President Wharton called the Finance Committee meeting to order at 7:42 a.m.

The following members were present: Trustees Carrigan, Hartman, Huff, Martin, Merriman, Stevens and Thompson; Trustees-elect Radcliffe and Stack; President Wharton, Executive Vice President and Secretary Breslin, Vice Presidents Scott and Wilkinson; Provost Cantlon, Assistant to the President Ballard, Attorney Carr.

Absent: Trustee White.

1. Trustee Thompson reported that he and Trustee Hartman, the other member of the Trustee Audit Committee, had met with Ernst and Ernst near the end of the 1971-72 audit and were favorably impressed with the cooperation with the University in the areas in which the auditors were involved and with the close collaboration with the Internal Auditor. It was the recommendation of the Trustee Audit Committee that Ernst and Ernst be retained for the 1972-73 fiscal year audit.

Motion was made by Trustee Merriman, seconded by Trustee Thompson, to employ Ernst and Ernst as auditors for fiscal 1972-73. Unanimously approved.

2. Executive Vice President Breslin reported that he had recently been approached by Mr. Harry Box regarding the reopening of negotiations for the purchase by the University of the Box property. These efforts were temporarily halted by the sudden death of Mr. Box. Mr. Breslin asked for guidance from the Trustees in future discussions with Mrs. Box. Provost Cantlon reported that the acquisition of this property by another buyer could pose a serious threat to research being carried on in this vicinity and to the Water Quality Management Project. President Wharton informed the Trustees that Executive Vice President Breslin is chairing an ad hoc committee which is reviewing the University policies on land purchase and sale and land holdings. The Box property would be considered in relation to the total University holdings, with a high priority on its purchase with funds gained from the sale of other property.

It was the consensus of the Trustees that Mr. Breslin should resume negotiations with Mrs. Box for the purchase of her property at between $4,000 and $5,000 per acre.

3. At the October 20, 1972 meeting, the Trustees adopted investment guidelines which were recommended by Mr. James Baxter of Scudder, Stevens & Clark. These guidelines included a recommendation that we add to our stock buy list the stocks of the Carnation Company, the Coca-Cola Company, the Pacific Gas and Electric Company, and the Union Carbide Corporation.

The Trustees requested that these companies not be added to the list until they had an opportunity to review the literature relating to each company as presented by Scudder, Stevens & Clark.

It was now recommended that the above companies be included in the investment portfolio of the University.

RESOLVED that the University Investment Committee be authorized to make investments in the Carnation Company, the Coca-Cola Company, the Pacific Gas and Electric Company and the Union Carbide Corporation, as recommended by the Scudder, Stevens & Clark investment counsel. Unanimously approved. Motion by Trustee Huff, seconded by Trustee Martin.

4. Vice President Wilkinson informed the Trustees that the University has received an offer from its agent, the Mourer Insurance Agency, and the carrier, Queens Insurance Company, to cancel the present property insurance agreement effective October 1, 1972 and enter into a new three-year agreement at a lower insured rate resulting in an annual savings to the University of approximately $56,000. He submitted the following points for the Board's consideration:

a. The Board has adopted the practice of bidding the property insurance program and the present three-year contract expires on February 28, 1973.

b. The offer of the Mourer Insurance Agency will result in substantial savings to the University, however, we cannot determine whether re-bidding the program will produce the same savings. Recent discussions with other university insurance managers indicated that the bids would not necessarily be as low as the new rate offered.

c. Mourer Insurance Agency, along with Queens Insurance Company, has handled the insurance program for the University for thirty-three years. Six years ago the University took the first bids on the program. Only two agencies submitted bids and the Mourer Agency was low bidder. Three years ago, because of national student disruptions, there was little interest by agencies to bid on programs for institutions of higher learning. Consequently, the Mourer Agency was the only bidder.

Present property insurance agreement cancelled eff. 10-1-72; new 3-yr agreement approved
Finance Committee Minutes, continued

November 16, 1972

4. University Insurance Program, continued

d. The market has now softened slightly and there is a possibility of greater interest in our program if we decide to solicit bids.

e. Most universities do not bid their programs because they are of the opinion that better service and lower rates result if they work with one agent. They contend that by bidding the program, prices become the only factor and an agent is reluctant to recommend changes in the program because of the short period of time he may be involved in administration of the program.

Vice President Wilkinson also informed the Trustees the contract being considered would run for three years but could be reviewed in a year.

Motion was made by Trustee Thompson, seconded by Trustee Carrigan, to enter into the new three-year agreement as proposed by the Mourer Insurance Agency, with the understanding the contract may be reopened a year from now. Motion carried by a vote of 6 to 1, Trustee Huff voting "No."

President Wharton and Vice President Wilkinson also informed the Trustees that there is under way among the 13 members of the Michigan Council of State College Presidents an investigation into the possibilities of a joint approach to the insurance needs of all of the universities. The Trustees will be advised of developments in this project.

