MINUTES OF THE MEETING
of the
MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
February 25, 1977

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

Absent: No one.

The Board convened in the Board Room at 9:10 a.m., President Wharton presiding.

1. Trustee Bruff, supported by Trustee Radcliffe, moved the adoption of the agenda.

Trustee Carrigan proposed the addition of an item relating to the reporting of Trustees' expenses. She also wished to discuss correspondence she had received relating to snow removal as it affects handicappers' access to classes.

Agenda unanimously approved as amended.

2. On motion by Trustee Bruff, seconded by Trustee Carrigan, it was unanimously voted to approve the January 21, 1977 minutes.

3. Motion was made by Trustee Carrigan, seconded by Trustee Bruff, to approve the January 21, 1977 Executive Session action. Unanimously carried.

4. In addition to the established Audit, Investment, and Health Programs Committees, Chairperson Carrigan proposed the addition of a Land and Physical Facilities Committee and consideration of establishing an Affirmative Action Committee. For the latter, she suggested the establishment of an ad hoc committee composed of Trustee Martin as Chairman, and Trustees Radcliffe and Stevens to meet with Vice President Perrin and Assistant Vice President Bonner and report back to the March Board meeting whether such a committee would enhance the University's efforts in that area, what purposes the committee might serve, how it might function, etc. Other committee appointments were:

- **Audit Committee**
  - Dr. Stack
  - Mr. Smydra
  - Mr. Bruff
  - Dr. Carrigan (ex officio)

- **Investment Committee**
  - Mr. Krolikowski
  - Dr. Carrigan
  - Dr. Radcliffe

- **Health Programs Committee**
  - Dr. Stack
  - Dr. Martin
  - Mr. Smydra

- **Land and Physical Facilities Committee**
  - Mr. Stevens
  - Mr. Bruff
  - Mr. Krolikowski

On motion by Trustee Carrigan, seconded by Trustee Radcliffe, it was unanimously voted to approve the above committee appointments.

A. PERSONNEL CHANGES

Resignations

1. Dunstan S. C. Spencer, Associate Professor, Agricultural Economics, effective March 31, 1977, to take a position with West African Rice Development Association in Monrovia.
A. PERSONNEL CHANGES

Resignations, cont. February 25, 1977

17. Mary V. Groty, Special Assistant to Vice President for Business and Finance, Vice President for Business and Finance, effective February 28, 1977.

Leaves—Sabbatical

2. James H. Soltow, Professor, History, with full pay, effective October 1, 1977 through December 31, 1977, to study in Midwest.
3. Corliss R. Arnold, Professor, Music, with full pay, effective April 1, 1977 through June 30, 1977, to study and write in Europe and East Lansing.
4. Byron L. Autrey, Professor, Music, with full pay, effective April 1, 1977 through June 30, 1977, to conduct research.
5. Yash Pal Kupur, Professor, Audiology and Speech Sciences; and Surgery, with full pay, effective September 15, 1977 through March 15, 1978, to study in England, France, and India.
7. James L. Page, Professor, Teacher Education; and Learning and Evaluation Service, with full pay, effective July 1, 1977 through December 31, 1977, to study in the USA.
8. Richard L. Graham, Associate Professor, Human Environment and Design, with full pay, effective March 28, 1977 through September 25, 1977, to study in Great Britain and USA.
9. Ray E. Helfer, Professor, Human Development, with half pay, effective August 1, 1977 through July 31, 1978, to study at the University of Michigan.
10. Joan C. Mattson, Associate Professor, Pathology, with full pay, effective March 15, 1977 through September 14, 1977, to study in England and at Harvard.
11. Tai Akera, Professor, Pharmacology, with full pay, effective July 1, 1977 through December 31, 1977, to study in Japan.
12. Mary R. Josephs, Associate Professor, Justin Morrill College, with full pay, effective April 1, 1978 through June 30, 1978, to study in East Lansing and Paris.
13. William J. Hooker, Professor, Botany and Plant Pathology, with full pay, effective March 1, 1977 through August 31, 1977, to study and write in East Lansing.
14. C. E. Prouty, Professor, Geology, with full pay, effective April 1, 1977 through June 30, 1977, to study in Midwest.
15. Charles G. Eberly, Associate Professor, University College Student Affairs; and Learning and Evaluation Service, with half pay, effective September 1, 1977 through August 31, 1978, to study in Japan.
A. PERSONNEL CHANGES, continued

Health Leaves

1. Norman A. Brown, Professor and Program Director, 4-H Youth, with full pay, effective January 10, 1977 through February 13, 1977.
3. Thomas A. Muth, Assistant Professor, Telecommunication, with full pay, effective January 3, 1977 through March 27, 1977.
4. Mary S. Fedewa, Instructor and Nurse Clinician, Family Medicine, with full pay, effective January 24, 1977 through March 4, 1977.
5. Kenneth K. Keahey, Professor, Director, Animal Health Diagnostic Laboratory, Pathology, with full pay, effective October 18, 1976 through December 31, 1976.
7. Claire F. Berkman, Associate Professor, Counseling Center; and Psychiatry, with full pay, effective November 8, 1976 through January 17, 1977.

Other Leaves

2. Margaret A. Boschetti, Assistant Professor, Human Environment and Design, with full pay, effective September 1, 1977 through February 28, 1978, to study at the University of Michigan.
3. June G. Goodfield, Professor, Dean's Office, College of Human Medicine; and Philosophy, without pay, effective September 1, 1977 through August 31, 1978, to study at Rockefeller University.
4. Maris A. Abolins, Professor, Physics, without pay, effective May 1, 1977 through August 31, 1977, to study in Geneva, Switzerland.
5. Joseph Spießberg, Professor, Anthropology, without pay, effective May 1, 1977 through August 31, 1977, to serve as a visiting professor at the University of California, Santa Barbara.
7. Ruth Reinoehl, Specialist, University College Student Affairs, without pay, effective April 1, 1977 through July 31, 1977, to accompany husband on sabbatical leave.

Transfers and Changes in Assignment

1. An additional assignment as Consortium Director, MSU Uruguay Project, Institute of International Agriculture, effective December 15, 1976 through December 14, 1977, for Frank A. Madaski, Associate Professor and Regional Extension Supervisor, Cooperative Extension Service.
2. Transfer Doris J. Richardson from Extension Home Economist, Barry, Ionia, and Montcalm Counties, to County Extension Director, Barry County, with an increase in salary to $16,000 per year on a 12-month basis, effective March 1, 1977.
4. Change Charles R. Liston, Assistant Professor, Fisheries and Wildlife, from a temporary appointment at a salary of $17,900 per year to a tenure system appointment with an increase in salary to $19,000 per year on a 12-month basis, effective January 16, 1977.
5. Change in the beginning date of appointment of Kenneth W. Beckhow as Assistant Professor, Resource Development, from February 1, 1977 to March 1, 1977.
6. An additional assignment to the Institute of Agricultural Technology, effective January 1, 1977 through March 15, 1977, for J. Franklin Bobbitt, Associate Professor, Agricultural Economics and Secondary Education and Curriculum.
7. Transfer Arnold L. Mokma, Assistant Professor, from the Agriculture and Natural Resources Education Institute and Secondary Education and Curriculum, to the Institute of Agricultural Technology and a change from a temporary appointment to an appointment in the tenure system, effective January 1, 1977.
Transfers and Changes in Assignment

8. Change James C. Stalker from Associate Professor and Assistant Chairman, Department of English, and Associate Professor, English Language Center, to Associate Professor and Associate Chairman, Department of English, and Associate Professor, English Language Center, effective January 1, 1977.

9. An additional assignment to the Department of History, effective May 1, 1977 through August 31, 1977, for Fauzi Najjar, Professor, Department of Social Science.

10. An additional assignment to Religious Studies, effective September 1, 1977, for W. Fred Graham, Professor, Justin Morrill College.

11. An additional assignment to the Department of Economics, effective May 1, 1977 through August 31, 1977, for Philip E. Smith, Associate Professor, Department of Social Science.

12. Change Luthene A. Pommer, Instructor, Elementary and Special Education, from 50% time at a salary of $550 per month, to 75% time at a salary of $825 per month effective January 1, 1977, through February 28, 1977.

13. Change Delynn M. Orton, Specialist, Health, Physical Education and Recreation, from 50% time at $475 per month to 75% time at $712.50 per month effective January 1, 1977 through June 30, 1977.

14. Change Castelle G. Gentry, Associate Professor, Secondary Education and Curriculum, and Learning and Evaluation Service, from a 12-month basis at a salary of $23,700 per year, to a 10-month basis, at a salary of $18,960 per year, effective September 1, 1977.

15. Change J. Geoffrey Moore, Professor, Secondary Education and Curriculum, from a 12-month basis at a salary of $31,150 per year, to a 10-month basis at a salary of $24,920 per year, effective September 1, 1977.

16. An additional assignment as Associate Adjunct Professor, School of Advanced Studies in Education, effective January 1, 1977 through June 30, 1977 for Howard Teitelbaum, Associate Professor, Medical Education Research and Development.

17. Change Elizabeth Cobb, Specialist, Teacher Education, from 50% time at a salary of $5,175 per year, to 60% time at a salary of $6,210 per year on a 10-month basis, effective January 1, 1977 through August 31, 1977.


19. An additional assignment as Acting Chairman, Chemical Engineering, with an increase in salary to $34,275 per year on a 12-month basis, effective February 1, 1977, through June 30, 1977, for Donald K. Anderson, Professor, Chemical Engineering, Engineering Research, and Physiology.

20. An additional assignment as Associate Chairman, Department of Family Practice, effective February 1, 1977, for Rodman C. Jacobi, Associate Professor, Department of Family Practice.

21. An additional assignment to Health Services Education and Research and a change from 25% time at a salary of $3,150 per year to 100% time at a salary of $12,600 a year, effective January 1, 1977, through March 31, 1977, for Syed M. S. Haque, Specialist, Institute for International Studies in Education.

22. Change Karen E. Wilcock, Instructor, Health Services Education and Research, from 100% time at a salary of $14,110 per year to 25% time at a salary of $3,528 per year effective January 15, 1977 through June 30, 1977.

23. Change in terms of sabbatical leave for Brian A. Croft, Associate Professor, Entomology, from half pay effective December 1, 1976 through November 30, 1977, to full pay effective December 1, 1976 through August 31, 1977, and half pay pay effective September 1, 1977 through November 30, 1977.

24. Change Jan F. A. van Hienen, Research Associate, Cyclotron, from 25% time at a salary of $1,300 per year to 100% time at a salary of $11,300 per year on a 12-month basis, effective January 15, 1977 through March 31, 1977.

25. Transfer Mary S. Fedewa, Instructor and Nurse Clinician, from Office of Health Services and School of Nursing to Family Medicine, effective November 1, 1976, through April 15, 1977.

26. Change Walter J. Hoppe, Assistant Clinical Professor, Family Medicine, from 30% time at a salary of $9,500 per year to 60% time at a salary of $19,200 per year on a 12-month basis, effective December 16, 1976 through March 15, 1977.

27. Change Dorothy E. Carnegie from Professor and Acting Chairman to Professor, Osteopathic Medicine, effective January 1, 1977.
<table>
<thead>
<tr>
<th>Transfers and Changes in Assignment</th>
<th>February 25, 1977</th>
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<tbody>
<tr>
<td><strong>Transfers and Changes in Assignment, cont.</strong></td>
<td></td>
</tr>
<tr>
<td>28. An additional assignment as Acting Chairman, Department of Osteopathic Medicine, effective January 1, 1977, for Donald McBride, Professor, Osteopathic Medicine, and Assistant Dean for Continuing and Graduate Medical Education, College of Osteopathic Medicine.</td>
<td></td>
</tr>
<tr>
<td>29. Change Arthur R. Charnov, Associate Clinical Professor, Department of Osteopathic Medicine, from variable time at no salary to 13% time at a salary of $2,340 for the period January 1, 1977, through June 30, 1977.</td>
<td></td>
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<tr>
<td>30. Change Thomas E. Graddy, Assistant Clinical Professor, Department of Osteopathic Medicine, from variable time at no salary to 8% time at a salary of $1,440 for the period January 1, 1977, through June 30, 1977.</td>
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<tr>
<td>31. Change Peter Krenitsky, Clinical Professor, Department of Osteopathic Medicine, from variable time at no salary to 6% time at a salary of $1,170 for the period January 1, 1977, through June 30, 1977.</td>
<td></td>
</tr>
<tr>
<td>32. Change James R. Lyne, Assistant Clinical Professor, Department of Osteopathic Medicine, from variable time at no salary to 8% time at a salary of $1,440 for the period January 1, 1977, through June 30, 1977.</td>
<td></td>
</tr>
<tr>
<td>33. Change Robert F. Schirmer, Clinical Professor, Department of Osteopathic Medicine, from variable time at no salary to 12% time at a salary of $2,340 for the period January 1, 1977 through June 30, 1977.</td>
<td></td>
</tr>
<tr>
<td>34. Change Michael Schnitzer, Clinical Professor, Department of Osteopathic Medicine, from variable time at no salary to 6% time at a salary of $1,170 for the period January 1, 1977 through June 30, 1977.</td>
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<tr>
<td>35. An additional assignment to the Department of Pharmacology, effective February 1, 1977, through June 30, 1977, for Irvin M. Korr, Professor, Department of Biomechanics.</td>
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<tr>
<td>36. Transfer Alan Cohn, Assistant Clinical Professor, from the Department of Osteopathic Medicine to the Department of Radiology, effective September 1, 1976 through June 30, 1977.</td>
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<tr>
<td>37. Transfer Maurice A. Davidson, Assistant Clinical Professor, from the Department of Osteopathic Medicine to the Department of Radiology effective September 1, 1976 through June 30, 1977.</td>
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<tr>
<td>38. Transfer Donald N. Johnson, Associate Clinical Professor, from the Department of Osteopathic Medicine to the Department of Radiology effective September 1, 1976 through June 30, 1977.</td>
<td></td>
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<tr>
<td>39. Transfer David A. Kellam, Associate Clinical Professor, from the Department of Osteopathic Medicine to the Department of Radiology effective September 1, 1976, through June 30, 1977.</td>
<td></td>
</tr>
<tr>
<td>40. Transfer Eugene A. Kopple, Associate Clinical Professor, from the Department of Osteopathic Medicine to the Department of Radiology effective September 1, 1976, through June 30, 1977.</td>
<td></td>
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<tr>
<td>41. Change from variable time at no salary to 8% time at a salary of $1,200 for the period January 1, 1977, through June 30, 1977, for Irvin P. Adelson, Assistant Clinical Professor, Department of Psychiatry.</td>
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<tr>
<td>42. Change from variable time at no salary to 9% time at a salary of $1,000 for the period January 1, 1977 through June 30, 1977 for Felix Andrajkovich, Clinical Instructor, Department of Psychiatry.</td>
<td></td>
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<tr>
<td>43. Change Nancy Barker, Adjunct Instructor, Department of Psychiatry, from variable time at no salary to 21% time at a salary of $2,300 for the period January 1, 1977 through June 30, 1977.</td>
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<tr>
<td>44. Change Robert N. Elliott, Assistant Clinical Professor, Department of Psychiatry, from variable time at no salary to 15% time at a salary of $2,200 for the period January 1, 1977 through June 30, 1977.</td>
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<tr>
<td>45. Change Jack F. Enrooth, Assistant Clinical Professor, Department of Psychiatry, from variable time at no salary to 8% time at a salary of $1,200 for the period January 1, 1977 through June 30, 1977.</td>
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<tr>
<td>46. Change George S. Evseeff, Assistant Clinical Professor, Department of Psychiatry, from variable time at no salary to 15% time at a salary of $2,200 for the period January 1, 1977 through June 30, 1977.</td>
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<tr>
<td>47. Change Morris Frumin, Assistant Clinical Professor, Department of Psychiatry, from variable time at no salary to 15% time at a salary of $2,200 for the period January 1, 1977 through June 30, 1977.</td>
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</tbody>
</table>
Transfers and Changes in Assignment, cont.

