75% time, at a salary of \$640 per month on a 12-month basis, effective July 1, 1976 through September 30, 1976.
19. Shao-er Ong, Visiting Professor, Agricultural Economics, without pay on a 12-month basis, effective July 1, 1976 through June 30, 1977.
20. Dennis W. Pervis, Specialist, Agricultural Economics, assigned to Overseas-Colombia, 29% time, at a salary of \$3,576 per year on a 12-month basis, effective October 1, 1976 through November 30, 1976.
21. Merritt W. Sargent, Specialist, Agricultural Economics, assigned to Overseas-Benin, at a salary of \$13,750 per year on a 12-month basis, effective September 1, 1976 through April 30, 1978.
22. Young Rack Choi, Research Associate, Biochemistry; and Human Development, at a salary of \$10,600 per year on a 12-month basis, effective September 1, 1976 through April 30, 1977.
23. Ricardo Fuentes, Research Associate, Biochemistry, at a salary of \$10,500 per year on a 12-month basis, effective August 25, 1976 through January 31, 1977.
24. Christian G. Paech, Research Associate, Biochemistry, at a salary of \$10,500 per year on a 12-month basis, effective October 1, 1976 through October 15, 1976.
25. Michael Christianson, Postdoctoral Fellow, Crop and Soil Sciences, at a salary of \$500 per month on a 12-month basis, effective June 16, 1976 through September 15, 1976.
26. Anne Heindryckx, Specialist, Crop and Soil Sciences, at a salary of \$9,675 per year on a 12-month basis, effective September 16, 1976 through June 15, 1977.
27. James E. Hook, Research Associate, Crop and Soil Sciences; and Institute of Water Research, at a salary of \$15,500 per year on a 12-month basis, effective July 1, 1976 through June 30, 1977.
28. Baruch Rubin, Postdoctoral Fellow, Crop and Soil Sciences, without pay, on a 12-month basis, effective August 1, 1976 through July 31, 1977.
29. Robert P. Steidl, Postdoctoral Fellow, Crop and Soil Sciences, at a salary of \$13,500 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
30. John Van Wiersma, Research Associate, Crop and Soil Sciences, at a salary of \$15,500 per year on a 12-month basis, effective October 1, 1976 through June 30, 1977.
31. R. Kenneth McGuffey, Research Associate, Dairy Science, at a salary of \$9,000 per year on a 12-month basis, effective September 1, 1976 through October 31, 1976.
32. Constantine N. Giannopolitis, Research Associate, Entomology, at a salary of \$11,000 per year on a 12-month basis, effective July 15, 1976 through June 30, 1977.
33. Keith O. Bodrero, Research Associate, Food Science and Human Nutrition, at a salary of \$10,000 per year on a 12-month basis, effective August 15, 1976 through August 14, 1977.
34. Ramesh C. Chandan, Associate Professor, Food Science and Human Nutrition, in the tenure system, at a salary of \$20,500 per year on a 12-month basis, effective August 16, 1976.
35. Ahmed A. Dekhiel, Research Associate, Food Science and Human Nutrition, without pay on a 12-month basis, effective August 1, 1976 through December 31, 1976.
36. Young Chun Lee, Research Associate, Food Science and Human Nutrition, at a salary of \$10,000 per year on a 12-month basis, effective August 30, 1976 through January 31, 1977.
37. Bill Bryan Dean, Assistant Professor, Horticulture, in the tenure system, at a salary of \$16,500 per year on a 12-month basis, effective July 14, 1976.
38. Terril A. Nell, Instructor, Horticulture, 75% time, at a salary of \$13,000 per year on a 12-month basis, effective September 16, 1976 through December 15, 1976.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments

Appointments, cont.

39. Wilesse A. Comissiong, Assistant Professor, Packaging, 25% time, at a salary of \$3,500 for the period September 1, 1976 through February 28, 1977.
40. James A. Bruce, Specialist, Park and Recreation Resources; and Continuing Education, at a salary of \$16,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
41. Janet Kay LePage, Specialist, Resource Development, 25% time, at a salary of \$3,053 per year on a 12-month basis, effective August 1, 1976 through June 30, 1977.
42. Marjorie J. Yarger, FHA Projects Consultant, Agriculture and Natural Resources Education Institute, 50% time, at a salary of \$8,500 per year on a 12-month basis, effective September 1, 1976 through June 30, 1977.
43. Diane C. LeFiles, Assistant Professor, Agriculture and Natural Resources Education Institute, at a salary of \$16,000 per year on a 12-month basis, effective August 30, 1976 through June 30, 1977.
44. Kay L. Limburg, Instructor, Institute of Agricultural Technology; and American Thought and Language, at a salary of \$5,000 for the period September 1, 1976 through April 30, 1977.
45. Eleanor Mattern, Instructor, Institute of Agricultural Technology; and American Thought and Language, at a salary of \$5,450 for the period September 1, 1976 through March 31, 1977.
46. Josephine V. Hutcheson, Program Development Specialist, Dean's Office, College of Arts and Letters, at a salary of \$15,500 per year on a 12-month basis, effective August 16, 1976 through September 30, 1976.
47. Robert Mosher, Instructor, Art, at a salary of \$11,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
48. Cathy N. Davidson, Assistant Professor, English, in the tenure system, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1976.
49. Katherine R. Fishburn, Assistant Professor, English, in the tenure system, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1976.
50. Wendy K. Neininger, Instructor, English, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
51. Marilyn M. Wilson, Instructor, English, 50% time, at a salary of \$5,525 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
52. Ronald M. Mazur, Assistant Professor, German and Russian, at a salary of \$11,800 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
53. Barbara K. Abbott, Assistant Professor, Linguistics and Oriental and African Languages, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
54. Albert LeBlanc, Assistant Professor, Music, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
55. Giovanna M. Burk, Instructor, Romance and Classical Languages, at a salary of \$9,000 for the period September 16, 1976 through June 30, 1977.
56. Peggy Anton, Specialist, Theatre, at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
57. Burton A. Merriam, Assistant Professor, Theatre, in the tenure system, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1976.
58. Nancy J. Schuttler, Instructor, Theatre, at a salary of \$12,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
59. Marian C. Shaffer, Instructor, Business Law, Insurance, and Office Administration, at a salary of \$11,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
60. Ellis R. Thomas, Associate Professor, Business Law, Insurance, and Office Administration; and Secondary Education and Curriculum, in the tenure system, at a salary of \$23,000 per year on a 10-month basis, effective September 1, 1976.
61. William L. Wohlgamuth, Instructor, Business Law, Insurance, and Office Administration, 75% time, at a salary of \$7,800 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
62. Michael F. Lukomski, Visiting Associate Professor, Economics, at a salary of \$10,400 for the period September 1, 1976 through March 31, 1977.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments, cont.

Appointments

63. Michael F. Lukomski, Visiting Assistant Professor, Economics, 50% time, at a salary of \$2,600 for the period April 1, 1977 through June 30, 1977.
64. Harold C. Nathan, Visiting Instructor, Economics, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
65. Linda H. Gillum, Assistant Professor, Audiology and Speech Sciences, in the tenure system, at a salary of \$16,000 per year on a 12-month basis, effective September 1, 1976.
66. Lois Kam Heymann, Instructor, Audiology and Speech Sciences, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
67. Debra Kay Osborn, Instructor, Audiology and Speech Sciences, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
68. Deborah B. Spates, Instructor, Audiology and Speech Sciences, at a salary of \$14,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
69. James J. Napoli, Instructor, Journalism, at a salary of \$11,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
70. Lawrence N. Redd, Assistant Professor, Telecommunication, at a salary of \$14,825 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
71. Sami Khalil Mar'i, Visiting Associate Professor, Dean's Office, College of Education; and Urban and Metropolitan Studies, 50% time, at a salary of \$10,000 for the period September 1, 1976 through June 30, 1977.
72. Robert Joseph Martin, Instructor, Dean's Office, College of Education, at a salary of \$15,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
73. Stephen Bedwell, Instructor, Counseling, Personnel Services and Educational Psychology, 50% time, at a salary of \$9,000 per year, effective July 15, 1976 through December 31, 1976.
74. Patricia L. Busk, Assistant Professor, Counseling, Personnel Services and Educational Psychology, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
75. Marlene B. Pringle, Assistant Professor, Counseling, Personnel Services and Educational Psychology, at a salary of \$1,620 for the period August 6, 1976 through September 3, 1976.
76. Marlene B. Pringle, Assistant Professor, Counseling, Personnel Services and Educational Psychology, at a salary of \$12,950 for the period September 1, 1976 through June 30, 1977.
77. James P. Stratoudakis, Research Associate, Counseling, Personnel Services and Educational Psychology, 50% time, at a salary of \$9,000 per year on a 12-month basis, effective July 15, 1976 through December 31, 1976.
78. Michelle Johnston, Instructor, Elementary and Special Education, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
79. Berneth N. McKercher, Instructor, Elementary and Special Education, 80% time, at a salary of \$10,425 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
80. Bruce Alex Mitchell, Assistant Professor, Elementary and Special Education, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
81. Jacquelyn Nickerson, Specialist, Elementary and Special Education, at a salary of \$16,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
82. Linda A. Patriarca, Assistant Professor, Elementary and Special Education, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
83. Joyce Gladys Putnam, Assistant Professor, Elementary and Special Education, at a salary of \$14,350 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
84. Laura R. Roehler, Assistant Professor, Elementary and Special Education, at a salary of \$14,350 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments

Appointments, cont.

85. Joel L. Van Roekel, Instructor, Elementary and Special Education, 75% time, at a salary of \$7,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
86. Marcia Jean Carter, Assistant Professor, Health, Physical Education and Recreation, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
87. Kwok Wai Ho, Assistant Professor, Health, Physical Education and Recreation, at a salary of \$15,000 per year on a 12-month basis, effective July 1, 1976 through August 31, 1976.
88. Kwok Wai Ho, Assistant Professor, Health, Physical Education and Recreation, at a salary of \$15,000 per year on a 12-month basis, effective September 1, 1976 through June 30, 1977.
89. Susan E. Miller, Instructor, Health, Physical Education and Recreation, 75% time, at a salary of \$2,400 for the period September 16, 1976 through December 15, 1976.
90. Carol Ann Peterson, Assistant Professor, Health, Physical Education and Recreation, at a salary of \$16,100 per year on a 12-month basis, effective August 1, 1976 through August 31, 1976.
91. Paula Judith Stein, Instructor, Secondary Education and Curriculum, at a salary of \$13,400 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
92. Gaylon Rhodes Barham, Instructor, Teacher Education, 60% time, at a salary of \$6,750 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
93. Anne Blanding, Specialist, Teacher Education, 50% time, at a salary of \$4,700 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
94. Beverly J. Buschman, Specialist, Teacher Education, 50% time, at a salary of \$3,900 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
95. Betty J. Cantino, Specialist, Teacher Education, 50% time, at a salary of \$4,800 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
96. Christopher M. Clark, Assistant Professor, Teacher Education; and Counseling, Personnel Services and Educational Psychology, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
97. Elizabeth R. Cobb, Specialist, Teacher Education, 50% time, at a salary of \$4,925 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
98. Richard J. deSpelder, Instructor, Teacher Education, 45% time, at a salary of \$4,380 for the period September 1, 1976 through June 30, 1977.
99. Judith C. Flanigan, Instructor, Teacher Education, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
100. Wilma L. Gillespie, Instructor, Teacher Education, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
101. John T. Groves, Instructor, Teacher Education, at a salary of \$12,025 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
102. Patricia J. Linton, Specialist, Teacher Education, 50% time, at a salary of \$4,700 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
103. Ruth Evelyn Martin, Specialist, Teacher Education, 50% time, at a salary of \$4,425 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
104. Jane E. Payne, Specialist, Teacher Education, 50% time, at a salary of \$4,175 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
105. Michael W. Radke, Instructor, Teacher Education, at a salary of \$8,875 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
106. Nancy Anne Reed, Instructor, Teacher Education, 50% time, at a salary of \$5,700 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
107. Gordon C. Smitch, Instructor, Teacher Education, at a salary of \$12,800 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
108. Marian O. Tesar, Specialist, Teacher Education, 50% time, at a salary of \$4,200 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments, cont.

Appointments

109. Marcia L. Thomas, Specialist, Teacher Education, 50% time, at a salary of \$4,725 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
110. Christian C. Wagner, Instructor, Teacher Education, at a salary of \$13,200 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
111. Caroline Wainwright, Specialist, Teacher Education, 50% time, at a salary of \$4,625 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
112. Frederick R. Wilson, Assistant Professor, Teacher Education, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
113. Nat J. Colletta, Assistant Professor, Institute for International Studies in Education, assigned to Overseas-Indonesia, at a salary of \$2,286 for the period July 8, 1976 through August 15, 1976.
114. Leslie McCoy, Specialist, Engineering Research, 50% time, at a salary of \$750 for the period August 15, 1976 through September 30, 1976.
115. Krishnamurthy Jayaraman, Assistant Professor, Chemical Engineering, in the tenure system, at a salary of \$17,000 per year on a 10-month basis, effective September 1, 1976.
116. James D. Brogan, Assistant Professor, Civil and Sanitary Engineering, in the tenure system, at a salary of \$16,500 per year on a 10-month basis, effective January 1, 1977.
117. Nicholas J. Altiero, Assistant Professor, Metallurgy, Mechanics, and Materials Science, in the tenure system, at a salary of \$15,500 per year on a 10-month basis, effective September 1, 1976.
118. Steven D. Gavazza, Assistant Professor, Metallurgy, Mechanics, and Materials Science, at a salary of \$16,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
119. John F. Martin, Assistant Professor, Metallurgy, Mechanics, and Materials Science, at a salary of \$17,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
120. Linda L. Lucht, Instructor and Acting Coordinator for Continuing Education, Dean's Office, Human Ecology; and Continuing Education, 50% time, at a salary of \$805 for the period August 1, 1976 through August 31, 1976.
121. Betty Lou Abedor, Instructor, Family and Child Sciences, 50% time, at a salary of \$6,300 for the period September 16, 1976 through June 15, 1977.
122. Pat Fuerstenau, Specialist, Family and Child Sciences, at a salary of \$490 for the period September 1, 1976 through September 15, 1976.
123. Pat Fuerstenau, Specialist, Family and Child Sciences, 30% time, at a salary of \$882 for the period September 16, 1976 through December 15, 1976.
124. Helen S. Dashney, Instructor, Family Ecology, 70% time, at a salary of \$2,570 for the period September 1, 1976 through December 31, 1976.
125. Margo H. Hodder, Instructor, Food Science and Human Nutrition, 50% time, at a salary of \$7,000 for the period September 1, 1976 through June 30, 1977.
126. Dhirajlal Makdani, Research Associate, Food Science and Human Nutrition, at a salary of \$1,141.67 per month on a 12-month basis, effective July 1, 1976 through July 31, 1976.
127. Dhirajlal Makdani, Postdoctoral Fellow, Food Science and Human Nutrition, without pay, on a 12-month basis, effective August 1, 1976 through August 31, 1976.
128. Dhirajlal Makdani, Postdoctoral Fellow, Food Science and Human Nutrition, without pay, on a 12-month basis, effective September 1, 1976 through September 30, 1976.
129. Dhirajlal Makdani, Research Associate, Food Science and Human Nutrition, 50% time, at a salary of \$6,850 per year on a 12-month basis, effective October 1, 1976 through November 30, 1976.
130. Christine R. Peters, Instructor, Food Science and Human Nutrition, at a salary of \$11,200 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
131. Rose M. Tindall, Instructor, Food Science and Human Nutrition, in the tenure system, at a salary of \$17,000 per year on a 12-month basis, effective July 1, 1976.
132. Alfons I. Toorop, Specialist, Food Science and Human Nutrition, 50% time, at a salary of \$4,500 per year on a 12-month basis, effective October 15, 1976 through October 14, 1977.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments

Appointments, cont.