5. The Cooperative Extension Service has received a supplemental appropriation of $242,603 of Smith-Lever funds which they request be allocated as follows:

<table>
<thead>
<tr>
<th>Service</th>
<th>4-H Program, Urban Salaries</th>
<th>4-H Program, Rural Salaries</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$107,162</td>
<td>$ 67,581</td>
<td>$174,743</td>
</tr>
<tr>
<td>Travel</td>
<td>2,000</td>
<td>3,000</td>
<td>5,000</td>
</tr>
<tr>
<td>Maintenance</td>
<td>52,573</td>
<td>10,287</td>
<td>62,860</td>
</tr>
</tbody>
</table>

In addition, they request the release of federal funds carried forward amounting to $65,385.58 for Smith Lever and $13,289.33 for Rural Development to be released for salary expenditures.

RESOLVED that the Trustees approve the acceptance of the supplemental appropriation and release the allocation of funds as recommended.

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

6. Following the April 21, 1972 Board action, the University invested $300,000 in The Common Fund. Through September 30, 1972, the University has received income which has been reinvested amounting to $3,165.04. The market value of our investment as of September 30, 1972 was $293,904.21. Since the University has entered The Common Fund, there has been a decline in market value. However, it should be pointed out that we have been a member of the Fund for just a five-month period of time in which there has been great fluctuation within the market.

The Common Fund reports upon the completion of its first year of business as of June 30, 1972 that it now has 216 members, that total cash and securities received amounting to $157,096,000.00 have a market value as of June 30, 1972 of $170,637,000.00, and that during its first year of operation The Common Fund did yield a return of 12.8% following the total return concept of investments.

Report on investment in The Common Fund

7. The 400 shares of ACMAT stock which were submitted with a gift and grant form for acceptance at the October 1972 meeting were sold on October 18, 1972 for a net amount of $7,128.70. This stock was a gift from Mr. Jens Touberg for the Museum to be used for ecological studies.

RESOLVED that the report of the sale of the 400 shares of ACMAT stock be accepted.

Unanimously accepted. Motion by Trustee Huff, seconded by Trustee Martin.

8. Executive Vice President Breslin recommended the approval of a two-year contract, September 1, 1972 to September 1, 1974, between Michigan State University and Local No. 274 of the International Alliance of Theatrical Stage Employees and Moving Picture Machine Operators of the United States and Canada.

RESOLVED that the contract between Michigan State University and Local No. 274 of the International Alliance of Theatrical Stage Employees and Moving Picture Machine Operators of the United States and Canada, as recommended, be approved.

Unanimously approved. Motion by Trustee Hartman, seconded by Trustee Merriman.
9. Reports

a. President Wharton reported that the labor contracts with Locals 999 and 1585 had been ratified. Executive Vice President Breslin added that the contract with Local 999 totaled a 6.2% increase in pay and benefits and the contract with Local 1585 amounted to a 6.8% increase. Each contract is over the federal guidelines of 5.5% and therefore would have to be taken to the Wage-Price Board for approval or disapproval. No retroactive payments will be made pending a decision of the Wage Board.

b. President Wharton mentioned that in the faculty election on collective bargaining, the "No" vote came out on top.

c. In the run-off election for the right to represent the Clerical-Technical employees, the President reported a 17-vote difference between the two groups, with 179 challenged ballots. Each of the challenged ballots will have to be examined by the Michigan Employment Security Commission (MESC) and it may be some time before the outcome of this election is known.

d. President Wharton reported that on the rebidding for the Water Quality Management Project, the new low bid had come in at approximately $40,000 higher than the original bid. The consultants, Johnson and Anderson, have not yet had time to make their recommendations as to appropriate action to be taken on the new bids. In the interest of avoiding a delay, Trustee Merriman recommended that the Trustees authorize the administration to take action on this project.

Motion was made by Trustee Huff, seconded by Trustee Hartman, to authorize the administration to proceed with the Water Quality Management Project along the lines recommended by the consultants. Unanimously carried.

e. The question of whether or not the University should engage in the sale of lottery tickets was raised, and it was the general feeling that the University should not engage in this function and should not permit students or student groups to be involved in the sale of the tickets on the campus. If the administration feels there is pressure to change this position, it will be reviewed by the Trustees.

f. President Wharton introduced a discussion regarding the December and January Board meetings. He suggested the December meeting be cancelled, that two all-day meetings of the Trustees be scheduled during the dates of January 8, 9, 10, 11, and the regular Board meeting be moved from January 19 to the 12th.

Motion was made by Trustee Stevens, seconded by Trustee Martin, to cancel the December 1972 Board meeting with the understanding that if Board action is required on any matters a meeting will be called. Unanimously approved. It was also agreed that the Trustee retreat would be scheduled for January 9 and 10; no meeting would be planned for Thursday evening, the 11th; and the regular January Board meeting would be held on the 12th.

g. President Wharton reported that budget hearings had been held for the medical schools, College of Education, Agricultural Experiment Station, and Cooperative Extension Service. On-campus hearings by the Legislative Fiscal Agency are scheduled for November 27, 28, and 29.

Meeting adjourned at 8:58 a.m.
A. PERSONNEL CHANGES

November 17, 1972

Resignations

1. Sigifredo L. Cavazos, Assistant to Director, Special Programs, Cooperative Extension Service, effective October 31, 1972 to accept a position with Jackson Public School system.