48. Change Rafael M. Gonzalez, Assistant Clinical Professor, Department of Psychiatry, from variable time at no salary to 15% time at a salary of $2,200 for the period January 1, 1977 through June 30, 1977.

49. Change Girardin S. O'Sullivan, Assistant Clinical Professor, Department of Psychiatry, from variable time at no salary to 8% time at a salary of $1,200 for the period January 1, 1977 through June 30, 1977.

50. An additional assignment to the Dean's Office, College of Social Science, effective April 1, 1977 through June 30, 1977 for Ronald L. Shelton, Associate Professor, Resource Development and Urban Planning and Landscape Architecture.

51. Change in dates of sabbatical leave for Baljit Singh, Professor, Political Science, and Assistant Dean, College of Social Science, from April 1, 1977 through June 30, 1977, to October 1, 1977 through December 31, 1977.

52. Change of assignment for John M. Hunter from Professor, Geography and Community Medicine, and Professor and Director, African Studies Center, at a salary of $36,218 per year, to Professor, Geography and Community Medicine, at a salary of $35,010 per year on a 12-month basis, effective September 1, 1977. #A African Studies Center.

53. Payment of $2,400 plus retirement pay for the period March 1, 1977 through May 31, 1977. 50% time, for Hoyt Coe Reed, Associate Professor Emeritus, School of Criminal Justice.

54. An additional assignment as Acting Director, Animal Health Diagnostic Lab., Dean's Office, College of Veterinary Medicine, with an increase in salary to $93,550 per year on a 12-month basis, effective November 1, 1976 through December 31, 1976 for Allan L. Trapp, Professor, Department of Pathology.

55. An additional assignment as Acting Chairman, Department of Anatomy, with an increase in salary to $25,900 per year on a 12-month basis, effective January 1, 1977 through June 30, 1977 for Peter T. McGovern, Associate Professor, Departments of Large Animal Surgery and Medicine and Anatomy.

56. Change of assignment for Glenn A. Sandler, Instructor, from the Department of Anatomy and Dean's Office, College of Veterinary Medicine, to the Department of Anatomy, only, and a change from 50% time at a salary of $7,200 per year to 75% time at a salary of $10,800 per year effective January 1, 1977 through January 31, 1977; to February 1, 1977 through April 15, 1977.

57. An extension of assignment as Acting Director, Asian Studies Center, at a salary of $24,000 per year on a 10-month basis, effective January 1, 1977 through April 30, 1977 for Herbert C. Jackson, Professor, Religious Studies and Asian Studies Center.

58. An extension of assignment as Acting Clinical Director of Nursing, Office of Health Services, effective January 1, 1977 through June 30, 1977.

59. An additional assignment as Acting Assistant Director, Libraries, with an increase in salary to $17,750 per year on a 12-month basis, effective January 1, 1977 through March 31, 1977 for Elizabeth K. Johnson, Librarian, Libraries.

60. Approved the following for Victor N. Paananen, Associate Professor, Department of English:

a. Additional assignment to the Graduate School and change from a 10-month basis at a salary of $18,050 per year to a 12-month basis at a salary of $22,560 per year effective January 1, 1977 through January 31, 1977;

b. Assignment as Associate Professor, Department of English and Assistant Dean, the Graduate School, with an increase in salary to $23,400 per year on a 12-month basis, effective February 1, 1977.

61. An additional assignment to the Center for Environmental Quality effective January 1, 1977 through March 31, 1977 for Fred W. Bakker-Arkena, Professor, Agricultural Engineering.


63. Assignment of Kim A. Wilson, Assistant Professor, Dairy Science, and Assistant Director, Institute of International Agriculture, to Overseas-Uruguay at an overseas salary of $19,110 per year on a 12-month basis, effective February 1, 1977 through April 30, 1977.

64. Assignment of Robert C. Craig, Professor and Chairman, Counseling, Personnel Services and Educational Psychology, to Overseas-Zama effective March 21, 1977 through April 21, 1977.
## Transfers and Changes in Assignment, cont.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Details</th>
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<tbody>
<tr>
<td>69.</td>
<td>Peter A. McKinnon</td>
<td>Assignment of Peter A. McKinnon, Associate Professor, Humanities, to Overseas-London, effective March 28, 1977 through June 3, 1977.</td>
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<tr>
<td>70.</td>
<td>Carl Brautigam</td>
<td>Assignment of Carl Brautigam, Associate Professor, Administration and Higher Education, and Assistant Director, Placement Services, to Overseas-Zama, effective February 14, 1977 through March 17, 1977.</td>
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<td>71.</td>
<td>Herb Washington</td>
<td>Change Herb Washington from Administrative Assistant I A-P 8 to Student Advisor A-P 8, Dean's Office, College of Urban Development, with an increase in salary to $13,700 per year on a 12-month basis, effective January 1, 1977 through August 31, 1977.</td>
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<td>72.</td>
<td>John Hawkins</td>
<td>Change John Hawkins from Radio Engineer Tech II, CT 2, to Chief Radio Engineer A-P 12, Radio Broadcasting with an increase in salary to $17,000 per year on a 12-month basis, effective February 1, 1977.</td>
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<td>73.</td>
<td>Paul Oliaro</td>
<td>Change Paul Oliaro from 100% time Area Director, Housing Programs A-P 14, Residence Hall Programs, to 50% time Area Director, Housing Programs A-P 14, Residence Hall Programs at a salary of $8,440 per year on a 12-month basis, effective February 1, 1977, and 50% time Coordinator, Substance Abuse Program A-P 14, Office of Health Services, at a salary of $10,360 per year on a 12-month basis, effective February 1, 1977 through June 30, 1977.</td>
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<td>74.</td>
<td>Eunice Richardson</td>
<td>Change Eunice Richardson from Staff Nurse A-P 7 to Sr. Nurse Clinician A-P 10, Office of Health Services, with an increase in salary to $12,400 per year on a 12-month basis, effective January 1, 1977.</td>
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<td>75.</td>
<td>Terrie A. Reinoehl</td>
<td>Change Terrie A. Reinoehl from Secretary III-Conf. CT 9 to Class. Analyst A-P 9 with an increase in salary to $11,880 per year on a 12-month basis, effective February 1, 1977.</td>
</tr>
<tr>
<td>76.</td>
<td>Erling Jorgensen</td>
<td>Change Erling Jorgensen from Professor, Telecommunication and Secondary Education and Curriculum, and Director, Instructional Television Services, to Professor, Telecommunication and Secondary Education and Curriculum, and Associate Director, Academic Services, with an increase in salary to $32,475 per year on a 12-month basis, effective March 1, 1977.</td>
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<td>77.</td>
<td>Robert D. Page</td>
<td>Change Robert D. Page from Manager TV Station A-P 16, Television Broadcasting, to Director A-P 16, Instructional and Public Television, with an increase in salary to $27,300 per year on a 12-month basis, effective March 1, 1977.</td>
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## Salary Changes

<table>
<thead>
<tr>
<th>No.</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Increase in the salary of Russel W. Erickson, Assistant Professor, Dairy Science; and the Institute of Agricultural Technology, to $20,000 per year on a 12-month basis, effective March 1, 1977.</td>
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<tr>
<td>2.</td>
<td>Increase in the salary of James W. Schwalm, Research Associate, Dairy Science, to $13,600 per year on a 12-month basis, effective October 1, 1976 through March 31, 1977.</td>
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<tr>
<td>3.</td>
<td>Increase in the salary of Cyril A. Akpom, Associate Professor, Health Services Education and Research; and Urban and Metropolitan Studies, to $34,330 per year on a 12-month basis, effective December 1, 1976 through August 31, 1977.</td>
</tr>
<tr>
<td>4.</td>
<td>Ruth A. Lescoate, Assistant Professor, Medical Education Research and Development; and Director of Curriculum Planning and Implementation, College of Osteopathic Medicine, to $18,000 per year on a 12-month basis, effective January 1, 1977 through June 30, 1977, increase in the salary of</td>
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<tr>
<td>5.</td>
<td>Increase in the salary of Stephanie C. Perenteses, Librarian, Libraries, to $13,500 per year on a 12-month basis, effective February 1, 1977.</td>
</tr>
<tr>
<td>6.</td>
<td>Increase in the salary of Karen H. Friderici, Senior Research Assistant Nat./Health Science A-P 9, Biochemistry, to $12,469 per year on a 12-month basis, effective February 1, 1977.</td>
</tr>
</tbody>
</table>
A. PERSONNEL CHANGES, continued

Salary Changes, cont.

8. Increase in the salary of Everett Reneaud, Assistant Manager, Food Stores/Adm. A-P 11, Food Stores, Housing and Food Services, to $14,460 per year on a 12-month basis, effective January 1, 1977.

9. Increase in the salary of Ralph Wallace, Night Manager, Holden Hall A-P 8, Housing and Food Services, to $10,800 per year on a 12-month basis, effective January 1, 1977.

Appointments

1. Lester M. Schick, Extension 4-H Youth Agent, Wayne County, at a salary of $14,500 per year on a 12-month basis, effective March 1, 1977.

2. Thomas M. Zalla, Specialist, Agricultural Economics, at a salary of $22,000 per year on a 12-month basis, effective February 1, 1977 through January 31, 1978.


4. Ricardo Fuentes, Research Associate, Biochemistry, at a salary of $10,500 per year on a 12-month basis, effective February 1, 1977 through January 31, 1978.

5. Herman A. Nunez, Research Associate, Biochemistry, at a salary of $12,200 per year on a 12-month basis, effective February 1, 1977 through January 31, 1978.

6. George Santora, Research Associate, Biochemistry, at a salary of $10,500 per year, effective January 1, 1977 through December 31, 1977, 12-month basis.

7. Raymond Laurin, Research Associate, Crop and Soil Sciences, at a salary of $1,000 per month on a 12-month basis, effective December 16, 1976 through March 15, 1977.

8. Anthony V. Capuco, Specialist, Dairy Science, at a salary of $1,000 per month on a 12-month basis, effective January 1, 1977 through June 30, 1977.


10. Linda S. McPail, Specialist, Agriculture and Natural Resources Education Institute, at a salary of $20,500 per year on a 12-month basis, effective January 1, 1977 through September 30, 1977.

11. George Simmonds, Visiting Associate Professor, History, at a salary of $18,000 per year on a 12-month basis, effective March 1, 1977 through June 30, 1977.


13. Michael Burgoon, Visiting Associate Professor, Dean's Office, College of Communication Arts and Sciences, at a salary of $6,500 for the period April 1, 1977 through June 30, 1977.

14. Judee K. Burgoon, Visiting Assistant Professor, Dean's Office, College of Communication Arts and Sciences, at a salary of $5,000 for the period April 1, 1977 through June 30, 1977.


17. Regina M. Green, Instructor, Health, Physical Education and Recreation, at a salary of $12,480 per year on a 12-month basis, effective January 1, 1977 through July 31, 1977.

18. Claudia J. Knowles, Assistant Professor, Health, Physical Education and Recreation, at a salary of $13,250 per year on a 12-month basis, effective January 1, 1977 through December 31, 1977.


20. Marylee C. Wiley, Instructor, Secondary Education and Curriculum; University Extension, Continuing Education; International Extension, Continuing Education; and African Studies Center, at a salary of $12,000 per year on a 12-month basis, effective January 1, 1977 through June 30, 1977.