133. Mary D. Colangelo, Instructor, Human Environment and Design, at a salary of \$2,850 for the period September 16, 1976 through December 15, 1976.
134. Nancy Fortino, Instructor, Human Environment and Design, 33-1/3% time, at a salary of \$1,200 for the period September 16, 1976 through December 15, 1976.
135. Paula J. Johnson, Specialist, Human Environment and Design, 25% time, at a salary of \$100 for the period August 16, 1976 through August 31, 1976.
136. Dawn I. Pysarchik, Instructor, Human Environment and Design, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
137. Marlene K. Wamhoff, Instructor, Human Environment and Design, 75% time, at a salary of \$8,475 for the period September 1, 1976 through June 30, 1977.
138. Sally I. Boerner, Specialist, Institute of Family and Child Study; and Family and Child Sciences, 65% time, at a salary of \$4,340 for the period September 1, 1976 through June 30, 1977.
139. Helene C. Ginsberg, Specialist, Institute for Family and Child Study, 50% time, at a salary of \$5,000 for the period September 1, 1976 through June 30, 1977.
140. Debra S. Goldenberg, Specialist, Institute for Family and Child Study; and Family and Child Sciences, at a salary of \$2,508 for the period September 1, 1976 through December 15, 1976.
141. Sonya Y. Lewis, Specialist, Institute for Family and Child Study; and Family and Child Sciences, 60% time, at a salary of \$5,160 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
142. Elizabeth M. Seelhoff, Specialist, Institute for Family and Child Study; and Family and Child Sciences, 60% time, at a salary of \$4,340 for the period September 1, 1976 through June 30, 1977.
143. Diana Lyon-Loftus, Instructor, Dean's Office, College of Human Medicine, at a salary of \$18,000 per year on a 12-month basis, effective September 15, 1976 through March 31, 1977.
144. Arlene H. Tolen, Specialist, Dean's Office, College of Human Medicine, at a salary of \$20,500 per year on a 12-month basis, effective August 1, 1976 through June 30, 1977.
145. Louis E. Burton, Research Associate, Biochemistry, at a salary of \$10,000 per year on a 12-month basis, effective June 16, 1976 through August 31, 1976.
146. Louis E. Burton, Research Associate, Biochemistry, at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1976 through January 31, 1977.
147. Asai Satoshi, Specialist, Biochemistry, at a salary of \$1,800 per year on a 12-month basis, effective August 1, 1976 through December 31, 1976.
148. James T. Sgouris, Research Associate, Biochemistry; and Chemical Engineering, 75% time, at a salary of \$13,650 per year on a 12-month basis, effective September 1, 1976 through June 26, 1977.
149. Richard W. Wagner, Research Associate, Biochemistry, at a salary of \$12,000 per year on a 12-month basis, effective September 1, 1976 through September 30, 1976.
150. D. Eugene Wampler, Specialist, Biochemistry, at a salary of \$24,000 per year on a 12-month basis, effective September 13, 1976 through June 26, 1977.
151. Linda M. Garcia-Shelton, Instructor, Family Practice, at a salary of \$16,000 per year on a 12-month basis, effective September 16, 1976 through June 30, 1977.
152. David O. Hough, Instructor/Fellow, Family Practice, at a salary of \$15,000 per year on a 12-month basis, effective September 20, 1976 through June 30, 1977.
153. Donald McCorvie, Associate Professor, Family Practice, 25% time, at a salary of \$11,000 per year on a 12-month basis, effective September 1, 1976 through June 30, 1977.
154. Douglas B. McKeag, Instructor/Fellow, Family Practice; and Human Development, at a salary of \$15,000 per year on a 12-month basis, effective September 20, 1976 through June 30, 1977.
155. Susan M. Barman, Research Associate, Pharmacology, at a salary of \$11,660 per year on a 12-month basis, effective October 1, 1976 through November 30, 1976.
156. Robert D. Ford, Research Associate, Pharmacology, at a salary of \$11,500 per year on a 12-month basis, effective August 1, 1976 through June 27, 1977.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments, cont.

Appointments

157. Peter H. Kelly, Research Associate, Pharmacology, at a salary of \$11,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
158. J. Rama Murthy, Research Associate, Pharmacology, at a salary of \$11,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
159. Takeshi Okahara, Research Associate, Pharmacology, at a salary of \$11,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
160. Marina S. D'Souza, Instructor/Resident, Psychiatry, at a salary of \$12,600 per year on a 12-month basis, effective July 1, 1976 through June 30, 1977.
161. Alan Friedman, Assistant Professor, Psychiatry, 20% time, at a salary of \$3,456 per year on a 12-month basis, effective September 1, 1976 through June 30, 1977.
162. David Lee Honeyman, Instructor/Resident, Psychiatry, at a salary of \$13,600 per year on a 12-month basis, effective July 1, 1976 through June 30, 1977.
163. David Stephen King, Instructor/Resident, Psychiatry, at a salary of \$12,600 per year on a 12-month basis, effective July 1, 1976 through June 30, 1977.
164. Syed M. S. Haque, Specialist, Health Services Education and Research, 75% time, at a salary of \$9,000 per year on a 12-month basis, effective July 1, 1976 through September 30, 1976.
165. John Schuiteman, Instructor, James Madison College, 50% time, at a salary of \$2,000 for the period September 1, 1976 through December 31, 1976.
166. John W. Johnson, Temporary Instructor, Lyman Briggs College, 50% time, at a salary of \$1,750 for the period September 1, 1976 through December 31, 1976.
167. Cyril M. Manthorpe, Jr., Postdoctoral Fellow, Biochemistry, without pay on a 12-month basis, effective July 1, 1976 through June 30, 1977.
168. Graham P. Wilkin, Research Associate, Biochemistry, at a salary of \$11,500 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
169. Bernhardt Lippert, Postdoctoral Fellow, Biophysics, at a salary of \$11,500 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
170. Mohammad N. Sarbolouki, Research Associate, Biophysics, at a salary of \$9,500 per year on a 12-month basis, effective August 1, 1976 through August 31, 1976.
171. Berta D. Nunez, Specialist, Botany and Plant Pathology, 50% time, at a salary of \$2,560 for the period June 1, 1976 through March 31, 1977.
172. Mike K. C. Sun, Research Associate, Botany and Plant Pathology, at a salary of \$12,500 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
173. Wayne H. Weidlich, Assistant Professor, Botany and Plant Pathology, in the tenure system, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1976.
174. Takayoshi Amano, Research Associate, Chemistry, at a salary of \$9,300 per year on a 12-month basis, effective September 16, 1976 through February 28, 1977.
175. Samuel M. Mazza, Research Associate, Chemistry, at a salary of \$8,500 per year on a 12-month basis, effective October 1, 1976 through May 31, 1977.
176. James R. Mehaffey, Research Associate, Chemistry, at a salary of \$9,000 per year on a 12-month basis, effective October 12, 1976 through June 30, 1977.
177. Veeraraghavan N. Narasimhachari, Research Associate, Chemistry, at a salary of \$8,500 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
178. James Reilly, Research Associate, Chemistry, at a salary of \$8,500 per year on a 12-month basis, effective September 1, 1976 through October 31, 1976.
179. Bernd Ruge, Research Associate, Chemistry, at a salary of \$9,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
180. A. Kasi Viswanath, Research Associate, Chemistry, at a salary of \$7,200 per year on a 12-month basis, effective September 1, 1976 through April 30, 1977.
181. Rodney L. Willer, Research Associate, Chemistry, at a salary of \$9,000 per year on a 12-month basis, effective August 2, 1976 through May 31, 1977.
182. Gary A. Simmons, Assistant Professor, Entomology; and Forestry, in the tenure system, at a salary of \$19,500 per year on a 12-month basis, effective August 9, 1976.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments

Appointments, cont.

183. Robert A. Bentley, Instructor, Mathematics, at a salary of \$10,200 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
184. Janice M. Gaffney, Instructor, Mathematics, 67% time, at a salary of \$7,370 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
185. David Green, Instructor, Mathematics, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
186. Abolghassem Miamiee, Visiting Assistant Professor, Mathematics, 50% time, at a salary of \$7,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
187. Selma Wanna, Instructor, Mathematics, at a salary of \$10,200 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
188. Charles R. Wright, Visiting Professor, Mathematics, 60% time, at a salary of \$5,000 for the period September 1, 1976 through December 31, 1976.
189. Joseph Zaks, Visiting Professor, Mathematics, at a salary of \$18,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
190. Karen S. Briggs, Specialist, Microbiology and Public Health, 75% time, at a salary of \$637.50 per month on a 12-month basis, effective September 15, 1976 through December 15, 1976.
191. Thomas N. Gamble, Specialist, Microbiology and Public Health, at a salary of \$900 per month on a 12-month basis, effective September 15, 1976 through December 15, 1976.
192. Daniel L. Edmunds, Specialist, Physics, at a salary of \$11,000 per year on a 12-month basis, effective October 1, 1976 through September 30, 1977.
193. James A. Muir, Associate Adjunct Professor, Physics, without pay, effective June 23, 1976 through September 3, 1976.
194. Benedict Y. Oh, Associate Professor, Physics, at a salary of \$16,075 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
195. Piotr Decowski, Visiting Associate Professor, Cyclotron, at a salary of \$12,950 per year on a 12-month basis, effective October 1, 1976 through December 31, 1976.
196. Richard B. Firestone, Research Associate, Cyclotron, at a salary of \$11,250 per year on a 12-month basis, effective September 1, 1976 through December 31, 1976.
197. Teng Lek Khoo, Assistant Professor, Cyclotron, at a salary of \$15,500 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
198. Charles King, Assistant Professor, Physics-Cyclotron, at a salary of \$12,600 per year on a 12-month basis, effective October 1, 1976 through September 30, 1977.
199. Hermann Nann, Visiting Assistant Professor, Cyclotron, at a salary of \$17,000 per year on a 12-month basis, effective October 1, 1976 through September 30, 1977.
200. Joseph F. DeBold, Research Associate, Zoology, at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1976 through May 31, 1977.
201. John H. Fitch, Assistant Professor, Biological Science Program, at a salary of \$12,475 for the period September 1, 1976 through June 30, 1977.
202. Robert J. Robbins, Instructor, Biological Science Program; and Zoology, at a salary of \$11,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
203. John C. Meeks, Research Associate, MSU/ERDA Plant Research Laboratory, at a salary of \$10,000 per year on a 12-month basis, effective August 16, 1976 through August 15, 1977.
204. Harry L. Phillips, Research Associate, MSU/ERDA Plant Research Laboratory, at a salary of \$11,400 per year on a 12-month basis, effective September 16, 1976 through September 15, 1977.
205. Mary E. Karmann, Instructor, Science and Mathematics Teaching Center; and Dean's Office, College of Education, at a salary of \$11,600 for the period September 1, 1976 through June 30, 1977.
206. Rodger Dean Curren, Research Associate, Dean's Office, College of Osteopathic Medicine, at a salary of \$13,499 per year on a 12-month basis, effective August 1, 1976 through July 31, 1977.
207. Robert H. Heflich, Research Associate, Dean's Office, College of Osteopathic Medicine, at a salary of \$12,761 per year on a 12-month basis, effective August 1, 1976 through July 31, 1977.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments, cont.

Appointments

208. John W. Levinson, Instructor, Dean's Office, College of Osteopathic Medicine, at a salary of \$13,295 per year on a 12-month basis, effective August 1, 1976 through July 31, 1977.
209. Ruth A. Lezotte, Assistant Professor, Medical Education Research and Development; and Director of Curriculum Planning and Implementation, Dean's Office, College of Osteopathic Medicine, at a salary of \$17,000 per year on a 12-month basis, effective July 1, 1976 through June 30, 1977.
210. Ronald J. Markert, Assistant Professor, Dean's Office, College of Osteopathic Medicine, at a salary of \$17,500 per year on a 12-month basis, effective September 16, 1976 through June 30, 1977.
211. Frederick C. Schreiber, Instructor, Anatomy; and Biomechanics, at a salary of \$24,000 per year on a 12-month basis, effective October 1, 1976 through June 30, 1977.
212. Gordon C. Spink, Assistant Professor, Family Medicine, in the tenure system, at a salary of \$32,000 per year on a 12-month basis, effective October 1, 1976.
213. Donald E. Willman, Assistant Professor, Family Medicine, in the tenure system, at a salary of \$32,000 per year on a 12-month basis, effective September 1, 1976.
214. John W. Gobel, Assistant Professor, Osteopathic Medicine, in the tenure system, at a salary of \$34,000 per year on a 12-month basis, effective September 1, 1976.
215. Leonard A. Lewis, Clinical Professor, Osteopathic Medicine, 25% time, at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1976 through June 30, 1977.
216. Duncan Black, Professor, Political Science, 60% time, at a salary of \$5,500 for the period April 1, 1977 through June 30, 1977.
217. Harriet A. Dhanak, Specialist, Political Science, at a salary of \$2,815 for the period July 1, 1976 through September 15, 1976.
218. Harriet A. Dhanak, Specialist, Political Science, 75% time, at a salary of \$8,025 for the period September 16, 1976 through June 30, 1977.
219. Valerie Eisenberg, Specialist, Political Science, 75% time, at a salary of \$10,667 for the period September 1, 1976 through June 30, 1977.
220. Arnold Greenfield, Instructor, Political Science, 50% time, at a salary of \$4,276 for the period September 1, 1976 through June 30, 1977.
221. Richard P. Y. Li, Assistant Professor, Political Science, 75% time, at a salary of \$10,400 for the period September 1, 1976 through June 30, 1977.
222. Dianne N. Long, Specialist, Political Science, 80% time, at a salary of \$8,000 for the period September 16, 1976 through June 30, 1977.
223. LeeAnn Matthews, Specialist, Political Science, 75% time, at a salary of \$8,920 for the period September 1, 1976 through June 30, 1977.
224. Gilbert DeRath, Assistant Professor, Psychology, 25% time, at a salary of \$4,200 for the period September 16, 1976 through June 30, 1977.
225. Mary H. Donoghue, Specialist, Psychology, with job security, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1976.
226. Martha A. Karson, Assistant Professor, Psychology, 25% time, at a salary of \$5,000 for the period September 16, 1976 through June 30, 1977.
227. Jeffrey T. Walsh, Instructor, Psychology, 50% time, at a salary of \$6,500 for the period September 15, 1976 through June 30, 1977.
228. Marilyn Aronoff, Assistant Professor, Sociology, at a salary of \$12,075 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
229. Dhara Singh Gill, Research Associate, Sociology, without pay on a 12-month basis, effective July 28, 1976 through July 31, 1977.
230. Sue K. Brown, Instructor, Criminal Justice, 33-1/3% time, at a salary of \$2,000 for the period October 1, 1976 through December 31, 1976.
231. Otis Davis, Instructor, Criminal Justice, 33-1/3% time, at a salary of \$2,000 for the period January 1, 1977 through March 31, 1977.
232. John K. Hudzik, Associate Professor and Assistant Coordinator, Criminal Justice, at a salary of \$21,000 per year on a 12-month basis, effective September 1, 1976 through September 30, 1976.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments

Appointments, cont.

233. John K. Hudzik, Associate Professor and Assistant Coordinator, Criminal Justice, at a salary of \$16,130 for the period October 1, 1976 through June 30, 1977.
234. Jacqueline E. Moss, Instructor, Criminal Justice, 33-1/3% time, at a salary of \$4,000 for the period January 1, 1977 through June 30, 1977.
235. Charles H. Tucker, Assistant Professor, Criminal Justice, 50% time, at a salary of \$4,000 for the period October 1, 1976 through March 31, 1977.
236. Ray C. Valley, Instructor, Criminal Justice, 33-1/3% time, at a salary of \$1,200 for the period October 1, 1976 through December 31, 1976.
237. Edward E. Anderson, Specialist, Labor and Industrial Relations; and Continuing Education Service, at a salary of \$15,500 per year on a 12-month basis, effective September 1, 1976 through September 30, 1976.
238. Robert C. Grosvenor, Specialist, Labor and Industrial Relations, 50% time, at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1976 through September 30, 1976.
239. Gilbert H. Skinner, Specialist, Labor and Industrial Relations; and Continuing Education Service, at a salary of \$18,500 per year on a 12-month basis, effective September 1, 1976 through September 30, 1976.
240. Prudence Brown, Assistant Professor, Social Work, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
241. Fred M. Cox, Professor, Social Work, 65% time, at a salary of \$1,700 for the period August 1, 1976 through August 31, 1976.
242. Fred M. Cox, Professor and Director, Social Work, with tenure, at a salary of \$31,075 per year on a 12-month basis, effective September 1, 1976.
243. Martha Jean Green, Instructor, Social Work, 66-2/3% time, at a salary of \$4,000 for the period October 1, 1976 through December 31, 1976.
244. Caroline M. Guzman, Instructor, Social Work, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
245. Geraldine M. Hart, Assistant Professor, Social Work, at a salary of \$16,200 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
246. Miriam E. Rutz, Assistant Professor, Urban Planning and Landscape Architecture, in the tenure system, at a salary of \$16,500 per year on a 10-month basis, effective January 1, 1977.
247. Anita Ratner, Specialist, Social Science Multidisciplinary Major Programs, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
248. Robert J. Dumas, Specialist, Computer Institute for Social Science Research, at a salary of \$11,500 per year on a 12-month basis, effective September 1, 1976 through February 28, 1977.
249. Christine Birdwell, Instructor, American Thought and Language, at a salary of \$5,720 for the period September 1, 1976 through April 30, 1977.
250. Rhoda Blend, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.
251. Elayne S. Crane, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.
252. Mary Davis, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.
253. Barbara Drake, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.
254. Helen Draper, Instructor, American Thought and Language, at a salary of \$2,625 for the period September 1, 1976 through December 31, 1976.
255. Patricia Eldredge, Instructor, American Thought and Language, 66-2/3% time, at a salary of \$1,910 for the period September 1, 1976 through December 31, 1976.
256. Sara E. Elgammal, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.
257. Kenneth A. Howe, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments, cont.