2. Lynn M. Hansen, Extension Home Economist, Calhoun, Jackson, Branch, and Hillsdale Counties, effective December 22, 1972 to become full-time homemaker.


4. Patricia A. Reynolds, Extension 4-H Youth Agent, Montcalm, Ionia, and Barry Counties, effective November 15, 1972 to seek other employment and to return to graduate school on a part-time basis.


8. Elaine Williams, Instructor, Institute for Family and Child Study, effective October 6, 1972 due to family responsibilities.


11. Robert E. Allen, Jr., Associate Clinical Professor, Surgery, effective August 31, 1972 to move to California.

12. Frank R. Lovell, Jr., Assistant Professor, Surgery, effective September 30, 1972 to correct wrong term of appointment listed on appointment recommendation.


14. Paul C. Killgoar, Research Associate, Chemistry, effective November 6, 1972 to accept a permanent position elsewhere.

15. Roger V. Lloyd, Research Associate, Chemistry, effective December 15, 1972 to accept a position elsewhere.


17. John G. Scandalios, Associate Professor, MSU/AEC Plant Research Laboratory, effective January 31, 1973 to accept position of Professor and Chairman, Biology Department, University of South Carolina.

18. Cancellation of the appointment of Barbara H. Fuller, Clinical Instructor, Community Medicine, effective September 1, 1972 through August 31, 1973.


22. Gary M. Mendelsohn, Specialist, Computer Institute for Social Science Research, effective November 30, 1972, to accept position with Digital Equipment Corp.


25. William A. Vincent, Instructor, Humanities, effective August 31, 1973 due to failure to gain terminal degree within seven years probationary time, plus one-year extension.

A. PERSONNEL CHANGES, continued

Resignations, continued

27. Beverly Y. Cockrell, Assistant Professor, Center for Laboratory Animal Resources, effective December 19, 1972 for personal reasons.

28. Ivory L. Clinton, Consultant, University Conferences and Institutes, effective October 31, 1972 to accept a position with NEA.


Leaves—Sabbatical

1. Eleanor G. Huzar, Professor, History, with half pay, effective September 1, 1973 through August 31, 1974 to study and travel in Spain, Italy, the Middle East, and East Lansing.


3. L. W. Mericle, Professor, Botany and Plant Pathology, with half pay, effective January 1, 1973 through June 30, 1973 to study at the University of Texas, Austin, and Colorado State University, Ft. Collins.

4. Edgar M. Palmer, Associate Professor, Mathematics, with half pay, effective September 1, 1973 through August 31, 1974 to study and conduct research at the Mathematical Institute, Oxford University, Oxford, England.

5. Henry G. Bloesser, Professor, Physics and Justin Morrill College, and Director, Cyclotron Laboratory, with half pay, effective September 1, 1973 through August 31, 1974 to study and research, CERN, European Organization for Nuclear Research, Geneva, Switzerland.

6. Joseph Spielberg, Associate Professor, Anthropology, with full pay, effective April 1, 1973 through June 30, 1973 to study in East Lansing.

7. Carroll J. Hawkins, Associate Professor, Political Science, with full pay, effective April 1, 1973 through June 30, 1973 to conduct research in Spain.

8. John E. Hunter, Associate Professor, Psychology, with full pay, effective April 1, 1973 through June 30, 1973 to study in Lansing.

9. G. Marian Kinget, Professor, Psychology, with full pay, effective April 1, 1973 through June 30, 1973 to travel in Brussels, Belgium; Paris, France; and Geneva, Switzerland.

10. James L. Phillips, Associate Professor, Psychology, and the Computer Institute for Social Science Research, with full pay, effective April 1, 1973 through June 30, 1973 to study in East Lansing.

11. Philip A. Korth, Associate Professor, American Thought and Language, with half pay, effective September 1, 1973 through August 31, 1974 to study in Washington, D.C. and Minneapolis, Minnesota.

12. Karl F. Thompson, Professor and Chairman, Humanities, with full pay, effective June 16, 1973 through September 15, 1973 to study and travel in France and England.

13. Dennis W. Strawbridge, Professor, Natural Science, with full pay, effective April 1, 1973 through June 30, 1973 to study in East Lansing.

14. Carol Harding, Assistant Professor, Intramural Sports and Recreational Services, with full pay, effective December 1, 1972 through February 28, 1973 to study and write in New York, New York.

15. Hugh Duffy Daugherty, Professor, Health, Physical Education and Recreation, and Special Assistant to Vice President for Development, Vice President for University Development, with full pay, effective January 1, 1973 through March 31, 1973.

Leaves—Health

1. Lysle F. Hutton, District Extension Consumer Marketing Information Agent, Flint area, with full pay, effective October 10, 1972 through December 9, 1972.


3. Robert G. LaFrad, Associate Professor, Institute of Agricultural Technology, with full pay, effective October 9, 1972 through February 8, 1973.
Leaves—Health, continued


5. Robert L. Raisler, Assistant Professor, Psychology, with full pay, effective October 1, 1972 through December 31, 1972.

Leaves—Other

1. Stephen B. Harsh, Associate Professor, Agricultural Economics, without pay, effective February 7, 1973 through April 12, 1973, to serve as Visiting Professor, University of Naples, Italy.