22. Pat J. Demarte, Assistant Professor, Teacher Education, in the tenure system, at a salary of $19,000 per year on a 12-month basis, effective March 1, 1977.

24. Craig F. Nern, Specialist, Civil and Sanitary Engineering; and Engineering Research, at a salary of $1,025 per month, effective January 1, 1977 through April 30, 1977.


26. Otto Krauss, Assistant Director, Engineering Research, 10% time, at a salary of $2,400 per year on a 12-month basis, effective January 1, 1977 through June 30, 1977.

27. Nancy McGilliard, Instructor, Family and Child Sciences, 40% time, at a salary of $1,480 for the period January 1, 1977 through March 31, 1977.

28. Kate F. Cunningham, Specialist, Institute for Family and Child Study; and Family and Child Sciences, 60% time, at a salary of $2,580 for the period January 1, 1977 through June 30, 1977.

29. Joelle André, Research Associate, Biochemistry, at a salary of $480 per year on a 12-month basis, effective January 1, 1977 through August 31, 1977.

30. Satoshi Aasai, Specialist, Biochemistry, at a salary of $1,800 per year on a 12-month basis, effective January 1, 1977 through July 31, 1977.

31. Sarah R. Stuart, Research Associate, Biochemistry, at a salary of $14,300 per year on a 12-month basis, effective February 1, 1977 through January 31, 1978.

32. Michel Mennesson, Instructor and Fellow, Human Development, at a salary of $15,000 per year on a 12-month basis, effective January 1, 1977 through June 30, 1977.

33. Kansal Mohan, Assistant Professor, Human Development, 33% time, at a salary of $1,000 per month on a 12-month basis, effective December 27, 1976 through February 13, 1977.

34. William G. Anderson, Professor, Psychiatry, at a salary of $47,000 per year on a 12-month basis, effective November 15, 1976 through April 15, 1977.

35. Robert G. Aumaugher, Specialist, Medical Education Research and Development, 50% time, at a salary of $7,500 per year on a 12-month basis, effective January 14, 1977 through June 30, 1977.

36. Mary K. Beljan, Specialist, Lyman Briggs College, 50% time, at a salary of $408.89 per month on a 12-month basis, effective January 16, 1977 through June 30, 1977.

37. Charles L. Thornton, Specialist, Minority Program, Dean's Office, College of Natural Science; Mathematics; Physics; and Chemistry, at a salary of $13,200 per year on a 12-month basis, effective January 1, 1977 through March 31, 1977.

38. Richard I. Klein, Research Associate, Astronomy and Astrophysics, at a salary of $1,000 per month on a 12-month basis, effective November 1, 1976 through December 31, 1976.


40. Ephraim Epstein, Postdoctoral Fellow, Botany and Plant Pathology, at a salary of $8,000 per year on a 12-month basis, effective April 1, 1977 through March 31, 1978.

41. Gary L. Mills, Postdoctoral Fellow, Botany and Plant Pathology, 50% time, at a salary of $6,000 per year on a 12-month basis, effective December 16, 1976 through December 15, 1977.

42. Gerald Garwood, Research Associate, Chemistry, at a salary of $9,550 per year on a 12-month basis, effective January 1, 1977 through February 28, 1977.

43. Leon J. Halloran, Research Associate, Chemistry, at a salary of $9,050 per year on a 12-month basis, effective January 10, 1977 through February 28, 1977.

44. Donald L. Ward, Specialist-Crystallographer, Chemistry, at a salary of $16,000 per year on a 12-month basis, effective September 1, 1976 through August 31, 1978.

45. George S. Ayers, Assistant Professor, Entomology; and Botany and Plant Pathology, in the tenure system, at a salary of $15,500 per year on a 12-month basis, effective July 1, 1975.

46. Ring T. Carde, Assistant Professor, Entomology, in the tenure system, at a salary of $17,000 per year on a 12-month basis, effective July 1, 1975.

47. Fred W. Fletcher, Specialist, Entomology, at a salary of $25,000 per year on a 12-month basis, effective January 1, 1977 through June 30, 1977.
48. Fred W. Fletcher, Specialist, Entomology, 50% time, at a salary of $12,500 per year on a 12-month basis, effective July 1, 1977 through June 30, 1978.

49. Robert T. Kon, Research Associate, Entomology, at a salary of $13,000 per year on a 12-month basis, effective January 1, 1977 through September 30, 1977.

50. Tarik Veyesoglu, Research Associate, Entomology; and Chemistry, at a salary of $11,500 per year on a 12-month basis, effective January 15, 1977 through January 14, 1978.


52. Chuen Chang, Visiting Assistant Professor, Physics, at a salary of $2,000 for the period January 15, 1977 through February 28, 1977.

53. Frank J. Zerilli, Assistant Professor, Physics, at a salary of $2,600 for the period January 1, 1977 through February 28, 1977.

54. Carol Dors, Research Associate, Cyclotron, 75% time, at a salary of $687.50 per month on a 12-month basis, effective January 1, 1977 through January 31, 1977.

55. Jan P. A. van Hienen, Research Associate, Cyclotron, at a salary of $11,300 per month on a 12-month basis, effective April 1, 1977 through July 15, 1977.


57. William A. Anderson, Assistant Professor, Nursing; and Medical Education Research and Development, at a salary of $16,250 per year on a 12-month basis, effective January 1, 1977 through March 31, 1977.

58. Lee Anne Roman, Assistant Professor, Nursing, 80% time, at a salary of $14,400 per year on a 12-month basis, effective January 1, 1977 through June 30, 1977.

59. William T. Gillis, Jr., Assistant Adjunct Professor, Kellogg Biological Station, with- out pay on a 12-month basis, effective September 1, 1976 through June 30, 1977.

60. Polly Ann Penhale, Research Associate, Kellogg Biological Station, at a salary of $12,300 per year on a 12-month basis, effective January 17, 1977 through June 30, 1977.

61. Liliana Cardemil de Balboa, Research Associate, MSU/ERDA Plant Research Laboratory, at a salary of $13,300 per year on a 12-month basis, effective February 16, 1977 through September 30, 1977.


64. John F. Haury, Research Associate, MSU/ERDA Plant Research Laboratory, at a salary of $10,500 per year on a 12-month basis, effective January 16, 1977 through January 15, 1978.

65. Carl J. Naegle, Assistant Professor, Science and Mathematics Teaching Center, in the tenure system, at a salary of $13,500 per year on a 10-month basis, effective September 1, 1976.

66. Kathy A. Foltner, Instructor, Dean's Office, College of Osteopathic Medicine, 50% time, at a salary of $2,700 for the period January 1, 1977 through June 30, 1977.


68. Margaret I. Ajunwa, Assistant Professor, Family Medicine, in the tenure system, at a salary of $35,000 per year on a 12-month basis, effective December 1, 1976.

69. Michael D. Walden, Assistant Professor, Family Medicine, 60% time, at a salary of $21,000 per year on a 12-month basis, effective January 15, 1977 through June 30, 1977.

70. Steven M. Downing, Specialist, Medical Education Research and Development, at a salary of $13,000 per year on a 12-month basis, effective April 1, 1977 through June 30, 1977.

71. Eric D. Zemper, Specialist, Medical Education Research and Development, at a salary of $13,000 per year on a 12-month basis, effective April 1, 1977 through June 30, 1977.
Appointments, cont.

73. Beverly Purrington, Instructor, Sociology, 60% time, at a salary of $2,195 for the period April 1, 1977 through June 30, 1977.

74. Barbara Drake, Instructor, American Thought and Language, 66-2/3% time, at a salary of $1,907 for the period May 1, 1977 through August 31, 1977.


76. Wolfgang D. Schwarz, Instructor, American Thought and Language, 66-2/3% time, at a salary of $1,907 for the period May 1, 1977 through August 31, 1977.

77. Charles F. Pelzer, Research Associate, Dean's Office, College of Veterinary Medicine; and Medicine, at a salary of $14,400 per year on a 12-month basis, effective January 1, 1977 through April 30, 1977.


79. Kenneth A. Fass, Research Associate, Physiology, at a salary of $8,700 per year on a 12-month basis, effective April 1, 1977 through June 30, 1977.


82. Francis L. Brokaw, Associate Professor, Military Science, without pay on a 12-month basis, effective July 1, 1977 through August 31, 1977.

83. Francis L. Brokaw, Professor and Chairman, Military Science, without pay on a 12-month basis, effective September 1, 1977 through August 31, 1980.

84. Laurence K. Collings, Assistant Professor, Military Science, without pay on a 12-month basis, effective August 1, 1977 through June 30, 1978.

85. Bonnie C. Olson, Specialist, Residence Hall Programs, 50% time, at a salary of $7,225 per year on a 12-month basis, effective February 1, 1977 through January 31, 1978.

86. Adrian M. Gilbert, Professor, Forestry, with tenure, at a salary of $24,000 per year on a 12-month basis, effective April 1, 1977.

Clinical Appointments

Clinical, no salary appointments in the College of Osteopathic Medicine. Rank, department, and term of appointment as indicated. Appointments on a 12-month basis.

Assistant Clinical Professor
James R. Lum
January 1, 1977 through June 30, 1977

Clmical Professor

Gerald T. White
December 1, 1976 through June 30, 1977

Robert T. Harrison
January 1, 1977 through June 30, 1977

Associate Clinical Professor

Robert G. Bowman
December 1, 1976 through June 30, 1977

William A. Wagner
January 1, 1977 through June 30, 1977

Assistant Clinical Professor

John T. Baker
December 1, 1976 through June 30, 1977

John K. Buggeln
January 1, 1977 through June 30, 1977

James N. Carl

Robert L. Hambrick

Jeffrey N. Holtzman

Gloria Kuhn

David R. Mandy

Wayne M. Seutter

John J. Strobl

January 1, 1977 through June 30, 1977
A. PERSONNEL CHANGES, continued

February 25, 1977

Clinical, no salary appointments in the College of Osteopathic Medicine. Rank, department, and term of appointment as indicated. Appointments on a 12-month basis, continued:

Department of Osteopathic Medicine, cont.

Clinical Instructor

Charles B. Dehlin December 1, 1976 through June 30, 1977
Robert W. Myśliwiec
Howard A. Pinsky

Department of Radiology

Assistant Clinical Professor

Peter J. Hoorton September 1, 1976 through June 30, 1977

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

Personnel Recommendations

It is recommended that the following positions be established:

1. For Extension Service 4-H Youth Field Staff:
   a. 4-H Youth Program Assistant (Kalkaska County)
   b. 4-H Youth Program Assistant (Mason County)

2. Clerk Typist II CT 5 for Agricultural Economics

3. Secretary I CT 5 for Agricultural Engineering

4. Field Research Technician II (Off Campus) CT 9 for Fisheries and Wildlife

5. Data Preparation Operator I CT 5 for the Dean’s Office, College of Education

6. Secretary I CT 5 for Food Science and Human Nutrition, College of Human Ecology

7. Laboratory Research Technician I CT 7 for Medicine

8. Assistant Coordinator Medical Education Programs AP 9 for Radiology, Colleges of Human and Osteopathic Medicine

9. Clerk-Typist I CT 3 for Medical Technology, Human Medicine

10. Supervisor Technical Services I AP 10 for Chemistry

11. Accounting Clerk I CT 5 for Entomology, Natural Science

12. 50% time Research Assistant Natural/Health Science AP 7 for Zoology, College of Natural Science

13. Clerk I CT 3 for Anthropology, College of Social Science

14. 50% time Secretary I CT 5 for the Dean’s Office, College of Veterinary Medicine

15. For the Office of Health Services
   a. 50% time Area Director Housing Programs/Coordinator, Substance Abuse Program
   b. Secretary II CT 7
   c. Office Assistant I CT 6

The following position reclassifications and other changes are recommended:

1. Reclassify a Secretary I CT 5 to a Secretary II CT 7 for Dairy Science

2. Reclassify a Research Assistant (Off Campus) IX to a Senior Research Assistant Natural/Health Science AP 9 for Fisheries and Wildlife

3. Reclassify a Clerk II CT 5 to an Office Assistant I CT 6 for Family Ecology

4. Change a Laboratory Research Technician I CT 7 from 75% to 100% time for Biochemistry, College of Human Medicine

5. Reclassify a Laboratory Research Technician I CT 7 to a Laboratory Research Technician II CT 9 for Biophysics, College of Natural Science

6. Change a Field Research Technician III CT 11 from 75% to 100% time for Entomology, College of Natural Science

7. Change an Assistant Editor AP 8 from 50% to 100% time for the Cyclotron Laboratory

8. Reclassify a Clerk Typist II CT 5 to a Secretary II CT 7 for the Dean’s Office, College of Osteopathic Medicine

9. Change a Nurse Clinician AP 9 from 50% to 100% time for the Health Center

10. For the Office of Admissions and Scholarships:
   a. Reclassify 4 Clerk II CT 5 to Office Assistant I CT 6
   b. Reclassify 3 Clerk I CT 3 to Clerk II CT 5

11. Reclassify a Clerk I CT 3 to a Clerk II CT 5 for University Apartments, Housing and Food Services

12. Reclassify an Office Assistant II CT 8 to a Student Services Assistant AP 9 for Intramural Sports and Recreational Services

13. For the Dean of Students:
   a. Reclassify a Clerk I CT 3 to a Clerk II CT 5
   b. Change a Senior Student Services Assistant AP 11 from 75% to 100% time

14. Change an Assistant Editor AP 8 from 62.5% to 100% time for the Alumni Association

On motion by Trustee Radcliffe, seconded by Trustee Stack, it was unanimously voted to approve the Personnel Recommendations.
Retirements
Axel L. Andersen

1. Retirement of Axel L. Andersen as Professor Emeritus, Department of Botany and Plant Pathology, effective March 1, 1977. Professor Andersen was born September 24, 1914 and has been a member of the faculty since May 5, 1968. (Dr. Andersen was employed by the USDA and assigned to Michigan State University from September 1, 1948 until March 31, 1965.)

