

MINUTES OF THE MEETING  
of the  
MICHIGAN STATE UNIVERSITY  
BOARD OF TRUSTEES  
June 23-24, 1977

President Wharton called the meeting to order in the Lincoln Room, Kellogg Center, at 2:45 p.m., June 23.

Present: Trustees Carrigan, Bruff, Stack, and Stevens; all University officers (Associate Provost Winder for Provost Boger); Faculty Liaison Group; Student Liaison Group.

Absent: Trustees Krolikowski, Martin, Radcliffe, and Smydra.

President Wharton suggested that the Board proceed informally in the absence of a quorum and called upon Trustee Bruff to introduce his invited guests. Trustee Bruff introduced Ms. Jeanne Hawley, Chairperson of the Agricultural Committee of the Michigan Democratic Party. Ms. Hawley introduced members of her committee.

Presentation  
on College of  
Agr. & Nat.  
Res.

President Wharton then introduced Dean J. H. Anderson of the College of Agriculture and Natural Resources. Following Dean Anderson's introductory remarks, Drs. David Armstrong, Sylvan Wittwer, and Fred Peabody gave presentations on the college's academic programs, the Agricultural Experiment Station, and the Cooperative Extension Service, respectively.

Trustees Radcliffe and Martin arrived during the presentations by representatives of the College of Agriculture and Natural Resources, enabling the President to formally call the meeting to order.

1. On motion by Trustee Carrigan, seconded by Trustee Bruff, it was unanimously voted to approve the agenda, excluding item D. 10, Updating and Amendment of Board Bylaws.

2. Motion was made by Trustee Carrigan, seconded by Trustee Radcliffe, to approve the minutes of the May 26-27 and June 3 meetings of the Board. Unanimously carried.

The Board then recessed for a tour of the Crop and Soil Sciences and Horticulture facilities in the College of Agriculture.

The Board reconvened in the Lincoln Room, Kellogg Center, at 7:45 p.m. for the Public Comments session.

Present: Trustees Carrigan, Bruff, Martin, Smydra, and Stevens; all University officers (Associate Provost Winder for Provost Boger); Faculty Liaison Group; Student Liaison Group.

Absent: Trustees Krolikowski, Radcliffe, and Stack.

No members of the public were present to address the Board.

Recessed. During the recess, the following Board committees met: Audit, Investment, and Land and Physical Facilities.

The Board reconvened on Friday, June 24, at 9:45 a.m. in the Board Room, Administration Building.

Present: Trustees Carrigan, Bruff, Martin, Smydra, Stack, and Stevens; all University officers (Associate Provost Winder for Provost Boger); Faculty Liaison Group; Student Liaison Group.

Absent: Trustee Krolikowski.

A. PERSONNEL CHANGES

Resignations

Resignations

1. Danny G. Fox, Professor, Animal Husbandry, July 31, 1977, to accept a position at Cornell University.
2. Roy A. Mecklenburg, Professor, Horticulture and Institute of Agricultural Technology, July 15, 1977, to accept a position at the Chicago Horticultural Society.
3. Elizabeth B. Daly, Extension Specialist, Resource Development, June 30, 1977, to enter private Business.
4. Mary A. Busby, Assistant Professor, Business Law and Office Administration, August 31, 1977, to be appointed in the tenure system.
5. Dorothy M. Mulkey, Assistant Professor, Medicine, and Assistant Dean, College of Human Medicine, June 30, 1977.
6. Lawrence Litt, Assistant Professor, Physics, August 31, 1977, to go to medical school in Florida.
7. Norma Jackson, Instructor, Nursing, August 31, 1977.

A. PERSONNEL CHANGES, cont.

June 23-24, 1977

Resignations, cont.

Resignations

8. James L. Phillips, Professor, Psychology; Social Science Research Bureau, and Director, Computer Institute for Social Science Research, August 31, 1977, to accept a position at Oklahoma State University.
9. Alfred E. Opubor, Associate Professor, Racial and Ethnic Studies and Communication, August 31, 1977.
10. Diane DePuydt, Specialist, Center for Urban Affairs; Urban and Metropolitan Studies; and Racial and Ethnic Studies, May 31, 1977, to accept employment elsewhere.
11. Edward M. McAleer, Instructor and Assistant Director, University Extension, Continuing Education Service, March 31, 1977, to continue graduate studies.

Leaves--SabbaticalSabbatical  
Leaves

1. Duane E. Ullrey, Professor, Animal Husbandry and Fisheries and Wildlife, with full pay, from April 1, 1978 through September 30, 1978, to study at the University of California at San Diego, San Diego Zoological Parks and in East Lansing.
2. Sam S. Baskett, Professor, English, with half pay, from September 1, 1977 through August 31, 1978, to study in London and Ankara.
3. Paul R. Duggan, Assistant Professor, History, with half pay, from September 1, 1977 through August 31, 1978, to study in the United States and Germany.
4. Barbara C. Steidle, Assistant Professor, History, with half pay, from January 1, 1978 through June 30, 1978, to study in East Lansing.
5. Theodore O. Johnson, Professor, Music, with full pay, from April 1, 1978 through June 30, 1978, to study in East Lansing.
6. Herbert Josephs, Professor, Romance and Classical Languages, with full pay, from April 1, 1978 through June 30, 1978, to study in Paris, France, or East Lansing.
7. Laurence M. Porter, Professor, Romance and Classical Languages, with half pay, from January 1, 1978 through December 31, 1978, to study in East Lansing.
8. William B. Tyrrell, Associate Professor, Romance and Classical Languages, with full pay, from April 1, 1978 through June 30, 1978, to study.
9. Edward W. Smykay, Professor, Marketing and Transportation Administration, with half pay, from September 1, 1977 through August 31, 1978, to study in Lansing and Chicago.
10. Paul Slocum, Associate Professor, Teacher Education, with full pay, from July 1, 1977 through December 31, 1977, to study at the MSU, University of Michigan, and State of Michigan libraries.
11. David K. Heenan, Professor and Associate Director, Institute for International Studies in Education, and Professor, Secondary Education and Curriculum, with full pay, from June 15, 1977 through September 14, 1977, to study in Michigan.
12. Floyd E. LeCureux, Assistant Professor, Computer Science and Engineering Instructional Service, with half pay, from September 1, 1977 through August 31, 1978, to study at the University of California, Sacramento.
13. William W. Wells, Professor, Biochemistry, with full pay, from November 1, 1977 to April 30, 1978, to study at the Baylor College of Medicine, Houston, Texas.
14. Christie G. Enke, Professor, Chemistry, with full pay, from April 1, 1977 through June 30, 1977, to study in East Lansing, Urbana, Illinois, San Francisco, Washington, D.C., Tucson, Arizona, and North Lafayette, Indiana.
15. George F. Bertsch, Professor, Physics, with half pay, from January 1, 1978 through June 30, 1978, to study at the Centre d' Etudes Nucleaire, Saclay, France.
16. Hugh McManus, Professor, Physics, with full pay, from September 1, 1978 through December 31, 1978, to study at CEN, Saclay, Theoretical Nuclear Physics Division, France.
17. Robert D. Spence, Professor, Physics, with half pay, from September 1, 1977 through August 31, 1978, for study and research.
18. Roy V. Erickson, Professor, Statistics and Probability, with half pay, from September 1, 1977 through August 31, 1978, for study and research at the University of Washington, Seattle.
19. James Hannan, Professor, Statistics and Probability, with half pay, from October 1, 1977 through March 31, 1978 for study and research in East Lansing and Ann Arbor.

A. PERSONNEL CHANGES, cont.

June 23-24, 1977

Leaves--Sabbatical, cont.

20. James P. Howard, Professor, Community Medicine, and Assistant Dean for Community Affairs, College of Osteopathic Medicine, with full pay, from July 1, 1977 through September 30, 1977, to study in Ghana and the United States.
21. David W. Rohde, Associate Professor, Political Science, with full pay, from October 1, 1977 through December 31, 1977, to study.
22. Donald L. Grummon, Professor, Psychology and the Counseling Center, with full pay, from October 1, 1977 through December 31, 1977, to study and write in East Lansing.
23. Marvin Zalman, Assistant Professor, Criminal Justice, with full pay, from January 1, 1978 through March 31, 1978, for study in the Research and Training Division, Michigan Supreme Court.
24. Jane S. Featherstone, Assistant Professor and Director of Comprehensive English, American Thought and Language, with full pay, from June 16, 1978 through September 15, 1978, to study and write in England and for research at the MSU Library.

Leaves--Medical

1. Linda L. Nierman, Extension Home Economist, Genesee County, with full pay, from May 16, 1977 through July 17, 1977.

Leaves--Other

1. Leo W. Dorr, County Extension Director, Genesee County, with full pay, from September 29, 1977 through March 31, 1978, to study at MSU.
2. Vernon L. Sorenson, Professor, Agricultural Economics, without pay, from June 1, 1977 through November 30, 1977, to serve as a consultant in the U.S. Department of Agriculture.
3. Denis Mickiewicz, Associate Professor, German and Russian, without pay, from January 1, 1978 through December 31, 1978, to study at the Russian Research Center, Harvard University.
4. William O. McCagg, Jr., Associate Professor, History, without pay, from September 1, 1977 through December 31, 1977, to study in Vienna, Austria and Salonika, Greece.
5. Robert A. Harris, Professor, Music, without pay, from September 1, 1977 through August 31, 1978, to serve as a Visiting Professor at Northwestern University.
6. Bruce L. Miller, Associate Professor, Philosophy, without pay, from July 1, 1977 through July 31, 1977, to serve as Assistant Director of an Institute on Law and Ethics at Williams College, Williams Town, Massachusetts.
7. Daniel W. Collins, Associate Professor, Accounting and Financial Administration, without pay, from September 1, 1977 through August 31, 1978, to serve as a Visiting Professor at the University of Iowa.
8. Victor E. Smith, Professor and Chairman, Economics, without pay, from July 1, 1977 through August 31, 1977 for research in East Lansing, Washington, D.C., and Africa.
9. James B. Beck, Professor, Mechanical Engineering, without pay, from July 1, 1977 through August 31, 1977, for research.
10. Robert W. Little, Professor and Chairman, Mechanical Engineering, and Professor, Metallurgy, Mechanics and Materials Science, without pay, from July 15, 1977 through August 31, 1977, for research at the Lawrence Livermore Laboratory, Livermore, California.
11. Eugene A. Dolanski, Assistant Professor, Human Development, without pay, from July 1, 1977 through June 30, 1978, to direct the neonatal unit at Sparrow Hospital.
12. Susan M. Simkin, Assistant Professor, Astronomy and Astrophysics, without pay, from September 1, 1977 through August 31, 1979, for study and research at the Mt. Stromlo Observatory, Canberra, A.C.T., Australia.
13. Joseph A. Sgro, Assistant Professor, Mathematics, without pay, from September 1, 1977 through August 31, 1978, to study at the Institute for Advanced Study, Princeton, New Jersey.
14. Kenneth J. Harrow, Associate Professor, Humanities, without pay, from September 1, 1977 through August 31, 1978, to teach as Senior Lecturer (Fulbright) at the Federal University of Cameroon.
15. George W. Logan, Assistant Professor, Urban and Metropolitan Studies, and Acting Director, Center for Urban Affairs, without pay, from September 1, 1977 through August 31, 1978, to study at Prairie View A & M, University of Texas.