3. Arthur S. Elstein, Professor and Associate Director for Research, Medical Education Research and Development, and Professor, Psychiatry, without pay, effective April 1, 1973 through December 31, 1973 to accept a visiting lectureship, Hebrew University, Hadassah Medical School, Israel.


Transfers and Changes in Assignment

1. Change Norman A. Brown from Assistant Professor and Assistant Director of Resident Instruction, College of Agriculture and Natural Resources, to Associate Professor and Program Director, 4-H Youth, with an increase in salary to $20,000 per year on a 12-month basis, effective November 1, 1972. Tenure is granted with this promotion.

2. Change beginning date of appointment of Dixie F. Hesler as Program Leader, 4-H Youth Programs, from October 1, 1972 to November 1, 1972.

3. Transfer Keith L. Lamkin from Extension 4-H Youth Agent, Emmet, Charlevoix, and Cheboygan Counties, to County Extension Director, Emmet County, with an increase in salary to $16,200 per year on a 12-month basis, effective November 1, 1972.

4. Change of assignment for Fred J. Peabody from Associate Professor and Personnel Director, Cooperative Extension Service, and Acting Director, 4-H Youth Programs, to Associate Professor and Personnel Director, Cooperative Extension Service, effective November 1, 1972.

5. Change beginning date of appointment of Francis S. Idachaba as Assistant Professor, Agricultural Economics, from September 15, 1972 to October 6, 1972.

6. Transfer James R. Kirk, Assistant Professor, from Food Science and Human Nutrition to Dean's Office, College of Agriculture and Natural Resources, effective July 1, 1972 through June 30, 1973.

7. Change Istvan Gyeszli, Instructor, Packaging, from 75% time at a salary of $7,500 per year to 100% time at a salary of $10,000 per year, effective December 1, 1972 through June 30, 1973.

8. Change Herbert G. Bohnert, Professor, Philosophy, from Leave, no pay, effective September 1, 1972 through December 31, 1972, to Health Leave, full pay, effective September 1, 1972 through October 31, 1972, and Leave, no pay, effective November 1, 1972 through December 31, 1972.

9. Dual assignment of Oscar I. Tosi, Professor, to Audiology and Speech Sciences and the Dean's Office, College of Communication Arts, effective October 1, 1972.


11. Change of assignment for Verling C. Troldahl, Professor, from Communication and Dean's Office, College of Communication Arts, to Communication, only, effective November 1, 1972.

12. For Derek Whordley, Instructor, effective September 1, 1972 through August 31, 1973: a. Transfer from Elementary and Special Education to Student Teaching; b. Change from 75% time at a salary of $9,000 per year to 100% time at a salary of $12,000 per year.

A. PERSONNEL CHANGES, continued

Transfers and Changes in Assignment, continued

14. For Robert Boling, effective October 1, 1972 through June 30, 1973:
   a. Change from Research Associate to Assistant Professor;
   b. Dual assignment to Engineering Research and Electrical Engineering and Systems Science, with an increase in salary to $1,333.33 per month.


19. Change beginning date of appointment of Wanda L. Chenoweth as Assistant Professor, Food Science and Human Nutrition, from September 15, 1972 to November 1, 1972.

20. Change beginning date of appointment of Ralph Paul Ofcarcik as Assistant Professor, Food Science and Human Nutrition, from September 1, 1972 to October 9, 1972.


22. Change ending date of leave of absence for Ronald C. Simons, Associate Professor, Psychiatry, from September 1, 1972 to August 31, 1972.

23. For Charles W. Given, Assistant Professor, Health Services Education and Research, an additional assignment as Associate Director for Programs of Regional Medical Program Project, with an increase in salary to $15,500 per year on a 12-month basis, effective November 1, 1972 through June 30, 1973.

24. Change Marianne A. Paget, Instructor, Medical Education Research and Development, from 75% time at a salary of $8,100 per year to 100% time, at a salary of $10,800 per year on a 12-month basis, effective October 1, 1972 through June 30, 1973.


26. For Thomas Nowak, Instructor, effective January 1, 1973 through April 30, 1973:
   a. Change in assignment from Justin Morrill College to Justin Morrill College, Program of Sociology, and Dean’s Office, College of Social Science;
   b. Change from 50% time at a salary of $5,000 per year to 75% time at a salary of $7,500 per year on a 10-month basis, effective January 1, 1973 through April 30, 1973.

27. Change Harish C. Pant, from Research Associate to Postdoctoral Fellow, Biophysics, with an increase in salary to $791 per month, effective November 1, 1972 through January 31, 1973.


29. Change beginning date of appointment of Amnon Moalem as Research Associate, Cyclotron, from September 1, 1972 to October 22, 1972.

30. Change Anton Lang, Professor and Director, MSU/AEC Plant Research Laboratory, from 100% time at a salary of $35,200 per year to 50% time at a salary of $17,600 per year on a 12-month basis, effective January 1, 1973 through June 30, 1973.