Harry D. Berg

2. One-year consultantship with agreed-upon duties and responsibilities for Harry D. Berg, Professor, Department of Social Science, from July 1, 1977 to June 30, 1978 and retirement as Professor Emeritus effective July 1, 1978. Professor Berg was born January 11, 1910 and has been a member of the faculty since September 1, 1947.

Ursul C. Brimley

3. Retirement of Ursul C. Brimley, Telephone Operator, Physical Plant, effective January 1, 1977. Mrs. Brimley was born March 15, 1913 and has been employed by the University since February 21, 1961.

Wade O. Brinker

4. One-year consultantship with agreed-upon duties and responsibilities for Wade O. Brinker, Professor, Department of Small Animal Surgery and Medicine, from July 1, 1977 to June 30, 1978, and retirement as Professor Emeritus effective July 1, 1978. Professor Brinker was born October 11, 1912 and has been a member of the faculty since September 1, 1940.

Dena C. Cederquist

5. Retirement of Dena C. Cederquist as Professor Emeritus, Department of Food Science and Human Nutrition, effective July 1, 1977. Professor Cederquist was born August 29, 1910 and has been a member of the faculty since September 15, 1944.

Charles H. Cunningham

6. One-year consultantship with agreed-upon duties and responsibilities for Charles H. Cunningham, Professor, Department of Microbiology and Public Health, from July 1, 1977 to June 30, 1978 and retirement as Professor Emeritus effective July 1, 1978. Professor Cunningham was born April 12, 1913 and has been a member of the faculty since October 1, 1945.

Robert J. Evans

7. Retirement of Robert J. Evans as Professor Emeritus, Department of Biochemistry, effective July 1, 1977. Professor Evans was born March 18, 1909 and has been a member of the faculty since July 1, 1947.

Laura I. Flanders

8. Retirement of Laura I. Flanders, Programmer, Department of Agricultural Economics, effective February 1, 1977. Mrs. Flanders was born April 6, 1914 and has been employed by the University since September 16, 1957.

Juanita G. Snyder

9. Retirement of Juanita G. Snyder, Account Clerk, General Stores Department, effective March 1, 1977. Mrs. Snyder was born February 10, 1913 and has been employed by the University since December 14, 1953.

Raymond E. Vasold

10. Retirement of Raymond E. Vasold, District Farm Management Agent, Cooperative Extension Service, effective May 1, 1977 on the basis of more than 25 years of service to the University. Mr. Vasold was born April 15, 1919 and has been employed by the University since May 1, 1949.

Leonard L. Vinkle

11. Retirement of Leonard L. Vinkle, Custodian, Custodial Services, Physical Plant, effective March 1, 1977. Mr. Vinkle was born February 8, 1913 and has been employed by the University since May 13, 1957.

On motion by Trustee Carrigan, seconded by Trustee Stack, it was unanimously voted to approve the Retirements.

Deaths

1. Report of death of Floyd Challender on December 23, 1976. Mr. Challender was born March 2, 1903, was employed on August 28, 1950, and was an Agriculture Foreman in the Department of Horticulture at the time of his retirement July 1, 1971.

2. Report of the death of Paul D. Gibson on January 3, 1977. Mr. Gibson was born April 29, 1897, was employed on August 25, 1928, and was a Cooperative Extension Agent at the time of his retirement July 1, 1957.

3. Report of the death of Roe C. Cochran on January 6, 1977. Mr. Cochran was born November 13, 1895, was employed on December 1, 1939, and was a Group Leader in the Physical Plant Division at the time of his retirement January 1, 1961.

4. Report of the death of Hugo Siehr, Professor Continuing Education Service, on January 13, 1977. Professor Siehr was born November 11, 1912 and had been a member of the faculty since August 1, 1966.

5. Report of the death of Julius Nesbit, Associate Professor, Family Medicine, on January 20, 1977. Professor Nesbit was born November 19, 1920 and had been a member of the faculty since April 1, 1974.

6. Report of the death of Gail E. Bowers on January 21, 1977. Mr. Bowers was born February 21, 1909, was employed on August 1, 1941, and was a County Extension Director at the time of his retirement August 1, 1973.
A. PERSONNEL CHANGES, continued

February 25, 1977

Deaths, cont.

7. Report of the death of Lola Belle Green on January 23, 1977. Miss Green was born January 12, 1896, was employed on July 1, 1927, and was Assistant Professor of Textiles, Clothing and Related Arts at the time of her retirement July 1, 1958.

8. Report of the death of Myron H. Chetrick, Professor and Chairman, Department of Chemical Engineering, on January 26, 1977. Professor Chetrick was born June 12, 1918 and had been a member of the faculty since June 1, 1963.

9. Report of the death of Goy Munger, Custodial Supervisor, Custodial Services, on January 29, 1977. Mr. Munger was born August 8, 1925 and had been employed by the University since December 17, 1962.

10. Report of the death of Patricia Gomez, General Helper, Laundry, on January 31, 1977. Mrs. Gomez was born May 11, 1933 and had been employed by the University since October 11, 1976.

11. Report of the death of Karl C. Festerling on February 4, 1977. Mr. Festerling was born December 15, 1910, was employed on November 1, 1942 and was a County Extension Director at the time of his retirement November 1, 1972.

12. Report of the death of Leo J. Klever on February 5, 1977. Mr. Klever was born October 7, 1903, was employed on March 3, 1948, and was a Stockman in the Department of Biochemistry at the time of his retirement August 1, 1969.

B. GIFTS AND GRANTS

1. Gift of 171 books and booklets valued at $700 from Charles J. Gaa, Okemos, for the Eppley Business Library to increase and improve the taxation collection of the library and the Department of Accounting and Financial Administration.

2. Gift of a Beckman Model E Analytical Centrifuge valued at $15,000 from Parke, Davis & Co., Detroit, to be used under the direction of V. M. Maher and J. J. McCormick in the Carcinogenesis Laboratory, College of Osteopathic Medicine.

3. Gift of equipment with a total value of $62,000 from the Michigan Cancer Foundation, Detroit, to be used under the direction of V. M. Maher and J. J. McCormick in the Carcinogenesis Laboratory, College of Osteopathic Medicine.

4. Gift of medical journals with a total value of $198 from E. C. Borton, Lansing, Illinois, for use by the Department of Biochemistry and College of Osteopathic Medicine faculty, students, and staff.

5. Gift of a specimen Monkey Puzzle Tree valued at $40 from Dr. and Mrs. Anthony Koo, Okemos, to be used in the collections at Hidden Lake Gardens.

6. Gifts to be used for scholarship purposes as follows:
   a. $100 from Barbara M. Wheeler, Kalamazoo, to be used by a graduate student in the study of viticulture in the College of Agriculture and Natural Resources
   b. $140 from various donors for the Department of Forestry
   c. $1,500 from The Foundation of the Federated Garden Clubs of Michigan, Inc., Lansing, to provide three $500 scholarships in the Department of Horticulture
   d. $800 from Farm Bureau Services, Inc., East Lansing, for recipients to be selected by the Institute of Agricultural Technology
   e. $200 from The Presser Foundation, Bryn Mawr, Pennsylvania, preferably for students who hope to become teachers in music
   f. $700 from the Hard Corps Scholarship Fund, Seattle, Washington, for students interested in hotel management rather than restaurant, food service and college feeding
   g. $250 from Shopsmith, Inc., Vandalia, Ohio, for a scholarship in the College of Education
   h. $2,000 from Exxon USA Foundation, Houston, Texas, for unrestricted use in the Departments of Civil and Sanitary Engineering and Mechanical Engineering
   i. $200 from Charles K. Wortley, Lansing, for students in the College of Human Medicine
   j. $60 from the University of Wisconsin, Madison, to be deposited in the School of Labor and Industrial Relations Manpower Studies Scholarship Fund
   k. $300 from the Alcoa Foundation, Pittsburgh, Pennsylvania, to be deposited in the MSU Grant Fund
   l. $100 from Mr. and Mrs. Ralph M. Watts, Marion, Ohio, as a contribution to the Terry M. Watts Memorial Fund

7. Grants as follows for the MSU Development Fund:
   a. $1,925 from various donors for the Hotel, Restaurant and Institution Associates Endowment
   b. $5,890 from various donors for various athletic accounts
   c. $386.25 (consisting of 5 shs. Gulf & Western Industries and 10 shs. Automatic Data Processing stock) as an unrestricted gift from Perry M. Kantner, Ann Arbor
   d. $546.25 (consisting of 12 shs. Dow Chemical Co. stock and check for $46) from Fred K. Quigley, Jr., Midland, for the Ralph Young Fund
Gifts and Grants, continued

February 25, 1977

8. Grant of $500 from an anonymous donor to be used under the direction of N. A. Brown in Extension 4-H Youth for sponsorship of National Junior Horticulture Association program.

9. Grant of $50 from Retha M. Hankey, Lansing, to be used under the direction of N. A. Brown in Extension 4-H Youth for International Fund.

10. Grant of $28,100 from USDA Extension Service, Washington, D.C., to be used under the direction of M. R. Geasler in Cooperative Extension Service to design and test educational program to help the public understand the importance of and some issues in foreign agricultural trade.

11. Grant of $10,100 from the U.S. Department of Agriculture, Washington, D.C., to be used under the direction of J. D. Shaffer in Agricultural Economics to support a general project encompassing aggregate model development, forecasting and capital flows, and analysis of food retailer procurement practices.

12. Grant of $7,301.05 from Canners Machinery Ltd., Ontario, Canada, to be used under the direction of C. M. Hansen in Agricultural Engineering to improve mechanical strawberry harvester/capper.

13. Grant of $3,500 from Cropstore, Inc., Ontario, Canada, to be used under the direction of J. B. Gerrish in Agricultural Engineering to study electric motor requirements of existing liquid manure pump configurations by providing a series of pump curves under simulated field conditions.

14. Grant of $150 from Detering Orchards, Ontario, Canada, to be used under the direction of D. E. Marshall in Agricultural Engineering to support USDA/MSU rhubarb harvesting research.

15. Grant of $2,000 from Ethyl Corporation, Baton Rouge, Louisiana, to be used under the direction of C. J. Mackson in Agricultural Engineering in support of European Commission for Mechanization in Agriculture study tour to be held in the United States during September 1977.

16. Grant of $2,000 from International Harvester Company, Chicago, Illinois, to be used under the direction of C. J. Mackson in Agricultural Engineering in support of European Commission for Mechanization in Agriculture study tour to be held in the United States during September 1977.

17. Grant of $2,000 from Rain Bird International, Inc., Glendora, California, to be used under the direction of C. J. Mackson in Agricultural Engineering in support of European Commission for Mechanization in Agriculture study tour to be held in the United States during September 1977.

18. Grant of $28,667 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. A. Ronzio in Biochemistry to support research of membrane formation in cytodifferentiation.

19. Grant of $300 from Chevron Chemical Company, Richmond, California, to be used under the direction of H. S. Potter in Botany and Plant Pathology to support fungicide evaluation of difolatan and captan on sugarbeets.

20. Grant of $1,500 from Rohm and Haas Company, Spring House, Pennsylvania, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of experimental fungicide RH5352 against apple scab and cherry leaf spot.

21. Grant of $300 from Unilroyal, Inc., Bethany, Connecticut, to be used under the direction of H. S. Potter in Botany and Plant Pathology to support study of the effect of sprout inhibitors on tuber dry rot of potatoes.

22. Grant of $1,000 from the Upjohn Company, Kalamazoo, Michigan, to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to support going turfgrass research program.

23. Grant of $3,000 from the Dow Chemical Company, Midland, to be used under the direction of D. R. Christenson in Crop and Soil Sciences to measure the effect of several manganese sources on yield and manganese uptake of soybeans in the greenhouse.

24. Grant of $1,561.63 from Farmers and Manufacturers Beet Sugar Association, Saginaw, to be used under the direction of W. F. Meggitt in Crop and Soil Sciences to support work on sugarbeet herbicides and support graduate student working on sugarbeet problems.

25. Grant of $2,565.53 from Farmers and Manufacturers Beet Sugar Association, Saginaw, to be used under the direction of D. R. Christenson in Crop and Soil Sciences to support soil fertility, nitrogen studies and support of a graduate student.

26. Grant of $250 from Gettel Farms Inc., Pigeon, to be used under the direction of E. R. Everson in Crop and Soil Sciences to support continuing wheat research.

27. Grant of $16,413 from the Michigan Foundation Seed Association, East Lansing, to be used under the direction of E. R. Everson in Crop and Soil Sciences to support continuing wheat research.
28. Grant of $19,000 from Michigan Bean Commission, Lansing, to be used under the direction of A. J. M. Smucker in Crop and Soil Sciences to support continuing bean research.

29. Grant of $18,615.85 from the Michigan Foundation Seed Association, East Lansing, to be used under the direction of M. W. Adams in Crop and Soil Sciences to support continuing bean research.

30. Grant of $7,590.95 from the Michigan Foundation Seed Association, East Lansing, to be used under the direction of J. E. Grafius and T. Johnston in Crop and Soil Sciences to support continuing research on oats, barley and soybeans.

31. Grant of $10,000 from Monsanto, St. Louis, Missouri, to be used under the direction of F. S. Carlson in Crop and Soil Sciences to support continuing research to develop new methods and technologies for plant breeding by utilizing in vitro tissue culture.