Sabbatical  
LeavesMedical  
Leaves

Other Leaves

## A. PERSONNEL CHANGES, cont.

June 23-24, 1977

Transfers and Changes in Assignment

		Transfers and Changes in Assignment
1.	Transfer Thomas J. Jewett, Extension 4-H Youth Agent, from Iron and Dickinson Counties to At Large, effective May 1, 1977.	Thomas J. Jewett
2.	Additional assignment to the Institute of Agricultural Technology for Delbert L. Mokma, Assistant Professor, Crop and Soil Sciences, effective July 1, 1977.	Delbert L. Mokma
3.	Additional assignment as Acting Superintendent, University Farms, for Ronald H. Nelson, Professor and Chairman, Animal Husbandry, effective July 1, 1977.	Ronald H. Nelson
4.	Additional assignment as Associate Director, Michigan Sea Grant Program, for Niles R. Kevern, Professor and Chairman, Fisheries and Wildlife, effective April 1, 1977.	Niles R. Kevern
5.	Change William J. Callaghan from Professor and Chairman, Philosophy, at a salary of \$34,200 per year on a 12-month basis, to Professor, Philosophy, at a salary of \$27,360 per year on a 10-month basis, effective September 1, 1977.	William J. Callaghan
6.	Change Craig A. Staudenbaur from Professor, Philosophy, at a salary of \$21,320 per year on a 10-month basis, to Professor and Chairman, Philosophy, at a salary of \$27,850 per year on a 12-month basis, effective September 1, 1977.	Craig A. Staudenbaur
7.	Change William J. DeSua from Professor and Chairman, Romance and Classical Languages, at a salary of \$33,150 per year on a 12-month basis, to Professor, Romance and Classical Languages, at a salary of \$26,520 per year on a 10-month basis, effective September 1, 1977.	William J. DeSua
8.	Change Georges J. Joyaux from Professor, Romance and Classical Languages, at a salary of \$30,000 per year on a 10-month basis, to Professor and Chairman, Romance and Classical Languages, at a salary of \$38,700 per year on a 12-month basis, effective September 1, 1977.	Georges J. Joyaux
9.	Change Eugene F. Gray from Associate Professor and Assistant Chairman, Romance and Classical Languages at a salary of \$24,250 per year on a 12-month basis, to Associate Professor, Romance and Classical Languages, at a salary of \$19,400 per year on a 10-month basis, effective September 1, 1977.	Eugene F. Gray
10.	Change George P. Mansour from Professor, Romance and Classical Languages, at a salary of \$18,950 per year on a 10-month basis, to Professor and Assistant Chairman, Romance and Classical Languages, at a salary of \$23,688 per year on a 12-month basis, effective September 1, 1977.	George P. Mansour
11.	Change of assignment for Douglas M. Lambert, Assistant Professor, from Marketing and Transportation Administration and Accounting and Financial Administration, to Marketing and Transportation Administration only, effective September 1, 1977.	Douglas M. Lambert
12.	Change sabbatical leave dates for Donald J. Bowersox, Professor, Marketing and Transportation Administration, from January 1, 1978 through June 30, 1978, to January 1, 1979 through June 30, 1979.	Donald J. Bowersox
13.	Change sabbatical leave dates for Samuel S. Corl, Associate Professor, Secondary Education and Curriculum, from September 1, 1977 through August 31, 1978, to September 23, 1977 through August 31, 1978.	Samuel S. Corl
14.	Add assignment to the Division of Engineering Research, effective September 1, 1977 through August 31, 1979, for Jes Asmussen, Professor, Electrical Engineering and Systems Science.	Jes Asmussen
15.	Add assignment to the Division of Engineering Research, effective September 1, 1977 through August 31, 1979, for Robert F. Blanks, Associate Professor, Chemical Engineering.	Robert F. Blanks
16.	Add assignment to the Division of Engineering Research, effective September 1, 1977 through August 31, 1979 for James Brogan, Assistant Professor, Civil and Sanitary Engineering.	James Brogan
17.	Add assignment to the Division of Engineering Research, effective September 1, 1977 through August 31, 1979, for Martin C. Hawley, Professor, Chemical Engineering.	Martin C. Hawley
18.	Add assignment to the Division of Engineering Research effective September 1, 1977 through August 31, 1979, for Krishnamurthy Jayaraman, Assistant Professor, Chemical Engineering.	Krishnamurthy Jayaraman
19.	Add assignment to the Division of Engineering Research effective September 1, 1977 through August 31, 1979, for Francis X. McKelvey, Associate Professor, Civil and Sanitary Engineering.	Francis X. McKelvey
20.	Add assignment to the Division of Engineering Research, effective September 1, 1977 through August 31, 1979, for Marvin Siegel, Associate Professor, Electrical Engineering and Systems Science.	Marvin Siegel

## A. PERSONNEL CHANGES, cont.

June 23-24, 1977

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

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|-----------------------|---|
| Kun-Mu Chen           | 21. Discontinue assignment to the Division of Engineering Research, effective March 1, 1979, for Kun-Mu Chen, Professor, Electrical Engineering and Systems Science.  |
| Donald K. Anderson    | 21. Discontinue assignment to the Division of Engineering Research, effective July 1, 1977, for Donald K. Anderson, Professor and Chairman, Chemical Engineering, and Professor, Physiology.  |
| Roger K. Ferguson     | 22. Discontinue assignment as Director of Medical Residency Program, Department of Medicine, effective July 1, 1977, for Roger K. Ferguson, Associate Professor, Medicine and Pharmacology.   |
| Robert W. Little      | 23. Transfer Robert W. Little from Professor and Chairman, Mechanical Engineering, and Professor, Metallurgy, Mechanics and Materials Science, to Professor and Chairman, Biomechanics, and Professor, Metallurgy, Mechanics and Materials Science, effective September 1, 1977.  |
| Robert C. Trojanowicz | 24. Change Robert C. Trojanowicz as follows: <ul style="list-style-type: none"> <li>a. From Professor and Acting Director, Criminal Justice; and Assistant Dean for Continuing Education, College of Social Science, at a salary of \$26,300 per year on a 12-month basis, to Professor, Criminal Justice, and Assistant Dean for Academic Affairs, College of Social Science, at a salary of \$25,100 per year on a 12-month basis, effective September 1, 1977 through December 31, 1977;</li> <li>b. To Professor, Criminal Justice, at a salary of \$20,080 per year on a 10-month basis, effective January 1, 1978.</li> </ul> |
| Bernard Engel         | 25. Change Bernard Engel from Professor and Chairman, American Thought and Language, at a salary of \$33,550 per year on a 12-month basis, to Professor, American Thought and Language, at a salary of \$26,840 per year on a 10-month basis, effective October 1, 1977.  |
| Henry Silverman       | 26. Change Henry Silverman, Professor and Acting Chairman, American Thought and Language, from a 10-month basis at a salary of \$21,070 per year to a 12-month basis, at a salary of \$27,538 per year effective September 1, 1977, and change to Professor and Chairman, American Thought and Language, effective October 1, 1977.   |
| Philip R. Smith       | 27. Add assignment as Assistant Chairman, Department of Social Science, for Philip R. Smith, Associate Professor, Department of Social Science, effective September 1, 1977.  |
| John C. Thrush        | 28. Discontinue assignment as Assistant Chairman, Department of Social Science, for John C. Thrush, Instructor, Department of Social Science, effective September 1, 1977.  |
| James M. Elliott      | 29. Change James M. Elliott from Professor and Director, University College Residence Hall Instruction and University College Student Affairs, to Professor and Director, University College Student Affairs and Residence Hall Instruction, effective July 1, 1977.  |
| Thomas Kishler        | 30. Change Thomas Kishler from Professor and Director, University College Residence Hall Instruction and University College Student Affairs, to Professor and Director, University College Student Affairs and Residence Hall Instruction, effective July 1, 1977.  |
| Charles Scarborough   | 31. Change Charles Scarborough from Associate Professor and Director, University College Residence Hall Instruction and University College Student Affairs, to Associate Professor and Director, University College Student Affairs and Residence Hall Instruction, effective July 1, 1977.   |
| L. Eudora Pettigrew   | 32. Change L. Eudora Pettigrew from Professor and Acting Chairman to Professor and Chairman, Urban and Metropolitan Studies, with an increase in salary to \$31,500 per year on a 12-month basis, effective July 1, 1977.   |
| Donald R. Howard      | 33. Promote Donald R. Howard from Associate Professor to Professor, Small Animal Surgery and Medicine, and transfer from Academic Administrative Intern, Provost's Office, to Assistant Dean, College of Veterinary Medicine, with an increase in salary to \$30,600 per year on a 12-month basis, effective July 1, 1977.  |
| Patrick K. Cusick     | 34. Change of assignment for Patrick K. Cusick, Assistant Professor, from Pathology and Dean's Office, College of Veterinary Medicine, to Pathology and Animal Health Diagnostic Laboratory, effective July 1, 1977.  |
| Albert W. Dade        | 35. Add assignment to the Animal Health Diagnostic Laboratory for Albert W. Dade, Associate Professor, Pathology, effective July 1, 1977.   |
| David J. Ellis        | 36. Change of assignment for David J. Ellis, Professor, from Large Animal Surgery and Medicine, and Dean's Office, College of Veterinary Medicine, to Large Animal Surgery and Medicine and Animal Health Diagnostic Laboratory, effective July 1, 1977.  |
| Robert F. Langham     | 37. Add assignment to the Animal Health Diagnostic Laboratory for Robert F. Langham, Professor, Pathology, effective July 1, 1977.  |
| Allan L. Trapp        | 38. Add assignment to the Animal Health Diagnostic Laboratory for Allan L. Trapp, Professor, Pathology, effective July 1, 1977.   |



A. PERSONNEL CHANGES, cont.

June 23-24, 1977

Transfers and Changes in Assignment, cont.

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| 39. Add assignment to the Animal Health Diagnostic Laboratory for Harold W. Tvedten, Assistant Professor, Pathology, effective July 1, 1977.   | Transfers and<br>Changes in<br>Assignment<br><br>Harold W.<br>Tvedten |
| 40. Change of assignment for Charles L. Boles, Assistant Professor, from Large Animal Surgery and Medicine and Dean's Office, College of Veterinary Medicine, to Large Animal Surgery and Medicine only, effective July 1, 1977.   | Charles L.<br>Boles   |
| 41. Change of assignment for Kenneth F. Gallagher, Assistant Professor, from Dean's Office, College of Veterinary Medicine, and Cooperative Extension Service, to Large Animal Surgery and Medicine and Cooperative Extension Service, effective July 1, 1977.                                       | Kenneth F.<br>Gallagher   |
| 42. Change of assignment for Edward A. Scott, Associate Professor, from Large Animal Surgery and Medicine and Dean's Office, College of Veterinary Medicine, to Large Animal Surgery and Medicine only, effective July 1, 1977.  | Edward A.<br>Scott  |
| 43. Change of assignment for Howard D. Stowe, Associate Professor, from Dean's Office, College of Veterinary Medicine, Animal Husbandry, and Food Science and Human Nutrition, to Large Animal Surgery and Medicine, Animal Husbandry, and Food Science and Human Nutrition, effective July 1, 1977. | Howard D. Stowe   |
| 44. Change sabbatical leave dates for Gordon R. Carter, Professor, Microbiology and Public Health, from June 1, 1977 through August 31, 1977, to April 1, 1978 through June 30, 1978.  | Gordon R.<br>Carter   |
| 45. Change beginning date of appointment of Shirley Siew as Professor, Pathology, from July 1, 1977 to September 1, 1977.  | Shirley Siew  |
| 46. Eliminate ending date of June 30, 1977 of assignment of Philipp Gerhardt as Professor, Microbiology and Public Health, and Associate Dean, College of Osteopathic Medicine.  | Philipp<br>Gerhardt   |
| 47. Payment of \$24,000 per year for Lloyd M. Cofer, Professor Emeritus and Consultant to the President, 60% time, effective July 1, 1977 through December 31, 1977.   | Lloyd M.<br>Cofer   |
| 48. Change James Bibbs from Assistant Professor, Health, Physical Education and Recreation, and Acting Head Track Coach, Intercollegiate Athletics, to Assistant Professor, Health, Physical Education and Recreation, and Head Track Coach, Intercollegiate Athletics, effective July 1, 1977.      | James Bibbs   |
| 49. Assignment of Kirkpatrick Lawton, Professor, Crop and Soil Sciences, and Assistant Dean, International Studies and Programs, to Overseas-Uruguay Project, at an overseas salary of \$37,255 per year on a 12-month basis, effective September 1, 1977 through April 15, 1979.                    | Kirkpatrick<br>Lawton   |

Special Transfer and Change in Assignment

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|---|-----------------------|
| 1. Change Clarence L. Winder from Professor, Psychology, and Associate Provost, Provost's Office, to Professor, Psychology, and Provost and Vice President for Academic Affairs, Provost's Office, with an increase in salary to \$47,700 per year on a 12-month basis, effective July 1, 1977. | Clarence L.<br>Winder |
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Salary Changes

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|---|-------------------|
| 1. Increase in salary to \$47,790 per year on a 12-month basis for Myron C. Beal, Professor, Biomechanics, effective June 1, 1977.  | Salary<br>Changes |
| 2. Increase in salary to \$20,400 per year on a 10-month basis for David W. Rohde, Associate Professor, Political Science, effective June 1, 1977.  |                   |
| 3. Increase in salary to \$19,650 per year on a 12-month basis for Harry Pachon, Assistant Professor, Urban and Metropolitan Studies, effective June 1, 1977.                             |                   |
| 4. Increase in salary to \$27,000 per year on a 12-month basis for George M. Heathcote, Head Basketball Coach, Intercollegiate Athletics, effective April 1, 1977 through March 31, 1980. |                   |

Appointments

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|---|--------------|
| 1. Vincent B. Barrett, Specialist, Agricultural Economics, assigned to Overseas-Upper Volta, at a salary of \$15,500 per year on a 12-month basis, effective May 15, 1977 through April 30, 1979.       | Appointments |
| 2. Gregory C. Lassiter, Specialist, Agricultural Economics, assigned to Overseas-Upper Volta, at a salary of \$15,000 per year on a 12-month basis, effective May 24, 1977 through April 30, 1979.      |              |
| 3. Thomas Stickley, Associate Professor, Agricultural Economics, assigned to Overseas-Upper Volta, at a salary of \$28,000 per year on a 12-month basis, effective June 1, 1977 through April 30, 1979. |              |

## A. PERSONNEL CHANGES, cont.

June 23-24, 1977

## Appointments

Appointments, cont.