Appointments

258. Becky M. Kirschner, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.
259. Thomas P. Linkfield, Instructor, American Thought and Language, at a salary of \$2,625 for the period September 1, 1976 through December 31, 1976.
260. Peter Marabell, Instructor, American Thought and Language, at a salary of \$2,625 for the period September 1, 1976 through December 31, 1976.
261. Beatrice E. Moulton, Instructor, American Thought and Language, at a salary of \$2,625 for the period September 1, 1976 through December 31, 1976.
262. Jean Myers, Instructor, American Thought and Language, at a salary of \$5,720 for the period September 1, 1976 through April 30, 1977.
263. Madelyn Schuiteman, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.
264. Wolfgang D. Schwarz, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.
265. Timothy F. Sherer, Instructor, American Thought and Language, at a salary of \$2,860 for the period September 1, 1976 through December 31, 1976.
266. Margaret Smith, Instructor, American Thought and Language, at a salary of \$5,720 for the period September 1, 1976 through April 30, 1977.
267. Jane M. Horka, Instructor, Humanities, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
268. Charles W. McClellan, Instructor, Humanities, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
269. Frances L. Schattenberg, Instructor, Humanities, 66-2/3% time, at a salary of \$6,440 per year, effective September 1, 1976 through August 31, 1977.
270. Carol Wainright, Instructor, Humanities, at a salary of \$9,615 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
271. Elvira M. Wilbur, Instructor, Humanities, at a salary of \$9,385 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
272. Lydia A. Woodruff, Instructor, Humanities, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
273. Frankie J. Brown, Instructor, Natural Science, at a salary of \$10,300 for the period September 1, 1976 through June 30, 1977.
274. Theodore Lopushinsky, Assistant Professor, Natural Science, at a salary of \$10,500 for the period September 1, 1976 through June 30, 1977.
275. Nell E. Ruby, Instructor, Natural Science, at a salary of \$10,700 for the period September 1, 1976 through June 30, 1977.
276. Allen W. Batteau, Instructor, Social Science, at a salary of \$10,500 per year, effective September 16, 1976 through June 30, 1977.
277. Jacob J. Climo, Assistant Professor, Social Science, in the tenure system, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1976.
278. Richard J. Oestreicher, Temporary Instructor, Social Science, at a salary of \$3,500 for the period September 16, 1976 through December 15, 1976.
279. Dianne D. McKay, Instructor, Instructional Services, Learning Resources Center, at a salary of \$8,860 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
280. Brenda H. Sledge, Specialist/Director of Student Affairs, Dean's Office, College of Urban Development, at a salary of \$12,500 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
281. William T. Cross, Instructor, Racial and Ethnic Studies, at a salary of \$14,200 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
282. Leroy R. Johnson, Instructor, Racial and Ethnic Studies, 75% time, at a salary of \$11,050 per year on a 12-month basis, effective September 16, 1976 through September 15, 1977.
283. Arturo T. Rio, Instructor, Racial and Ethnic Studies, at a salary of \$14,000 per year on a 12-month basis, effective July 1, 1976 through June 30, 1977.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments

Appointments, cont.

284. Carol M. Conn, Specialist, Urban and Metropolitan Studies, 50% time, at a salary of \$6,700 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
285. June Thomas, Instructor, Urban and Metropolitan Studies, 50% time, at a salary of \$7,400 per year on a 12-month basis, effective September 1, 1976 through June 30, 1977.
286. Joseph Janeti, Assistant Professor, Center for Urban Affairs; and Urban and Metropolitan Studies, at a salary of \$16,300 per year on a 12-month basis, effective September 1, 1976 through June 30, 1977.
287. Leigh K. Beagle, Instructor, Dean's Office, College of Veterinary Medicine, 75% time, at a salary of \$9,750 per year on a 12-month basis, effective September 1, 1976 through September 30, 1976.
288. Charles W. Parsons, Specialist, Dean's Office, College of Veterinary Medicine, at a salary of \$14,500 per year on a 12-month basis, effective September 7, 1976 through June 30, 1977.
289. R. Kenneth Braun, Visiting Associate Professor, Large Animal Surgery and Medicine, 75% time, at a salary of \$13,385 per year on a 12-month basis, effective August 1, 1976 through July 31, 1977.
290. Bruce A. Lindeman, Specialist, Microbiology and Public Health, at a salary of \$10,500 per year on a 12-month basis, effective August 15, 1976 through June 30, 1977.
291. Alexander D. Hall, Instructor, Pathology, at a salary of \$11,000 per year on a 12-month basis, effective August 1, 1976 through July 31, 1977.
292. Wilson J. Dalzell, Associate Adjunct Professor, Physiology, without pay on a 12-month basis, effective July 1, 1976 through June 30, 1977.
293. Judith A. Post, Assistant Professor, Physiology, at a salary of \$16,000 per year on a 12-month basis, effective September 1, 1976 through June 30, 1977.
294. Steven E. Crow, Assistant Professor, Small Animal Surgery and Medicine, at a salary of \$20,000 per year on a 12-month basis, effective December 1, 1976 through June 30, 1977.
295. Stanley Konoval, Specialist, Small Animal Surgery and Medicine, at a salary of \$13,500 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
296. James B. Nichols, Instructor, Small Animal Surgery and Medicine, without pay on a 12-month basis, effective September 1, 1976 through June 30, 1977.
297. William D. Schall, Associate Professor, Small Animal Surgery and Medicine, in the tenure system, at a salary of \$28,500 per year on a 12-month basis, effective August 1, 1976.
298. Gretchen M. Schmidt, Assistant Professor, Small Animal Surgery and Medicine, at a salary of \$25,500 per year on a 12-month basis, effective August 1, 1976 through June 30, 1977.
299. Jerome F. Halverson, Instructor, University Extension, at a salary of \$13,800 per year on a 12-month basis, effective August 30, 1976 through June 30, 1977.
300. William A. Herzog, Assistant Professor, Communications; and Assistant to the Dean, International Studies and Programs, at a salary of \$20,675 per year on a 12-month basis, effective October 1, 1976 through June 30, 1977.
301. Lennart Krook, Consultant, International Studies and Programs-assigned to Overseas-Brazil-MEC Project, at an overseas salary of \$38,502 per year on a 12-month basis, effective August 28, 1976 through September 30, 1976. Campus salary, \$35,002.
302. Thomas L. Thompson, Consultant, International Studies and Programs-assigned to Overseas-Brazil-MEC Project, at an overseas salary of \$29,788 per year on a 12-month basis, effective August 9, 1976 through October 8, 1976. Campus salary, \$27,080.
303. David E. Worley, Consultant, International Studies and Programs-assigned to Overseas-Brazil-MEC Project, at an overseas salary of \$25,630 per year on a 12-month basis, effective September 1, 1976 through November 30, 1976. Campus salary, \$23,300.
304. Paula B. Koppisch, Honors College Adviser, Honors College, at a salary of \$11,500 per year on a 12-month basis, effective September 1, 1976 through August 31, 1977.
305. Sally Anne Yourist, Librarian, Libraries, at a salary of \$13,500 per year on a 12-month basis, effective September 20, 1976.
306. Martha Aldenbrand, Research Associate, Counseling Center, 50% time, at a salary of \$472.22 per month on a 12-month basis, effective September 16, 1976 through December 15, 1976.

A. PERSONNEL CHANGES, continued

September 24, 1976

Appointments, cont.

Appointments

307. Alton R. Kirk, Assistant Professor, Counseling Center, in the tenure system, at a salary of \$16,100 per year on a 12-month basis, effective August 15, 1976.
308. Marilyn J. Nagy, Instructor, Family Ecology, in the tenure system, at a salary of \$16,250 per year on a 10-month basis, effective January 1, 1977.
309. Patricia Ann Werner, Assistant Professor, Kellogg Biological Station; Botany and Plant Pathology; and Zoology, at a salary of \$13,450 per year on a 10-month basis, effective September 1, 1976 through August 31, 1977.
310. Charles K. Dewhurst, Specialist, Museum, at a salary of \$9,504 per year on a 12-month basis, effective September 1, 1976 through October 15, 1976.

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

Personnel RecommendationsPersonnel
Recommendations

It is recommended that the following positions be established:

1. Two 4-H Youth Program Assistants for Extension 4-H Youth Field Staff, Cooperative Extension Service
2. 75% time Laboratory Technician C-T VII for the Department of Biochemistry, College of Agriculture and Natural Resources
3. Departmental Secretary C-T V for the Agriculture and Natural Resources Education Institute
4. Two Program Coordinators A-P 9 for the Dean's Office, College of Business
5. Laboratory Technician C-T VIII for the Department of Pharmacology, College of Human Medicine
6. Senior Programmer A-P 9 for the Office of Health Services Education and Research
7. For the MSU-ERDA Plant Research Laboratory:
 - a. Laboratory Technician C-T IX
 - b. Departmental Secretary C-T V
8. For the Dean's Office, College of Osteopathic Medicine:
 - a. Laboratory Technician C-T IX
 - b. Laboratory Technician C-T VII
9. Director of Clinical Services A-P 19 for the Office of Health Services
10. Athletic Equipment Supervisor C-T XI for Intercollegiate Athletics
11. Analyst/Inspector A-P 11 for Maintenance Supervision-Physical Plant
12. Laboratory Technician C-T IX for the Institute of Water Research

The following position reclassification and other changes are recommended:

1. Change a Departmental Secretary C-T V from 75% to 100% time for Extension Supervision, Cooperative Extension Service
2. Reclassify a Programmer A-P 8 to a Senior Programmer A-P 9 for Agricultural Economics
3. Change a Senior Clerk-Typist C-T V from 75% to 100% time for Agricultural Engineering
4. Reclassify a 75% time Departmental Secretary C-T V to a Senior Departmental Secretary C-T VII and transfer from the hourly to the salary payroll for the Agriculture and Natural Resources Education Institute
5. Transfer a Senior Departmental Secretary C-T VII from the hourly to the salary payroll for the Dean's Office, College of Human Ecology
6. Reclassify a Labor II to a Laboratory Technician C-T XI and transfer from the labor to the salary payroll for Botany and Plant Pathology, Natural Science
7. Change a Senior Clerk Stenographer C-T V from 50% to 100% time for Statistics and Probability
8. For Continuing Education Service:
 - a. Reclassify an Office Supervisor, Supervisor IX, to an Administrative Assistant I, A-P 8, for Off Campus Credit Extension
 - b. Reclassify a Clerk-Typist C-T III to a Principal Clerk C-T VI
9. For Safety Services:
 - a. Reclassify a Safety Specialist C-T XI to an Occupational Safety Inspector A-P 9
 - b. Reclassify a Safety Officer Fire C-T XI to a Fire Safety Officer A-P 9
10. Reclassify a Coordinator Community Relations Telecommunication A-P 9 to a Development Officer/Telecommunications I A-P 10 for TV Broadcasting
11. Reclassify an Administrative Assistant II A-P 10 to a Senior Administrative Assistant A-P 12 for Admissions and Scholarships
12. For Data Processing:
 - a. Reclassify a Programmer Analyst A-P 10 to a Systems Analyst A-P 11
 - b. Reclassify an Administrative Assistant I A-P 8 to an Administrative Assistant II A-P 10
13. For Housing and Food Services:
 - a. Reclassify a Night Supervisor, Supervisor IX, to a Night Manager A-P 8 for Akers Hall
 - b. Reclassify a Night Supervisor, Supervisor IX, to a Night Manager A-P 8 for Brody Building
 - c. Reclassify a Night Supervisor, Supervisor IX, to a Night Manager A-P 8 for Hubbard Hall

A. PERSONNEL CHANGES, continued

September 24, 1976

Personnel
RecommendationsPersonnel Recommendations, cont.Position Reclassification, cont.

13. For Housing and Food Services, cont.

- d. Reclassify a Night Supervisor, C-T IX, to a Night Manager A-P 8 for Wilson Hall
- e. Reclassify a Night Supervisor, C-T IX, to a Night Manager A-P 8 for Wonders Hall

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

Retirements

Retirements

Charles W. Barr

- 1. One-year consultantship with agreed-upon duties and responsibilities for Charles W. Barr, Professor, Department of Urban Planning and Landscape Architecture, from July 1, 1976 through June 30, 1977, and retirement as Professor Emeritus effective July 1, 1977. Professor Barr was born October 19, 1906 and has been a member of the faculty since January 1, 1930.

Arthur F.
Brandstatter

- 2. Retirement of Arthur F. Brandstatter as Professor and Director Emeritus, School of Criminal Justice, effective September 1, 1976 on the basis of 25 or more years of service to the University. Professor Brandstatter was born December 27, 1914 and has been a member of the faculty since September 1, 1946.

Samuel H. Burge

- 3. Retirement of Samuel H. Burge, Receiving and Shipping Supervisor, Stores Department, effective November 1, 1976. Mr. Burge was born May 2, 1920 and has been employed by the University since June 20, 1951.

Marvin M.
Eppelheimer

- 4. Retirement of Marvin M. Eppelheimer, Extension 4-H Youth Agent, Cooperative Extension Service, effective October 1, 1976 on the basis of 25 or more years of service to the University. Mr. Eppelheimer was born January 22, 1923 and has been a member of the staff since June 9, 1947.

Ruthell
Henderson

- 5. Retirement of Ruthell Henderson, Receptionist-Clerk, McDonel Hall, Housing and Food Services, effective October 1, 1976. Mrs. Henderson was born January 28, 1912 and has been employed by the University since November 28, 1960.

Orma L. Hovey

- 6. Retirement of Orma L. Hovey, Desk Clerk, Kellogg Center, Housing and Food Services, effective October 1, 1976. Mrs. Hovey was born September 24, 1913 and has been employed by the University since September 4, 1951.

Mildred M. Irwin

- 7. Retirement of Mildred M. Irwin, Cook, Holden Cafe, Housing and Food Services, effective October 1, 1976. Mrs. Irwin was born January 1, 1914 and has been employed by the University since September 23, 1961.

Jean C. Leach

- 8. Retirement of Jean C. Leach, Extension Home Economist, Cooperative Extension Service, effective October 1, 1976 on the basis of 25 or more years of service to the University. Mrs. Leach was born September 24, 1916 and has been employed by the University since July 1, 1948.

Antoni Olejnik

- 9. Retirement of Antoni Olejnik, Animal Caretaker, Small Animal Surgery and Medicine, effective September 1, 1976. Mr. Olejnik was born July 22, 1911 and has been employed by the University since August 1, 1960.

Melvin J. Segal

- 10. Retirement of Melvin J. Segal as Professor Emeritus, Department of Social Science, effective July 1, 1977. Professor Segal was born September 18, 1910 and has been a member of the faculty since September 1, 1945.

Violet A. Tubbs

- 11. Retirement of Violet A. Tubbs, Custodian, Physical Plant, effective October 1, 1976. Mrs. Tubbs was born October 2, 1910 and has been employed by the University since October 2, 1961.

Gordon L.
Goerner

- 12. At the request of Mr. Gordon L. Goerner, rescind the action taken by the Board of Trustees on July 19, 1962 granting him retirement benefits at age 70. Under terms of the State of Michigan Retirement plan as modified by Public Act 34, 1976, it will be to Mr. Goerner's advantage not to receive retirement benefits from the University.

On motion by Trustee Bruff, seconded by Trustee Huff, it was unanimously voted to approve the Retirement items.

Deaths

Deaths

- 1. Report of the death of Hendrik Zwarensteijn, Professor, Business Law, Insurance, and Office Administration, on August 5, 1976. Professor Zwarensteijn was born February 16, 1913 and had been a member of the faculty since September 1, 1954.
- 2. Report of the death of Beatrice Platt on August 11, 1976. Mrs. Platt was born September 29, 1901, was employed on September 17, 1950, and was a Food Service Helper in Mason Abbot Hall at the time of her retirement August 1, 1969.

A. PERSONNEL CHANGES, continued

September 24, 1976

Deaths, cont.

Deaths

3. Report of the death of Robert D. Schuetz, Professor, Chemistry, and Assistant Coordinator for Health Programs, Provost's Office, on August 20, 1976. Professor Schuetz was born June 27, 1915, and had been a member of the faculty since September 1, 1947.
4. Report of the death of William H. Mantle on August 26, 1976. Mr. Mantle was born January 11, 1910, was employed on October 1, 1959, and was a Senior Laboratory Technician at the Kellogg Biological Station at the time of his retirement November 1, 1974.
5. Report of the death of Trustee Emeritus Frederick H. Mueller on August 31, 1976. Mr. Mueller served as a member of the Board of Trustees from 1945 to 1958.
6. Report of the death of Paul Ashley, Cook, Housing and Food Services, on September 4, 1976. Mr. Ashley was born February 4, 1914 and had been an employee of the University since January 17, 1949.
7. Report of the death of Miles D. Pirnie on September 4, 1976. Mr. Pirnie was born June 4, 1898, was employed on July 1, 1931, and was a Professor in Fisheries and Wildlife at the time of his retirement July 1, 1968.
8. Report of the death of Robert M. Gillespie, Desk Clerk, Public Safety, on September 13, 1976. Mr. Gillespie was born July 2, 1913 and had been a University employee since June 3, 1943.