32. Grant of $1,500 from Northrup, King and Company, Stanton, Minnesota, to be used under the direction of D. Penner in Crop and Soil Sciences to investigate experimental procedure utilizing principles of infra-red reflectants spectrometry.

33. Grant of $6,000 from Stroh Brewery Company, Detroit, to be used under the direction of J. E. Grafius in Crop and Soil Sciences for research on barley for improved malting characteristics.

34. Grant of $8,000 from Tennessee Valley Authority, Muscle Shoals, Alabama, to be used under the direction of D. R. Christenson in Crop and Soil Sciences to support fertilizer tests and demonstrations.

35. Grant of $700 from Gulf Oil Chemical Company, Merriam, Kansas, to be used under the direction of A. L. Wells in Entomology to support study of insects infesting field and truck crops.

36. Grant of $100 from Union Carbide Corporation, Comstock Park, to be used under the direction of J. Brunner in Entomology for Michigan fruit insect bulletin.

37. Grant of $40,000 from the U.S. Department of Agriculture to be used under the direction of R. F. Ruppel in Entomology for North Central Region pesticide assessment analyst to support study of ecosystem responses to alternative pesticides in the environment: a systems approach.

38. Grant of $175,380 from Consumers Power Company, Jackson, to be used under the direction of C. R. Liston in Fisheries and Wildlife; renewal for continuation of ecological study on Lake Michigan in the vicinity of Ludington.

39. Grant of $114,590 from the University of Michigan, Ann Arbor, to be used under the direction of N. R. Kevern in Fisheries and Wildlife to support the continuation of Michigan Sea Grant program to provide advisory services (Ext.) to Michigan citizens and do research on the Great Lakes.

40. Grant of $500 from USDA Forest Service, St. Paul, Minnesota, to be used under the direction of G. Schneider in Forestry to assess influence of sludge application upon groundwater quality, rates of nutrient mineralization, rates of litter decomposition, nutrient assimilation and productivity of understory and overstory flora.
Gifts and Grants

B. GIFTS AND GRANTS, continued

February 25, 1977

49. Grant of $1,000 from Abbott Laboratories, North Chicago, Illinois, to be used under the direction of J. Hull in Horticulture for on-going research with pesticides and growth regulators for fruit crops.

50. Grant of $2,000 from Abbott Laboratories, North Chicago, Illinois, to be used under the direction of M. J. Bukovac in Horticulture for research and professional development including foreign travel.

51. Grant of $100 from John Henry Dudley, Lansing, to be used under the direction of W. H. Carlson in Horticulture for on-going bedding plant programs.

52. Grant of $1,250 from the Michigan State Florists Association, Haslett, to be used under the direction of W. H. Carlson in Horticulture for on-going bedding plant programs.

53. Grant of $1,000 from the Gerber Products Company, Fremont, to be used under the direction of R. F. Carlson in Horticulture for continuing research on tree fruit.

54. Grant of $2,000 from the International Dwarf Fruit Tree Association, Hartford, to be used under the direction of R. F. Carlson in Horticulture to support education and dissemination of research results pertaining to scion/rootstock relationship of fruit trees.

55. Grant of $250 from the Kalo Laboratories, Inc., Kansas City, Missouri, to be used under the direction of J. A. Flore in Horticulture for research in tree fruit physiology.

56. Grant of $1,000 from the Michigan Apple Committee, Lansing, to be used under the direction of D. H. Dewey in Horticulture for on-going program to improve internal quality of apples for fresh market and processing.

57. Grant of $1,500 from the Michigan Association of Cherry Producers, East Lansing, to be used under the direction of M. J. Bukovac in Horticulture to evaluate effectiveness of ethephon when applied in low volumes and assess this mode of application on incidence of gummosis.

58. Grant of $1,500 from the Michigan Association of Cherry Producers, East Lansing, to be used under the direction of A. L. Kenworthy in Horticulture to support fertilizer injection - trickle irrigation.

59. Grant of $2,500 from the Michigan Association of Cherry Producers, East Lansing, to be used under the direction of C. Kesner in Horticulture to support on-going research in evaluation of hedgerow technique for growing cherries.

60. Grant of $4,000 from the Michigan Association of Cherry Producers, East Lansing, to be used under the direction of R. L. Andersen in Horticulture to strengthen program of breeding research aimed at development of improved cherry varieties.

61. Grant of $13,000 from the Netherlands Flower Bulb Institute, Inc., New York, New York, to be used under the direction of A. DeHertogh in Horticulture to support on-going programs relating to flower bulb forcing and postharvest physiology.

62. Grant of $200 from the New Jersey Association of Nursemens, Inc., Pittstown, N. J., to be used under the direction of R. R. Mecklenburg in Horticulture for strengthen educational programs.

63. Grant of $1,750 from the Union Seed Company, Nampa, Idaho, to be used under the direction of L. Baker in Horticulture for on-going carrot breeding programs.

64. Grant of $1,000 from the Upjohn Company, Kalamazoo, to be used under the direction of A. R. Putnam in Horticulture to support on-going research on herbicides for weed control.

65. Grant of $1,025 from Walters Gardens, Inc., Zeeland, to be used under the direction of K. C. Sink in Horticulture to support on-going phlox sublate research.

66. Grant of $500 from Weller Nurseries Company, Inc., Holland, to be used under the direction of K. C. Sink in Horticulture to support on-going phlox sublate research.

67. Grant of $370 from various donors to be used under the direction of J. W. Goff in Packing as an unrestricted grant.

68. Grant of $20,927.37 from Waterways Division, Michigan Department of Natural Resources, Lansing, to be used under the direction of D. F. Holecek in Park and Recreation Resources to develop methodology for allocating costs to individual public access sites; develop guidelines for managerial cost accounting system for Waterways Division.

69. Grant of $13,995 from the Environmental Protection Agency, Cincinnati, Ohio, to be used under the direction of R. K. Ringer in Poultry Science to support study of residue and histopathologic analysis of breeder mink fed Aroclor 1016.

70. Grant of $22,870 from the U.S. Army Medical Research and Development Command, Washington, D.C., to be used under the direction of D. Polin in Poultry Science to determine uptake, distribution in tissues and excretion rate of two chemicals in Mallard ducks and Bobwhite quail.

71. Grant of $43,488 from the U.S. Army Medical Research and Development Command, Washington, D.C., to be used under the direction of R. J. Aulerich in Poultry Science to evaluate the effect of two compounds on reproductive performance of mink.
Gifts and Grants

Grant of $21,185.50 from the Michigan Department of Natural Resources, Lansing, to be used under the direction of E. Dersch in Resource Development for preparation of special slide presentation needs for Division of Land Resource Programs.

Grant of $6,000 from the Soil Conservation Service, USDA, East Lansing, to be used under the direction of W. R. Enslin in Resource Development to identify and delineate unique farmlands, urban built-up areas, and water areas in Macomb, Muskegon, Lapeer, St. Clair, and Washtenaw Counties.

Grant of $2,500 from Commonwealth Associates, Inc., Jackson, to be used under the direction of C. H. Wamhoff in Agriculture and Natural Resources Education Institute to be used for staff development.

Grant of $4,010 from the National Endowment for the Arts, Washington, D.C., to be used under the direction of J. Ishikawa in the College of Arts and Letters for the rearrangement of exhibition space at Kresge Art Center Gallery.

Grant of $1,000 from the Michigan Council for the Arts, Detroit, to be used under the direction of S. Omoto in Art to help defray the partial cost of traveling exhibition of 53 paintings to be shown at 11 sites; provide lectures or discussions on the subject of Michigan paintings at the sites.

Grant of $500 from the American Council of Learned Societies, New York, New York, to be used under the direction of V. M. Howard in English to cover expenses incurred in receiving and assisting ACLS International American Studies Fellow, Prof. Miyoko Sasaki.

Grant of $8,450 from the Michigan Council for the Arts to be used under the direction of D. Lawer in English to produce 16 mm color documentary film on Michigan poet Theodore Roethke entitled, "Where Light is Stone."

Grant of $400 from the Michigan Council for the Arts to be used under the direction of D. Burk in Music as additional support for the Music Workshop.

Grant of $5,000 from the TRW Foundation, Cleveland, Ohio, to be used under the direction of R. J. Lewis and G. M. Jones in the College of Business to support Management Education Center, Troy.

Grant of $25,000 from Xerox Corporation to be used under the direction of R. J. Lewis and R. E. Wilkinson in the Graduate School of Business Administration to support the Management Education Center, Troy.

Grant of $5,000 from Aeroquip Corporation to be used under the direction of R. J. Lewis and R. E. Wilkinson in the Graduate School of Business Administration to support Management Education Center, Troy.

Grant of $10,035 from various donors to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for faculty development.

Grant of $250 from various donors to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for the fellowship fund.

Grant of $10,000 from the American Institute for Imported Steel, Inc., New York, New York, to be used under the direction of W. Adams in Economics to study and research in the program on industrial structures in the Atlantic community.

Grant of $176,600 from the National Science Foundation, Washington, D.C., to be used under the direction of H. M. Trebing in Economics to explore the feasibility of competition in electric and gas utility industries as a means of improving regulation.

Grant of $200 from the Creamette Company Foundation, Inc., Minneapolis, Minnesota, to be used under the direction of D. A. Taylor in Marketing and Transportation Administration for administration of Food Systems Economics and Management Program.

Grant of $50 from the National Council of Physical Distribution Management to be used under the direction of J. W. Allen in Marketing and Transportation Administration for basic research in logistics management; develop teaching materials and enrich course development in logistics management.

Grant of $450 from Cambridge Electric Light Company, Cambridge, Massachusetts, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.

Grant of $750 from the Lincoln Telephone and Telegraph Company, Lincoln, Nebraska, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.

Grant of $850 from the Commonwealth Gas Company, Cambridge, Massachusetts, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.

Grant of $1,200 from the New Bedford Gas and Edison Light Company, Cambridge, Mass., to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
Gifts and Grants

93. Grant of $1,000 from the Faygo Beverages, Inc., Detroit, to be used under the direction of D. E. Schultz in Advertising to support student development and presentation of advertising campaign strategy as part of ADV 486 course requirements.

94. Grant of $11,200 from the University of Southern California, Los Angeles, California, to be used under the direction of K. L. Gustafson in the College of Education to work with USC and Syracuse University in developing internal training program for National Iranian Radio and Television.

95. Grant of $150 from Fitzgerald Public Schools, Warren, to be used under the direction of F. R. Ignatovich in Administration and Higher Education to produce enrollment projections.

96. Grant of $150 from Mona Shores School District, Muskegon, to be used under the direction of F. R. Ignatovich in Administration and Higher Education to produce enrollment projections.

97. Grant of $150 from Mt. Pleasant Public Schools, Mt. Pleasant, to be used under the direction of F. R. Ignatovich in Administration and Higher Education to produce enrollment projections.

98. Grant of $200 from the Michigan Association of Middle School Educators, East Lansing, to be used under the direction of L. G. Romano in Administration and Higher Education to develop materials to be mimeographed for middle school principals and teachers.

99. Grant of $9,000 from the U.S. Office of Education, Washington, D.C., to be used under the direction of P. Haines in Secondary Education and Curriculum to support the leadership development program in vocational education.

100. Grant of $1,000 from Burroughs Corporation, Detroit, to be used under the direction of G. Van Dusen in the Dean's Office, College of Engineering to support Catalyst '76: Women in Engineering Program.

101. Grant of $300 from the Chrysler Corporation, Detroit, to be used under the direction of G. Van Dusen in the Dean's Office, College of Engineering, to support Catalyst '76: Women in Engineering Program.

102. Grant of $1,069.10 from the University of Michigan, Ann Arbor, to be used under the direction of W. Gamble in the College of Engineering to combat low rate at which minority students enter careers in professional or technical areas.

103. Grant of $37,685 from the Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, to be used under the direction of W. N. Sharpe in Engineering Research to develop laser-based strain/displacement gage for use at temperatures up to 1350° F.

104. Grant of $19,530 from the Committee on Institutional Coop./Midwest Program for Minorities in Engineering, West Lafayette, Indiana, to be used under the direction of H. Hughes in Engineering Research to bring ethnic minority students into more meaningful participation in engineering and related fields.

105. Grant of $212,036 from the Wayne County Intermediate School District, Detroit, to be used under the direction of J. B. Eulenberg in Engineering Research to provide modern technological aids to communication for students served by Wayne Co. Intermediate School District who experience communication handicaps, and provide training for teachers, therapists, aides and other WCISD staff members in the use of such communication aids.

106. Grant of $6,000 from E. I. duPont de Nemours and Company, Wilmington, Delaware, to be used under the direction of D. K. Anderson in Chemical Engineering as an unrestricted grant.

107. Grant of $100 from James R. Wartinbee, Waukesha, Wisconsin, to be used under the direction of J. B. Eulenberg in Computer Science to support research in area of technological aids to communication.

108. Grant of $23,000 from E. I. duPont de Nemours and Company, Wilmington, Delaware, to be used under the direction of R. W. Little in Mechanical Engineering; unrestricted - $3,000; and $20,000 - Young Faculty Grant.

109. Grant of $2,500 from Kroger Companies Charitable Trust, Cincinnati, Ohio, to be used under the direction of C. J. Lackey in Food Science and Human Nutrition to defray expenses for "Focus on Food" Seminar for consumers co-sponsored by Food and Nutrition, Family Living Education, Cooperative Extension Service, and associated foods and nutrition consumer education.

110. Grant of $2,500 from Life Savers, Inc., New York, N.Y., to be used under the direction of R. Schmell in Food Science and Human Nutrition to evaluate incidence of dental caries in animals fed diets with various sugars and with specific dietary lipids which inhibit caries.