31. Change J. L. Taylor, Jr. from Associate Professor and Assistant Dean for Student Affairs and Admissions, Dean’s Office, College of Osteopathic Medicine, and Associate Professor, Medical Education Research and Development, to Associate Professor, Dean’s Office, College of Osteopathic Medicine, and Medical Education Research and Development, effective October 1, 1972.

32. For Lawrence M. Jarrett, Staff Physician, MSU Health Center, an additional assignment as Clinical Associate Professor, Family Medicine, effective September 1, 1972 through August 31, 1973.

33. For Bernard Goldstein, Associate Professor, Department of Osteopathic Medicine:
   a. Change from a salary of $15,500 per year on a 12-month basis, to no pay, effective November 1, 1972 through June 30, 1973;
Transfers and Changes in Assignment

Baljit Singh
Walter A. Driedger
Bernice E. Demps
Chilecampalli A. Reddy
Hyram Kitchen
Ruth E. Renaud

A. PERSONNEL CHANGES, continued

Transfers and Changes in Assignment, continued

November 17, 1972

34. An additional assignment as Acting Director, Asian Studies Center, effective January 1, 1973 through June 30, 1973 for Baljit Singh, Professor, Political Science.

35. Change Walter A. Driedger from Instructor to Assistant Professor, Social Work, effective September 1, 1972 through August 31, 1973.

36. Dual assignment of Bernice E. Demps, Specialist, to University College Student Affairs and Center for Urban Affairs, and a change from 50% time at a salary of $2,900 per year to 100% time at a salary of $6,090 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.


38. Change Hyram Kitchen from Associate Professor, Biochemistry, and Associate Professor and Associate Director, Center for Laboratory Animal Resources, to Associate Professor, Biochemistry, and Associate Professor and Associate Director, Center for Laboratory Animal Resources, with an increase in salary to $25,000 per year on a 12-month basis, effective September 1, 1972.


40. Dual assignment of J. Gordon Williams, Assistant Professor, to Counseling Center and Psychology, effective September 1, 1972.

41. Assignment of Eugene P. Whiteside, Professor, Crop and Soil Sciences, to Overseas-MSU/AID Argentine Project, effective November 13, 1972 through December 8, 1972.

42. Assignment of Mason E. Miller, Associate Professor, Agriculture and Natural Resources Education Institute, to Overseas MSU/AID Rural Program Management Project, effective October 22, 1972 through October 28, 1972.

43. Assignment of Harold M. Riley, Professor and Acting Chairman, Department of Agricultural Economics, to Overseas, AID contracts Costa Rica and Colombia, South America, effective December 6, 1972 through December 22, 1972.

44. Assignment of George E. Rossmiller, Associate Professor, Agricultural Economics, to Overseas, Agricultural Economics Simulation Project, at an overseas salary of $21,800 per year on a 12-month basis, effective September 1, 1972 through April 30, 1973. Campus salary $19,000.

45. Assignment of Bill A. Stout, Professor and Chairman, Agricultural Engineering, to MUCIA Overseas Indonesia, at an overseas salary of $28,930 per year on a 12-month basis, effective January 1, 1973 through April 15, 1973. Campus salary $26,300.

46. Assignment of Kelly Max Harrison, Assistant Professor, Agricultural Economics, to Overseas AID Costa Rica, effective October 21, 1972 through November 2, 1972.

47. Assignment of James D. Shaffer, Professor, Agricultural Economics, to Overseas AID Costa Rica, effective October 21, 1972 through November 2, 1972.


51. Assignment of Calhoun C. Collier, Professor, Elementary and Special Education, to Overseas Graduate Program, effective August 1, 1972 through August 19, 1972.

52. Assignment of Charles V. Mange, Professor, Elementary and Special Education, to Overseas Graduate Program, effective September 18, 1972 through November 21, 1972.

53. Assignment of William J. Walsh, Professor, Elementary and Special Education, to Overseas Graduate Program, effective August 1, 1972 through August 19, 1972.

54. Change of assignment for Daniel Tsai from Computer Programmer AP-I to Senior Programmer AP-III, Agricultural Economics, with an increase in salary to $10,870 per year on a 12-month basis, effective November 1, 1972.
A. PERSONNEL CHANGES, continued November 17, 1972

Transfers and Changes in Assignment, continued

55. Change of assignment for Steven Huyser from Assistant User Liaison Manager AP-I to Manager of User Information Center AP-II, Computer Laboratory, with an increase in salary to $9,930 per year on a 12-month basis, effective November 1, 1972.

56. Change of assignment for Richard L. Hoover from Microbiologist VIII to Assistant Lab. Manager AP-I, Microbiology and Public Health, with an increase in salary to $9,330 per year on a 12-month basis, effective October 1, 1972.

57. Change of assignment for William E. Woodland from Assistant Lab. Manager AP-II to Laboratory Coordinator AP-III, Microbiology and Public Health, with an increase in salary to $11,270 per year on a 12-month basis, effective October 1, 1972.

58. Change of assignment for Juanita B. Atkinson from Office Assistant VII to Administrative Assistant AP-IV, Provost's Office, with an increase in salary to $11,180 per year on a 12-month basis, effective November 1, 1972.