B. GIFTS AND GRANTSGifts and
Grants

1. Gift of 400 clay pots valued at \$600 from F. W. Ritter Sons Co., Rockwood, to be used for educational purposes in the Horticulture teaching greenhouse, Department of Horticulture.
2. Gift of an odor suppressant valued at \$180 from H & D Odor Suppressant, Holland, to be used under the direction of C. J. Flegel, Poultry Science, for research with poultry waste.
3. Gift of an oil painting, "Blessing of the Animals," valued at \$1,000 from Mrs. Ralf C. Henriksen, East Lansing, for the Kresge Art Gallery.
4. Gift of 54 hard bound and 88 paperback books valued at \$304 from Timothy Hennessey, for the Political Science Department Graduate Student Library.
5. Gift of 2 Pelton Minor surgical lights and 2 wall mounted sphygmomanometers valued at \$600 from Julius S. Nesbit, South Bend, Indiana, for use with patients in the Student Dependent Health Care Program, Office of Health Services.
6. Grants to be used for scholarship purposes as follows:
 - a. \$1,121,445 from the Department of Health, Education & Welfare as a supplemental educational opportunity grant for the 1976-77 academic year
 - b. \$430,377.10 from various donors for the period July 1, 1975 through June 30, 1976 as restricted grants to designated MSU students
 - c. For students in the College of Agriculture and Natural Resources:
 - \$1,500 from the Farmers & Manufacturers Beet Sugar Association, Saginaw
 - \$2,500 from the Moorman Mfg. Co., Quincy, Ill.
 - d. \$650 from the Ralston Purina Co., St. Louis, Mo., for an outstanding undergraduate student in Agriculture or Agricultural Engineering
 - e. \$225 from the New York Florists' Club, Inc., New York, for undergraduate students majoring in floriculture, Horticulture Department
 - f. For students in the School of Hotel, Restaurant and Institutional Management:
 - \$1,000 from Duncan Hines, Ithaca, N.Y., to continue the Duncan Hines Scholarship
 - \$500 from the Marriott Corporation, Washington, D.C.
 - g. \$500 from the Michigan Asphalt Paving Association, Inc., Lansing, to provide a Dan Humphries Scholarship for a student in the Department of Civil Engineering
 - h. \$2,000 from Ingersoll-Rand Co., Woodcliffe Lake, N.J., for four junior recipients majoring in Mechanical Engineering
 - i. For the College of Human Medicine:
 - \$20 from John F. Dunkel, Williamston, in memory of Dr. Herman Slatis
 - \$3,652 from the Department of Health, Education & Welfare for the period July 1, 1976 through June 30, 1978
 - \$19,005 from The Robert Wood Johnson Foundation, Princeton, N.J.
 - j. \$500 from the Central Michigan Lapidary Mineral Society, Lansing, for a graduate student in the Department of Geology
 - k. \$7,245 from the Department of Health, Education & Welfare for the School of Nursing for the period July 1, 1976 through June 30, 1978
 - l. \$731 from the Department of Health, Education & Welfare for the College of Osteopathic Medicine for the period July 1, 1976 through June 30, 1978
 - m. \$13,203 from the U.S. Department of Justice to be used in the Law Enforcement Education Program for grants and loans for students studying in the School of Criminal Justice and related areas.

Gifts and
GrantsB. GIFTS AND GRANTS, continued

September 24, 1976

6. Scholarship grants, cont.
 - n. \$28,266 from the U.S. Department of Justice for students participating in the LEAA Criminal Justice Internship program
 - o. \$18,990 from the Department of Health, Education & Welfare for the College of Veterinary Medicine for the period July 1, 1976 through June 30, 1978
 - p. \$265 from various donors for the Latin American Research Fund
 - q. \$600 from Stouffer Foods Corporation Fund, Cleveland, Ohio, for students in the School of Hotel, Restaurant & Institutional Management
 - r. \$700 from the Walker Manufacturing Co., Racine, Wis., as an unrestricted grant
7. Grants as follows for the MSU Development Fund:
 - a. \$1,046,489.51 from alumni and friends to underwrite the continuing programs supported by annual allocations from the MSU Development Fund. The total of all gifts contributed during 1975-76 fiscal year was \$3,028,108.01, of which \$1,981,618.50 has been previously accepted
 - b. \$16,232.71 from various donors (list on file in Development Fund office) for various projects received during April, May and June 1976
 - c. \$200 from Harold A. Henneman, East Lansing, for the Livestock Industries Scholarship
 - d. \$5,000 from the Moorman Mfg. Co., Quincy, Ill., for research in the Department of Animal Husbandry
 - e. \$25 from Mr. and Mrs. Keith L. Brown, Jonesville, for the Dairy Memorial Scholarship
 - f. \$422 from Donald Bowersox, East Lansing, for logistics in the Department of Marketing and Transportation Administration
 - g. \$100 from Dr. and Mrs. Lawrence A. Messe, East Lansing, for child psychotherapy research in the Department of Psychology
 - h. \$250 from various donors for various athletic accounts
8. Grant of \$1,750 from the County of Alger, Commissioners, Munising, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of 4-H Youth Program Assistant for the period July 1, 1976 to December 31, 1976.
9. Grant of \$1,800 from the County of Cheboygan, Commissioners, Cheboygan, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of 4-H Youth Program Assistant for the period July 1, 1976 to December 31, 1976.
10. Grant of \$1,750 from the County of Emmet, Commissioners, Petoskey, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of 4-H Youth Program Assistant for the period July 1, 1976 to December 31, 1976.
11. Grant of \$174.81 from the County of Grand Traverse, Commissioners, Traverse City, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as part of salary of 4-H Youth Program Assistant for the period June 14, 1976 through June 30, 1976.
12. Grant of \$1,800 from the County of Iosco, Commissioners, East Tawas, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of 4-H Youth Program Assistant for the period July 1, 1976 to December 31, 1976.
13. Grant of \$14,150 from the County of Jackson, Commissioners, Jackson, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of Horticultural Agent and Agricultural Agent for the period July 1, 1976 to December 31, 1976.
14. Grant of \$6,000 from the County of Kent, Commissioners, Grand Rapids, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as part of salary of an additional Extension Agent for the period January 1, 1976 through June 30, 1976.
15. Grant of \$528.56 from the County of Manistee, Commissioners, Manistee, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of 4-H Youth Program Assistant for the period May 10, 1976 through June 30, 1976.
16. Grant of \$1,800 from the County of Manistee, Commissioners, Manistee, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of 4-H Youth Program Assistant for the period July 1, 1976 through December 31, 1976.
17. Grant of \$1,750 from the County of Marquette, Commissioners, Marquette, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as part of salary of 4-H Youth Program Assistant for the period July 1, 1976 through December 31, 1976.
18. Grant of \$1,858.75 from the County of Missaukee, Commissioners, Lake City, to be used under the direction of G. E. Guyer in the Cooperative Extension Service, as partial support of 4-H Youth Program Assistant for the period July 1, 1976 through December 31, 1976.

B. GIFTS AND GRANTS, continued

September 24, 1976

Gifts and
Grants

19. Grant of \$6,930 from the County of Oakland, Commissioners, Pontiac, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of 4-H Agent and secretary for the period July 1, 1976 to December 31, 1976.
20. Grant of \$1,875 from the County of Otsego, Commissioners, Gaylord, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of 4-H Youth Program Assistant for the period July 1, 1976 through December 31, 1976.
21. Grant of \$2,250 from the County of Saginaw, Commissioners, Saginaw, to be used under the direction of G. E. Guyer in the Cooperative Extension Service as partial support of 4-H Youth Program Assistant for the period April 1, 1976 through June 30, 1976.
22. Grant of \$6,701.35 from the Michigan 4-H Foundation, East Lansing, to be used under the direction of N. A. Brown in Extension 4-H Youth as 4th quarter payment.
23. Grant of \$200 from the National 4-H Service Committee, Inc., Chicago, Illinois, to be used under the direction of N. A. Brown in Extension 4-H Youth as a petroleum power grant from the Amoco Foundation.
24. Grant of \$3,000 from the National 4-H Service Committee, Inc., Chicago, Illinois, to be used under the direction of N. A. Brown in Extension 4-H Youth to be used for an arthritis awareness campaign.
25. Grant of \$30,495 from the Agency for International Development, Washington, D.C., to be used under the direction of H. M. Riley in Agricultural Economics to support the writing of historical monographs on rural development.
26. Grant of \$98,379 from the Agency for International Development, Washington, D.C., to be used under the direction of G. E. Rossmiller in Agricultural Economics to advise and assist Korean staff in computer model operation and to further model development carried out under Simulation Project.
27. Grant of \$249,288 from the Agency for International Development, Washington, D.C., to be used under the direction of C. Eicher in Agricultural Economics for research for the better understanding of the rural poor in developing countries with emphasis in Africa.
28. Grant of \$2,500 from the Michigan Fruit Canners, Benton Harbor, to be used under the direction of H. M. Riley in Agricultural Economics for unrestricted research in the area of marketing.
29. Grant of \$4,000 from the U.S. Department of Agriculture, Washington, D.C., to be used under the direction of J. D. Shaffer in Agricultural Economics to support a project encompassing aggregate model development (forecasting and capital flows) and analysis of food retailer procurement practices.
30. Grant of \$50,000 from the USDA Statistical Reporting Service, Washington, D.C., to be used under the direction of J. T. Bonnen in Agricultural Economics to support modernization of agricultural information and data collection systems.
31. Grant of \$30,050 from the World Bank, Washington, D.C., to be used under the direction of C. Liedholm in Agricultural Economics to support research and analysis of rural and urban small-scale industry in developing countries.
32. Grant of \$20,000 from the U.S. Department of Agriculture, Washington, D.C., to be used under the direction of G. E. Rossmiller in Agricultural Economics to further develop and modify software library to be used in agricultural sector and simulation systems analysis.
33. Grant of \$3,000 from the U.S. Department of Agriculture, Washington, D.C., to be used under the direction of A. A. Schmid in Agricultural Economics to support analysis of multi-county health planning units.
34. Grant of \$2,500 from Avco-New Idea Farm Equipment, Coldwater, Ohio, to be used under the direction of R. H. Wilkinson in Agricultural Engineering to conduct studies on the effect of various preservatives on high-moisture rolled hay wafers.
35. Grant of \$150 from Cherry Central Cooperative, Inc., Traverse City, to be used under the direction of B. F. Cargill in Agricultural Engineering as a contribution toward Merry Cherry Road to Pack Out slides (visual aid production in a cherry bruise abatement slide series).
36. Grant of \$4,000 from the Deere and Company, Moline, Illinois, to be used under the direction of C. J. Mackson in Agricultural Engineering to cover cost of ECE Meeting and Study Tour -- 1977.
37. Grant of \$2,500 from the Food and Agriculture Organization of the UN, Rome, Italy, to be used under the direction of B. A. Stout in Agricultural Engineering to support preparation of book on energy in agriculture.
38. Grant of \$3,000 from John P. Harvey, Grand Haven, to be used under the direction of C. M. Hansen in Agricultural Engineering to improve mechanical strawberry capper.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

September 24, 1976

39. Grant of \$2,500 from Massey-Ferguson, Inc., Detroit, to be used under the direction of R. H. Wilkinson in Agricultural Engineering to support studies on the effect of various preservatives on high-moisture, rolled hay wafers.
40. Grant of \$3,000 from the Michigan Association of Cherry Producers, East Lansing, to be used under the direction of C. M. Hansen in Agricultural Engineering to support perfecting the MSU-Tresco cherry pitter.
41. Grant of \$2,600 from the Michigan Potato Industry Commission to be used under the direction of B. F. Cargill and D. R. Heldman in Agricultural Engineering to support a potato bruise reduction program and in determining optimum environmental conditions during storage of potatoes.
42. Grant of \$900 from Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of D. E. Marshall in Agricultural Engineering to support research on below-ground brining.
43. Grant of \$2,000 from the Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of L. J. Segerlind in Agricultural Engineering to support research on purging efficiency.
44. Grant of \$5,000 from the Rockefeller Foundation, New York, N.Y., to be used under the direction of B. A. Stout in Agricultural Engineering to support the preparation of computerized annotated bibliography on energy in agriculture.
45. Grant of \$3,000 from Sperry-New Holland, New Holland, Pennsylvania, to be used under the direction of C. J. Mackson in Agricultural Engineering to cover cost of ECE meeting and study tour--1977.
46. Grant of \$3,427.85 from the State of Michigan, Lansing, to be used under the direction of F. V. Nurnberger in Agricultural Engineering to support data evaluation on climate of Michigan.
47. Grant of \$5,000 from the Strawberry Harvesting Systems, Inc., Frankfort, to be used under the direction of C. M. Hansen in Agricultural Engineering to improve mechanical strawberry capper.
48. Grant of \$32,000 from the U.S. Department of Agriculture, ARS, New Orleans, Louisiana, to be used under the direction of M. L. Esmay in Agricultural Engineering to study solar energy utilization for poultry housing.
49. Grant of \$7,500 from the MSU Foundation, East Lansing, to be used under the direction of C. A. Reddy in Animal Husbandry to support research on recycling of livestock wastes as protein feeds.
50. Grant of \$3,000 from the National Feed Ingredients Association, West Des Moines, Iowa, to be used under the direction of D. E. Ullrey in Animal Husbandry to gather data on safety of Se supplementation of ruminant diets.
51. Grant of \$8,278 from U.S. Brewers Association, Inc., Washington, D.C., to be used under the direction of M. T. Yokoyama and D. G. Fox in Animal Husbandry to support study of utilization of live brewer's yeast as a protein supplement for cattle.
52. Grant of \$89,000 from U.S. Department of Agriculture CSRS Program, Washington, D.C., to be used under the direction of M. T. Yokoyama and C. A. Reddy in Microbiology and Public Health to support study of potentiation and recycling of cattle waste as a feedstuff by anaerobic fermentation and evaluation of the microbial product by feeding studies.
53. Grant of \$2,784 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. A. Ronzio in Biochemistry to support study of membrane formation in cyto-differentiation.
54. Grant of \$3,000 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of S. D. Aust in Biochemistry to support a study of rat liver microsomal cytochrome P₄₅₀.
55. Grant of \$22,500 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. A. Ronzio in Biochemistry to support a study of membrane formation and function during development.
56. Grant of \$35,198 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of P. K. Kindel in Biochemistry to support a study of biosyn-apisose, polysac, struct cell wall.
57. Grant of \$45,484 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of L. L. Bieber in Biochemistry on the biochemistry of polyene antibiotics.
58. Grant of \$60,000 from the National Science Foundation, Washington, D.C., to be used under the direction of W. A. Wood and A. Tulinsky in Biochemistry to support the investigation of the structure of a trimatic metabolic enzyme: sequencing and X-Ray crystallographic structure determination of 2-Keto-1-deoxy-6-phospho gluconic adolase of Pseudomonas putida.