4. David C. Wilcock, Specialist, Agricultural Economics, assigned to Overseas-Upper Volta, at a salary of \$21,000 per year on a 12-month basis, effective May 11, 1977 through April 30, 1979.
5. Gale M. Baumgardner, Assistant Professor, Dairy Science and Animal Husbandry, in the tenure system, at a salary of \$19,000 per year on a 12-month basis, effective August 1, 1977.
6. Stanley J. Zarnoch, Assistant Professor, Fisheries and Wildlife, in the tenure system, at a salary of \$19,500 per year on a 12-month basis, effective July 1, 1977.
7. Paul M. Schierholz, Associate Professor, Food Science and Human Nutrition and Agricultural Engineering, in the tenure system, at a salary of \$25,500 per year on a 12-month basis, effective July 1, 1977.
8. Mark A. Uebersax, Assistant Professor, Food Science and Human Nutrition, in the tenure system, at a salary of \$18,000 per year on a 12-month basis, effective July 1, 1977.
9. Bernard H. Zandstra, Assistant Professor, Horticulture, in the tenure system, at a salary of \$17,400 per year on a 12-month basis, effective October 1, 1977.
10. Hugh E. Lockhart, Professor, Packaging, with tenure, at a salary of \$27,000 per year on a 12-month basis, effective July 1, 1977.
11. Peter Vinten-Johansen, Assistant Professor, History, in the tenure system, at a salary of \$12,620 per year on a 10-month basis, effective September 1, 1977.
12. Richard White, Assistant Professor, History, in the tenure system, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1977.
13. Philip C. Chevallard, Assistant Professor/Assistant Director of Bands, Music, in the tenure system, at a salary of \$16,000 per year on a 12-month basis, effective July 1, 1977.
14. Donald J. Baxter, Specialist, Dean of Business, at a salary of \$14,100 per year on a 12-month basis, effective September 1, 1977 through August 31, 1979.
15. Frank L. Bird, Specialist, Dean of Business, 75% time, at a salary of \$19,000 per year on a 12-month basis, effective September 1, 1977 through August 31, 1979.
16. Renee Firestone, Specialist, Dean of Business, at a salary of \$8,300 per year on a 10-month basis, effective September 1, 1977 through August 31, 1979.
17. William E. McCarthy, Assistant Professor, Accounting and Financial Administration, in the tenure system, at a salary of \$19,500 per year on a 10-month basis, effective January 1, 1978.
18. Robert D. Swanson, Assistant Professor, Accounting and Financial Administration, in the tenure system, at a salary of \$19,500 per year on a 10-month basis, effective January 1, 1978.
19. Mary A. Busby, Assistant Professor, Business Law and Office Administration, in the tenure system, at a salary of \$16,400 per year on a 10-month basis, effective September 1, 1977.
20. Marian C. Shaffer, Assistant Professor, Business Law and Office Administration, in the tenure system, at a salary of \$15,500 per year on a 10-month basis, effective September 1, 1977.
21. Ram Narasimhan, Assistant Professor, Management, in the tenure system, at a salary of \$17,500 per year on a 10-month basis, effective September 1, 1977.
22. David P. Emmett, Specialist, Audiology and Speech Sciences, at a salary of \$10,800 per year on a 12-month basis, effective July 1, 1977 through June 30, 1979.
23. Gordon M. Fooks, Assistant Professor, Counseling, Personnel Services and Educational Psychology, in the tenure system, at a salary of \$18,500 per year on a 12-month basis, effective September 1, 1977.
24. Bruce A. Mitchell, Assistant Professor, Elementary and Special Education, in the tenure system, at a salary of \$15,750 per year on a 10-month basis, effective September 1, 1977.
25. Linda A. Patriarca, Assistant Professor, Elementary and Special Education, in the tenure system, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1977.
26. Joyce G. Putnam, Assistant Professor, Elementary and Special Education, in the tenure system, at a salary of \$15,050 per year on a 10-month basis, effective September 1, 1977.

A. PERSONNEL CHANGES, cont.

June 23-24, 1977

Appointments, cont.

Appointments

27. Laura R. Roehler, Assistant Professor, Elementary and Special Education, in the tenure system, at a salary of \$15,050 per year on a 10-month basis, effective September 1, 1977.
28. Marcia J. Carter, Assistant Professor, Health, Physical Education and Recreation, in the tenure system, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1977.
29. Daniel R. Gould, Assistant Professor, Health, Physical Education and Recreation, in the tenure system, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1977.
30. Barbara B. Smith, Instructor, Health, Physical Education and Recreation, in the tenure system, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1977.
31. Stephen K. Widder, Instructor, Health, Physical Education and Recreation, in the tenure system, at a salary of \$13,600 per year on a 10-month basis, effective September 1, 1977.
32. Billie T. Rader, Assistant Professor, Secondary Education and Curriculum, in the tenure system, at a salary of \$15,150 per year on a 10-month basis, effective September 1, 1977.
33. Christopher M. Clark, Assistant Professor, Teacher Education and Counseling, Personnel Services and Educational Psychology, in the tenure system, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1977.
34. Robert E. Floden, Assistant Professor, Teacher Education, in the tenure system, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1977.
35. Gilbert Y. Baladi, Assistant Professor, Civil and Sanitary Engineering, in the tenure system, at a salary of \$16,000 per year on a 10-month basis, effective September 1, 1977.
36. Robert E. Falco, Assistant Professor, Mechanical Engineering, in the tenure system, at a salary of \$17,500 per year on a 10-month basis, effective September 1, 1977.
37. L. Joanne Keith, Assistant Professor, Family and Child Sciences, and Extension Specialist, Cooperative Extension Service, in the tenure system, at a salary of \$16,500 per year on a 12-month basis, effective September 1, 1977.
38. Karen J. Morgan, Assistant Professor, Food Science and Human Nutrition, in the tenure system, at a salary of \$17,500 per year on a 12-month basis, effective August 15, 1977.
39. Gretchen A. Bria, Specialist, Family Practice, at a salary of \$15,810 per year on a 12-month basis, effective July 1, 1977 through June 30, 1979.
40. James G. O'Brien, Associate Professor, Family Practice, in the tenure system, at a salary of \$45,000 per year on a 12-month basis, effective August 1, 1977.
41. Blake W. H. Smith, Specialist, Family Practice, at a salary of \$16,000 per year on a 12-month basis, effective June 16, 1977 through June 30, 1978.
42. Robert F. Stein, Associate Professor, Astronomy and Astrophysics, at a salary of \$18,900 per year on a 10-month basis, effective April 1, 1977. In tenure system effective September 1, 1976.
43. Loretta L. VanCamp, Specialist, Biophysics, at a salary of \$16,850 per year on a 12-month basis, effective June 1, 1977, with job security.
44. Stuart H. Gage, Assistant Professor and Extension Specialist, Entomology, in the tenure system, at a salary of \$23,500 per year on a 12-month basis, effective July 1, 1977.
45. Joseph A. Sgro, Assistant Professor, Mathematics, in the tenure system, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1977.
46. Deborah Zuidema, Assistant Professor, Nursing, in the tenure system, at a salary of \$16,000 per year on a 10-month basis, effective September 1, 1977.
47. John L. Wang, Assistant Professor, Biochemistry, in the tenure system, at a salary of \$20,000 per year on a 12-month basis, effective June 15, 1977.
48. Maria J. Patterson, Associate Professor, Microbiology and Public Health, in the tenure system, at a salary of \$22,000 per year on a 12-month basis, effective September 1, 1977.
49. Max H. Robins, Associate Professor, Department of Osteopathic Medicine, in the tenure system, at a salary of \$40,000 per year on a 12-month basis, effective July 1, 1977.



## A. PERSONNEL CHANGES, cont.

June 23-24, 1977

## Appointments

Appointments, cont.

50. Robert H. McKinley, Assistant Professor, Anthropology, in the tenure system, at a salary of \$15,100 per year on a 10-month basis, effective September 1, 1977.
51. Stuart H. Teger, Assistant Professor, Political Science, in the tenure system, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1977.
52. George Felkenes, Professor and Director, Criminal Justice, with tenure, at a salary of \$36,200 per year on a 12-month basis, effective September 1, 1977.
53. Elvira M. Wilbur, Assistant Professor, Humanities, in the tenure system, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1977.
54. Allen W. Batteau, Instructor, Department of Social Science, in the tenure system, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1977.
55. Norris B. Johnson, Assistant Professor, Department of Social Science, in the tenure system, at a salary of \$14,700 per year on a 10-month basis, effective September 1, 1977.
56. Fredric M. Roberts, Instructor, Department of Social Science, in the tenure system, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1977.
57. David E. Persell, Specialist, Dean of Urban Development, at a salary of \$16,200 per year on a 12-month basis, effective September 1, 1977 through August 31, 1979.
58. N. Kent Ames, Assistant Professor, Large Animal Surgery and Medicine, in the tenure system, at a salary of \$23,000 per year on a 12-month basis, effective July 15, 1977.
59. Charles D. Gibson, Associate Professor, Large Animal Surgery and Medicine, and Cooperative Extension Service, in the tenure system, at a salary of \$30,000 per year on a 12-month basis, effective June 1, 1977.
60. Edward M. McAleer, Jr., Specialist and Assistant Director, University Extension, Continuing Education Service, at a salary of \$20,380 per year on a 12-month basis, effective April 1, 1977 through March 31, 1979.
61. Kriss T. Ostrom, Librarian, Libraries, at a salary of \$11,200 per year on a 12-month basis, effective July 1, 1977.
62. David P. Gillespie, Assistant Professor, James Madison College, in the tenure system, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1977.
63. Roy J. Simon, Specialist and Assistant Director, School of Nursing, at a salary of \$20,000 per year on a 12-month basis, effective September 1, 1977 through August 31, 1979.

Motion was made by Trustee Martin, seconded by Trustee Carrigan, to approve the Resignations, Leaves, all Transfers and Changes in Assignment except the special item on page 9173, Salary Changes, and Appointments. Unanimously approved.

On motion by Trustee Stevens, seconded by Trustee Carrigan, it was unanimously voted to approve the appointment of Clarence L. Winder as Provost and Vice President for Academic Affairs, effective July 1, 1977 (see page 9173).

Personnel  
RecommendationsPersonnel Recommendations

It is recommended that the following positions be established:

1. Secretary I C-T 5 for Education
2. Administrative Assistant I A-P 8 for Biomechanics
3. Half-time Secretary I C-T 5 for the Continuing Education Service
4. Student Services Assistant A-P 9 for Intramural Sports and Recreative Services.

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

Gifts and  
GrantsB. GIFTS AND GRANTS

1. Gift of a set of recordings (4 records) valued at \$31.39 from Charles McDermid, East Lansing, to be placed in the MSU Music Library for use by students.
2. Gift of an American Can Company Automatic Packager valued at \$7,000 from Quality Restaurant Suppliers, Marshall, to be used in the Dairy Plant in the Department of Food Science and Human Nutrition, to package yogurt into cups.
3. Gift of a 1976 12' Sea Nymph Pram Boat, a pair of 6' oars, and a pair of Wynn oar locks with a total value of \$281 from Carl's Marine, Mason, for use by the MSU Crew Team in the Department of Intramural Sports and Recreative Services.