59. Change of status for Joyce E. Adcock from Interior Designer, hourly payroll, to Interior Designer AP-III, Residence Halls, four-fifths time at a salary of $9,200 per year on a 12-month basis, effective November 1, 1972.

60. Change of assignment for Michael Morrison from Associate News Editor AP-V to Editor, News Bulletin AP-VII, Information Services, with an increase in salary to $14,700 per year on a 12-month basis, effective November 1, 1972.

61. Transfer Hugh Duffy Daugherty from Professor, Health, Physical Education and Recreation, and Head Football Coach, Intercollegiate Athletics, to Professor, Health, Physical Education and Recreation, and Special Assistant to Vice President for Development, Vice President for University Development, effective January 1, 1973.

62. Transfer Judith Ann Turk from Extension Family Living Editor AP-IV, Cooperative Extension Service, 60% time, at a salary of $7,100 per year on a 12-month basis, to Assistant to the President AP-V, President's Office, 100% time, at a salary of $12,590 per year on a 12-month basis, effective November 15, 1972.

Promotions

1. Change in title from Instructor to Assistant Professor for Atsuko Hirai, History, with an increase in salary to $11,000 per year on a 10-month basis, effective December 1, 1972.

2. Change in title from Instructor to Assistant Professor for Carl M. Gamb, Economics, effective September 1, 1972.

3. Change in title from Instructor to Assistant Professor for Edna L. Rogers, Social Science, effective December 1, 1972.

4. Change in title from Assistant Professor to Associate Professor for James B. Hamilton, Assistant Provost for Special Programs, Provost's Office, and Chemistry, effective January 1, 1973.

Salary Changes

1. Increase in salary for David H. Sing, Associate Professor, Microbiology and Public Health, and Human Development, to $23,000 per year on a 12-month basis, effective July 1, 1972.

2. Change in salary for Gary Alan Welch, Research Associate, Astronomy, from no salary to $10,900 per year on a 12-month basis, effective October 15, 1972 through August 31, 1973. Salary to be paid from NSF grant.

3. Increase in salary for Donald J. Hall, Professor, Zoology, and the Kellogg Biological Station, to $17,000 per year on a 10-month basis, effective September 1, 1972.

4. Increase in salary for Robert G. Wetzel, Professor, Kellogg Biological Station and Botany and Plant Pathology, to $22,250 per year on a 12-month basis, effective September 1, 1972.

5. Increase in salary for William Beardsley, Assistant Athletic Director AP-VIII, Intercollegiate Athletics, to $19,000 per year on a 12-month basis, effective November 1, 1972.

Appointments

1. Janice Kay Hartough, Extension Home Economist, Calhoun, Jackson, Branch, and Hillsdale Counties, at a salary of $10,000 per year on a 12-month basis, effective December 1, 1972.

2. Deborah K. Johnson, Specialist, Agricultural Economics, at a salary of $9,000 per year on a 12-month basis, effective October 19, 1972 through March 15, 1973.

Transfers and Changes in Assignment

Steven Huyser

Richard L. Hoover

William E. Woodland

Juanita B. Atkinson

Joyce E. Adcock

Michael Morrison

Hugh Duffy Daugherty

Judith Ann Turk

Promotions

Salary Changes

Appointments
Appointments, continued

3. Sherrill B. Nott, Assistant Professor, Agricultural Economics, at a salary of $16,500 per year on a 12-month basis, effective January 15, 1973.

4. Gunter Unser, Research Associate, Biochemistry, 15% time, at a salary of $1,200 per year on a 12-month basis, effective October 1, 1972 through July 31, 1973.

5. Shyun-long Yun, Research Associate, Biochemistry, at a salary of $7,850 per year on a 12-month basis, effective October 16, 1972 through October 15, 1974.

6. Victoria Marcarian, Research Associate, Crop and Soil Sciences, at a salary of $9,000 per year on a 12-month basis, effective November 1, 1972 through December 31, 1972.

7. Jorge D. Garcia, Research Associate, Food Science and Human Nutrition, at a salary of $8,300 per year on a 12-month basis, effective December 1, 1972 through November 30, 1973.

8. Hubert P. Conlon, Instructor, Horticulture, at a salary of $9,600 per year on a 12-month basis, effective December 16, 1972 through December 31, 1972.


10. Ronald L. Spangler, Assistant Professor, Horticulture, at a salary of $15,500 per year on a 12-month basis, effective November 16, 1972.

11. Donald Francis Holccek, Assistant Professor, Park and Recreation Resources, at a salary of $14,500 per year on a 12-month basis, effective December 1, 1972.

12. Alexandra T. Finelli, Instructor, Dean's Office, College of Communication Arts, 50% time, at a salary of $5,000 per year on a 12-month basis, effective October 1, 1972 through August 31, 1973.

13. Judith P. Frankmann, Assistant Professor, Dean's Office, College of Communication Arts, at a salary of $15,000 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.


15. Barbara A. O'Kelly, Instructor, Dean's Office, College of Communication Arts, at a salary of $10,000 per year on a 12-month basis, effective November 9, 1972 through December 31, 1972.


20. C. Robert Muth, Professor and Assistant to the Dean for Special Programs, Administration and Higher Education, at a salary of $28,000 per year on a 12-month basis, effective January 1, 1973.