B. GIFTS AND GRANTS, continued

September 24, 1976

Gifts and
Grants

59. Grant of \$94,493 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. Barker in Biochemistry to support training for pre-doctoral studies in biochemistry.
60. Grant of \$1,500 from the American Cyanamid Company, Wayne, New Jersey, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of dodine against major fungal diseases of apple and cherry.
61. Grant of \$1,500 from the American Cyanamid Company, Princeton, New Jersey, to be used under the direction of A. L. Jones in Botany and Plant Pathology to help defray expenses incurred in support of fungicide of fruits.
62. Grant of \$500 from Chevron Chemical Company, Perth Amboy, New Jersey, to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate the effectiveness of fungicide defoliation on potatoes applied through irrigation equipment.
63. Grant of \$500 from W. A. Cleary Corporation, Somerset, New Jersey, to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to help defray expenses incurred in support of turfgrass pathology.
64. Grant of \$2,600 from Diamond Shamrock Chemical Company, Cleveland, Ohio, to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate the suitability of applying fungicide chlorthalonil through irrigation systems for control of vegetable diseases.
65. Grant of \$500 from E.I. duPont de Nemours and Company, Wilmington, Delaware, to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate combinations of systemic and surface protectant fungicides for mildew control on onions.
66. Grant of \$1,000 from E.I. duPont de Nemours and Company, Wilmington, Delaware, to be used under the direction of A. L. Jones in Botany and Plant Pathology to help defray expenses incurred in research of "Benlate" benomyl fungicide and various fungicide combinations on tolerant strains of apple scab.
67. Grant of \$500 from Diamond Shamrock Chemical Company, Cleveland, Ohio, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of Bravo 6F against *Coccomyces hiemalis* cherry leaf spot and *monilinia fructicola* (brown rot).
68. Grant of \$500 from Diamond Shamrock Chemical Company, Cleveland, Ohio, to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate the effectiveness of massive dosages and low volume application of chlorothalonil for *Bohytis* on gladiolus.
69. Grant of \$200 from Hilltop Orchards and Nurseries, Inc., Wenatchee, Washington, to be used under the direction of A. L. Jones in Botany and Plant Pathology to help defray expenses incurred in the publication of bulletin, "Diseases of Tree Fruits in Midwest."
70. Grant of \$500 from the Kay-Fries Chemical Company, Stony Point, N.Y., to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to help defray expenses incurred in the evaluation of turfgrass pathology.
71. Grant of \$1,000 from Kay-Fries Chemical Company, Stony Point, N.Y., to be used under the direction of E. J. Klos in Botany and Plant Pathology to study effects of extender XL 800 on the fungicidal effects of dodine against apple scab.
72. Grant of \$2,500 from the Michigan Potato Industry Commission to be used under the direction of W. J. Hooker in Botany and Plant Pathology to help defray expenses incurred in the research of potatoes.
73. Grant of \$2,600 from the Michigan Concord Grape Producers Research Fund, Lawton, to be used under the direction of D. C. Ramsdell in Botany and Plant Pathology to help defray expenses incurred in the study and control of Dead Arm, Black Rot, mildews and viruses of grapes in Michigan.
74. Grant of \$2,000 from the Michigan Potato Industry Comm. to be used under the direction of H.S. Potter in Botany and Plant Pathology to help defray expenses incurred in research of potatoes.
75. Grant of \$22,500 from the National Science Foundation, Washington, D.C., to be used under the direction of N. Good in Botany and Plant Pathology to support research of the bioenergetic aspects of photosynthesis.
76. Grant of \$50,000 from the National Science Foundation, Washington, D.C., to be used under the direction of R. P. Scheffer in Botany and Plant Pathology to support research of pathogen-produced toxins and host-selective toxicity to plants.
77. Grant of \$1,200 from the Parramore and Griffin, Inc., Valdosta, Georgia, to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate use of copper sulfur flowable fungicides for control of powdery mildew and *Cercospora* leaf spot of sugarbeets, late blight of potatoes, black rot of cabbage and bacterial blight of beans.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

September 24, 1976

78. Grant of \$500 from Rhodia, Inc., New York, N.Y., to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to help defray expenses incurred in fungicide work on turf grasses for control of dollar spot and Helminthosporium leaf spot.
79. Grant of \$2,500 from Rhodia, Inc., Monticello, Illinois, to be used under the direction of A. L. Jones in Botany and Plant Pathology to help defray expenses incurred in fungicide work on sweet and sour cherries.
80. Grant of \$1,000 from the Upjohn Company, Kalamazoo, to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to help defray expenses incurred in the control of turf diseases.
81. Grant of \$2,500 from the American Cyanamid Company, Princeton, New Jersey, to be used under the direction of W. F. Meggitt in Crop and Soil Sciences to evaluate herbicides for weed control.
82. Grant of \$750 from the FMC Corporation, Middleport, New York, to be used under the direction of W. F. Meggitt in Crop and Soil Sciences to evaluate herbicides for weed control.
83. Grant of \$906.71 from BASF Wyandotte Corporation, Parsippany, N. J., to be used under the direction of D. Penner in Crop and Soil Sciences to support the continuation of herbicide research.
84. Grant of \$500 from Eli Lilly and Company, Indianapolis, Indiana, to be used under the direction of M. B. Tesar in Crop and Soil Sciences to evaluate El-103 for brush control in pastureland.
85. Grant of \$750 from the Chevron Chemical Company, Perth Amboy, N.J., to be used under the direction of J. M. Smucker in Crop and Soil Sciences to support and use in Tillage Management Systems for dry beans funded by Michigan Dry Edible Bean Production Research Advisory Board.
86. Grant of \$5,438.37 from the Farmers and Manufacturers Beet Sugar Association, Saginaw, to be used under the direction of W. F. Meggitt in Crop and Soil Sciences to support work on sugarbeet herbicides and support graduate student working on sugarbeet problems.
87. Grant of \$8,934.47 from the Farmers and Manufacturers Beet Sugar Association, Fashion Square, to be used under the direction of D. Christenson in Crop and Soil Sciences for the continuation of sugar beet research.
88. Grant of \$1,000 from the Georgia Pacific Corporation, Kalamazoo, to be used under the direction of L. Jacobs in Crop and Soil Sciences to support study of effects of paper mill sludge additions on the soil properties of a coarse-textured agricultural soil.
89. Grant of \$600 from the Helena Chemical Company, North Central Division, Lafayette, Indiana, to be used under the direction of E. C. Rossman in Crop and Soil Sciences in support of plant growth regulator research.
90. Grant of \$500 from the Lansing Grain Company, Lansing, to be used under the direction of E. H. Everson in Crop and Soil Sciences for the continuation of existing wheat research programs.
91. Grant of \$3,000 from Mennel Milling Company, Fostoria, Ohio, to be used under the direction of E. H. Everson in Crop and Soil Sciences for the continuation of existing wheat research programs.
92. Grant of \$5,000 from the Michigan Foundation Seed Association, East Lansing, to be used under the direction of E. H. Everson in Crop and Soil Sciences for the continuation of existing wheat research programs.
93. Grant of \$2,000 from the Michigan State Miller's Association, Dowagiac, to be used under the direction of E. H. Everson in Crop and Soil Sciences for the continuation of existing wheat research programs.
94. Grant of \$2,900 from Eli Lilly and Company, Indianapolis, Indiana, to be used under the direction of D. Penner in Crop and Soil Sciences to evaluate the basis of the enhanced activity and mechanisms of soil dissipation of Surflan.
95. Grant of \$1,000 from the Wilson and George Meyer and Company, S. San Francisco, California, to be used under the direction of T. J. Johnston in Crop and Soil Sciences to support work on time and rate of application of calcium nitrate in soybeans.
96. Grant of \$5,000 from the Michigan Foundation Seed Association, East Lansing, to be used under the direction of T. J. Johnston in Crop and Soil Sciences for the continuation of soybean research.
97. Grant of \$1,000 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of N. R. Thompson and R. W. Chase in Crop and Soil Sciences to support introduction to new potato varieties.

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98. Grant of \$2,100 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of R. W. Chase and W. F. Meggitt in Crop and Soil Sciences to support variety introduction and testing of potatoes and weed control testing.
99. Grant of \$2,500 from Ore-Ida Foods, Inc., Greeville, to be used under the direction of R. W. Chase in Crop and Soil Sciences in support of ongoing research.
100. Grant of \$1,200 from Saginaw County Board of Commissioners, Saginaw, to be used under the direction of R. W. Chase and E. P. Whiteside in Crop and Soil Sciences to cover expenses of completing manuscript and enlarged field sheets.
101. Grant of \$5,000 from Royster Company, Norfolk, Virginia, to be used under the direction of D. R. Christenson in Crop and Soil Sciences to support research of the effect of micronutrient sources in fertilizer management systems on crop yields in Michigan.
102. Grant of \$750 from U.S. Gypsum, Chicago, Illinois, to be used under the direction of P. E. Rieke in Crop and Soil Sciences to evaluate gypsum as a soil conditioner in the improvement of physical properties of fire-textured soils under turf.
103. Grant of \$1,090 from the Calor American, Inc., Okemos, to be used under the direction of J. T. Huber in Dairy Science to determine if 4-methylimidazole and 2-6-dimethylpyrazine form as by-products of treatment of corn silage with aqueous ammonia.
104. Grant of \$3,221 from the Michigan DHIA, Inc., East Lansing, to be used under the direction of J. H. Britt in Dairy Science to support dairy fieldman position.
105. Grant of \$43,413 from the National Institutes of Health, Bethesda, Md, to be used under the direction of E. M. Convey in Dairy Science to support the study of the control of bovine serum prolactin concentrations.
106. Grant of \$47,882 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. D. Hafs in Dairy Science to support research in dairy physiology.
107. Grant of \$6,840 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of J. W. Thomas in Dairy Science to provide funds to train predoctoral students in broad, multi-species aspects of nutrition and increase productivity of individual staff and departments in training graduate students in nutrition.
108. Grant of \$41,450 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. A. Tucker in Dairy Science to support the study of the effect of photoperiod on endocrinology of growth and lactation.
109. Grant of \$6,000 from The Upjohn Company, Kalamazoo, to be used under the direction of J. H. Britt in Dairy Science to determine luteolysis in 50 lactating Holstein cows given varying levels of prostaglandin F₂.
110. Grant of \$500 from the Agricultural and Veterinary Products Division, Abbott Laboratories, North Chicago, Illinois, to be used under the direction of A. J. Howitt in Entomology to evaluate compound for control of fruit pests.
111. Grant of \$2,500 from E.I. duPont de Nemours and Company, Wilmington, Delaware, to be used under the direction of A. J. Howitt in Entomology to evaluate compound for control of fruit pests.
112. Grant of \$500 from Diamond Shamrock Chemical Company, Cleveland, Ohio, to be used under the direction of A. J. Howitt in Entomology to evaluate compound for control of fruit pests.
113. Grant of \$2,000 from ICI United States Inc., Goldsboro, North Carolina, to be used under the direction of A. J. Howitt in Entomology to evaluate compound for control of fruit pests.
114. Grant of \$1,000 from the American Cyanamid Company, Wayne, New Jersey, to be used under the direction of J. E. Bath in Entomology to support study of insects infesting field and truck crops.
115. Grant of \$450 from Chevron Chemical Company, San Francisco, California, to be used under the direction of A. A. Wells in Entomology to support study of insects infesting field and truck crops.
116. Grant of \$500 from E.I. duPont de Nemours and Company, Willington, Delaware, to be used under the direction of A. A. Wells in Entomology to support study of insects infesting field and truck crops.
117. Grant of \$1,000 from the FMC Corporation, Philadelphia, Pennsylvania, to be used under the direction of A. A. Wells in Entomology to support study of insects infesting field and truck crops.
118. Grant of \$2,500 from the Michigan Potato Industry Commission to be used under the direction of D. Cress in Entomology to support study of insects infesting field and truck crops.

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119. Grant of \$1,250 from the Shell Oil Company, Modesto, California, to be used under the direction of A. A. Wells in Entomology to support study of insects infesting field and truck crops.
120. Grant of \$500 from the E.I. duPont de Nemours and Company, Wilmington, Delaware, to be used under the direction of R. F. Ruppel in Entomology to support research of the control of aphids on small grains.
121. Grant of \$1,000 from the FMC Corporation, Philadelphia, Pennsylvania, to be used under the direction of G. W. Bird in Entomology to support research of nematode population management in Michigan crop production.
122. Grant of \$1,000 from the FMC Corporation, Philadelphia, Pennsylvania, to be used under the direction of R. F. Ruppel in Entomology to support study of the management of field and forage crop insects in Michigan.
123. Grant of \$1,800 from Gulf Oil Corporation, Special Chemical, Shawnee Mission, Kansas, to be used under the direction of A. J. Howitt in Entomology to evaluate experimental compound in the control of fruit pests.
124. Grant of \$2,500 from ICI United States, Inc., Goldsboro, N.C., to be used under the direction of A. A. Wells in Entomology to support field vegetable and crop testing with PP557 and PIRIMOR^R.
125. Grant of \$1,750 from ICI United States, Inc., Goldsboro, North Carolina, to be used under the direction of A. J. Howitt in Entomology to support study of fruit tree insects.
126. Grant of \$4,000 from Mobil Chemical Company, Edison, New Jersey, to be used under the direction of A. J. Howitt in Entomology to support study of fruit tree insects.
127. Grant of \$500 from Rhodia Inc., New York, N.Y., to be used under the direction of A. J. Howitt in Entomology to support study of fruit tree insects.
128. Grant of \$1,500 from the Michigan Concord Grape Production Research Fund, Lawton, to be used under the direction of A. J. Howitt in Entomology to support grape research.
129. Grant of \$1,500 from the Michigan Potato Industry Commission to be used under the direction of A. A. Wells in Entomology to support study of insects infesting field and truck crops.
130. Grant of \$2,500 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of G. W. Bird in Entomology to support study of the influence of various crops grown in rotation with potatoes - yield losses caused by nematodes and nematode computer simulation to convert the computer to potato varieties.
131. Grant of \$2,900 from the Michigan Potato Industry Commission, Lansing, to be used under the direction of G. W. Bird in Entomology to support study of nematode population management in Michigan crop production.
132. Grant of \$750 from NOR-AM Agricultural Products, Inc., Woodstock, Illinois, to be used under the direction of G. W. Bird in Entomology to support study of nematode population management in Michigan crop production.
133. Grant of \$500 from Mobil Chemical Company, Edison, New Jersey, to be used under the direction of A. A. Wells in Entomology to cover cost of field evaluation of Mobil 9087 experimental insecticide.
134. Grant of \$2,000 from Pennwalt Corporation; Agchem Division, Fresno, California, to be used under the direction of A. J. Howitt in Entomology to support evaluation of experimental compound of fruit pests.
135. Grant of \$500 from Rhodia, Inc., New York, N.Y., to be used under the direction of R.F. Ruppel in Entomology to support study of management of field and forage crop insects in Michigan.
136. Grant of \$1,000 from the Shell Development Company, Modesto, California, to be used under the direction of R. F. Ruppel in Entomology to support management of field and forage crop insects in Michigan study.
137. Grant of \$6,700 from the Shell Development Company, Modesto, California, to be used under the direction of A. J. Howitt in Entomology to support fruit tree insects.
138. Grant of \$750 from Stauffer Chemical Company, Modesto, California, to be used under the direction of R. F. Ruppel in Entomology to support study of the control of field crop insects.
139. Grant of \$89,941 from the University of California to be used under the direction of B. A. Croft in Entomology to support study of integrated control system for apple pests in Michigan.
140. Grant of \$28,995 from the University of Missouri, Columbia, Missouri, to be used under the direction of D. Cress in Entomology to support the study of the biology and control of soil insects attacking vegetables.

B. GIFTS AND GRANTS, continued

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141. Grant of \$8,800 from the U. S. Department of Agriculture to be used under the direction of D. Haynes in Entomology to support detecting gypsy moth life stages with domestic canines.
142. Grant of \$115,625 from the U. S. Department of Agriculture to be used under the direction of R. J. Sauer in Entomology to analyze residues of selected pesticides destined for use on minor agricultural crops.
143. Grant of \$500 from the Department of the Environment, Iran, Tehran, Iran, to be used under the direction of G. A. Petrides in Fisheries and Wildlife to support international wildlife activities in the department.
144. Grant of \$3,840 from the Environmental Protection Agency, Office of Water Programs, Washington, D.C., to be used under the direction of E. W. Roelofs in Fisheries and Wildlife to support training of graduate students in water pollution biology.
145. Grant of \$3,500 from Sibley W. Hoobler, Ann Arbor, to be used under the direction of R. J. White in Fisheries and Wildlife to support trout population and habitat study to determine what stream habitat features are responsible for trout abundance in Michigan streams; diagnose habitat problems as basis for design of habitat management plans.
146. Grant of \$5,000 from the Michigan Council of Trout Unlimited, Grayling, to be used under the direction of R. J. White in Fisheries and Wildlife for the continuation of the study involving habitat preferences of Wild Brown Trout in the AuSable River.
147. Grant of \$5,400 from the Michigan Department of Natural Resources, Lansing, to be used under the direction of R. A. Cole in Fisheries and Wildlife to support a Lake Erie larval fish study.
148. Grant of \$5,000 from General Foods Corporation, Battle Creek, to be used under the direction of J. R. Kirk in Food Science and Human Nutrition to determine effect of form (cation and anion) of minerals used for fortification of breakfast cereal type products on the stability of oxidation sensitive vitamins.
149. Grant of \$5,000 from General Foods Corporation, Battle Creek, to be used under the direction of J. R. Kirk in Food Science and Human Nutrition to determine effects of the level of mineral fortification on the stability of vitamins A, B₁ and B₁₂ in breakfast cereal products under various storage conditions common to commercial storage of these products.
150. Grant of \$5,000 from General Foods Corporation, Battle Creek, to be used under the direction of J. R. Kirk in Food Science and Human Nutrition to support the development of quantitative chemical assay for determination of vitamins A and D in breakfast cereal products using high pressure liquid chromatography.
151. Grant of \$550 from Herco Processing Company, Byron Center, to be used under the direction of J. R. Brunner in Food Science and Human Nutrition for analytical service performed; to be used for supplies, etc.
152. Grant of \$300 from the National Livestock and Meat Board, Chicago, Illinois, to be used under the direction of A. M. Pearson in Food Science and Human Nutrition for unlimited research funds; honorarium for services rendered to Nutrition Research Advisory Committee meeting June 1 and 2, 1976.
153. Grant of \$55,900 from the National Science Foundation, Washington, D.C., to be used under the direction of A. M. Pearson in Food Science and Human Nutrition to characterize and determine components contributing to meat flavor.
154. Grant of \$300 from Stouffer Foods Corporation Fund, Cleveland, Ohio, to be used under the direction of L. G. Harmon in Food Science and Human Nutrition to provide scholarships.
155. Grant of \$2,800 from Northeastern Forest Experiment Station, Forest Service, Durham, New Hampshire, to be used under the direction of J. W. Hanover in Forestry to determine physical and chemical basis for resistance of white pine to white pine weevil.
156. Grant of \$3,921.25 from the U.S. Forest Service, Washington, D.C., to be used under the direction of H. A. Huber in Forestry for training program.
157. Grant of \$300 from the American Cyanamid Company, Agricultural Division, Princeton, New Jersey, to be used under the direction of A. R. Putnam in Horticulture for on-going research programs relating to study of herbicides on fruit and vegetable crops.
158. Grant of \$500 from the FMC Corporation, Agricultural Chemical Division, Middleport, New York, to be used under the direction of A. R. Putnam in Horticulture for on-going research programs relating to the study of herbicides on fruit and vegetable crops.
159. Grant of \$70 from the Federated Garden Clubs of Michigan, Inc., Plymouth, to be used under the direction of J. Carew in Horticulture for research, extension or teaching.