## B. GIFTS AND GRANTS, continued

June 23-24, 1977

Gifts and  
Grants

4. Grants to be used for scholarship purposes as follows:
  - a. \$500 from Mr. Albert Pick, Pick Hotels Corporation, Chicago, for students in the School of Hotel, Restaurant and Institutional Management
  - b. \$500 from Lear Siegler, Inc., Instrument Division, Grand Rapids, to be used for an entering transfer student from Grand Rapids Junior College by the College of Engineering
  - c. \$37,952 from the U.S. Department of Justice, Washington, D.C. 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
  - d. \$311,838 from the Department of Health, Education and Welfare, Washington, D.C., to be used in the general field of College Work Study under the direction of Henry C. Dykema in the Department of Financial Aids. The funds are to employ needy students under the College Work Study program.
  - e. \$600 from the National Merit Scholarship Corporation, Evanston, Illinois, for funding of scholarship recipients for the 1977-78 academic year.
5. Grants as follows to the MSU Development Fund:
  - a. \$15,000 from the Anderson Foundation, Maumee, Ohio, to be used under the direction of R. H. Nelson in Animal Husbandry for research to cover exotic animals, white tailed deer, horses, sheep, cattle, and swine
  - b. \$4,000 from the Lybrand Foundation, New York, New York, to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for faculty research.
6. Grant of \$130 from Michigan United Conservation Club to be used under the direction of N. A. Brown in the Extension 4-H Youth Programs for the Howard Zindel Youth Activities Fund.
7. Grant of \$3,400 from Michigan Potato Industry Commission to be used under the direction of C. A. Reddy in the Agricultural Experiment Station for production of a feed supplement high in crude protein by bacterial fermentation of potato processing wastes.
8. Grant of \$645,300 from the Agency for International Development to be used under the direction of C. K. Eicher in the Department of Agricultural Economics to assist in Eastern Regional Development Organization in Upper Volta to increase agricultural production as well as improve the quality of life in the region.
9. Grant of \$4,000 from Michigan Potato Industry Commission to be used under the direction of B. F. Cargill in the Department of Agricultural Engineering to determine the quality of stored potatoes due to prestorage chemical treatments and varying environmental central levels and influence of selected production management inputs on the yield, quality, storability of Russet, Burbank, Onaway, and Superior potatoes.
10. Grant of \$325 from various donors to be used under the direction of D. R. Heldman in the Department of Agricultural Engineering for the Dennis Wiant Memorial Fund, to be used for scholarships.
11. Grant of \$6,720 from the National Institute of Health to be used under the direction of W. R. Dukelow in the Department of Animal Husbandry for continued studies on in vitro fertilization of the ova of Saimiri sciureus and the application of this work to birth defect research.
12. Grant of \$64,421 from the National Institute of Health to be used under the direction of L. L. Bieber in the Department of Biochemistry for Short-Chain Acylcarnitines - Function and Enzymology.
13. Grant of \$44,476 from the National Institute of Health to be used under the direction of J. A. Boezi in the Department of Biochemistry for Marek's Disease Herpes Virus Induced DNA Polymerase.
14. Grant of \$60,000 from the National Science Foundation to be used under the direction of A. Tulinsky and W. A. Wood in the Department of Biochemistry for structure of a Trimeric Metabolic Enzyme of Pseudomonas.
15. Grant of \$500 from BASF Wyandotte Corporation to be used under the direction of F. Laemmlen in the Department of Botany and Plant Pathology for the fungicide program with BAS 352 04 F on ornamentals.
16. Grant of \$2,500 from Chemagro Agricultural Division of Mobay Chemical Company to be used under the direction of E. J. Klos in the Department of Botany and Plant Pathology to study fungicidal activity of KWG 0599 and Bayleton against Venturia inaequalis (apple scab).
17. Grant of \$750 from Chemagro Agricultural Division of Mobay Chemical Company to be used under the direction of D. C. Ramsdell in the Department of Botany and Plant Pathology for testing of fungicides in grapes.
18. Grant of \$500 from Chemagro Agricultural Division of Mobay Chemical Company to be used under the direction of A. L. Jones in the Department of Botany and Plant Pathology for the evaluation of Bayleton fungicides for control of various apple diseases.

Gifts and  
Grants

## B. GIFTS AND GRANTS, continued

June 23-24, 1977

19. Grant of \$250 from Chemagro Agricultural Division of Mobay Chemical Company to be used under the direction of H. S. Potter in the Department of Botany and Plant Pathology to evaluate experimental systemic fungicide for control of diseases in beans.
20. Grant of \$500 from Chemagro Agricultural Division of Mobay Chemical Company to be used under the direction of M. V. Wiese in the Department of Botany and Plant Pathology for ongoing research of wheat diseases.
21. Grant of \$400 from Uniroyal, Incorporated to be used under the direction of M. V. Wiese in the Department of Botany and Plant Pathology for ongoing research of wheat diseases.
22. Grant of \$2,500 from Chevron Chemical Company to be used under the direction of E. J. Klos in the Department of Botany and Plant Pathology to study fungicidal activity of difolatan against *Monilinia fructicola* (brown rot) and *Coccomyces hiemalis* (leaf spot) of sweet cherries.
23. Grant of \$2,000 from Chevron Chemical Company to be used under the direction of H. S. Potter in the Department of Botany and Plant Pathology for ongoing Difolatan studies.
24. Grant of \$1,500 from Chevron Chemical Company to be used under the direction of D. C. Ramsdell in the Department of Botany and Plant Pathology for airplane application of difolatan for IR-4 registration on blueberries.
25. Grant of \$1,750 from Eli Lilly and Company to be used under the direction of E. J. Klos in the Department of Botany and Plant Pathology to study fungicidal activity of EL222 (Bloc) against *Venturia inaequalis* (apple scab) and *Coccomyces Hiemalis* (cherry leaf spot).
26. Grant of \$500 from Eli Lilly and Company to be used under the direction of J. M. Vargas, Jr. in the Department of Botany and Plant Pathology for the ongoing turfgrass pathology program.
27. Grant of \$1,500 from EM Laboratories, Incorporated to be used under the direction of E. J. Klos in the Department of Botany and Plant Pathology to study fungicidal activity of triforine against brown rot of peaches and leaf spot of cherries.
28. Grant of \$2,200 from Michigan Potato Industry Commission to be used under the direction of W. J. Hooker in the Department of Botany and Plant Pathology to study diseases in Michigan potato seed and for the introductions of new varieties into the seed program.
29. Grant of \$1,000 from Michigan Potato Industry Commission to be used under the direction of H. S. Potter in the Department of Botany and Plant Pathology for the potato late blight forecasting program.
30. Grant of \$1,000 from Michigan Potato Industry Commission to be used under the direction of H. S. Potter in the Department of Botany and Plant Pathology to determine the quality of stored potatoes due to pre-storage chemical treatments and varying environmental control levels, and influence of selected production management inputs on yield, quality, storability of Russet, Burbank, Onaway, and Superior potatoes.
31. Grant of \$600 from E. I. duPont deNemours and Company to be used under the direction of J. M. Vargas, Jr. in the Department of Botany and Plant Pathology for ongoing turfgrass pathology program of Tersan fungicide and DPX 4424.
32. Grant of \$2,000 from Rhodia, Incorporated to be used under the direction of A. L. Jones in the Department of Botany and Plant Pathology for ongoing research with RP 26019 (WP) to obtain efficacy and residue data of sour cherries.
33. Grant of \$500 from Rodia, Incorporated to be used under the direction of J. M. Vargas, Jr. in the Department of Botany and Plant Pathology to support expenses incurred with RP 26019 (WP) in order to obtain efficacy data for snow mold and Dollar Spot on turfgrass.
34. Grant of \$500 from Rohm and Haas to be used under the direction of D. C. Ramsdell in the Department of Botany and Plant Pathology to help defray expenses incurred in the testing of fungicides to control grape diseases.
35. Grant of \$3,500 from American Hoechst Corporation to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to evaluate herbicides for weed control.
36. Grant of \$1,000 from Amchem Products, Incorporated to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to assist with the herbicide research program in dry beans and soybeans.
37. Grant of \$1,500 from BASF Wyandotte Corporation, Parsippany, New Jersey, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences in support of research in soybean and sugarbeet herbicides.

## B. GIFTS AND GRANTS, continued

June 23-24, 1977

Gifts and  
Grants

38. Grant of \$500 from Chemagro Agricultural Division of Mobay Chemical Company, Kansas City, Missouri, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to support research with SENCOR and MESUROL on soybeans and corn.
39. Grant of \$2,250 from Fisons Corporation to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences for weed control in sugarbeet research.
40. Grant of \$2,500 from Lilly Research Corporation to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to evaluate TREFLAN, SURFLAN and EL-161 treatments on soybeans and dry navy beans.
41. Grant of \$12,540 from Monroe County Board of Commissioners, Monroe, Michigan, to be used under the direction of E. P. Whiteside for soil survey and mapping to provide information for comprehensive planning for over-all programs.
42. Grant of \$2,250 from Monsanto Agricultural Products Company, St. Louis, Missouri, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to continue weed control studies.
43. Grant of \$1,000 from NOR-AM, Woodstock, Illinois, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to continue research on weed control in field crops.
44. Grant of \$1,000 from Ralston Purina Company, Battle Creek, Michigan, to be used under the direction of E. H. Everson for the continuation of existing wheat research programs, in the Department of Crop and Soil Sciences.
45. Grant of \$300 from Uniroyal Chemical, Lexington, Kentucky, to be used under the direction of W. F. Meggitt to study the effects of surfactants on increasing foliage penetration of herbicides, in the Department of Crop and Soil Sciences.
46. Grant of \$1,000 from U.S. Borax Research Corporation, Anaheim, California, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to support research in herbicides for weed control in soybeans and dry beans.
47. Grant of \$283.80 from various donors to be used under the direction of M. Vitosh in the Department of Crop and Soil Sciences for unrestricted use.
48. Grant of \$3,353 from Michigan Dairy Herd Improvement Association, Incorporated, Lansing, Michigan, to be used under the direction of H. D. Hafs in the Department of Dairy Science to support dairy fieldman position.
49. Grant of \$3,135 from the Upjohn Company, Kalamazoo, Michigan, to be used under the direction of R. Mellenberger in the Department of Dairy Science for Project 755, Pen-Novo Dry Cow Study field trial.
50. Grant of \$2,500 from the American Farm Bureau Research Foundation, to be used under the direction of A. Wells in the Department of Entomology for asparagus research on insects infesting field and truck crops.
51. Grant of \$500 from Abbott Laboratories, North Chicago, Illinois to be used under the direction of A. J. Howitt in the Department of Entomology for fruit tree insects.
52. Grant of \$2,200 from Chemagro Agricultural Division of Mobay Chemical Company, Kalamazoo, Michigan, to be used under the direction of A. J. Howitt in the Department of Entomology for fruit tree insects.
53. Grant of \$500 from Chevron Chemical Company, Perth Amboy, New Jersey, to be used under the direction of A. J. Howitt in the Department of Entomology for fruit tree insects.
54. Grant of \$100 from Stauffer Chemical Company, San Francisco, California, to be used under the direction of J. Brunner in the Department of Entomology for fruit tree insects.
55. Grant of \$500 from Suntech, Incorporated, Marcus Hook, Pennsylvania, to be used under the direction of A. J. Howitt in the Department of Entomology for fruit tree insects.
56. Grant of \$2,000 from various donors to be used under the direction of A. J. Howitt in the Department of Entomology for fruit tree insects.
57. Grant of \$600 from Monitor Sugar Company, Bay City, Michigan, to be used under the direction of G. Bird in the Department of Entomology for Nematode population management in Michigan crop production.
58. Grant of \$1,000 from Chemagro Agricultural Division of Mobay Chemical Company, Kalamazoo, Michigan, to be used under the direction of G. Bird in the Department of Entomology for Nematode population management in Michigan crop production.

Gifts and  
Grants

## B. GIFTS AND GRANTS, continued

June 23-24, 1977

59. Grant of \$800 from Chemagro Agricultural Division of Mobay Chemical Company, Kansas City, Missouri, to be used under the direction of R. F. Ruppel in the management of field and forage crop insects in Michigan, in the Department of Entomology.
60. Grant of \$1,000 from Rhodia, Incorporated, New York, New York, to be used under the direction of R. F. Ruppel, in the Department of Entomology for management of field and forage crop insects in Michigan.
61. Grant of \$1,000 from Chemagro Agricultural Division of Mobay Chemical Company, Kalamazoo, Michigan, to be used under the direction of A. L. Wells in the Department of Entomology for insects infesting field and truck crops.
62. Grant of \$500 from CIBA-GEIGY Corporation, Greensboro, North Carolina, to be used under the direction of A. L. Wells in the Department of Entomology for insects infesting field and truck crops.
63. Grant of \$750 from Chevron Chemical Company, Bloomingdale, Illinois, to be used under the direction of K. Kennedy in the Department of Entomology for ornamental insects pests control.
64. Grant of \$500 from EM Laboratories, Incorporated, Elmsford, New York, to be used under the direction of R. F. Ruppel in the Department of Entomology for control of alfalfa insects; chemical control studies in management of field and forage crop insects in Michigan.
65. Grant of \$1,872 from Michigan Potato Industry Commission, Lansing, Michigan, to be used under the direction of G. Bird in the Department of Entomology to observe the influence of selected production management inputs on yield, quality and storability of Russet, Burbank, Onaway and Superior potatoes.
66. Grant of \$1,000 from Michigan Potato Industry Commission, Lansing, Michigan, to be used under the direction of A. L. Wells in the Department of Entomology to observe the influence of selected production management inputs on yield, quality and storability of Russet, Burbank, Onaway and Superior potatoes.
67. Grant of \$1,500 from Michigan Potato Industry, Lansing, Michigan, to be used under the direction of A. L. Wells in the Department of Entomology for soil insect control studies.
68. Grant of \$1,248 from Michigan Potato Commission, Lansing, Michigan, to be used under the direction of G. Bird to observe the influence of Northern Root-Knot Nematode Control on the Growth and Yield of Muck-Grown Potatoes, in the Department of Entomology.
69. Grant of \$1,400 from Monitor Sugar Company, Bay City, Michigan, to be used under the direction of R. F. Ruppel in the Department of Entomology for monitoring and control studies in sugarbeet insects.
70. Grant of \$69,023 from the U. S. Department of Agriculture, to be used under the direction of R. T. Carde' in the Department of Entomology for a cooperative study on disruption of gypsy moth mating and habituation of male pheromone response with emantiomers and combinations.
71. Grant of \$2,100 from Michigan Potato Industry Commission, Lansing, Michigan, to be used under the direction of J. N. Cash, Department of Food Science and Human Nutrition to individually quick-freeze (IQF) fresh potato slices and evaluate quality for use in potato chip manufacture.
72. Grant of \$11,000 from Muscular Dystrophy Association, New York, New York, to be used under the direction of R. B. Young in the Department of Food Science and Human Nutrition to study human dystrophic condition using muscle cell cultures from patients with neuromuscular disorders.
73. Grant of \$225 from Western Michigan Food Technology Society, East Lansing, Michigan, to be used under the direction of A. L. Rippen in the Department of Food Science and Human Nutrition to provide supplies and international and domestic travel for departmental judging teams.
74. Grant of \$4,000 from American Hoechst Corporation, Sommerville, New Jersey, to be used under the direction of A. R. Putnam in the Department of Horticulture for on-going research with herbicides for horticultural crops.
75. Grant of \$500 from Chemagro Agricultural Division of Mobay Chemical Company, Kansas City, Missouri, to be used under the direction of A. R. Putnam in the Department of Horticulture for on-going research to determine weed control performance and crop safety with Chemagro products.
76. Grant of \$2,000 from Chevron Chemical Company, Richmond, California, to be used under the direction of A. R. Putnam in the Department of Horticulture for on-going research with herbicides for use on horticultural crops.