111. Grant of $20,000 from the Nutrition Foundation, Inc. to be used under the direction of J. T. Bond in Food Science and Human Nutrition to assess and delineate nutritional factors contributing to renal development pre- and postnatally and their impact on the total organism.

112. Grant of $50 from Tropicana Products, Inc., Bradenton, Florida, to be used under the direction of W. Rennick in Food Science and Human Nutrition to determine quantity of dietary fiber in orange pulp.
113. Grant of $1,500 from Hoffman-La Roche, Inc., Nutley, New Jersey, to be used under the direction of J. P. Holland in Biochemistry to be used as an unrestricted grant in support of research on utility of field desorption mass spectrometry for the analysis of fluids of biological interest.

114. Grant of $137,654 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of C. C. Sweeley in Biochemistry for the MSU mass spectrometry facility.

115. Grant of $3,370 from the Cass Co. Chapter, March of Dimes, Dowagiac, to be used under the direction of J. V. Higgins in Human Development to obtain equipment to complete tissue laboratory in Clinical Science Center.

116. Grant of $10,000 from the Kidney Foundation of Michigan, Ann Arbor, to be used under the direction of R. W. Bull in Medicine to characterize antigens specific to the human B lymphocytes which may aid in the matching of individuals for transplantants.

117. Grant of $2,995 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. W. Bull in Medicine for the establishment of an Immunohematological Reference Center for production of reagents that recognize the dog's red cell blood groups and histocompatibility antigens for use in the genetic characterization of the species and increase its usefulness in transplantation research.

118. Grant of $71 from the Drug Education Center, Inc., East Lansing, to be used under the direction of T. H. Kirschbaum in Obstetrics, Gynecology and Reproductive Biology for the improvement of educational offerings to students, interns and residents training in obstetrics and gynecology.

119. Grant of $365 from the Lansing Jaycee Auxiliary, Lansing, to be used under the direction of G. H. Sander in Pathology for Laboratory equipment for MSU Health Center laboratory in memory of Melissa Siolund.

120. Grant of $300 from the Michigan State Medical Society, Lansing, to be used under the direction of L. E. Nathan, Jr. in Pathology to support Placental Tissue Registry for the State of Michigan in cooperation with the Michigan State Medical Society.

121. Grant of $2,000 from McNeil Laboratories, Inc., Fort Washington, Pennsylvania, to be used under the direction of K. E. Moore in Pharmacology as an unrestricted grant.

122. Grant of $20,727 from the Harry Frank Guggenheim Foundation, New York, New York, to be used under the direction of R. C. Simons in Psychiatry to support study designed to clarify the interaction of ethologically and socioculturally significant factors in the production of a highly patterned sequence of human social behaviors, the startle-imitative syndrome.

123. Grant of $33,600 from the Michigan Department of Mental Health, Lansing, to be used under the direction of N. E. Enzer in Psychiatry for the development of psychiatric program at New Riverside Treatment Center, Dimondale.

124. Grant of $4,095 from the Ottawa County Community Mental Health Services Board, Holland, to be used under the direction of D. Singleton in Psychiatry to support the psychiatric residency program.

125. Grant of $3,802 from the Pine Rest Christian Hospital Association, Grand Rapids, to be used under the direction of D. Singleton in Psychiatry to support the psychiatric residency program.

126. Grant of $3,438 from the Bryn Mawr Hospital Rehabilitation Center, Malvern, Pennsylvania, to be used under the direction of R. J. Sprafka in Health Services Education and Research to provide tables which describe the patient population of the Bryn Mawr Hospital Rehabilitation Center.

127. Grant of $400 from the Michigan Heart Association, Lansing, to be used under the direction of R. J. Sprafka in Health Services Education and Research to provide tables which describe rheumatic heart disease and fever in children.

128. Grant of $1,500 from the National Science Foundation, Washington, D.C., to be used under the direction of H. Imshaug in Botany and Plant Pathology to support study of Lichen Genus Usnea (Usneaceae) in the Lake Superior drainage basin.

129. Grant of $50,000 from the National Science Foundation, Washington, D.C., to be used under the direction of A. H. Ellingboe in Botany and Plant Pathology to support the study of genetics and physiology of plant parasitism.

130. Grant of $1,800 from the Dow Chemical Company to be used under the direction of G. J. Karabatsos in Chemistry as an unrestricted grant.

131. Grant of $6,000 from the E. I. duPont deNemours and Company to be used under the direction of G. J. Karabatsos in Chemistry as an unrestricted grant.

132. Grant of $42,000 from the National Science Foundation to be used under the direction of Stanley R. Crouch in Chemistry to support study of fast kinetic studies of analytical systems.
Gifts and Grants

B. GIFTS AND GRANTS, continued

February 25, 1977

133. Grant of $65,000 from the National Science Foundation to be used under the direction of G. J. Karabatsos in Chemistry to support Chemistry Instrument Research Proposal for 1976.

134. Grant of $500 from the Chevron Oil Company, Denver, Colorado, to be used under the direction of A. T. Cross in Geology for research work by Craig Tingey.

135. Grant of $300 from the Keck Consulting Services, Inc., East Lansing, to be used under the direction of R. S. Carmichael in Geology to support research in geophysics.

136. Grant of $65,700 from the National Institutes of Allergy and Infectious Diseases, Bethesda, Maryland, to be used under the direction of R. R. Brubaker in Microbiology and Public Health to support study of iron-dependent enhancement of virulence in yersinia.

137. Grant of $66,123 from the National Institutes of Allergy and Infectious Diseases, Bethesda, Maryland, to be used under the direction of H. L. Sadoff in Microbiology and Public Health to support study of "Cell Differentiation in Procaroytic Organisms."

138. Grant of $169,300 from the National Science Foundation, Washington, D.C., to be used under the direction of K. W. Chen in Physics to support studies of Electromagnetic Structures of Nucleons.

139. Grant of $25 from Arch K. Meserole, Lancaster, Pennsylvania, to be used under the direction of M. S. Magen in the College of Osteopathic Medicine as an unrestricted grant.

140. Grant of $57,074 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of D. G. McConnell in Biochemistry to support studies of Retinal Rod Cyclic GMP Phosphodiesterase.

141. Grant of $25 from the Mott Foundation, Flint, to be used under the direction of P. Barnes-McConnell in Urban and Metropolitan Studies for the development of Section II of the minorities in Michigan publication.

142. Grant of $107.50 from various donors to be used under the direction of B. F. Engel in American Thought and Language to further women's studies.

143. Grant of $4,000 from the McNeil Laboratories, Inc., Fort Washington, Pennsylvania, to be used under the direction of J. B. Hook in Pharmacology as an unrestricted grant.
156. Grant of $12,500 from the Morris Animal Foundation to be used under the direction of N. E. Robinson, Physiology, to support the investigation of factors affecting circulation in forefoot of the horse, with special emphasis on their relationship to the etiology of laminitis.

157. Grant of $41,572 from the National Heart, Lung and Blood Institute to be used under the direction of N. E. Robinson in Physiology for the development of collateral ventilation.

158. Grant of $87,349 from the National Institute of Arthritis, Metabolism, and Digestive Diseases to be used under the direction of J. Meites in Physiology to support the study of the control of secretion of hypothalamic hormones.

159. Grant of $48,214 from the National Institutes of Health to be used under the direction of P. O. Fromm in Physiology to support the study of comparative physiological studies of vertebrate eyes.

160. Grant of $1,000 from the Bristol Laboratories, Syracuse, New York, to be used under the direction of T. Riebold and S. Reed in Large Animal Surgery and Medicine to support study of ketamine and xylazine in the horse.

161. Grant of $1,000 from the Horsemen's Benevolent and Protective Association, Detroit, to be used under the direction of W. F. Riley in Large Animal Surgery and Medicine for the reorganization and improvement of the program of Veterinary Medicine Equine Research Center.

162. Grant of $20 from the Interracial Club, Lansing, to be used under the direction of A. L. Hunter in the Continuing Education Service to offer students from many lands a unique experience in friendship and learning.

163. Grant of $500 from the Cooperative Extension Service, Evansville, Indiana, to be used under the direction of C. H. Wells in the Continuing Education Service to offset expenses of conference "International Conference on the Cyclitols and Phosphorositicles."

164. Grant of $200 from the Ross Laboratories, Columbus, Ohio, to be used under the direction of C. H. Wells in the Continuing Education Service to offset expenses of conference "International Conference on the Cyclitols and Phosphorositicles."

165. Grant of $7,500 from the Michigan Department of Public Health, Office of Substance Abuse Services, Lansing, to be used under the direction of R. C. Anderson in the Continuing Education Services to provide law enforcement personnel in the essential information regarding P.A. 339 and 340.

166. Grant of $165 from the Michigan Farm and Garden Foundation, Ann Arbor, to be used under the direction of A. L. Hunter in the Continuing Education Service to offer students from many lands a unique experience in friendship and learning.

167. Grant of $100 from the Universal Steel Company of Michigan, Lansing, to be used under the direction of A. L. Hunter in the Continuing Education Service to offer students from many lands a unique experience in friendship and learning.

168. Grant of $24,725 from the U.S. Department of the Air Force to be used under the direction of S. Cherney in the Continuing Education Service for tuition assistance for teachers in DOD Dependent Schools who enroll in the MSU Graduate Education Overseas Program.

169. Grant of $10,300 from the Michigan Office of Highway Safety Planning, Lansing, to be used under the direction of D. G. Lee in the Highway Traffic Safety Center to upgrade accident investigation competencies of police officers from small police agencies in Michigan.

170. Grant of $6,179,869 from the Ministry of Education and Culture, Government of Brazil, to be used under the direction of J. H. Hunter in the International Studies and Programs to collaborate in expansion and improvement of agriculture, with additional emphasis in university planning and administration.

171. Grant of $2,500 from the Midwest Universities Consortium for International Activities, Madison, Wisconsin, to be used under the direction of W. A. Herzog in the International Studies and Programs as supplemental grant to assist NSIDC in its support of attendance of staff members at international conferences.

172. Grant of $4,899 from the U.S. Department of State, Washington, D.C., to be used under the direction of W. D. McCagg, Jr. in the Russian and East European Studies Program, for comparative examination of how several major Asian states interact with ethnic minorities living along their frontiers.

173. Grant of $4,000 from the Lansing Community College, Lansing, to be used under the direction of S. L. Yelon and A. J. Abedor in Learning and Evaluation Service to provide consultation and assistance needed to design, implement and evaluate one of 6 advanced institutional development program (AIDP) projects at Lansing Community College.
Gifts and Grants

February 25, 1977

174. Grant of $13,300 from the Corporation for Public Broadcasting, Washington, D.C., to be used under the direction of M. van de Bosch in Radio Broadcasting to supplement activities in public awareness and fund raising.

175. Grant of $175 from Hubert J. & Elinor L. Tazelaar, Howell, to be used under the direction of R. D. Estell in Radio Broadcasting to support program activities of WKAR Radio.

176. Grant of $65 from various donors to be used under the direction of R. D. Estell in Radio Broadcasting to purchase subchannel receivers and provide program services for the blind and physically handicapped.

177. Grant of $4,270 from various donors to be used under the direction of R. D. Page in TV Broadcasting to support program activities of WKAR-TV.

178. Grant of $327,974 from the Corporation for Public Broadcasting, Washington, D.C., to be used under the direction of R. D. Page in TV Broadcasting as the first half of 1977 Community Service Grant.

179. Grant of $1,000 from the Gerity Broadcasting Company, Toledo, Ohio, to be used under the direction of R. D. Page in TV Broadcasting to help underwrite game on WKAR-TV in fall of 1976.

180. Grant of $500 from Suits News Company, Lansing, to be used under the direction of R. D. Page in TV Broadcasting to underwrite Washington Week in Review.

181. Grant of $1,618 from the Union Savings and Loan Association, Lansing, to be used under the direction of R. D. Page in TV Broadcasting as underwriting grant for Prep Bowl 77.

182. Grant of $30,000 from the Michigan Department of Education, Lansing, to be used under the direction of R. E. Chapin in the Libraries for the continuation of Access Office funding inter-library lending to Michigan libraries.

183. Grant of $1,000 from the Stroh Brewery Foundation, Detroit, to be used under the direction of C. K. Dewhurst in the Museum to assist financing the Twentieth Century Folk Art project.

184. Grant of $14,000 from the U.S. Department of Agriculture to be used under the direction of W. A. Lovis in the Museum to develop a cultural resource management program for the Hinooka National Forest.

185. Grant of $493 from the Little Garden Club of Tecumseh, Tecumseh, to be used under the direction of F. W. Freeman and M. Baron in Campus Park and Planning for display for gardening under artificial lighting.

186. Grant of $5,000 from the U.S. Army Engineer District, Detroit Corps of Engineers, Detroit, to be used under the direction of J. A. Cole in the Institute of Water Research to dredge material disposal evaluation.

187. Grant of $13,000 from the Attorney General-Michigan Public Health Trust, Lansing, to be used under the direction of D. Zatechka in Residence Halls Programs, Dean of Students, to provide for continuation of an ongoing Alcohol Abuse Education/Prevention program directed at resident students and residence hall staff.

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

C. BIDS AND CONTRACT AWARDS

1. Case Hall and Wonders Hall - Exterior Restoration

The following bids were received on January 27, 1977 for Case Hall and Wonders Hall - Exterior Restoration. This project involves recaulking, tuckpointing, and brick replacement on both dormitories. The work also includes installation of face brick expansion joints, replacement of one entrance canopy built-up roof, and installation of two new entrance canopy built-up roofs at Case Hall.