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B. GIFTS AND GRANTS, continued

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160. Grant of \$2,000 from Gerber Products Company, Fremont, to be used under the direction of L. R. Baker in Horticulture for on-going programs to develop improved hybrid carrot varieties for processing and strengthen programs for the commercial testing of experimental hybrid carrots.
161. Grant of \$10,000 from Herbert H. and Grace A. Dow Foundation, Midland, to be used under the direction of H. Davidson in Horticulture for researching vegetative propagation of shade trees.
162. Grant of \$1,500 from the Michigan Apple Committee, Lansing, to be used under the direction of D. H. Dewey in Horticulture to support on-going program to improve internal quality of apples for fresh market and processing.
163. Grant of \$3,600 from the Michigan Concord Grape Producers Research Fund, Lawton, to be used under the direction of G. S. Howell in Horticulture for on-going research on grapes with emphasis on cold-hardiness and vineyard management.
164. Grant of \$4,667 from the Michigan Farm and Garden Foundation, Ann Arbor, to be used under the direction of J. Carew in Horticulture for an assistantship for Carol Ann Sherman.
165. Grant of \$2,500 from the Michigan Shade^{Tree} and Horticultural Research Fund, Lansing, to be used under the direction of R. Mecklenburg in Horticulture to support root regeneration research.
166. Grant of \$650 from the Florists' Transworld Delivery Association, Southfield, to be used under the direction of W. Carlson in Horticulture for on-going bedding plant programs.
167. Grant of \$13,000 from the Netherlands Flower Bulb Institute, Inc., New York, N.Y., to be used under the direction of A. DeHertogh in Horticulture to support on-going programs of applied and fundamental research relating to flower bulb forcing and post-harvest physiology.
168. Grant of \$500 from Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of L. R. Baker in Horticulture to support on-going research on cucumber breeding.
169. Grant of \$700 from Stauffer Chemical Company, San Francisco, California, to be used under the direction of A. R. Putnam in Horticulture to support on-going research programs relating to the study of herbicides on fruit and vegetable crops.
170. Grant of \$250 from the Sunbeam Farm, Inc., Westlake, Ohio, to be used under the direction of K. Sink in Horticulture for on-going phlox sublate research.
171. Grant of \$1,000 from Takii and Company, Ltd., Kyoto, Japan, to be used under the direction of L. Baker in Horticulture to support on-going research in developing high quality hybrids.
172. Grant of \$500 from the U.S. Borax Research Corporation, Anaheim, California, to be used under the direction of A. R. Putnam in Horticulture for on-going research on herbicides for weed control.
173. Grant of \$1,025 from Walters Gardens, Inc., Zeeland, to be used under the direction of K. Sink in Horticulture for on-going phlox sublate research.
174. Grant of \$500 Great Lakes Packaging Association, Madison Heights, to be used under the direction of J. W. Goff in Packaging as an unrestricted grant.
175. Grant of \$145 from various donors to be used under the direction of J. W. Goff in Packaging as an unrestricted grant.
176. Grant of \$4,000 from the Johnson's Wax Fund, Inc., Racine, Wisconsin, to be used under the direction of J. W. Goff in Packaging for a graduate fellowship.
177. Grant of \$30,201 from the Department of the Army, Columbus, Ohio, to be used under the direction of R. J. Aulerich and T. H. Coleman in Poultry Science to support a study of wildlife toxicology of DIMP and DCPD.
178. Grant of \$1,866.66 from the Environmental Protection Agency, Cincinnati, Ohio, to be used under the direction of R. K. Ringer in Poultry Science to support the study of residue and histopathologic analysis of breeder mink fed Aroclor 1016.
179. Grant of \$4,492 from the Environmental Protection Agency, Duluth, Minnesota, to be used under the direction of R. K. Ringer in Poultry Science to support study of Aro chlor 1016 in mink.
180. Grant of \$110,000 from the National Aeronautics and Space Administration, Washington, D.S., to be used under the direction of R. D. Vlasin and M. Boylan in Resource Development to develop and demonstrate for Michigan situations the operational uses of remote sensing in land and water use planning and policy formulation.

B. GIFTS AND GRANTS, continued

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181. Grant of \$81,200 from the Michigan Department of Education, Lansing, to be used under the direction of C. H. Wamhoff in Agriculture and Natural Resources Education Institute to carry out various FFA programs and activities throughout the state of Michigan.
182. Grant of \$157,830 from the Michigan Department of Education, Lansing, to be used under the direction of C. H. Wamhoff in Agriculture and Natural Resources Education Inst. to assist Michigan vocational and technical teachers in utilizing competency-based concepts; assist K-12 school districts and post-secondary institutions in articulating vocational and technical education programs.
183. Grant of \$4,872 from the Michigan Department of State, Lansing, to be used under the direction of S. Omoto in Art to identify, photograph and document examples of architecture and sites of historical and architectural significance in the Upper Peninsula.
184. Grant of \$1,800 from the MSU Foundation, East Lansing, to be used under the direction of S. Omoto in Art to carry out architectural survey in the Upper Peninsula.
185. Grant of \$3,083 from the USDI/National Park Service, Omaha, Nebraska, to be used under the direction of S. Omoto in Art to support research and complete National Register of Historic Places nomination forms for properties in Indiana Dunes National Lakeshore and Chicago Portage National Historic Site.
186. Grant of \$5,263 from the USDI/National Park Service, Omaha, Nebraska, to be used under the direction of S. Omoto in Art to support research and complete National Register of Historic Places nomination forms for properties in Sleeping Bear Dunes National Lakeshore and Pictured Rocks National Lakeshore.
187. Grant of \$9,600 from the Sturgis Public Schools, Sturgis, to be used under the direction of A. M. Hollingsworth in English to develop a program in reading and writing for Sturgis junior high school students.
188. Grant of \$10,600 from the Department of State, Washington, D.C., to be used under the direction of D. Burkh in Music to supply assistance in bringing foreign international scholars in residence to MSU and Greater Lansing.
189. Grant of \$1,000 from the MSU Foundation, East Lansing, to be used under the direction of J. Niblock in Music as partial support of appearance of Dennis Burkh conducting New Philharmonic Orchestra of London.
190. Grant of \$200 from Frank Bacon, East Lansing, to be used under the direction of R.J. Lewis in the Dean's Office, College of Business, as an unrestricted grant.
191. Grant of \$25 from William and Joyce Lazer, East Lansing, to be used under the direction of R. J. Lewis in the College of Business for the Kullervo Louhi Scholarship Fund.
192. Grant of \$220 from various donors to be used under the direction of R. J. Lewis in the Graduate School of Business Administration for the Hendrik Zwarensteijn Scholarship Fund.
193. Grant of \$100 from Timothy E. Durbin, Troy, to be used under the direction of H.M. Sollenberger in Accounting and Financial Administration for faculty development.
194. Grant of \$2,600 from various donors to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for faculty development.
195. Grant of \$8,850 from the Michigan Department of Labor, Lansing, to be used under the direction of J. K. White in Management to identify and assess impact that employment policies and personnel characteristics have on individual labor force decisions.
196. Grant of \$500 from the American Store Equipment Corporation, Muskegon, to be used under the direction of D. A. Taylor in Marketing and Transportation Administration for the development of marketing program and faculty.
197. Grant of \$525 from Gilbert Harrell, Williamston, to be used under the direction of D. A. Taylor in Marketing and Transportation Administration for the development of marketing program and faculty.
198. Grant of \$1,000 from Oldsmobile Division, Lansing, to be used under the direction of D.A. Taylor in Marketing and Transportation Administration for the development of marketing program and faculty.
199. Grant of \$800.18 from the Williamston Chamber of Commerce, Williamston, to be used under the direction of D. A. Taylor in Marketing and Transportation to support the development of marketing program and faculty.
200. Grant of \$2,500 from the H.J. Heinz Company Foundation, Pittsburgh, Pennsylvania, to be used under the direction of J. W. Allen in Marketing and Transportation Administration for scholarships.

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B. GIFTS AND GRANTS, continued

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201. Grant of \$22,500 from Johnson and Johnson, New Brunswick, New Jersey, to be used under the direction of D. A. Taylor in Marketing and Transportation Administration to support basic research and development of teaching materials and enrich course development in logistics management.
202. Grant of \$11,250 from the Whirlpool Corporation, Benton Harbor, to be used under the direction of D. A. Taylor in Marketing and Transportation Administration to support basic research and development of teaching materials and enrich course development in logistics management.
203. Grant of \$2,000 from Thomas J. Lipton Foundation, Inc., Englewood Cliffs, New Jersey, to be used under the direction of J. W. Allen in Marketing and Transportation Administration to maintain activities of Food Systems Economics and Management Program.
204. Grant of \$21,044 from the Department of the Air Force to be used under the direction of R. L. Blomstrom in Hotel, Restaurant and Institutional Management for short course-open mess management.
205. Grant of \$600 from the First National Bank of Chicago, Illinois, to be used under the direction of D. Furse in Advertising to support student development and presentation of advertising campaign strategy as part of ADV 449 course requirements.
206. Grant of \$3,000 from the Aberdeen Area Indian Health Service, Aberdeen, South Dakota, to be used under the direction of L. V. Deal in Audiology and Speech Sciences as additional funding for ENT program for native Americans in Michigan.
207. Grant of \$21,181 from the Rehabilitation Services Administration, Washington, D.C., to be used under the direction of L. V. Deal in Audiology and Speech Sciences for traineeships in speech pathology and audiology.
208. Grant of \$2,000 from the American Alliance for Health, Physical Education and Recreation, Washington, D.C., to be used under the direction of R. Niemeyer in the Dean's Office, College of Education, for operating expenses for Outdoor Education Project.
209. Grant of \$4,737.52 from the American Alliance for Health, Physical Education and Recreation, Washington, D.C., to be used under the direction of R. Niemeyer in the Dean's Office, College of Education, for the salary for director of Outdoor Education Project.
210. Grant of \$28,750 from the American Alliance for Health, Physical Education and Recreation, Washington, D.C., to be used under the direction of R. Niemeyer in the Dean's Office, College of Education, for the salary of director of Outdoor Education Project.
211. Grant of \$646.88 from the Lansing School District, Lansing, to be used under the direction of T. C. Cobb in the Dean's Office, College of Education, for supplies and services associated with operations of Teacher Center.
212. Grant of \$90 from the Kalamazoo Valley Intermediate School District, Kalamazoo, to be used under the direction of F. R. Ignatovich in Administration and Higher Education to provide funds to analyze data provided by the School District.
213. Grant of \$284.50 from the Michigan Association of Middle School Educators, East Lansing, to be used under the direction of L. G. Romano in Administration and Higher Education to develop materials to be mimeographed for middle school principals and teachers.
214. Grant of \$29,700 from the Office of Overseas Schools, East Lansing, to be used under the direction of R. Featherstone in Administration and Higher Education to provide staff development services to selected American Schools of Mexico and Central America.
215. Grant of \$3,000 from the American Educational Research Association, Washington, D.C., to be used under the direction of L. Shulman in Counseling, Personnel Services and Educational Psychology to defray expenses of editing The Review of Research.
216. Grant of \$91,336 from the Rehabilitation Services Administration, HEW, Washington, D.C., to be used under the direction of J. R. Engelkes in Counseling, Personnel Services and Educational Psychology to train master's level people in rehabilitation counseling with emphasis in placement for the handicapped.
217. Grant of \$67,692 from the Rehabilitation Services Administration, HEW, Washington, D.C., to be used under the direction of J. R. Engelkes in Counseling, Personnel Services and Educational Psychology to support a graduate training program in rehabilitation counseling.
218. Grant of \$250,000 from the Rehabilitation Services Administration, HEW, Washington, D.C., to be used under the direction of J. E. Jordan in Counseling, Personnel Services and Educational Psychology to continue development of International Rehabilitation Special Education Center at MSU and network of similar centers in Latin America, Africa, Asia, Eastern Europe, Western Europe, Middle East, and the Pacific.

B. GIFTS AND GRANTS, continued

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219. Grant of \$51,570 from the U.S. Office of Education, Washington, D.C., to be used under the direction of J. Snoddy in Elementary and Special Education to provide graduate fellowships in bilingual education.
220. Grant of \$11,000 from the U.S. Office of Education, Washington, D.C., to be used under the direction of J. A. Wessel in Health, Physical Education and Recreation to develop home-center based parent training program using individualized curriculum materials for TMI.
221. Grant of \$44,000 from the U.S. Office of Education, Washington, D.C., to be used under the direction of C. A. Peterson in Health, Physical Education and Recreation to support the development, implementation and evaluation of preservice and in-service professional preparation programs in physical education and recreation for the handicapped.
222. Grant of \$1,267.50 from the National Council for the Social Studies, East Lansing, to be used under the direction of S. Wronski in Secondary Education and Curriculum to cover costs for UNESCO conference.
223. Grant of \$81,450 from the U.S. Office of Education, Washington, D.C., to be used under the direction of P. Haines in Secondary Education and Curriculum to develop leaders for positions as state and local directors and teacher educators in vocational education.
224. Grant of \$100 from the Michigan Council for the Social Studies, East Lansing, to be used under the direction of R. Niemeyer in Student Teaching and Professional Development to cover expenses in duplication of newsletter, postage, telephone and related communications.
225. Grant of \$115,331 from the Agency for International Development, Washington, D.C., to be used under the direction of C. S. Brembeck in the Institute for International Studies in Education to continue work on non-formal project.
226. Grant of \$35,504 from the Department of the Air Force, Washington, D.C., to be used under the direction of R. L. Kerber in Engineering Research for the continuation of theoretical research program on study of rotational nonequilibrium effects in pulsed chemical lasers.
227. Grant of \$12,252 from the Midwest Universities Consortium for International Activities, Inc. to be used under the direction of T. Manetsch in Engineering Research to explore emergency food policies for countries facing acute food shortage.
228. Grant of \$5,000 from Purdue University (Project SQUID), West Lafayette, Indiana, to be used under the direction of J. F. Foss in Engineering Research as additional funds for partial cost of purchase of argon laser.
229. Grant of \$76,900 from the National Science Foundation, Washington, D.C., to be used under the direction of R. C. Dubes and A. K. Jain in Engineering Research to investigate existence of optimal measurement complexity in several new situations involving dependent measurements and examine a strategy for solving the feature definition problem.
230. Grant of \$2,500 from the U.S. Department of Transportation, Washington, D.C., to be used under the direction of W. C. Taylor in Engineering Research as a fellowship grant to Glenn J. Bukoski.
231. Grant of \$5,000 from the U. S. Department of Transportation, Washington, D.C., to be used under the direction of W. C. Taylor in Engineering Research as a fellowship grant to Larry R. Brown.
232. Grant of \$85,941 from the U.S. Energy Research and Development Administration, Washington, D.C., to be used under the direction of J. Asmussen in Engineering Research to support study of wind energy application to small municipal electric systems and rural electric cooperatives.
- District
233. Grant of \$30,955 from the Wayne County Intermediate School, Detroit, to be used under the direction of J. B. Eulenberg in Engineering Research for equipment, supplies and personnel needed to strengthen the development of microcomputer-based communication aids and help carry out internal documentation and external dissemination of results of the program.
234. Grant of \$4,000 from the Exxon Education Foundation, Florham Park, New Jersey, to be used under the direction of M. H. Chetrick in Chemical Engineering as an unrestricted grant.
235. Grant of \$100 from John D. Babb, Jr., Pittsburgh, Pennsylvania, to be used under the direction of J. B. Eulenberg in Computer Science to support research in development of communication enhancement devices and systems for persons who experience communicative handicaps.
236. Grant of \$5,000 from the Fats and Proteins Research Foundation, Inc., Des Plaines, Illinois, to be used under the direction of D. R. Romsos in Food Science and Human Nutrition to determine metabolic influence of dietary fat.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