## B. GIFTS AND GRANTS, continued

June 23-24, 1977

Gifts and  
Grants

77. Grant of \$4,000 from Crookham Company, Caldwell, Idaho to be used under the direction of L. R. Baker in the Department of Horticulture to support on-going carrot breeding program.
78. Grant of \$10,000 from The Herbert H. and Grace A. Dow Foundation, Midland, Michigan, to be used under the direction of H. Davidson in the Department of Horticulture for researching vegetative propagation of shade trees.
79. Grant of \$500 from Fisons Corporation, Bedford, Massachusetts, to be used under the direction of A. R. Putnam in the Department of Horticulture to support on-going research on herbicides for weed control.
80. Grant of \$500 from International Dwarf Fruit Tree Association, Hartford, Michigan, to be used under the direction of R. Carlson in the Department of Horticulture for education and dissemination of research results pertaining to scion/rootstock relationship of fruit trees.
81. Grant of \$500 from Henry Mast Greenhouses, Incorporated, Byron Center, Michigan, to be used under the direction of W. Carlson in the Department of Horticulture to support on-going seed geranium research.
82. Grant of \$1,500 from Speedling, Incorporated, Sun City, Florida, to be used under the direction of W. Carlson in the Department of Horticulture to support on-going geranium research.
83. Grant of \$631.60 from various donors to be used under the direction of C. J. Mackson in the School of Packaging for unrestricted use in packaging education.
84. Grant of \$3,000 from Mink Farmers Research Foundation, Thiensville, Wisconsin, to be used under the direction of R. J. Aulerich in the Department of Poultry Science to observe the effect of excessive iodine on reproductive performance of female mink, and evaluation of oral larvacides as a means of fly control on mink farms.
85. Grant of \$47,955 from the Michigan State Highway Commission, Lansing, Michigan, to be used under the direction of R. D. Vlasin in the Department of Resource Development to study the ecological effects of highway construction upon Michigan woodlots and wetlands.
86. Grant of \$26,120 from the Michigan Department of Education, Lansing, Michigan, to be used under the direction of C. H. Wamhoff in the Agriculture and Natural Resources Education Institute for utilization of Vocational-Technical Education Consortium of States Catalogues Dissemination Strategies and Related Activities.
87. Grant of \$3,000 from Patrick Petroleum Corporation, Jackson, Michigan, to be used under the direction of H. M. Sollenberger in the Department of Accounting and Financial Administration for faculty development.
88. Grant of \$2,250 from various donors to be used under the direction of H. M. Sollenberger, in the Department of Accounting and Financial Administration for faculty development.
89. Grant of \$250 from the College of DuPage, Glen Ellyn, Illinois, to be used under the direction of R. L. Blomstrom in the School of Hotel, Restaurant, and Institutional Management to purchase educational materials.
90. Grant of \$61 from Alumni to be used under the direction of R. L. Blomstrom in the School of Hotel, Restaurant, and Institutional Management for hospitality education.
91. Grant of \$500 from Cleveland Consulting Associates, Incorporated, Cleveland, Ohio, to be used under the direction of D. A. Taylor in the Department of Marketing and Transportation Administration to support the development of the marketing program and faculty at MSU.
92. Grant of \$2,500 from Michigan Mid-South Health Systems Agency, Mason, Michigan, to be used under the direction of D. A. Taylor in the Department of Marketing and Transportation Administration to support the development of the marketing program and faculty at MSU.
93. Grant of \$1,000 from Colgate-Palmolive Company, New York, New York, to be used under the direction of J. W. Allen in the Department of Marketing and Transportation Administration to administer FSM program and provide a scholarship for students.
94. Grant of \$1,500 from Philip Morris, New York, New York, to be used under the direction of J. W. Allen in the Department of Marketing and Transportation Administration to provide a scholarship for students and for the administration of the FSM program.
95. Grant of \$1,000 from East Lansing State Bank, East Lansing, Michigan, to be used under the direction of M. Beninson in the Department of Advertising for a student project to gain field experience working on an actual advertising problem for an operating company.

Gifts and  
Grants

## B. GIFTS AND GRANTS, continued

June 23-24, 1977

96. Grant of \$720 from the Embassy of the Republic of China and Hungarian Embassy to be used under the direction of R. Morris in the Department of Communication for the development and presentation of workshops which introduce the participants to principles of effective communication and management and to the role of communication in the modernization process.
97. Grant of \$250 from the Michigan Association of Secondary School Principals to be used under the direction of P. A. Cusick in the Department of Administration and Higher Education for the editing of their quarterly journal, "Secondary Education Today".
98. Grant of \$5,000 from Michigan Department of Education, Lansing, Michigan to be used under the direction of F. Ignatovich and S. Hecker in the Department of Administration and Higher Education to produce enrollment projections for the Department of Education.
99. Grant of \$10,000 from North Dakota Postsecondary Education Commission, Bismarck, North Dakota, to be used under the direction of T. H. McKinney in the Department of Administration and Higher Education to identify strengths and weaknesses of opportunities for postsecondary education that are presently available to the people of North Dakota, and to identify potential in-depth studies that may be needed to resolve long-range planning problems.
100. Grant of \$587.50 from American Educational Research Association, Washington, D.C., to be used under the direction of M. McSweeney in the Department of Counseling, Personnel Services, and Educational Psychology to provide support for editing the American Educational Research Journal.
101. Grant of \$4,300 from Midwest Teacher Corps Network, Ohio University, Athens, Ohio, to be used under the direction of L. W. Lezotte and R. Boger to examine models of parent/community involvement in education and the stages necessary for successful implementation of the various models, in the School of Teacher Education.
102. Grant of \$100 from Michigan Council for the Social Studies, East Lansing, Michigan to be used under the direction of R. Niemeyer in the School of Education, Division of Student Teaching and Professional Development to pay duplication, postage and service charges of conducting the Executive Secretary Office of Michigan Council for the Social Studies.
103. Grant of \$2,000 from General Mills Foundation, Minneapolis, Minnesota, to be used under the direction of W. J. Gamble, Jr. in the Office of the Dean of Engineering in support of the Engineering Equal Opportunity Program.
104. Grant of \$700 from various donors to be used under the direction of W. J. Gamble, Jr. in the Office of the Dean of Engineering to aid in the financial support of the Engineering Equal Opportunity Program.
105. Grant of \$2,500 from Dow Chemical Company, Midland, Michigan, to be used under the direction of D. K. Anderson in the Department of Chemical Engineering for unrestricted use.
106. Grant of \$386 from Outstate Michigan Construction Industry Advancement Program, Lansing, Michigan to be used under the direction of W. C. Taylor in the Department of Civil and Sanitary Engineering for field trips, undergraduate construction engineering program.
107. Grant of \$400 from James V. Beck, Okemos, Michigan, to be used under the direction of R. W. Little in the Department of Mechanical Engineering for departmental development in graduate education and research.
108. Grant of \$2,000 from Michigan State University Foundation to be used under the direction of J. F. Martin to support the initial development of a computer based model of uniaxial stress-strain behavior for metals that are subjected to variable loading spectra at elevated temperatures, in the Dept. of Met., Mech. & Mat. Science.
109. Grant of \$7,000 from Kellogg Company, Battle Creek, Michigan, to be used under the direction of M. E. Zabik in the Department of Food Science and Human Nutrition to study patterns of food intake in different age groups.
110. Grant of \$7,000 from Kellogg Company, Battle Creek, Michigan to be used under the direction of G. A. Leveille in the Department of Food Science and Human Nutrition for the evaluation of systems of food intake analysis.
111. Grant of \$3,533.95 from National Research Council, Committee on Nuclear Alternative Energy Systems, National Academy of Sciences, Washington, D.C., to be used under the direction of B. Morrison, Institute for Family and Child Study to study the impact of increased energy costs of the past two years on households and their major occupants, families; should give insights on crucial future societal impacts of energy cost increases/supply shortages.

## B. GIFTS AND GRANTS, continued

June 23-24, 1977

Gifts and  
Grants

112. Grant of \$49,598 from W. K. Kellogg Foundation to be used under the direction of W. D. Weston, Dean, College of Human Medicine for follow-up study of graduates of the College of Human Medicine.
113. Grant of \$7,000 from Michigan Heart Association, Southfield, Michigan, to be used under the direction of R. Echt in the Department of Anatomy for the hypoxic lung and its in vivo microcirculation study.
114. Grant of \$18,227 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction G. M. Lew in the Department of Anatomy for the study of oral contraceptives and hypertension.
115. Grant of \$124,989 from the National Institute of Health, Bethesda, Maryland, to be used under the direction of C. C. Sweeley in the Department of Biochemistry for Chemistry and Metabolism of Sphingolipids.
116. Grant of \$49,650 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. W. Wells in the Department of Biochemistry for Metabolism of Myo-Inositol during development.
117. Grant of \$34,160 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of J. I. Johnson, Jr. in the Department of Biophysics for the development of afferent neural centers.
118. Grant of \$71,180 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of J. E. Trosko in the Department of Human Development for DNA repair and mutagenesis in mammalian cells.
119. Grant of \$15,750 from Lilly Research Laboratories, Indianapolis, Indiana, to be used under the direction of D. C. Anderson in the Department of Human Development for unrestricted research in infectious diseases.
120. Grant of \$1,000 from Michigan Lupus Foundation to be used under the direction of W. B. Weil in the Department of Human Development for unrestricted research.
121. Grant of \$2,600 from The Upjohn Company, Kalamazoo, Michigan, to be used under the direction of A. F. Kohrman in the Department of Human Development for the study of juvenile diabetes in the state of Michigan.
122. Grant of \$250 from Hoffman-LaRoche, Incorporated, Nutley, New Jersey, to be used under the direction of G. H. Mayor in the Department of Medicine for nephrology program development.
123. Grant of \$200 from Bob V. Sanchez, Socorro, New Mexico, to be used under the direction of G. H. Mayor in the Department of Medicine for nephrology program development.
124. Grant of \$100 from Marion Laboratories, Incorporated, Kansas City, Missouri, to be used under the direction of D. Greenbaum in the Department of Medicine for speaker support.
125. Grant of \$75,647 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. W. Bull in the Department of Medicine for the Immunohematological Reference Center.
126. Grant of \$39,966 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. A. Patrick in the Department of Microbiology and Public Health for studies on complement cleavage reactions.
127. Grant of \$12,500 from the Michigan Heart Association, Southfield, Michigan, to be used under the direction of R. J. Moon in the Department of Microbiology and Public Health for the study of endotoxemia and cardiovascular shock.
128. Grant of \$14,000 from the Michigan Heart Association, Southfield, Michigan, to be used under the direction of J. C. Mattson in the Department of Pathology for the continuation of studies on the localization of platelet contractile protein thrombosthenin.
129. Grant of \$14,000 from the Michigan Heart Association to be used under the direction of A. Michelakis in the Department of Pharmacology for isolation, purification and radioimmunoassay of Renin.
130. Grant of \$13,524 from the Michigan Heart Association, Southfield, Michigan to be used under the direction of J. L. Stickney in the Department of Pharmacology for Transport of NE by Sympathetic Neurons of SHR.
131. Grant of \$13,229 from the Michigan Heart Association, to be used under the direction of K. E. Moore in the Department of Pharmacology for the study of stress and the Cardiovascular System.