<table>
<thead>
<tr>
<th>Restoration Contractor</th>
<th>Base Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>William H. Kelly Co.</td>
<td>$59,301</td>
</tr>
<tr>
<td>Grunwell-Cashero of Lansing, Inc.</td>
<td>62,171</td>
</tr>
</tbody>
</table>

It is recommended that a contract be awarded to the William H. Kelly Co. of East Lansing in the amount of $59,301, and that the following budget be established:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>William H. Kelly Co.</td>
<td>$59,301</td>
</tr>
<tr>
<td>Contingencies</td>
<td>5,699</td>
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<tr>
<td>Engineering, Supervision, and Expediting</td>
<td>5,000</td>
</tr>
<tr>
<td>Total Expected Expenditures</td>
<td>$70,000</td>
</tr>
</tbody>
</table>
C. BIDS AND CONTRACT AWARDS

February 25, 1977

1. Case Hall and Wonders Hall - Exterior Restoration, continued

Funds are available for this project in Account No. 21-3174, Case Hall - Auxiliary Maintenance.

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

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

D. OTHER ITEMS FOR ACTION

1. Following the discretionary authority as granted by the Board of Trustees, Scudder, Stevens & Clark has executed the following transactions within the fixed income portfolio of the University.

<table>
<thead>
<tr>
<th>Account Name</th>
<th>Tendered</th>
<th>Rate</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
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<tbody>
<tr>
<td>MSU Retirement Fund</td>
<td>$486,000</td>
<td>10.000</td>
<td>115-3/4</td>
<td>$562,545</td>
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<td>Ivan and Jean Wright Beneficiary Fund</td>
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<td>$100,000</td>
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<td>115-3/4</td>
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<td>$150,000</td>
<td>9.200</td>
<td>109.61</td>
<td>$164,415</td>
<td>$13,800</td>
</tr>
<tr>
<td></td>
<td>$9,000</td>
<td>4.875</td>
<td>100</td>
<td>$9,000</td>
<td>$439</td>
</tr>
</tbody>
</table>

RESOLVED that the above investment report be accepted.

Unanimously approved. Motion by Trustee Martin, seconded by Trustee Carrigan.
D. OTHER ITEMS FOR ACTION, continued

February 25, 1977

2. Scudder Stevens & Clark has recommended that the following firms be placed on the University's investment buy list:

- Beatrice Foods
- CBS Inc.
- Commerce Clearing House
- Emerson Electric
- Johnson & Johnson
- Northwest Airlines
- Philip Morris
- R. J. Reynolds Industries

Trustee Carrigan reported that the Investment Committee concurred in the above recommendation and moved its approval. Seconded by Trustee Stevens and unanimously approved.

3. The following gifts of stock, which were accepted at the January Board meeting, have been sold:
   a. 195 shares of General Electric Co. stock were sold for a net amount of $10,186.78. This stock was a gift from General Electric Foundation for the continuation and expansion of the Engineering Opportunity Program.
   b. 23 shares of S. S. Kresge stock were sold for a net amount of $887.94. This stock was a gift from Mrs. Robert Hartwick for the support of Pewabic Pottery through Continuing Education.
   c. 140 shares of General Electric Co. stock were sold for a net amount of $7,526.23. This stock was a gift from the General Electric Foundation for the Purchasing Development Fund within the College of Business.

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

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

4. Refinancing of Advanced Management Center

At its June 20, 1975 meeting, the Board of Trustees authorized the borrowing of necessary funds not to exceed $1,900,000 from the Manufacturers National Bank of Detroit to cover the funding of pledges, future donations, and certain costs in construction of the Advanced Management Center in Troy, Michigan. The due date of this obligation is March 31, 1977.

The following summarizes this transaction:

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funds Drawn</td>
<td>$1,814,000</td>
</tr>
<tr>
<td>Interest Expense</td>
<td>60,465</td>
</tr>
<tr>
<td>Estimated Interest Due</td>
<td>4,300</td>
</tr>
<tr>
<td>Loan and Interest Payments</td>
<td>$1,878,765</td>
</tr>
<tr>
<td>Outstanding Balance</td>
<td>$658,135</td>
</tr>
<tr>
<td>Pledges Receivable</td>
<td>$171,325</td>
</tr>
</tbody>
</table>

Pending completion of the capital funding of this project, it is recommended that the administration complete negotiations with the Manufacturers National Bank of Detroit to extend this borrowing in an amount not to exceed $700,000 at a 4% rate of interest due March 31, 1980, and that the following resolution be approved:

WHEREAS, the Board of Trustees has previously accepted from the Greater Detroit Management Education Center Foundation such land, building, and facilities known as the Greater Detroit Management Education Center; and

WHEREAS, the acquisition of the land and financing of the improvements were to be made through donations to the Greater Detroit Management Education Center Foundation; and

WHEREAS, certain pledges and donations are still outstanding and there remain certain costs incurred in the construction of the building and equipping of the facilities which are not secured by commitments, and

WHEREAS, the legal title has been transferred to Michigan State University;

Now, Therefore, BE IT RESOLVED that any two of the following officers, namely, the President, Vice President for Business and Finance, and Secretary of the Board of Trustees of Michigan State University, be and hereby are authorized and empowered to negotiate the borrowing of necessary funds in an amount not to exceed Seven Hundred Thousand Dollars ($700,000) from the Manufacturers National Bank of Detroit.

—continued—
Refinancing of Advanced Management Center, cont.

BE IT FURTHER RESOLVED that any two of said officers are authorized and empowered to execute evidences of indebtedness incident thereto, and this Board allocates in payment thereof the funds received in satisfaction of outstanding pledges and such other funds as may legally be used for such purpose, including, but not limited to, unallocated fees collected from students at Michigan State University.

BE IT FURTHER RESOLVED that said evidences of indebtedness or the obligations evidenced thereby shall not become a charge against the State of Michigan or this Board, or any member or officer thereof; nor shall said notes become a lien on or be secured by any property, real, personal or mixed, of the State of Michigan or the Board, other than the funds hereinbefore allocated.

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

5. Trustees' Awards Winter Term 1977

The students graduating at the 1977 winter term commencement who had the highest scholastic averages at the close of their last term in attendance and are therefore recommended to receive the Board of Trustees' awards are:

First high man - Jack Edward Chapin, James Madison - Justice, Morality and Constitutional Democracy Policy Problems major, 3.912 average, graduate of Corry Senior High School, Corry, Pennsylvania

First high woman - Gail Carol Ward, Communication major, 3.979 average, graduate of Irondequoit High School, Rochester, New York

Second high man - Peter Cooper White, Biochemistry major, 3.898 average, graduate of Elgin High School, Elgin, Illinois

Second high woman - Peggy Ioleen Mann, Accounting major, 3.941 average, graduate of Howell High School, Howell, Michigan.

RESOLVED that the Board of Trustees' awards be approved.

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

6. It is recommended that the appropriate degrees be awarded to those students who, according to the records of the Registrar, completed the requirements for graduation winter term 1977.

RESOLVED that the degrees be awarded as recommended.

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

7. In February 1970, the Board of Trustees adopted the University's Anti-Discrimination Policy and Procedures, establishing internal procedures for the investigation and resolution of complaints alleging illegal discrimination. The policy has not been amended since 1972. Over the past year, the Department of Human Relations has been conducting a review of the effectiveness of the grievance machinery as it actually has performed. As a result of this review, and in consultation with interested individuals and groups, the department has developed a revised document (copy on file in the Secretary's Office) that retains the commitment and intent of the original policy, yet improves the process to provide for a speedier and more efficacious resolution of discrimination complaints.

RESOLVED that the Board of Trustees approves the proposed revision of the Michigan State University Anti-Discrimination Policy and Procedures.

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

Trustee Stack, supported by Trustee Smydra, moved to amend Article II of the proposed policy and procedures by adding "age, political persuasion and sexual orientation" to items 1, 2, and 3 under section A, "Kinds of Discrimination Prohibited." Motion to amend carried unanimously.

The original motion to approve the resolution carried by a vote of 5 to 0 with three abstentions. Trustees Bruff, Carrigan, Krolikowski, Radcliffe, and Stack voted Yes and Trustees Martin, Smydra, and Stevens abstained.

8. The Trustees were furnished with a report (copy on file in the Secretary's Office) outlining the University's participation with the University of Michigan in the Michigan Sea Grant program. In order to formalize the University's new relationship to the program, the following resolution is recommended for approval.

RESOLVED that the Board of Trustees approves Michigan State University becoming a co-sponsor with the University of Michigan of the Michigan Sea Grant program.

Unanimously approved. Motion by Trustee Bruff, seconded by Trustee Stevens.
9. Merger of Instructional Television Services and Television Broadcasting

In September of 1976, a committee (Robert Davis, Erling Jorgensen, and Robert Page) was asked to prepare a plan for the more effective utilization of instructional and broadcast television services at Michigan State University. The plan was to include (a) a merger of the two units involved, (b) a restoration of instructional television services lost as a result of retrenchment, and (c) a net reduction in the total budget.

On January 12, 1977, the committee report was transmitted to the Board of Trustees as an informational item. At that time members of the Board were invited to make comments or raise questions. The report has been reviewed and at this time it is recommended that the following resolution be approved. If approved, personnel actions, budget actions related to restoration of instructional services, and the reduction of budget will be presented for Board action as the details are worked out.

RESOLVED that the administrative units currently known as Instructional Television Services and Television Broadcasting be merged into a single unit to be known as Instructional and Public Television, effective March 1, 1977.

Trustee Carrigan's motion, seconded by Trustee Smydra, to approve the above resolution carried by a vote of 7 to 0. (Trustee Martin left the meeting prior to the vote.)

10. The following proposal has been developed in accordance with the Board's instructions to develop a budget to establish a campus Office of Legal Services.

**Salaries**

<table>
<thead>
<tr>
<th>Position</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 attorneys reporting to Vice President for Legal Affairs</td>
<td>$70,000</td>
</tr>
<tr>
<td>Secretarial and paralegal</td>
<td>$30,000</td>
</tr>
</tbody>
</table>

**Services, Supplies and Equipment**

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Library</td>
<td>$20,000</td>
</tr>
<tr>
<td>Furnishings and Office Equipment</td>
<td>11,000</td>
</tr>
<tr>
<td>Office Supplies, Publications, Legal Supplements, etc.</td>
<td>12,000</td>
</tr>
</tbody>
</table>

Total (excluding fringe benefits) $143,000

The above figures are for the first full year of operation. Funding for the 4½ months remaining in the present fiscal year is recommended as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries (4½ months)</td>
<td>$37,500</td>
</tr>
<tr>
<td>Library</td>
<td>$20,000</td>
</tr>
<tr>
<td>Furnishings and Office Equipment</td>
<td>11,000</td>
</tr>
<tr>
<td>Office Supplies, Publications, Legal Supplements, etc.</td>
<td>6,500</td>
</tr>
</tbody>
</table>

Total (excluding fringe benefits) $75,000

RESOLVED that a budget of $75,000 for the Office of Legal Services be approved as outlined above.

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

11. Establishment of Campus Parking Violations Bureau

The University employs two systems of enforcement for on-campus parking.

Enforcement for vehicles registered under the Student Motor Vehicle Regulations is carried out internally with any revenues from fines for violations going into the Law Enforcement Student Loan Fund.

Enforcement for other vehicles is carried out under the University Ordinances. Fines for Ordinance violations are collected either by the East Lansing or Mason District Court, depending on the court jurisdiction in which the violation occurred. The revenue for these offenses remains with those political subdivisions.

State law (Act No. 291, P.A. of 1967, as amended) permits public universities to establish their own violations bureaus for the purpose of accepting pleas of guilty to violations of University parking ordinances. Revenues from this activity would remain with the University. The Department of Public Safety, the All-University Traffic Committee and, most recently, the Michigan Efficiency Task Force have recommended that Michigan State University establish its own Parking Violations Bureau as authorized by Act 291.

-- continued --
11. Establishment of Campus Parking Violations Bureau, cont.

The University has tentatively agreed to this proposal and has informed the City of East Lansing and the Mason District Court of intent to make the change effective July 1, 1977. Trial of contested cases would remain with the appropriate judicial district.

In order to implement this proposal, it will be necessary for the Board to amend its present Ordinances as follows, effective July 1, 1977.

An ordinance to establish a Parking Violations Bureau, describe its operation, and set a schedule of penalties for violation of the parking ordinance, pursuant to the Constitution of the State of Michigan, Public Act 80 if 1905, as amended, Public Act 269 of 1909, as amended, and Public Act 291 or 1967, as amended.

39.30 - There is hereby established a Parking Violations Bureau which shall be the exclusive agency for accepting pleas of guilty in cases of violation of the provisions of the parking ordinance.

39.31 - The Parking Violations Bureau shall be under the direction of the Director of Public Safety of Michigan State University, or his designee, who shall make a monthly accounting to the Vice President for Business and Finance of fines collected.

39.32 - The Parking Violations Bureau shall accept the fines listed in subsection 39.28 of these ordinances for the offenses charged, and payment and acceptance of such fines within five days of the violation shall be deemed complete satisfaction for the violation, and a receipt so stating shall be given the violator.

An additional penalty of $1.00 shall be added if not paid within five days.

It will also be necessary to authorize staffing and other expenditures to gear up for July 1 operation and to operate the Parking Violations Bureau thereafter. This activity should be handled on a revolving fund basis to retain maximum flexibility in devoting net revenues to such University uses as the Board may direct.

The administration recommends that these funds be reserved for campus improvements for which adequate funding does not now exist. This recommendation envisions a variety of potential uses for such funds including improving access to campus facilities, fire safety projects, safety improvements, campus lighting, bicycle paths, etc., with the details to be worked out later.

RESOLVED that the Board approves the proposed Ordinance effective July 1, 1977, authorizes the establishment of a Parking Violations Bureau, and reserves the net revenues therefrom as outlined above.