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237. Grant of \$21,600 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of D. R. Romsos in Food Science and Human Nutrition to study metabolic effects of diet and meal pattern.
238. Grant of \$9,500 from the U.S. Department of Agriculture, Beltsville, Maryland, to be used under the direction of M. R. Bennink in Food Science and Human Nutrition to determine vitamin B₁₂ and vitamin E content in raw and cooked beef.
239. Grant of \$59,717 from the U.S. Office of Education, Washington, D.C., to be used under the direction of N. A. Carlson in the Institute for Family and Child Study to provide a model comprehensive and cohesive multi-disciplinary approach to the integration and support of handicapped children and their families within a human ecological framework.
240. Grant of \$74,196 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of A. D. Hunt in the College of Human Medicine to support exploratory studies in cancer research.
241. Grant of \$465,251 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of A. D. Hunt in the College of Human Medicine to support a health professions capitation grant program.
242. Grant of \$5,000 from Gerber Products Company, Fremont, to be used under the direction of W. B. Weil, Jr. in Human Development to continue Gerber Scholar for Human Development award.
243. Grant of \$34,000 from the U.S. Department of Health, Education and Welfare, Washington, D.C., to be used under the direction of R. E. Helfer in Human Development for service project to determine reliability and validity of child rearing questionnaire.
244. Grant of \$40,487 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of A. F. Kohrman in Human Development to support a study of an alternate pathway for urea synthesis.
245. Grant of \$4,500 from the Statewide House Officers Training System, Ann Arbor, to be used under the direction of R. E. Helfer in Human Development for the development of a proposal for an ongoing assessment of pediatric residents.
246. Grant of \$18,775 from the Children's Leukemia Foundation of Michigan, Detroit, to be used under the direction of G. Tishkoff in Medicine to support leukapheresis program.
247. Grant of \$2,000 from the Sterling-Winthrop Research Institute, Rensselaer, New York, to be used under the direction of R. K. Ferguson in Medicine to promote investigational activities of clinical pharmacology program and support needs of investigators.
248. Grant of \$73,170 from the National Institute on Drug Abuse, Rockville, Maryland, to be used under the direction of R. H. Rech in Pharmacology to support interaction studies with stimulants and depressants in animals.
249. Grant of \$6,689 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of G. L. Gebber in Pharmacology to support study of central neural control of cardiovascular function.
250. Grant of \$7,782 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of J. B. Hook in Pharmacology to support study of the factors affecting renal physiology in the newborn.
251. Grant of \$63,254 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of K.E. Moore in Pharmacology to support study of the role of catecholamines in drug toxicity.
252. Grant of \$81,002 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of A. M. Michelakis in Pharmacology to support study of new vasoactive factors and their role in hypertension.
253. Grant of \$3,766 from the Pine Rest Christian Hospital Association, Bethesda, Maryland, to be used under the direction of N. B. Enzer in Psychiatry to support development of the psychiatric residency program.
254. Grant of \$179,650 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of E. J. Potchen in Radiology for the establishment of community based information network for studies of the control of colorectal carcinoma by means of identification of risk susceptibility patterns and identification of factors which lead to diagnostic delay in patients with known or suspected colorectal carcinoma.
255. Grant of \$98,920 from the American Cancer Society, New York, N.Y., to be used under the direction of E. D. Coppola in Surgery to establish the function of cells in Peyer's Patches in the IgA antibody responses and in cellular responses to tumor antigens.
256. Grant of \$20,000 from the Department of Public Health, Lansing, to be used under the direction of C. W. Given in Health Services Education and Research to design, implement and maintain ambulatory care record system to produce a statistical data system in at least two organizations which deliver primary care services within Michigan.

B. GIFTS AND GRANTS, continued

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Gifts and
Grants

257. Grant of \$3,000 from the Tri-County Heart Unit, Lansing, to be used under the direction of J. Papsidero in Health Services Education and Research to support survey of physical fitness needs in Lansing area.
258. Grant of \$1,200 from the Dow Chemical Company, Midland, to be used under the direction of R. Baker in Biochemistry as an unrestricted grant.
259. Grant of \$17,500 from the International Nickel Company, Inc., New York, N.Y., to be used under the direction of B. Rosenberg in Biophysics to support research on anti-cancer activities of the platinum metal group complexes.
260. Grant of \$90,758 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. T. Tien in Biophysics to support study of bimolecular lip membranes.
261. Grant of \$20,973 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of K. Nadler in Botany and Plant Pathology to support studies of heme and hemoglobin synthesis in soybean root nodules, the role of calcium in IAA-induced acidification, and studies on ALA biosynthesis in greening leaves.
262. Grant of \$2,500 from the National Science Foundation, Washington, D.C., to be used under the direction of W. Drew in Botany and Plant Pathology to support study of productivity and nutrient cycling in secondary succession of shifting agricultural lands to dry evergreen forest, Thailand.
263. Grant of \$24,000 from the American Chemical Society to be used under the direction of R. H. Grubbs in Chemistry to support study of metal catalyzed olefin metathesis reaction.
264. Grant of \$5,000 from the Dow Chemical Company, Midland, to be used under the direction of R. H. Grubbs in Chemistry as an unrestricted grant.
265. Grant of \$6,000 from the Gulf Oil Foundation to be used under the direction of G. J. Karabatsos in Chemistry to be used as an unrestricted grant.
266. Grant of \$42,338 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. H. Reusch in Chemistry to support study of approaches to structurally modified steroids.
267. Grant of \$71,932 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. Hart in Chemistry to support studies in organic synthesis.
268. Grant of \$30,195 from the U.S. Department of Agriculture, Washington, D.C., to be used under the direction of R. Carde in Entomology to support study of optical chemistry of the gypsy moth sex pheromone and the male responses to enantiomers and combinations.
269. Grant of \$1,000 from the Hunt Energy Corporation, Dallas, Texas, to be used under the direction of R. W. Cambray in Geology as two \$500 educational aids to be awarded to first or second year teaching assistants who are working towards their master's degrees.
270. Grant of \$12,500 from the National Science Foundation, Washington, D.C., to be used under the direction of K. W. Kwun in Mathematics to support study of problems in manifolds.
271. Grant of \$14,500 from the National Science Foundation, Washington, D.C., to be used under the direction of S. N. Chow in Mathematics to support study of bifurcations and differential equations.
272. Grant of \$9,288 from the National Institutes of Health, Washington, D.C., to be used under the direction of H. L. Sadoff in Microbiology and Public Health to support research training in general microbiology.
273. Grant of \$2,500 from the Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of R. Costilow in Microbiology and Public Health to support research on purging system for commercial use with natural fermentations.
274. Grant of \$15,400 from the National Science Foundation, Washington, D.C., to be used under the direction of M. A. Abolins and G. A. Smith, in Physics to support studies of high energy interaction.
275. Grant of \$3,000 from Yale University, New Haven, Connecticut, to be used under the direction of M. F. Thorpe in Physics to support study of theory of amorphous solids and other disordered materials.
276. Grant of \$300,000 from the National Science Foundation, Washington, D.C., to be used under the direction of H. G. Blosser in Cyclotron Laboratory for the completion of prototype superconducting magnet for 500 MeV cyclotron.
277. Grant of \$2,500 from the National Science Foundation to be used under the direction of W. L. Frantz in Physiology to support study of chemistry of the prolactin receptor.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

September 24, 1976

278. Grant of \$12,600 from the National Science Foundation, Washington, D.C., to be used under the direction of E. Seiden in Statistics and Probability to support study of some problems in mathematical theory of design of experiments and their applications.
279. Grant of \$42,214 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of J. H. Asher in Zoology to support study of genetic and molecular analysis of mesodermal induction.
280. Grant of \$86,883 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of J. D. Curtis in Nursing to support a study related to admission, counseling, program planning and instruction of minority students who have indicated an interest in nursing as a profession.
281. Grant of \$6,625 from the U. S. Public Health Service, Chicago, Illinois, to be used under the direction of L. Brouillette in Nursing for a workshop for improvement of Public Health Nursing Practice.
282. Grant of \$18,402 from the U. S. Public Health Service, Bethesda, Maryland, to be used under the direction of I. K. Payne in Nursing to support a professional nurse trainee-ship program.
283. Grant of \$73,931 from the Academy of Natural Science, Philadelphia, Pennsylvania, to be used under the direction of K. W. Cummins in the Kellogg Biological Station to support a study of the river continuum: strategies of biological systems for maintaining a quasi-equilibrium of energy flow.
284. Grant of \$6,875 from the National Institutes of Health, Washington, D.C., to be used under the direction of C.P. Wolk in the MSU/ERDA Plant Research Laboratory to support a study of isolation of pattern mutants in blue-green algae.
285. Grant of \$1,859,000 from the U.S. Energy Research and Development Administration, Washington, D.C., to be used under the direction of A. Lang in the MSU/ERDA Plant Research Laboratory for research and training at graduate and postdoctoral level in experimental plant biology.
286. Grant of \$21,519 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of P. Gerhardt in the Dean's Office, College of Osteopathic Medicine, to strengthen, balance and stabilize PHS-supported biomedical research programs, enhance creativity, encourage innovation and provide for support of pilot studies.
287. Grant of \$76,734 from the U.S. Public Health Services, NIH, Bethesda, Maryland, to be used under the direction of N. T. Bell in the Dean's Office, College of Osteopathic Medicine to support a program to educate primary care physicians to assume faculty roles.
288. Grant of \$108,238 from the U.S. Public Health Service, NIH, Bethesda, Maryland, to be used under the direction of M. S. Magan in the Dean's Office, College of Osteopathic Medicine to identify and increase minority applicants and provide academic/counseling support services for minority student matriculants.
289. Grant of \$5,872.50 from the Michigan Department of Corrections, Lansing, to be used under the direction of M. S. Magen in the Dean's Office, College of Osteopathic Medicine as an unrestricted grant.
290. Grant of \$400,612 from the U. S. Public Health Service, NIH, Bethesda, Maryland, to be used under the direction of M. S. Magen in the Dean's Office, College of Osteopathic Medicine to support health professions capitation grant program.
291. Grant of \$10,800 from the Ashland Oil, Inc., Columbus, Ohio, to be used under the direction of J. J. Kabara in Biomechanics to support a study of aminimides as anti-microbial agents.
292. Grant of \$35,100 from the Department of Health, Education and Welfare, Bethesda, Maryland, to be used under the direction of I. M. Korr in Biomechanics to support workshops on biological basis of manipulative therapy.
293. Grant of \$187,495 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. Gerard, Family Practice; and L. Bunnell, Family Medicine to support training in interdisciplinary team approach to delivery of health care services.
294. Grant of \$135,000 from the American Cancer Society, Inc., New York, N.Y., to be used under the direction of H. C. Miller in Microbiology and Public Health to support a study of functional diversity of differentiating lymphocytes.
295. Grant of \$62,770 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. C. Miller in Microbiology and Public Health to support study of immunogenesis from bone-marrow cells.
296. Grant of \$71,000 from the National Science Foundation, Washington, D.C., to be used under the direction of P. Gerhardt in Microbiology and Public Health to support study of the application of membrane technology to the conversion of waste products into enriched feedstuff by continuous nonaseptic fermentation.

B. GIFTS AND GRANTS, continued

September 24, 1976

Gifts and
Grants

297. Grant of \$44,937 from the National Institutes of Health, Rockville, Maryland, to be used under the direction of A. Werner in Psychiatry to support undergraduate psychiatry.
298. Grant of \$7,363 from the National Institutes of Health, Washington, D.C., to be used under the direction of K. David in Anthropology to support research primary sources of the historical background re changing identities in South Asia.
299. Grant of \$21,187 from the National Institutes of Health, Washington, D.C., to be used under the direction of S. H. Brandes in Anthropology to determine the influence of nuptiality patterns on fertility levels in a Spanish agro-town.
300. Grant of \$11,846 from the U.S. Office of Education to be used under the direction of C. Sargent in Anthropology to support the study of midwifery and maternity health care in Dahomey.
301. Grant of \$7,950 from the Arizona State University, Tempe, Arizona, to be used under the direction of L. M. Sommers in Geography for fellowships in three cooperating departments in NSF supported program entitled "Spatial Analysis of Land Use."
302. Grant of \$9,700 from the National Science Foundation, Washington, D.C., to be used under the direction of D. Brunnenschweiler in Geography to purchase equipment and materials for further improvement of remote sensing teaching program.
303. Grant of \$100 from Dr. & Mrs. Lawrence A. Messe, East Lansing, to be used under the direction of G. Stollak in Psychology to support child psychotherapy research.
304. Grant of \$25,353 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of E. H. Jacobson in Psychology as a social psychology training grant.
305. Grant of \$60,400 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of L. J. Harris in Psychology as an experimental-general psychology training grant.
306. Grant of \$152,401 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of D. L. Grummon in Psychology as a clinical training grant.
307. Grant of \$118.24 from Northwestern University, Evanston, Illinois, to be used under the direction of R. Calsyn in Psychology to support studies on self-esteem and academic achievement.
308. Grant of \$400 from Santo F. Camilleri, Okemos, to be used under the direction of J. W. Artis in Sociology as an unrestricted grant.
309. Grant of \$61 from the Capital Area United Way, Inc., Lansing, to be used under the direction of P. M. Marcus in Sociology to complete final report on United Way opinion survey of Lansing area residents.
310. Grant of \$7,000 from the Michigan Department of State Police, East Lansing, to be used under the direction of J. H. McNamara in Criminal Justice to conduct preliminary evaluation of performance of female troopers in State Police Department.
311. Grant of \$24,996 from the U.S. Department of Labor, Bureau of Labor Statistics, Washington, D.C., to be used under the direction of S. M. Director and D. H. Kruger in Labor and Industrial Relations to investigate Occupational Safety and Health Act record keeping with respect to migrant farm workers.
312. Grant of \$45,647 from the Michigan Department of Social Services, Lansing, to be used under the direction of J. P. Miller, Jr. in Social Work for traineeships for Social Work Education in provision of Adult Protective Services and Family Unit Support.
313. Grant of \$60,340 from the Social and Rehabilitation Service, HEW, Chicago, Illinois, to be used under the direction of J. P. Miller, Jr. in Social Work for graduate training in social and rehabilitation service.
314. Grant of \$200 from Herbert Bergman, East Lansing, to be used under the direction of B. F. Engel in American Thought and Language to support studies in American Culture.
315. Grant of \$18,510 from the Martin Luther King, Jr. Center for Social Change, Atlanta, Georgia, to be used under the direction of M. C. Jackson, Jr. in the Center for Urban Affairs to provide administrative management assistance to the Martin Luther King, Jr. Center for Social Change in the further development of their program.
316. Grant of \$15,000 from the Rockefeller Foundation, New York City, N.Y., to be used under the direction of R. L. Green in Urban Development to support study of strategies relation to successful implementation of school desegregation: education, legal and media implications.
317. Grant of \$250,326 from the Department of Health, Education and Welfare, Bethesda, Maryland, to be used under the direction of J. R. Welser in the Dean's Office, College of Veterinary Medicine to support the health professions capitation grant program.

Gifts and
GrantsB. GIFTS AND GRANTS, continued

September 24, 1976

318. Grant of \$200 from Irving Leitner, Skokie, Illinois, to be used under the direction of U. V. Mostosky in the College of Veterinary Medicine for research.
319. Grant of \$148.93 from the Veterinary Class of 1976, East Lansing, to be used under the direction of J. R. Welser in the Dean's Office, College of Veterinary Medicine for books and periodicals for the Veterinary Medicine reading room.
320. Grant of \$100 from Western Michigan Veterinary Medicine Auxiliary, Cedar Springs, to be used under the direction of J. R. Welser in the Dean's Office, College of Veterinary Medicine for books and periodicals for Veterinary Medicine reading room.
321. Grant of \$200 from the Women's Auxiliary to the Michigan V.M.A., Jenison, to be used under the direction of J. R. Welser in the Dean's Office, College of Veterinary Medicine for books and periodicals for the Veterinary Medicine reading room.
322. Grant of \$100 from the Women's Auxiliary to the Michigan V.M.A., Jenison, to be used under the direction of J. R. Welser in the Dean's Office, College of Veterinary Medicine for Veterinary Medicine Student Loan Fund.
323. Grant of \$54,050 from the American Cancer Society, Inc., New York, N.Y., to be used under the direction of C. W. Welsch in Anatomy to support the study of the role of prolactin in human breast cancerigensis.
324. Grant of \$68,011 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of L. F. Velicer in Microbiology and Public Health to support the study of molecular biology of RNA cancer viruses.
325. Grant of \$75,000 from the USDA Veterinary Services, Animal and Plant Health Inspection Service, Hyattsville, Maryland, to be used under the direction of N. B. McCullough in Microbiology and Public Health to support study of brucellosis-cell-mediated immunity.
326. Grant of \$98,500 from the USDA Veterinary Services, Animal and Plant Health Inspection Service, Hyattsville, Maryland, to be used under the direction of N. B. McCullough in Microbiology and Public Health a support grant for brucellosis - facilities renewal and improvement.
327. Grant of \$5,000 from the Eli Lilly Company, Indianapolis, Indiana, to be used under the direction of T. M. Brody in Pharmacology as a fellowship for Stuart Z. Cagan.
328. Grant of \$3,000 from the U. S. Public Health Service to be used under the direction of R. A. Bernard and W. J. Dalzell in Physiology as a fellowship institution allowance.
329. Grant of \$1,464 from Parke-Davis and Company, Ann Arbor, to be used under the direction of G. H. Conner in Large Animal Surgery and Medicine to study rate of excretion of "Arquel" in horse urine.
330. Grant of \$9,655.97 from the Travenol Laboratories, Inc., Deerfield, Illinois, to be used under the direction of D. C. Sawyer in Small Animal Husbandry and Medicine to support a study of subacute toxicity of sevoflurane and halothane.
331. Grant of \$7,020 from the Ford Foundation, Princeton, New Jersey, to be used under the direction of H. J. Oyer in the Graduate School to cover cost of tuition and fees for four fellows.
332. Grant of \$103,300 from the National Science Foundation, Washington, D.C., to be used under the direction of H. J. Oyer in the Graduate School as support for new and continuing fellowships.
333. Grant of \$54,693 from the U.S. Office of Education, HEW, Washington, D.C., to be used under the direction of H. J. Oyer in the Graduate School as foreign language and area studies fellowships.
334. Grant of \$10,000 from the Michigan Office of Highway Safety Planning, Lansing, to be used under the direction of A. H. Koert in the Highway Traffic Safety Center to raise level of expertise of paraprofessionals in traffic engineering field through conduct of basic courses and an advanced course in five locations in Michigan.
335. Grant of \$1,000 from the Midwest Universities Consortium for International Activities, East Lansing, to be used under the direction of M. L. Esmay in International Studies and Programs for travel by participants from other universities to the Rural Development Seminar at MSU June 20 through July 2, 1976.
336. Grant of \$7,408 from ACTION, Washington, D.C., to be used under the direction of J.M. Hunter in the African Studies Center/International Studies Center to support African-related recruitment activities.
337. Grant of \$110.45 from the Midwest Universities Consortium for International Activities, East Lansing, to be used under the direction of W. T. Ross and B. Gallin in Asian Studies Center as supplemental funds for exploratory travel to Pakistan and Taiwan.
338. Grant of \$3,930 from the Midwest Universities Consortium for International Activities, East Lansing, to be used under the direction of J. M. Hunter in Latin American Studies Center to cover expenses for exploratory travel to Venezuela by Drs. Thomas and Sommers.