Gifts and  
Grants

## B. GIFTS AND GRANTS, continued

June 23-24, 1977

132. Grant of \$8,435 from the Michigan Heart Association, to be used under the direction of G. L. Gebber in the Department of Pharmacology for Sympathoinhibitory Systems of Non-Baroreceptor Origins.
133. Grant of \$5,000 from Adria Laboratories, Wilmington, Delaware, to be used under the direction of J. Hook in the Department of Pharmacology for unrestricted use.
134. Grant of \$53,907 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of G. J. Grega in the Department of Physiology for "Pathophysiology of Circulatory Shock".
135. Grant of \$39,874 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. J. Esselman in the Department of Surgery to study the expression of T lymphocyte differentiation antigens.
136. Grant of \$1,500 from Lansing Community College, Lansing, Michigan, to be used under the direction of J. Papsidero in the Office of Health Services Education and Research for a survey of physical fitness needs in the Lansing area.
137. Grant of \$1,000 from Tri-County Health Unit, Michigan Heart Association, Lansing, Michigan, to be used under the direction of J. Papsidero in the Office of Health Services Education and Research for a survey of physical fitness needs in the Lansing area.
138. Grant of \$9,150 from the National Science Foundation, Washington, D.C. to be used under the direction of M. Harrison and C. Sowder in Lyman Briggs College for the Efficacy of Selenium in Decreasing Methylmercury Toxicity: A Neurological and Chemical Study.
139. Grant of \$40,800 from National Science Foundation, Washington, D.C., to be used under the direction of K. Nadler in the Department of Botany and Plant Pathology for studies of Heme and Hemoglobin Synthesis in Soybean Root Nodules and other research studies.
140. Grant of \$74,000 from the National Science Foundation, Washington, D.C. to be used under the direction of H. Hart in the studies in synthetic and mechanistic chemistry, in the Department of Chemistry.
141. Grant of \$25,000 from the National Science Foundation, Washington, D.C. to be used under the direction of R. H. Grubbs in the Department of Chemistry in the preparation and mechanisms of reaction of transition metal organics.
142. Grant of \$45,000 from the National Science Foundation, Washington, D.C., to be used under the direction of P. J. Wagner in the Department of Chemistry for "Ketone Photoreactions as Monitors for General Excited State Behavior".
143. Grant of \$9,000 from the American Chemical Society-Petroleum Research Foundation to be used under the direction of C. K. Chang in the Department of Chemistry, for "Molecular Oxygen Activation by Cytochrome P-450 Model Systems".
144. Grant of \$9,000 from the American Chemical Society-Petroleum Research Foundation to be used under the direction of G. T. Babcock in the Department of Chemistry for "Membrane Gradients and Oxygen Evolution in Photosynthesis".
145. Grant of \$73,945 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. Hart for studies in organic syntheses in Chemistry.
146. Grant of \$300 from Keck Consulting Services, Inc., East Lansing, Michigan, to be used under the direction of R. S. Carmichael in the Department of Geology to support research in the field of geophysics.
147. Grant of \$2,000 from Michigan State University Foundation, East Lansing, Michigan, to be used under the direction of R. S. Harmon in the Department of Geology to support the study and understanding of the cause of past climate change through further testing of the astronomical theory of Pleistocene climate change against the terrestrial paleoclimate record as it is preserved in caves in North America.
148. Grant of \$35,202 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. N. Costilow in the Department of Microbiology and Public Health for study of Metabolism of Amino Acids by Clostridia.
149. Grant of \$130,000 from the National Science Foundation, Washington, D.C., to be used under the direction of J. Bass, F. Blatt, W. Pratt and P. Schroeder in the Department of Physics for Electronic Properties of Metals and Alloys.
150. Grant of \$58,000 from the National Science Foundation, Washington, D.C. to be used under the direction of J. Bass and C. Foiles in the Department of Physics for Studies of Electron Transport and Magnetic Interactions in Metals.

## B. GIFTS AND GRANTS, continued

June 23-24, 1977

Gifts and  
Grants

151. Grant of \$1,847 from Michigan State University Foundation, East Lansing, Michigan, to be used under the direction of D. Beaver in the Department of Zoology for publication of a check list of mid-Michigan birds in Michigan State University Museum series.
152. Grant of \$49,721 from the National Institute of Health, Bethesda, Maryland, to be used under the direction of E. M. Rivera in the Department of Zoology for Carcinogen-Induced Rat Mammary Hyperplasias study.
153. Grant of \$1,425.20 from various donors to be used under the direction of J. J. Gallagher in the Science and Mathematics Teaching Center to continue the effort in improvement of energy education in Michigan elementary and secondary schools.
154. Grant of \$37,179 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. L. Smith in the Department of Biochemistry for regulation of Uterine Prostaglandin Biosynthesis.
155. Grant of \$38,039 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of J. I. Goodman in the Department of Pharmacology for study of normal and precancerous regenerating liver in vitro.
156. Grant of \$9,880 from the Michigan Heart Association to be used under the direction of J. M. Schwinghamer in the Department of Physiology for study of "Circulatory Control During Hemorrhage".
157. Grant of \$4,500 from Michigan State University Foundation, East Lansing, Michigan, to be used under the direction of J. Spielberg and B. Gallin in the Department of Anthropology to support the investigation of effects of work-limiting health conditions on the productivity, occupational mobility and inter-regional/rural-urban migration among farm laborers: a pilot study of Mexican American agricultural migrant labor.
158. Grant of \$4,000 from Michigan State University Foundation, East Lansing, Michigan, to be used under the direction of L. A. Messe and G. E. Stollak in the Department of Psychology to support a multitrait-multimethod psychometric examination of measures of perceptual style, a possible variable having major impact on children's sociopsychological development.
159. Grant of \$10,000 from the National Science Foundation, Washington, D.C., to be used under the direction of J. E. Gullahorn in the Department of Psychology for women in Science Career Workshop.
160. Grant of \$8,564 from the Law Enforcement Assistance Administration, U. S. Department of Justice, Washington, D.C., to be used under the direction of J. H. McNamara in the Department of Criminal Justice to be used in dissertation research, titled, "Spatial Models for Analyzing Crime Statistics: A Case Study Using Rape Data From San Diego".
161. Grant of \$3,600 from the Office of Criminal Justice Programs, Lansing, Michigan, to be used under the direction of J. H. McNamara in the Department of Criminal Justice to evaluate the effectiveness of federally funded Special Police Units and Youth Service Bureau Projects in the State of Michigan.
162. Grant of \$10,000 from Rockefeller Foundation, New York, New York, to be used under the direction of R. L. Green, Dean of the College of Urban Development, to be used for a conference on successful implementation of school desegregation.
163. Grant of \$14,900 from the Michigan Department of Education, Lansing, Michigan, to be used under the direction of W. Brookover and L. Lezotte in the Department of Urban and Metropolitan Studies to explore the change process in improving elementary schools.
164. Grant of \$10 from Priscilla B. Eames, Portsmouth, New Hampshire, to be used under the direction of J. R. Welser, Dean of the College of Veterinary Medicine for unrestricted use.
165. Grant of \$50 from Ann Arbor Kennel Club to be used under the direction of W. F. Keller in the College of Veterinary Medicine to be used by the Department of Small Animal Surgery and Medicine.
166. Grant of \$855 from the Ingham County Kennel Club, Incorporated, to be used under the direction of W. F. Keller in the College of Veterinary Medicine to be used by the Department of Small Animal Surgery and Medicine.
167. Grant of \$150 from Mr. and Mrs. Richard A. Kallal, Hillsdale, Illinois, to be used under the direction of U. V. Mostosky in the College of Veterinary Medicine, to be used by the the Department of Small Animal Surgery and Medicine.
168. Grant of \$33,653 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of L. F. Velicer in the Department of Microbiology and Public Health for Molecular Biology of RNA Tumor Viruses.



Gifts and  
Grants

## B. GIFTS AND GRANTS, continued

June 23-24, 1977

169. Grant of \$4,550 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of A. Trapp in the Department of Pathology, for services to perform the following tests and procedures on approximately seven cows from quarantined herd contaminated with PCP's, at a cost of \$650 per animal: sacrifice, autopsy, tissue collection, gross pathology, preparation of tissue, preparation of slides, staining of slides, interpretation of slides, clinical chemistries, and other chemical analyses.
170. Grant of \$67,320 from the National Institutes of Health, Bethesda, Maryland to be used under the direction of J. Meites, in the Department of Physiology to study "Hypothalamo-Pituitary-Ovarian Relationships in Aging Rat".
171. Grant of \$10,359 from the Council on Library Resources, Washington, D.C. to be used under the direction of H. J. Oyer, Dean of the Graduate School to provide Beth J. Shapiro with a fellowship for continuation of her studies in sociology.
172. Grant of \$2,500 from Hoffman-LaRoche, Incorporated, Nutley, New Jersey, to be used under the direction of W. Wells and C. Wells in Continuing Education Service to offset expenses of conference, "International Conference on the Cyclitrols and Phosphoinositides".
173. Grant of \$35,000 from the State of Michigan - Executive Office, Lansing, Michigan, to be used under the direction of R. C. Anderson in the Institute for Community Development to develop an effective system for tracking personnel actions and decisions, and training personnel managers and affirmative action officers in implementing and using the system.
174. Grant of \$38 from Midwest Universities Consortium for International Activities, Incorporated, Madison, Wisconsin, to be used under the direction of R. Barlowe in the Department of Resource Development to be used as supplemental funds in land policies.
175. Grant of \$114.47 from Midwest Universities Consortium for International Activities, Incorporated, Madison, Wisconsin, to be used under the direction of I. Wyeth in the Institute of International Agriculture to supplement funds for international linkages.
176. Grant of \$1,500 from East Lansing State Bank, to be used under the direction of R. Page in Instructional<sup>and</sup>/Public Television to support program activities of WKAR-TV.
177. Grant of \$2,570<sup>and</sup> from various donors to be used under the direction of R. Page, in Instructional<sup>and</sup>/Public Television to support program activities of WKAR-TV.
178. Grant of \$1,500 from Bretton Woods Lions Club, Lansing, Michigan to be used under the direction of R. Estell in Radio Broadcasting (WKAR AM-FM) in support of sub-channel reading programs provided for the print handicapped in the mid-Michigan area.
179. Grant of \$145 from various donors to be used under the direction of R. Estell in Radio Broadcasting (WKAR AM-FM) to support sub-channel reading programs provided for the print handicapped in the mid-Michigan area.
180. Grant of \$2,300 from various donors to be used under the direction of R. Estell in Radio Broadcasting (WKAR AM-FM) to support the program activities of WKAR Radio.
181. Grant of \$2,664.60 from Gourdie, Fraser and Associates, Incorporated, Grand Rapids, Michigan, to be used under the direction of W. A. Lovis in The Museum, for an archaeological survey of Pointe LaBarb area, St. Ignace, Michigan.
182. Grant of \$10,000 from the Association of American Medical Colleges, Washington, D.C., to be used under the direction of T. M. Freeman in the Office of Institutional Research for the implementation of the procedures in the Manual of Procedures and Guidelines of the Association by applying the methodology to the participating institutions data on resources inputs and sources of funds.
183. Grant of \$2,574.30 from the Estate of Rena Crane Kuenzel, Long Beach, California, to be used under the direction of C. R. Wharton, Jr., President of Michigan State University, for unrestricted use.
184. Grant of \$1,046.12 from the Estate of John Schwab, Bay City, Michigan, to be used under the direction of C. R. Wharton, Jr., President of Michigan State University, for unrestricted use.
185. Grant of \$450 from the East Lansing Lions Club, East Lansing, Michigan, to be used under the direction of J. B. Hamilton, in the Office of Special Programs, to purchase equipment for the students using the reading room.
186. Grant of \$200 from various to be used under the direction of J. B. Hamilton in the Office of Special Programs to purchase equipment necessary for blind students' use in the reading room.

B. GIFTS AND GRANTS, continued

June 23-24, 1977

Gifts and Grants

- 187. Grant of \$200 from J. D. Anderson, Grand Ledge, Michigan, to be used under the direction of M. Baron, Director of the Division of Campus Park and Planning for the planting of a tree on campus to add to the beauty of the landscaping.
- 188. Grant of \$10,626.93 from the Trustees of Forest H. Akers, to be used under the direction of R. E. Wilkinson, Vice President for Business and Finance, towards completion of the remaining 9 holes on the Forest Akers Golf Course.
- 189. Grant of \$1,000 from Marsh & McLennan Insurance, Detroit, Michigan, to be used under the direction of N. Elliott in the Office of the Vice President for Business and Finance for a loan payment on Troy Management Education Center.
- 190. Grant of \$20,948.90 from the Estate of Maynard Schultz, Grand Ledge, Michigan to be used under the direction of L. W. Scott, Vice President for University Development to be designated for the Ralph Young Fund.
- 191. Grant of \$72,750 (3,000 shares of Borden, Incorporated stock) from the Estate of Estelle R. Warren to be used under the direction of L. W. Scott, Vice President of University Development, to be designated for the Museum through the Enrichment Program; partial distribution of estate.

Motion was made by Trustee Carrigan, seconded by Trustee Bruff, to accept the Gifts and Grants. Unanimously approved.

C. BIDS AND CONTRACT AWARDS

Bids and Contract Awards

- 1. Bids were received on May 16, 1977 for the Attemperator Water Treatment System for Unit 3 of Power Plant 65. The scope of this project includes the installation of a mixed bed demineralizer polisher to provide high quality water to the Unit 3 attemperator. The attemperator prevents excessive excursions of the steam temperature which could cause turbine damage. The cleaner water produced by this new demineralizer will prevent the gradual disposition of dissolved solids on the turbine blades. The alternate bid would delete the heat exchanger, flash tank and accessory piping from the project.