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

Trustee Stack asked if a system could be devised under which visitors on campus who committed first-time violations of the parking ordinance could be issued a warning rather than a ticket. Trustee Bruff suggested that the administration be asked to submit a proposal for such a system for future consideration.

Trustee Stack also asked that a solution be sought for the problems that faculty and staff have when they leave the campus during the day because of University-related responsibilities and are unable to find faculty-staff parking upon their return. President Wharton stated he felt it would be useful if the Board had an opportunity to be informed on the variety of issues affecting parking on the campus.

Trustee Smydra moved to amend section 39.32 of the proposed ordinance by inserting the word "academic" after the word "five" in the last sentence. Motion seconded by Trustee Stack and approved by a vote of 5 to 0 with Trustees Bruff and Krolikowski voting No and Trustee Martin absent.

Trustee Bruff's motion to approve the ordinance carried unanimously.
Procedures for Addressing the Board of Trustees and its Committees

Meetings of the Board of Trustees and Board committees are open to the public as provided by law. The Board regards the opportunity for expression of public views on issues before the Board as an important part of its deliberations. Accordingly, these guidelines are established to facilitate the orderly implementation of this philosophy.

To accommodate such expression, the Board customarily reserves the Thursday evening session of its regular monthly meeting for individuals and groups who wish to address the Board on various topics. Insofar as possible, those wishing to address the Board should contact the Secretary of the Board of Trustees at least a week prior to the session. However, the Secretary or designee also will make forms available at the room where the meeting is to be held. Persons desiring to address the Board or committee shall provide the following information:

1. Name
2. Address
3. Relationship to the University, if any (e.g., student, faculty, staff)
4. Topic on which they wish to speak
5. Any prior submission or disposition of the issue.

At their option, such persons may also provide:

1. A brief written statement of their position on the issue
2. Position papers for distribution to the Board or committee members.
   (Note: The University will not assume responsibility for duplication of position papers.)

At the appropriate time the presiding officer will recognize persons who have provided the required information.

Individual presentations are limited to 5 minutes and the total time for presentations on any item or topic is limited to 15 minutes unless an extension of time is approved by the Board or committee. When a group of persons share the same interest, it is recommended that they choose a representative to present their point of view. When the Board or committee believes that adequate public input has been obtained on any issue, testimony may be closed by majority vote.

RESOLVED that the proposed procedures for addressing the Board of Trustees and its committees be approved and that the meeting policies of the Board of Trustees approved on February 16, 1973 and revised on March 21, 1975 be rescinded.

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

Revised Article II, Bylaws of the Board of Trustees

14. It is recommended that the Article II of the Bylaws of the Board of Trustees be revised as follows:

ARTICLE II
Meetings of the Board

The Board shall meet monthly, except as otherwise provided by the Board. Meetings will ordinarily be held at Michigan State University in East Lansing, but may be held at such other times and places in Michigan as the Board may determine.

A majority of the members shall constitute a quorum to do business, but a smaller number may meet and adjourn to some other time or until a quorum is obtained.

-- continued --
D. OTHER ITEMS FOR ACTION, continued

February 25, 1977

14. Revision to Article II, Bylaws of the Board of Trustees, cont.

ARTICLE II, cont.

Meetings of the Board, cont.

Meetings of the Board may be called in accordance with Article II, Article II.

At all regular meetings and special meetings it shall be valid to act on any subject within the power of the corporation, unless the call of the special meeting is limited.

The business at each regular or special meeting shall be conducted under general parliamentary rules set forth in Robert's Rules of Order as modified by the rules and regulations of the Board.

Meetings of the Board shall be open to the public as provided by law.

RESOLVED that the proposed revision to Article II of the Board Bylaws be approved

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

15. Trustee Carrigan proposed that the Secretary report each Trustee's University-paid expenses by major purpose as an informational item with each Board agenda.

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

E. DISCUSSION ITEMS

1. Snow Removal for the Handicapped

Trustee Carrigan said it had been brought to her attention that the delay in snow removal has imposed special difficulties upon handicappers attending their classes.

Executive Vice President Breslin called on Milton Baron, Director of Campus Park and Planning, to discuss this problem. Mr. Baron described the snow removal priorities of the Grounds Department. He estimated that to provide better access for the handicapped by 8:00 in the morning it would cost approximately $7,800 for the balance of this fiscal year, of which $4,000 would be for new mobile hand snow removal equipment. $15,000 would have to be provided in next year's budget to annualize this increased effort.

Trustee Carrigan asked if heating coils offered a viable alternative to hand removal of snow. Mr. Baron responded that heating coils are extremely expensive.

Mr. Eric Gentile, Assistant Coordinator, Programs for Handicappers, was asked to comment. He expressed the handicappers' appreciation for the excellent job which is done by the Grounds department with the resources available to them. He felt, however, that the University should explore alternatives to hand removal of the snow.

Trustee Carrigan suggested that representatives from Mr. Baron's office and the Office of Programs for Handicappers get together to explore options and report back to the Board. Trustee Carrigan also suggested that a presentation by the Office of Programs for Handicappers be scheduled for an early date.

2. Communication to Committee to Review Judicial Procedures

Trustee Smydra requested that the following letter be included in the Board record.

Dr. Barbara C. Steidle, Chairperson
Committee to Review Judicial Procedures
Department of History
404 Morrill Hall
Michigan State University

Dear Dr. Steidle:

Inasmuch as the adjudication channels as defined by the Academic Freedom Report for the hearing of student grievances within this University are regarded by many as antiquated and in need of revision; and

Inasmuch as there exists within the University community a committee charged with the specific responsibility of examining that system and of making specific recommendations for the improvement of that system; and -- continued --
February 25, 1977

2. Communication to Committee to Review Judicial Procedures, cont.

Inasmuch as I believe that improvement, and if need be, revision of that system is essential for the prompt adjudication of student grievances within the University;

Therefore, it is my personal request that the aforementioned committee issue a statement of its findings to date and of its progress to date at the next public session of the Board of Trustees.

Sincerely,

(Signed) Michael J. Smydra, Member
MSU Board of Trustees

President Wharton indicated the Committee would be asked to respond.

Adjourned.

MINUTES OF THE EXECUTIVE SESSION
of the
MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
1:50 p.m., February 25, 1977

Present: Trustee Bruff, Carrigan, Krolikowski, Martin, Smydra, Stack, and Stevens; President Wharton, Provost Boger, Executive Vice President Breslin, Vice President Wilkinson, Secretary Ballard, Vice Presidents Cantlon, Carr, Nonnamaker, Perrin and Scott; Associate Provost C. L. Winder.

Absent: Trustee Radcliffe

1977 Dist. Citizen Awards

Richard Austin, Michigan Secretary of State, Mary E. Coleman Michigan Supreme Court Justice, and Stanley S. Kresge, founder of the S. S. Kresge Company, were nominated to receive the 1977 Distinguished Citizen Awards.

On motion by Trustee Bruff, seconded by Trustee Martin, it was unanimousiy voted to approve the above nominations.

Several named to receive Dist. Alumni Awards

The Awards Committee of the Executive Board of the MSU Alumni Association recommended that the following alumni receive Distinguished Alumni Awards.

Leonard R. Barnes, Editor of the Motor News Department, Automobile Club of Michigan
William R. Barrett, President, Inmont Corporation
Robert H. Burns, President, Regent International Hotel, Ltd.
Earl R. Hoekenga, Chairman of the Board and President, Ryder Truck Lines, Inc.
Clifford N. Kirtland, Jr., President, Cox Broadcasting Corporation
Harris O. Machus, Restaurateur
Dorothy R. Ross, Professor Emeritus, Michigan State University

G. Donald Johnston, President and Chief Executive Officer, J. Walter Thompson Co., New York, was previously approved as one of the June recipients. It was recommended that Harris O. Machus and Dorothy R. Ross also be honored at the June 1977 commencement and that the others be honored at future commencements.

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

Lane Kirkland to receive Hon. Alumnus Award

On motion by Trustee Bruff, seconded by Trustee Stevens, it was voted to approve an Honorary Alumnus Award to Mr. Lane Kirkland, Secretary-Treasurer of the AFL-CIO. The award will be presented to Mr. Kirkland during a visit to the Lansing area on March 25.

Resources for Capital Fund Campaign; administration authorized to commit to sale of Sarah Van Hoosen Jones property

President Wharton reviewed the funding plan for the proposed $16 million Performing Arts Center, noting that this plan calls for private support of $11 million with the State of Michigan being asked for $5 million to fund the academic portion of the facility. It is conceivable that the areas for which private funding is contemplated can be constructed independently of the state-funded portion if state funding should not be immediately forthcoming.

In addition to the Performing Arts Center, the identified objectives of the fund campaign include $2.750 million for the Museum, $1.5 million for the Library, and $1.750 million for -- continued --
Executive Session Minutes, continued

February 25, 1977


endowed chairs. The key to achieving all of these objectives and particularly the largest single portion for the Performing Arts Center is to have most of the money pledged at the time of the formal announcement of the fund raising program this spring.

The best present estimate is that if the University is successful in obtaining $3.0 million from the Kresge Foundation for the Performing Arts Center, we will have $6.5 to $7.0 million of the $11.0 million goal with another $2 to $3 million probable from other prospective large donors. In order to obtain the $3 million from the Kresge Foundation, however, we will have to have our grant application in by March 31 and will have to indicate to Kresge that other funding commitments are available to assure completion of the project. Thus, even though there is good reason to believe that presently committed donors and prospective donors of larger amounts will provide the basis for offering the necessary assurances to Kresge, it is recommended that the Board grant contingent authority to sell the Sarah Van Hoosen Jones property to be able to meet the Kresge requirement. The final decision on the exercise of such authority would be made at the end of the campaign and if any sale were to take place would be made in an open meeting.

The following table summarizes these proposed funding commitments for the Performing Arts Center:

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On Hand</td>
<td>$2.000</td>
</tr>
<tr>
<td>Present commitments</td>
<td>$2.000</td>
</tr>
<tr>
<td>Kresge Foundation</td>
<td>$3.000</td>
</tr>
<tr>
<td>Prospective large donors</td>
<td>$2.000 - $3.000</td>
</tr>
<tr>
<td>Formal fund campaign</td>
<td>$3.000 - $2.000</td>
</tr>
<tr>
<td>Total</td>
<td>$10.000 - $12.000</td>
</tr>
<tr>
<td>Contingency S.V.H.J.</td>
<td>$3.000</td>
</tr>
</tbody>
</table>

As the above figures indicate, if we secure the Kresge money, the contingency sale would have to be made only if both prospective donors of large amounts and the formal fund campaign produce at the minimal level. Neither of these eventualities is anticipated.

There was extended discussion of three points. First, it was noted that a commitment to sell the Sarah Van Hoosen Jones property in order to fund the Performing Arts Center would preclude consideration of using the potential proceeds from that source to fund other needed projects. Second, in the event it is necessary to carry out this sale, it means that the University itself will be making a funding contribution to a project which had been approved on the assumption it would be privately funded. Third, there was concern for the procedural question of acting on the proposal in Executive Session.

In regard to the first two points, the majority view appeared to be that the proposed action basically parallels the common requirement of committing collateral for securing a loan. There is the assumption that it will not be necessary to lose the collateral because the commitment will be met without doing so. The collateral is merely evidence that resources other than general faith and credit are available to meet the primary commitment. Under this premise, the legitimate question over possible alternative uses of the proceeds from sale of the Sarah Van Hoosen Jones property becomes moot.

In regard to the procedural point there appeared to be majority sentiment that public discussion at this time would seriously undermine the strategy and timetable for announcing the fund raising campaign and might also have the effect of reducing the market value of the property. Attorney Carr indicated that, in his opinion, under current law the proposed action would be legal if approved in Executive Session.

Trustee Carrigan moved, seconded by Trustee Stack, to authorize the administration to commit to the sale of the Sarah Van Hoosen Jones property if necessary to meet the conditions of the Kresge Foundation grant policy, with the execution of any sale under this action subject to approval by the Board.

Trustee Bruff moved to table the motion until the next Board meeting, supported by Trustee Smydra. The motion lost with Trustees Bruff and Smydra voting Yes, Trustees Carrigan, Krolikowski, Martin, Stevens, and Stack voting No.

Trustee Carrigan's motion passed with Trustees Carrigan, Krolikowski, Martin, Stevens, and Stack voting Yes; Trustees Bruff and Smydra voting No.

5. March Board Meeting

It was requested that the administration report to the Board on the accreditation of the College of Veterinary Medicine and on the audit of Data Processing at the March Board meeting. President Wharton pointed out that March might not be the best date for a discussion of Veterinary Medicine since Dean Welser would be out of the country.

Reports requested on Col. of Vet. Med. accreditation and audit of Data Processing.
Executive Session Minutes, continued

February 25, 1977

6. Alumni Association Bylaws

It was the sense of the Board that Chairperson Carrigan and Vice Chairperson Bruff should meet with members of the Organization Committee of the Alumni Association Executive Board to explain the University's proposal in respect to organizing the Alumni Association as an independent non-profit corporation.

7. Law School

It was agreed to explore the options of 1) continuing to seek funding for a Michigan State University College of Law, 2) a possible merger with the Thomas Cooley Law School, 3) conversion of James Madison College to a College of Law.

A position paper exploring these options is to be prepared by key administrators involved as designated by President Wharton (Provost Boger, Vice Presidents Breslin and Cantlon, and Secretary Ballard) and then submitted to a Board committee composed of Trustees Smydra, Krolikowski, and Stack for discussion.

8. Review of Michigan State University's Role and Mission

Discussion of this item was postponed until the March meeting.

Adjourned.

President

Secretary