B. GIFTS AND GRANTS, continued

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Gifts and
Grants

339. Grant of \$3,275 from the Midwest Universities Consortium for International Activities, East Lansing, to be used under the direction of J. M. Hunter in Latin American Studies Center to support study of the biology of the Paca in Colombia.
340. Grant of \$1,000 from Mr. and Mrs. Andrew Hunter Whiteford, Beloit, Wisconsin, to be used under the direction of J. M. Hunter in the Latin American Studies Center for the expansion and enhancement of monograph on Popayan to be published by the Latin American Studies Center.
341. Grant of \$71,643.74 from the National Iranian Radio Television, Tehran, Iran, to be used under the direction of M. A. Issari in Instructional Media Center to produce series of instructional films on Iran.
342. Grant of \$20,000 from the U.S. Office of Education to be used under the direction of S. Chatterjee in the Instructional Media Center to purchase audiovisual equipment and instructional materials for use in undergraduate instruction.
343. Grant of \$100 from Mark W. Harrold, East Lansing, to be used under the direction of R. Estell in Radio Broadcasting to support program activities of WKAR-Radio.
344. Grant of \$433 from various donors to be used under the direction of R. Estell in Radio Broadcasting for the operation of subchannel service for blind and physically handicapped.
345. Grant of \$4,875 from the Corporation for Public Broadcasting, Washington, D.C., to be used under the direction of R. Estell ^{in Radio Broadcasting} to increase quality and scope of public radio services available to mid-Michigan community through WKAR-FM.
346. Grant of \$4,875 from the Corporation for Public Broadcasting, Washington, D.C., to be used under the direction of R. Estell in Radio Broadcasting to increase quality and scope of public radio services available to mid-Michigan community through WKAR-AM.
347. Grant of \$141,320 from the Corporation for Public Broadcasting, Washington, D.C., to be used under the direction of R. D. Page in TV Broadcasting as a 1976 Community Service grant.
348. Grant of \$1,195 from the Flint Institute of Music, Inc., Flint, to be used under the direction of R. D. Page in TV Broadcasting to underwrite program "Evening at Symphony" series.
349. Grant of \$450 from the Central Educational Network, Chicago, Illinois, to be used under the direction of R. D. Page in TV Broadcasting to support program activities at WKAR-TV.
350. Grant of \$200 from Mark W. Harrold, East Lansing, to be used under the direction of R. D. Page in TV Broadcasting to support program activities at WKAR-TV.
351. Grant of \$1,000 from Jacobson's, Jackson, to be used under the direction of R. D. Page in TV Broadcasting to support program activities at WKAR-TV.
352. Grant of \$200 from the Professional Compensation Group, Inc., East Lansing, to be used under the direction of R. D. Page in TV Broadcasting to support program activities at WKAR-TV.
353. Grant of \$10,000 from the National Endowment for the Arts to be used under the direction of C. K. Dewhurst in the Museum to support the Contemporary Michigan Folk Art project.
354. Grant of \$10,000 from the National Park Service/USDI to be used under the direction of C. E. Cleland in the Museum for manuscript on "The Completion of a Report on the Archaeology and Ethnohistory of Fort Vancouver."
355. Grant of \$2,000 from the Tippecanoe County Historical Association, Lafayette, Indiana, to be used under the direction of C. E. Cleland in the Museum for the continuation of research on Quitatenon project.
356. Grant of \$2.75 from Jesse Gonzales, East Lansing, to be used under the direction of J. B. Hamilton in the Office of Special Programs for the Detroit Project Alumni Club.
357. Grant of \$19,754 from the U.S. Office of Education, HEW, Chicago, Illinois, to be used under the direction of J. B. Hamilton in the Office of Special Programs to provide services for disadvantaged and physically handicapped students.
358. Grant of \$148 from various donors to be used under the direction of J. B. Hamilton in the Office of Special Programs to promote and facilitate creation of an accessible and usable environment at MSU which will accommodate equality of opportunity for student handicappers in such areas as education, housing and recreation.
359. Grant of \$3,930 from the U.S. Office of Education, Washington, D.C., to be used under the direction of R. E. Chapin in the Libraries to purchase library material.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

September 24, 1976

360. Grant of \$103.50 from the Mason Abbot Student Association, East Lansing, to be used under the direction of M. Baron in Campus Park and Planning to purchase a tree to be purchased and planted in memory of Stephen Hull and Ira Labensky.
361. Grant of \$894.60 from J. Frank Schmidt and Son Company, Boring, Oregon, to be used under the direction of M. Baron in the Division of Campus Park and Planning for experimentation, selection, and dissemination of superior horticultural plants at Hidden Lake Gardens.
362. Grant of \$14,270 from the Office of Water Research and Technology, U. S. Department of Interior, Washington, D.C., to be used under the direction of T. G. Bahr in the Institute of Water Research to support study of the utilization of dissolved organic carbon by heterotrophic bacteria and protozoa.
363. Grant of \$27,490 from the Office of Water Research and Technology, U.S. Department of Interior, Washington, D.C., to be used under the direction of T. G. Bahr in the Institute of Water Research as a transition quarter allotment grant.
364. Grant of \$750 from the State of Michigan - Riverside Center, Ionia, to be used under the direction of C. L. Williams in the Counseling Center for instruction to social worker in techniques of family counseling.
365. Grant of \$52.45 from various donors to be used under the direction of G. Williams in the Counseling Center to maintain current research program in Operant and Social Learning Theory and also to facilitate the development of new programs.
366. Grant of \$1,816,486 from the Department of Health, Education and Welfare, Washington, D.C., to be used under the direction of H. C. Dykema in Financial Aids to employ needy students under College Work-Study Program.
367. Grant of \$25,630 from the English Language Education Council, Inc., to be used under the direction of M. G. Williams in the English Language Center to increase English language facility of 55 Japanese teachers, businessmen and students and to familiarize them with American culture.

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

Bids and
Contract AwardsC. BIDS AND CONTRACT AWARDS

Bid for Clinical Sciences instructional television system rejected; to be rebid

1. Bids were received on August 12, 1976 for the Clinical Sciences Instructional Television System. The Cruse Communications Company submitted the only bid totaling \$123,860, which exceeds the funds available for construction of this phase of the project.

Upon examination of the bid and voluntary alternates as well as re-examination of the project, it is the opinion of the staff that modifications can be further made in equipment specifications which will bring this project within the funds available and most likely will result in the receipt of more than one bid, resulting in competitive prices. Consequently, it is the recommendation of the staff that the bid be rejected and that the specifications be reviewed and rebidding be received by the University for this project.

RESOLVED that the above recommendation be approved.

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

Other Items for
ActionD. OTHER ITEMS FOR ACTION

Dorothy Damm, Bertha Wahlen, and Mechanical Engr. Endowment Funds to be funds functioning as endowments

1. Upon review of selected endowment funds, it was determined by the fiscal office and the audit staff that the following two funds should be more appropriately classified as funds functioning as endowments rather than endowment funds. In both instances, the designated purpose of the funds was determined by the University rather than the donors.

It is recommended that the Dorothy Damm and Bertha Wahlen Scholarship Fund and the Mechanical Engineering Endowment Fund be classified as funds functioning as an endowment.

RESOLVED that the above recommendation be approved.

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

Social Work - St. Lawrence Hospital affiliation agreement approved

2. In keeping with previously established policies and procedures, the College of Social Science has requested approval of an affiliation agreement between the University and the St. Lawrence Hospital for the development of teaching programs in social work.

The agreement is essentially the same as prior agreements with other hospitals executed by the Colleges of Human and Osteopathic Medicine. It has been examined by the Office of the Dean, College of Social Science, by the Office of the Provost,

-- continued --

D. OTHER ITEMS FOR ACTION, continued

September 24, 1976

Other Items for
Action

2. School of Social Work - St. Lawrence Hospital Affiliation Agreement, cont.

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, School of Social Work, and the St. Lawrence Hospital Community Mental Health Center be approved.

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

3. It is recommended that the Board of Trustees grant to Meridian Township a meandering easement ranging from 5 to 20 feet on its Dobie Road property for the purpose of allowing Meridian Township to construct a bicycle path.

Easement on
Dobie Road
property granted
to Meridian
Township

RESOLVED that the easement be granted to Meridian Township as recommended.

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

4. In accordance with the guidelines adopted at the July 30, 1976 Board meeting, the following 1976-77 budgets are recommended for approval.

1976-77 budgets
approved

A. UNIVERSITY GENERAL

<u>Estimated Revenues</u>		<u>Estimated Expenditures</u>	
State Appropriation	\$ 89,752,925	Salaries	\$100,950,679
Federal Funds:		Labor	10,214,294
Morrill-Nelson	250,000	Supplies & Services	30,736,630
University Funds:		Equipment	2,690,197
Student Fees	\$44,198,875		
Application Fees	540,000		
Departmental Receipts	1,500,000		
Interest Income	1,200,000		
Recovery on Research			
Contracts	5,200,000		
Equity	1,950,000		
	<u>54,588,875</u>		
	<u>\$144,591,800</u>		<u>\$144,591,800</u>

B. COOPERATIVE EXTENSION SERVICE

<u>Estimated Revenues</u>		<u>Estimated Expenditures</u>	
Federal:		Salaries	\$ 9,389,379
Smith-Lever Amended		Fringe Benefits	<u>1,640,000</u> \$11,029,379
(Required matching)	\$ 4,056,928		
Federal Retirement	482,516	Travel & Maintenance	2,459,680
Nutrition Education	1,505,209		
Rural Development	42,727		
Farm Safety	<u>20,000</u>		
	6,107,380		
State Appropriations	7,034,600		
County	<u>374,079</u>		
	<u>\$13,489,059</u>		<u>\$13,489,059</u>

C. AGRICULTURAL EXPERIMENT STATION

<u>Estimated Revenues</u>		<u>Estimated Expenditures</u>	
Federal Grants:		Salaries	\$ 6,625,674
Hatch		Fringe Benefits	<u>1,030,000</u> \$ 7,655,674
(Requires matching)	\$2,078,032		
Hatch R.R.F.		Project Expense	2,558,861
(Requires matching)	444,412		
McIntire-Stennis			
(Requires matching)	94,489		
Rural Development			
Title V	<u>42,727</u>		
	\$ 2,659,660		

-- continued --

Other Items for Action
1976-77 budgets, cont.

- D. OTHER ITEMS FOR ACTION, continued
4. 1976-77 Budgets, cont.
- C. AGRICULTURAL EXPERIMENT STATION, cont.

September 24, 1976

Estimated Revenues		Estimated Expenditures
State Appropriations:		
Regular State	\$6,237,420	
Field Crop Research:		
Bean & Beet	73,019	
Soft White Winter		
Wheat	68,429	
Sod Research	31,931	
Horticulture Crop		
Research:		
Vegetable & Fruit	109,417	
Extending Peach Tree		
Life	21,963	
Weather Adaptability	32,796	
Livestock Research:		
Livestock Production	45,677	
Beef Cattle Forage	68,504	
Cattle & Swine		
Infertility	68,504	
Calf Mortality	45,677	
Pest Control:		
Pesticide Research	456,278	
Control of Fruit Pests	54,758	
Accelerated Tree Growth		
& Nursery Stock	68,429	
Rural & Community		
Development	34,647	
Municipal & Agri-		
cultural Wastes	127,678	
Highway Tree Project	9,748	
	7,554,875	
	\$10,214,535	\$10,214,535

D. INTERCOLLEGIATE ATHLETICS

Authorized Expenditures \$3,313,538

RESOLVED that the 1976-77 General Fund, Cooperative Extension Service, Agricultural Experiment Station, and Intercollegiate Athletics budgets be approved as submitted.

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

Approval faculty salaries effective Oct. 1, 1976

5. Faculty salaries were developed following the budget guidelines. Provost Boger recommends that the faculty salaries as shown on the lists submitted to the Trustees be approved effective October 1, 1976.

RESOLVED that the faculty salaries effective October 1, 1976 unless otherwise noted be approved as recommended.

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

Approval Administrative-Professional salaries effective Oct. 1, 1976

6. Administrative-Professional salaries were developed following the budget guidelines. Executive Vice President Breslin recommends that the Administrative-Professional salaries as shown on the lists submitted to the Trustees be approved effective October 1, 1976.

RESOLVED that the Administrative-Professional salaries effective October 1, 1976 be approved as recommended.

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

Revised pay schedule for teaching off-campus credit courses approved

7. In 1973 the Trustees approved a pay schedule for persons teaching off-campus credit courses based upon the average pay by rank per contact hour for on-campus instruction. Those rates have not been adjusted since they went into effect on September 1, 1973.

The 1976-77 budget guidelines and off-campus fee schedule contemplated a moderate adjustment in these rates as outlined below:

A. MSU Academic and Administrative Faculty

Rank	Rate Since September 1, 1973	Proposed 1976-77 Rate
Professor	\$46.80	\$49.50
Associate Professor	35.10	37.00
Assistant Professor	29.50	31.00
Instructor	25.00	26.25
Other	25.00	26.25

D. OTHER ITEMS FOR ACTION, continued

September 24, 1976

Other Items
for Action7. Pay Schedule for Off-Campus Credit Instruction, cont.B. Non-MSU Faculty

<u>Rank</u>	<u>Rate Since September 1, 1973</u>	<u>Proposed 1976-77 Rate</u>
Senior Lecturer	\$25.00	\$26.75
Lecturer	20.00	21.00

The proposed increases average slightly over the overall guidelines which the Board approved on July 30, but will be the first increase granted in this area for three years.


RESOLVED that the pay schedule for off-campus instruction, as previously recommended, be approved, effective September 1976.

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

Adjourned.

Minutes of the September 24 Executive Session will be found on page 8922-A.


President


Secretary

MINUTES OF THE MEETING
of the
MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
October 15, 1976

Present: Trustees Bruff, Carrigan, Huff, Krolikowski, Martin, Radcliffe, Stack and Stevens; President Wharton, Provost Boger, Executive Vice President Breslin, Vice President Wilkinson, Secretary Ballard, Vice Presidents Cantlon, Nonnamaker, Perrin, and Scott, Attorney Carr.

Absent: No one.

The Board convened in the Board Room at 9:11 a.m., President Wharton presiding.

1. President Wharton proposed three additional items for the agenda:

- D. 8. Public Works Application List and Architects Selection for Public Works Program Application.
- D. 9. Proposal C Resolution
- D. 10. Senator Philip A. Hart Resolution.

On motion by Trustee Carrigan, seconded by Trustee Stack, it was unanimously voted to approve the agenda, including the three additions.

2. Motion was made by Trustee Huff, seconded by Trustee Carrigan to approve the September 24, 1976 minutes. Unanimously carried.

During the meeting President Wharton reported on actions taken in the September 24 Executive Session which included several confidential personnel items, Honorary Alumni selections, the naming of the Clinical Center, approval of a NSF proposal which involved competitive information which could not be released, and an item which was tabled and referred back to the October session.