Contract awarded to J. E. Green Plbg. & Htg. Co. for Attemperator Water Treatment System for Unit 3 of Power Plant 65

<u>Contractor</u>	<u>Base Bid</u>	<u>Deductive Alternate</u>
John E. Green Plumbing & Heating	\$261,400	\$26,500
Bosch Plumbing & Heating	270,200	29,320
Phoenix Contractor, Inc.	295,700	27,000
Shaw-Winkler, Inc.	346,403	39,199

It is recommended that a contract be awarded to the low bidder, John E. Green Plumbing & Heating of Lansing, in the amount of \$261,400, and that the following project budget be established:

General Contract	\$261,400
Mixed Bed Demineralizer (through purchase order)	70,201
Contingency	13,399
Engineering Fee (CAI)	30,000
Construction Inspection	5,000
TOTAL	\$380,000

This project is funded from the Power Plant capital outlay appropriation.

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

Unanimously approved on motion by Trustee Bruff, seconded by Trustee Radcliffe.

- 2. Jenison Fieldhouse - Air Condition Rooms 210, 222, and 228

The following bids were received on June 1, 1977 for Jenison Fieldhouse - Air Condition Rooms 210, 222, and 228. This project involves the installation of a water chiller and individual room fan coil units to provide conditioned air to the ticket office area located on the second floor. To minimize energy usage, this system will operate only when the individual areas are occupied and there is a need for cooling. This area is fully occupied during the summer.

Contract awarded for Air Conditioning Rooms 210, 222, 228 Jenison Fieldhouse

<u>Contractor</u>	<u>Base Bid</u>
Underhill Plumbing & Heating Company, Inc.	\$35,815
Dard, Incorporated	39,440
Shaw-Winkler, Incorporated	41,712

continued. . .

Bids and  
Contract  
Awards

C. BIDS AND CONTRACT AWARDS, continued

June 23-24, 1977

2. Jenison Fieldhouse - Air Condition Rooms 210, 222, and 229, continued

It is recommended that a contract be awarded to Underhill Plumbing & Heating Company, Incorporated of Mason, Michigan, in the amount of \$35,815, and that the following project budget be established:

Underhill Plumbing & Heating Company, Inc.	\$35,815
Contingencies	3,485
Engineering, Supervision & Expediting	3,700
Total Expected Expenditures	\$43,000

This project will be funded from Account 21-1775, Special Improvements.

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

Unanimously approved on motion by Trustee Bruff, seconded by Trustee Carrigan.

Fire Safety  
Improvements -  
Agriculture  
Hall

3. Bids were received on June 2, 1977 for Agriculture Hall - Fire Safety Improvements. This project involves the installation of an exterior fire escape on the east side of the building. The work includes replacement of three windows with fire escape doors and interior modifications to provide accessible routes to the new fire escape. The fire escape is being constructed to provide a secondary means of egress from the building and to comply with school fire safety regulations.

<u>Contractor</u>	<u>Base Bid</u>
Hanel-Vance Construction Company	\$43,990
Nielsen Construction Company	46,775
McNeilly Construction, Inc.	46,788
Hausman Construction Company	49,455
Foster-Schermerhorn-Barnes, Inc.	51,733
B. J. Siwek Construction Company	52,600
Featherly Construction Company	53,000

It is recommended that a contract be awarded to Hanel-Vance Construction Company of Okemos, Michigan, in the amount of \$43,990, and that the following project budget be established:

Hanel-Vance Construction Company	\$43,990
Contingencies	8,010
Engineering, Supervision & Expediting	8,000
Total Expected Expenditures	\$60,000

Mr. Robert Siefert, the University Architect, has advised that funds for this will be provided by the Bureau of Facilities of the State of Michigan, and an appropriate account number will be established upon the award of the contract.

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

Unanimously approved on motion by Trustee Bruff, seconded by Trustee Carrigan.

Dormitory  
Clothes Dryer  
Installation

4. Bids were received on June 3, 1977 for Dormitory Clothes Dryer Installation. This project involves the removal of 62 outmoded clothes dryers in Holmes, Hubbard, McDonel, Shaw, Holden and Owen Halls, and the installation of 68 new dryers. The replacement includes reworking the utilities serving the dryers and some modifications to the duct work.

<u>Contractor</u>	<u>Base Bid</u>
Shaw-Winkler, Incorporated	\$38,392
John E. Green Plumbing & Heating Company	45,400
Dard, Incorporated	46,800

It is recommended that a contract be awarded to Shaw-Winkler, Incorporated of East Lansing, Michigan, in the amount of \$38,392, and that the following project budget be established:

Shaw-Winkler, Incorporated	\$38,392
Contingencies	7,108
Engineering, Supervision & Expediting	4,000
Total Expected Expenditures	\$49,500

This project will be funded from Account 21-2863, Housing and Food Services.

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

Unanimously approved on motion by Trustee Bruff, seconded by Trustee Stevens.

## C. BIDS AND CONTRACT AWARDS, continued

June 23-24, 1977

Bids and  
Contract Awards

5. Bids were received on June 7, 1977 for the Cyclotron Building - West High Bay Addition. The scope of this project is a small addition of approximately 3100 square feet to house the 500 MeV injector cyclotron, which is now under construction at the Cyclotron Laboratory. The grant application and commitment were previously approved by the Board of Trustees.

Cyclotron Bldg.,  
West High Bay  
Addition

<u>Contractor</u>	<u>Base Bid</u>
Nielson Construction Company	\$263,936
Foster-Schermerhorn-Barnes	269,800
Charles Featherly	275,000
Haussman Construction	287,400
Design & Build	288,000
Christman Company	289,576
McNeilly Construction	298,798
Hanel-Vance Construction	300,400
Clark Construction Company	317,307

It is recommended that a contract be awarded to the Nielsen Construction Company of Holt, Michigan, in the amount of \$263,936, and that the following project budget be established:

Nielsen Construction Company	\$263,936
Contingencies	19,500
Architect Fees	17,553
Site Development	8,800
Engineering, Supervision & Expediting	<u>4,000</u>

Total Expected Expenditures \$313,789

At the time of the grant submission, the Board of Trustees committed to fund this project from the University General Fund.

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

Unanimously approved on motion by Trustee Bruff, seconded by Trustee Stevens.

6. Bids were received on June 8, 1977 for Kellogg Center - 1977 Alterations. This project involves the replacement of a rooftop air conditioning system serving five conference rooms and re-roofing of the area, the installation of a new water softener, and the replacement of temperature controls throughout the building. The air conditioning modification replaces a deteriorated system and facilitates roof construction and future maintenance by moving all equipment to an interior mechanical room. The existing water softener is severely corroded and not repairable. Present temperature controls are malfunctioning and replacement parts cannot be obtained. Manual controls in the guest rooms will be replaced with automatic controls for improved occupant comfort.

Kellogg Center -  
1977 Alterations

<u>Contractor</u>	<u>Base Bid</u>
Haussman Construction Company	\$184,350
McNeilly Construction, Inc.	185,521
Hanel-Vance Construction Company	186,100
Featherly Construction Company	190,000

It is recommended that a contract be awarded to Haussman Construction Company of Lansing, Michigan, in the amount of \$184,350, and that the following project budget be established:

Haussman Construction Company	\$184,350
Contingencies	22,650
Engineering, Supervision & Expediting	<u>23,000</u>

Total Expected Expenditures \$230,000

This project will be funded from Account 21-3173, Kellogg Center SE Conference Room Area.

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

Unanimously approved on motion by Trustee Stevens, seconded by Trustee Bruff.

7. Bids were received on June 15, 1977 for the Installation of the Manual Sprinkler Irrigation System for the Nine-Hole Addition to Akers East Golf Course. This project involves the initial phase of the installation of the irrigation system for the nine-hole addition.

Manual  
Sprinkler Irri-  
gation System  
for Nine-hole  
addition to  
Akers East  
Golf Course

Bids and  
Contract  
Awards  
  
Golf Course,  
cont.

C. BIDS AND CONTRACT AWARDS, continued June 23-24, 1977

7. Irrigation for Nine-Hole Golf Course Addition, continued

<u>Contractor</u>	<u>Base Bid</u>
Wolverine Trenching Service	\$29,500
Sprinkler Services Company	29,994
Thielen Turf Irrigation, Incorporated	33,000
Omega Lawn Sprinkling Company	37,500

It is recommended that a contract be awarded to the Wolverine Trenching Service of Fennville, Michigan in the amount of \$29,500.

Gift funds are being provided for the completion of the golf course project.

RESOLVED that the above contract be awarded as recommended.

Unanimously approved on motion by Trustee Stevens, seconded by Trustee Radcliffe.

Other Items  
For Action

D. OTHER ITEMS FOR ACTION

Investment  
Transactions

1. Investment Transactions

Following the discretionary authority granted by the Board of Trustees, Scudder, Stevens & Clark completed investment transactions as shown in the report distributed to the Trustees and filed in the Secretary's Office.

RESOLVED that the investment report be accepted.

Unanimously approved on motion by Trustee Carrigan, seconded by Trustee Bruff.

Revisions to  
Faculty, Staff  
and Visitors  
Parking  
Regulation

2. Revisions to Faculty, Staff and Visitors Parking Regulation

Changes recommended by the All University Traffic Committee for the Faculty, Staff and Visitors Parking Regulation were distributed to the Trustees and a copy is filed in the Secretary's Office. The Administration concurs in the recommended changes.

RESOLVED that the Faculty, Staff and Visitors Parking Regulation revisions be approved as recommended, to be effective September 1, 1977.

Unanimously approved on motion by Trustee Radcliffe, seconded by Trustee Carrigan.

Revisions to  
Student Motor  
Vehicle  
Regulation

3. Revisions to Student Motor Vehicle Regulation

The All University Traffic Committee's proposed revisions to the Student Motor Vehicle Regulation were distributed to the Trustees and a copy is on file in the Secretary's Office. The Administration concurs in the recommended changes.

RESOLVED that the Student Motor Vehicle Regulation revisions be approved as recommended, to be effective September 1, 1977.

Unanimously approved on motion by Trustee Bruff, seconded by Trustee Radcliffe.

Closing of  
Books 1976-77

4. Closing of Books 1976-77

It is requested that Vice President Wilkinson be authorized to complete the closing entries of the financial records of the University for the fiscal year ending June 30, 1977, with final accounting to be made to the Board of Trustees during the presentation of the audited financial statements by Ernst & Ernst and the University representatives.

RESOLVED that the above recommendation be approved for the fiscal year ending June 30, 1977.

Unanimously approved on motion by Trustee Bruff, seconded by Trustee Stevens.

Continuation  
of Operation  
of Univ. at  
1976-77 Level  
until Budget  
approved

5. Continuation of Operation of the University at 1976-77 Level

It is requested that the University Administration be authorized to continue to operate the University at the 1976-77 fiscal level until the 1977-78 budgets have been established and approved by the Board of Trustees.

RESOLVED that the above recommendation be approved for the 1977-78 fiscal year.

Unanimously approved on motion by Trustee Carrigan, seconded by Trustee Bruff.



## D. OTHER ITEMS FOR ACTION, continued

June 23-24, 1977

6. Revision of Dismissal Procedures for Tenured Faculty for CauseRevision of  
Dismissal Pro-  
cedures for  
Tenured Faculty  
approved

The Revision of the Dismissal Procedures for Tenured Faculty for Cause has now been approved by the University Committee on Faculty Tenure, the Faculty Council, the Academic Council and the Academic Senate.

The major substantive changes in the Procedures, as prepared by the Chairperson of the University Committee on Faculty Tenure (UCFT), are listed below:

1. Paragraph 1. The basis for dismissal is redefined from "gross violation of professional ethics" to "gross misconduct." In Appendix I, "gross misconduct" is described in terms of two separate areas of misconduct: (a) violations of professional ethics and (b) refusal to perform reasonable assigned duties.
2. I. An addition has been made to the requirement that the affected faculty member must be informed before any charges and given an opportunity to meet with the administrative officer who plans to make the charges: "In cases in which the faculty member is not in the United States or is otherwise not available for a personal meeting, the requirement of this section will be met by a telephone conversation and/or correspondence with a reasonable opportunity to respond."
3. II A & B. The roles of the Provost, the President and the unit administrator in bringing the charges are clarified.
4. II D. The Chairperson and Secretary of the Hearing Committee are to be elected by the UCFT from among the elected faculty members of the committee. The 1967 procedures specified that the "chairman of the Tenure Committee" would automatically "function as chairman of the Hearing Committee."
5. II D. In addition to challenges for cause, the document allows each party to the proceedings one peremptory challenge of a member of the Hearing Committee.
6. III A. A full record of the hearing is called for. The University administration is asked to "assure that administrators of affected units take all reasonable measures to reduce the Hearing Committee members' other responsibilities" during the time of the hearing.
7. III D. Provisions are made for the Hearing Committee, upon the request of the affected faculty member, to consider and decide if the hearing should be open. The apparent intent of the 1967 procedures was for closed hearings.
8. III F. Exceptions to the strict attendance requirements of the 1967 procedures (where only those members present for all sessions in which evidence was presented were allowed to vote) are allowed, for the purpose of expediting the hearing.
9. III H. In order to provide for a case where the faculty member refuses to respond to notification that charges are being filed or refuses to appear for the hearing, the following sentence has been added: "If the affected faculty member and his/her advisor or legal counsel choose not to exercise the right to be present, the chairperson at his/her discretion may conduct hearing sessions in the absence of the affected faculty member."
10. IV A. In order to specify the measure of evidence necessary for dismissal, a sentence has been added: "A written report which recommends dismissal of a tenured faculty member for cause shall state that the charges made against the affected member are clear and convincing."
11. IV C. The proceedings are terminated if a majority (rather than the two-thirds required in the 1967 procedures) of the voting members recommend retention of the faculty member without special conditions.
12. V. While publicity of the hearing is still discouraged, the hearing committee is now allowed to release records of the hearing if this is necessary "to insure truth and fairness."