23. Marilyn C. Hock, Instructor (Extension), Food Science and Human Nutrition, at a salary of $10,750 per year on a 12-month basis, effective December 1, 1972 through June 30, 1973.

24. Margaret G. Schroeder, Assistant Professor, Dean's Office, College of Human Medicine, 25% time, at a salary of $3,750 for the period September 1, 1972 through June 30, 1973.


A. PERSONNEL CHANGES, continued

Appointments, continued

27. Walter C. Averill, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

28. Peter R. Chisena, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

29. Clyde F. Davenport, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

30. Bruce F. Dummet, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

31. Roy J. Gerard, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

32. James T. Kayes, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.


34. Donald Mulhern, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through June 30, 1973.

35. James G. O'Brien, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

36. James E. Packer, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

37. Robert J. Toteff, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

38. Robert L. Vitu, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

39. Barry F. Waite, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

40. Lester E. Webb, Assistant Clinical Professor, Medicine, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

41. Lynne C. Appleford, Instructor, Pharmacology, at a salary of $10,400 per year on a 12-month basis, effective October 1, 1972 through September 30, 1973.

42. Steven I. Baskin, Research Associate, Pharmacology, at a salary of $8,500 per year on a 12-month basis, effective November 1, 1972 through October 31, 1973.

43. Toufic E. Haddad, Assistant Clinical Professor, Surgery, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.

44. Robert A. Holmes, Assistant Clinical Professor, Surgery, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.


46. Frank R. Lovell, Jr., Assistant Clinical Professor, Surgery, variable time, without pay, on a 12-month basis, effective October 1, 1972 through June 30, 1973.


49. Mary Lee Brady, Assistant Professor, Health Services Education and Research, and Human Development, at a salary of $18,000 per year on a 12-month basis, effective November 1, 1972 through June 30, 1973.

50. Chi-Pang Wen, Assistant Professor, Health Services Education and Research, and Human Development, at a salary of $25,000 per year on a 12-month basis, effective November 15, 1972.

51. Rolland W. Holland, Visiting Assistant Professor, James Madison College and Political Science, at a salary of $5,000 for the period March 16, 1973 through June 15, 1973.

52. Roy M. Anker, Instructor, Lyman Briggs College, 60% time, at a salary of $1,800 for the period January 1, 1973 through March 31, 1973.
A. PERSONNEL CHANGES, continued

Appointments, continued

November 17, 1972


55. Seikichi Izawa, Associate Professor, Botany and Plant Pathology, at a salary of $14,230 per year on a 12-month basis, effective October 1, 1972 through March 31, 1973.

56. Uan Kang, Research Associate, Chemistry, at a salary of $8,000 per year, effective September 16, 1972 through December 15, 1972.

57. Andrzej Lasota, Visiting Professor, Mathematics, at a salary of $2,200 per month on a 12-month basis, effective November 1, 1972 through November 30, 1972.

58. Benedict Y. Oh, Research Associate, Physics, at a salary of $12,300 per year on a 12-month basis, effective December 16, 1972 through December 15, 1973.

59. Donald L. Parker, Research Associate, Physics, at a salary of $10,000 per year on a 12-month basis, effective December 16, 1972 through December 15, 1973.

60. Sing-Hai Tang, Research Associate, Physics, at a salary of $10,000 per year on a 12-month basis, effective November 15, 1972 through September 30, 1973.

61. Lolo M. Panggabean, Research Associate, Cyclotron, at a salary of $600 per month on a 12-month basis, effective September 15, 1972 through December 31, 1972.

62. Wolfgang D. Bauer, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of $8,840 per year on a 12-month basis, effective December 1, 1972 through November 30, 1973.

63. Keith S. R. Chapman, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of $9,000 per year on a 12-month basis, effective January 1, 1973 through December 31, 1973.

64. Jouko Juhani Mikola, Research Associate, MSU/AEC Plant Research Laboratory, without pay, on a 12-month basis, effective February 1, 1973 through June 30, 1973.

65. Anthony J. Trewavas, Visiting Associate Professor, MSU/AEC Plant Research Laboratory, at a salary of $17,000 for the period January 1, 1973 through September 30, 1973.

66. Michael J. Brown, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

67. Grace M. Chaisson, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

68. Mary A. Collins, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

69. Bahman Dadgostar, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

70. Zoe A. Davis, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

71. Jean A. Frank, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

72. Robert C. Freears, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

73. James Hightower, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

74. John A. Jerome, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

75. Christine A. Minning, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

76. George D. Pommer, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

77. Shirley S. Quigley, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

78. Verne G. Schneckley, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.
A. PERSONNEL CHANGES, continued

Appointments, continued

79. Gilbert W. Schmidt, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

80. James R. Stueland, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

81. Margaret Zebs, Adjunct Instructor, Community Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through August 31, 1973.

82. Patrick A. Laughlin, Clinical Instructor, Family Medicine, variable time, without pay, on a 12-month basis, effective September 1, 1972 through June 30, 1973.