The revisions in the procedures are submitted to the Board with the Administration's recommendation for approval, effective September 1, 1977.

RESOLVED that the Revision of Dismissal Procedures for Tenured Faculty for Cause be approved.

Motion was made by Trustee Martin, seconded by Trustee Carrigan, to approve the resolution. Trustee Bruff expressed concern regarding the issue of the bases for dismissal. It was agreed by Trustees Martin and Carrigan that their motion for approval would include the provision that the language expressing the bases for dismissal as listed in Appendix I would be reviewed by the Faculty Tenure Committee along with Vice President Carr for the purpose of clarification and additions if considered desirable. Unanimously approved.

## D. OTHER ITEMS FOR ACTION, continued

June 23-24, 1977

Amendments to  
Bylaws for  
Academic  
Governance  
approved

7. Amendments to the Bylaws for Academic Governance, 1975

The Academic Council on May 3, 1977, and the Academic Senate on May 18, 1977, approved amendments to the Bylaws for Academic Governance, 1975. The amendments to the Bylaws were grouped in four proposals:

Proposal I. This group of amendments provides for correction of titles, omissions that identify members of the Academic Council, and clarifications in wording. They make no change in the Bylaws.

Proposal II. This group of amendments adds the Provost to the Student Council. This is a change in the Bylaws. The request for these changes originated with members of the Student Council on the basis that many of the items that came before the Student Council involved academic questions.

Proposal III. This proposal provides a target date for college elections. In 1976, college elections were not completed until early June, making it difficult to organize standing committees before the summer break.

Proposal IV. This proposal expands the University Committee on Academic Policy and has been requested by that committee. It would provide a larger committee membership for committee work and would also provide wider college representation on questions that come before the committee.

These amendments (copy on file in the Secretary's Office) come to the Board with the Administration's recommendation for approval.

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

Unanimously approved on motion by Trustee Bruff, seconded by Trustee Stevens.

Continuous  
Appointment  
System and  
Ranks for  
Librarians  
approved

8. Continuous Appointment System and Ranks for Librarians

The Director of Libraries has submitted a proposal for a continuous appointment system and ranks for Librarians. This proposal has been reviewed and approved by the University Committee on Academic Governance. It also was included as an Information Item on the May 31 agenda of the Academic Council. No objections to implementation of the proposal were raised on the Council floor.

The proposal (copy on file in the Secretary's Office) comes to the Board with the Administration's recommendation for approval.

RESOLVED that the statement on Continuous Appointment and Ranks for Librarians be approved.

Unanimously approved on motion by Trustee Stevens, seconded by Trustee Carrigan.

Coop. Ext. Serv.  
Continuing  
Employment  
Policy and  
Dismissal Hear-  
ing Procedure  
revision  
approved

9. Cooperative Extension Service Continuing Employment Policy and Dismissal Hearing Procedure Revision

The Cooperative Extension Service is proposing a revision of their Continuing Employment Policy and Dismissal Hearing Procedure which was originally approved by the Board of Trustees on October 20, 1972, and revised on September 18, 1975.

The principal change proposed provides for the addition of a hearing procedure for staff members who are being dismissed but who have not yet attained continuing employment status. The proposed revision further provides for application to part-time employees.

The proposed additions to the document have included extensive CES field staff and Extension administration discussion. The revised document (copy on file in the Secretary's Office) comes to the Board with the Provost's Office recommendation for approval.

RESOLVED that the addition of a hearing procedure for Cooperative Extension Service staff members who have not attained continuing employment status be approved as a part of the Cooperative Extension Service Continuing Employment Policy and Dismissal Hearing Procedure.

Unanimously approved on motion by Trustee Carrigan, seconded by Trustee Bruff.

Amendments to  
Academic  
Freedom Report  
approved

10. Amendments to Academic Freedom Report

Amendments to Article 2 and Article 4 of the Academic Freedom Report were approved by the Academic Council on May 31, 1977, following approval by the Student Council, the Faculty Council (for Article 2), the University Committee on Student Affairs, and ASMSU.

D. OTHER ITEMS FOR ACTION, continued

June 23-24, 1977

10. Amendments to Academic Freedom Report, continued

In accordance with the procedures previously approved for revising this document, we are submitting these amendments to the Board of Trustees for approval. (Copy on file in the Secretary's Office.)

RESOLVED that the amendments to Article 2 and Article 4 of the Academic Freedom Report be approved.

Unanimously approved on motion by Trustee Carrigan, seconded by Trustee Bruff.

11. Architect for Human Ecology Building - Enclosed Exit Stair

Architect for  
Human Ecology  
Bldg. - Enclosed  
Stair Exit

Authorization has been received to proceed with an enclosed exit stair on the north side of the Human Ecology Building. This stair exit will complete all of the major items listed in the State Fire Marshal's inspection of June 10, 1975. Normally, Physical Plant would do the design work for this project, but due to their work load they cannot handle the project at this time.

We recommend that Nathan Johnson and Associates of Detroit be employed as architects for this project. The estimated budget is \$130,000.

RESOLVED that the above recommendation be approved.

Unanimously approved on motion by Trustee Smydra, seconded by Trustee Stevens.

12. Student Loan Funding

Student Loan  
Funding

At its meeting on April 22, 1977 the Board of Trustees authorized the Administration to proceed to secure funding up to \$1,000,000 for the Guaranteed Student Loan Program of the University for the 1977-78 fiscal year. Appropriate Resolutions, Financing and Security Agreement, Official Statement, and summary of Action were distributed with the agenda and are on file in the Secretary's Office. It is recommended that the Trustees adopt the proposed Resolutions and approve the Financing and Security Agreement.

RESOLVED that the documents relating to the financing of the 1977-78 Guaranteed Student Loan Program be approved.

Unanimously approved on motion by Trustee Carrigan, seconded by Trustee Bruff.

13. Revision of Rate Schedule for Investment Counsel

Revision of  
Rate Schedule  
for Investment  
Counsel  
approved

It is recommended by the Trustee Investment Committee that the following fee schedule be adopted effective January 1, 1977 for the payment of investment counsel fees to the firm of Scudder, Stevens & Clark:

<u>Current Fee Schedule</u>	<u>Proposed Fee Schedule</u>
Fee on \$ 2,000,000.00 @ 1/4 of 1%	.5 of 1% on the first \$1,000,000.00
Fee on \$ 2,000,000.00 @ 3/16 of 1%	.4 of 1% on the second \$1,000,000.00
Fee on \$ 2,000,000.00 @ 1/8 of 1%	.3 of 1% on the third \$1,000,000.00
Fee on \$ 3,000,000.00 @ 1/16 of 1%	.1 of 1% on the next \$7,000,000.00
Fee on \$13,451,988.78 @ 3/64 of 1%	.05 of 1% thereafter

RESOLVED that the above fee schedule be adopted as recommended.

Unanimously approved on motion by Trustee Carrigan, seconded by Trustee Bruff.

14. Fund Transfer to MSU Foundation

Fund transfer  
to MSU Founda-  
tion

It is recommended that \$25,000 be transferred from President Wharton's Directors Fees account to the MSU Foundation to cover the costs of the annual Presidents Club Day and similar fund-raising costs.

RESOLVED that this transfer be approved as recommended.

Unanimously approved on motion by Trustee Carrigan, seconded by Trustee Bruff.

## E. INFORMATION ITEMS AND REPORTS

June 23-24, 1977

Trustees' expenses April 1977

1. Trustees' expenses paid in April 1977 totaled \$2,397.57, broken down as follows:

	<u>Bruff</u>	<u>Carrigan</u>	<u>Krolikowski</u>	<u>Martin</u>	<u>Radcliffe</u>	<u>Smydra</u>	<u>Stack</u>	<u>Stevens</u>
Long-distance Telephone Charges	\$ 38.15	\$ 57.76	\$ 10.86	\$	\$ 30.97	\$ 133.77	\$34.82	\$ 11.52
Travel		78.30			115.73	301.20		90.00
Lodging and Subsistence	110.25	20.80	108.23	138.49		54.48	22.76	64.97
University Entertainment		27.30		17.70	17.83	494.85	17.70	11.50
Printing		91.50				168.90		
Postage	.50	19.33				.78		3.32
Other		15.00				88.30		
Total	\$148.90	\$309.99	\$119.09	\$156.19	\$164.53	\$1,242.28	\$75.28	\$181.31

Report on policy regarding wages and benefits paid by contractors doing work on campus

- 2.
- Policy Regarding Wages and Benefits Paid by Contractors Performing Work on Campus

Responding to an inquiry received by President Wharton and some Trustees regarding the University policy and practice relating to contractors performing work on campus, Vice President Wilkinson reported that the policy as administered by the Purchasing Department requires that all contractors must pay the prevailing wage rates of the various trades, including fringe benefits.

Report on selection of director for Administrative Data Processing Dept.

- 3.
- Director for Administrative Data Processing Department

Trustee Bruff asked for an update on the selection process for a new director of the Administrative Data Processing Department. Vice President Wilkinson reported that interviews are being conducted and it is hoped that a recommendation for a new director can be included in the July agenda.

Executive Session

- 4.
- Executive Session

President Wharton recommended that the Board move to an Executive Session to discuss two items: a land purchase and pending litigation.

Motion was made by Trustee Carrigan, seconded by Trustee Bruff, to go into Executive Session as provided by Sections 8 (d) and 8 (e) of the Open Meetings Act. There was a roll call vote to approve the motion with Trustees Bruff, Carrigan, Martin, Radcliffe, Smydra, Stack, and Stevens voting yea; no nays. (A copy of minutes is filed in the Executive Session Minutes Book in the Secretary's Office.)

The Board reconvened at 1:27 p.m., June 24, to discuss the 1977-78 budget.

Present: Trustees Carrigan, Bruff, Smydra, Stack, and Stevens; all University officers (Provost-designate Winder for Provost Boger); Faculty Liaison Group; Student Liaison Group.

Absent: Trustees Krolikowski, Martin, and Radcliffe.

## D. OTHER ITEMS FOR ACTION, continued

1977-78 Budget and Fees

- 15.
- 1977-78 Budget

President Wharton reviewed the budget planning materials describing minimal and stable options which had previously been distributed to the Trustees (copies on file in the Secretary's Office). He noted that if the Trustees could reach consensus on the general levels of salaries and fees, it would be desirable to schedule a special meeting of the Board within the next two weeks for approval of detailed salary guidelines. The Board would then hold its July meeting as scheduled and cancel its August meeting.

Provost-designate Winder and Vice President Wilkinson offered a detailed review of the academic and non-academic areas of the alternative budget proposals, noting that even the stable budget option would leave the University in a disadvantaged position relative to comparable AAU institutions.

Members of the Faculty and Student Liaison Groups expressed their preferences in respect to the two proposed budget options.

D. OTHER ITEMS FOR ACTION, continued

June 23-24, 1977

15. 1977-78 Budget, continued1977-78 Budget  
and Fees, cont.

The consensus appeared to be that although no one welcomes fee increases for students, it is preferable to pursue the stable budget option.

Trustee Carrigan moved, supported by Trustee Stevens, to instruct the Administration to continue preparation of the 1977-78 budget on the basis of the general level of expenditures proposed in the stable budget option. Carried by a vote of 5 to 0.

Trustee Stevens moved, supported by Trustee Carrigan, to approve the 1977-78 student fee rates proposed in the stable budget option with an additional \$.50 per credit hour charge for non-resident students. Unanimously approved. The rates thus approved are:

A. Course Fees (Per Credit)Resident

Lower Division	\$21.50
Upper Division	\$23.00
Graduate	\$28.00

Non-Resident

Lower Division	\$46.00
Upper Division	\$47.50
Graduate	\$52.50

B. Medical Fees (Per Term)Resident

Human and Osteopathic Medicine	\$685.00
Veterinary Medicine	\$560.00

Non-Resident

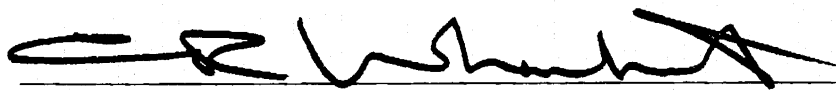
Human and Osteopathic Medicine	\$1,360.00
Veterinary Medicine	\$1,110.00

Off-campus course fees and the \$10 per term non-refundable registration fee remain at 1976-77 levels.


The Board agreed to schedule a special meeting for 7:30 p.m., Wednesday, July 6, to formally approve 1977-78 salary guidelines.

Adjourned.

NOTE: The special meeting scheduled for July 6 was postponed until July 14, 1977.



President



Secretary