86. Vivian S. Hixson, Assistant Professor, Sociology, and Dean's Office, College of Social Science, at a salary of $6,240 for the period January 1, 1973 through June 30, 1973.


93. Harvey G. Purchase, Assistant Professor, Microbiology and Public Health, 5% time, at a salary of $1,200 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.

94. Martha A. Hahn, Librarian, Libraries, at a salary of $9,000 per year on a 12-month basis, effective November 1, 1972.

95. Tamara J. Miller, Librarian, Libraries, at a salary of $9,000 per year on a 12-month basis, effective November 1, 1972.

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

Tenure Recommendations

1. The following actions are recommended by the departmental chairmen and the deans in accordance with the tenure rules:

a. Associate Professors who have served their probationary terms and acquire tenure with the reappointment, effective September 1, 1973:

Timothy S. Chang
#Yash P. Kapur
Vernal D. Seefelt
Ray E. Helper
#Tai Akera
Herbert S. Fowler
George F. Bertash
+Peter J. Brockwell
Calvin Washington

Poultry Science
Audiology and Speech Sciences and Surgery
Health, Physical Education and Recreation
Human Development
Pharmacology
Psychiatry
Physics
Statistics and Probability
Community Medicine

# Non-citizen, has taken steps to become a U.S. citizen.
+ Non-citizen, has not declared intention of becoming a U.S. citizen; tenure will not be granted with this reappointment.
b. Assistant Professors who have served their probationary terms and acquire tenure with this reappointment, effective September 1, 1973:

<table>
<thead>
<tr>
<th>Name</th>
<th>Department/Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lawrence O. Copeland</td>
<td>Crop and Soil Sciences</td>
</tr>
<tr>
<td>Richard J. Aulerich</td>
<td>Poultry Science</td>
</tr>
<tr>
<td>Thomas H. Falk</td>
<td>German and Russian</td>
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<tr>
<td>*Seok C. Song</td>
<td>Linguistics and Oriental and African Languages</td>
</tr>
<tr>
<td>Leona S. Witter</td>
<td>Music</td>
</tr>
<tr>
<td>Bruce L. Miller</td>
<td>Philosophy</td>
</tr>
<tr>
<td>James Anderson</td>
<td>Elementary and Special Education</td>
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<tr>
<td>J. Yvonne Waskin</td>
<td>Elementary and Special Education</td>
</tr>
<tr>
<td>John V. Polomsky</td>
<td>Engineering Instructional Services</td>
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<tr>
<td>Mary Ellen Zabik</td>
<td>Food Science and Human Nutrition</td>
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<tr>
<td>Thomas R. Stoeckley</td>
<td>Astronomy</td>
</tr>
<tr>
<td>William G. Fields</td>
<td>Botany and Plant Pathology</td>
</tr>
<tr>
<td>J. Yvonne Waskin</td>
<td>Science and Mathematics Teaching Center</td>
</tr>
<tr>
<td>Phyllis F. Evans</td>
<td>Social Work</td>
</tr>
<tr>
<td>Bernard Finifter</td>
<td>Sociology</td>
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<tr>
<td>Maurice V. Hungiville</td>
<td>American Thought and Language</td>
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<tr>
<td>Delbert L. Whitmanack</td>
<td>Pathology</td>
</tr>
<tr>
<td>Gretchen L. Flo</td>
<td>Small Animal Surgery and Medicine</td>
</tr>
<tr>
<td>John R. Black</td>
<td>Agricultural Economics</td>
</tr>
<tr>
<td>Lawrence W. Libby</td>
<td>Agricultural Economics and Resource Development</td>
</tr>
<tr>
<td>Gail E. Updegraff</td>
<td>Agricultural Economics</td>
</tr>
<tr>
<td>Larry J. Segerlind</td>
<td>Agricultural Engineering</td>
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<tr>
<td>Robert H. Wilkinson</td>
<td>Agricultural Engineering</td>
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<tr>
<td>David R. Hawkins</td>
<td>Animal Husbandry</td>
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<tr>
<td>Jack E. Erick</td>
<td>Dairy Science</td>
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<tr>
<td>Norman A. Brown</td>
<td>Agriculture and Natural Resources (see items 1-2 Transfers)</td>
</tr>
<tr>
<td>Roger F. McFeters</td>
<td>Food Science and Human Nutrition</td>
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<tr>
<td>Manfred Thullen</td>
<td>Resource Development</td>
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<tr>
<td>William A. Johnson</td>
<td>English</td>
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<tr>
<td>Paul E. Munzenn</td>
<td>English Language Center and English</td>
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<tr>
<td>*Udo A. Mannich</td>
<td>German and Russian</td>
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<tr>
<td>Munir Sendich</td>
<td>History</td>
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<tr>
<td>Jan deVries</td>
<td>History</td>
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<tr>
<td>*Gordon T. Stewart</td>
<td>Music</td>
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<tr>
<td>Dave Catron</td>
<td>Music</td>
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<tr>
<td>Myron D. Colber</td>
<td>Philosophy</td>
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<tr>
<td>*Julian A. Gervasi</td>
<td>Romance Languages</td>
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<tr>
<td>Michael S. Koppisch</td>
<td>Romance Languages</td>
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<tr>
<td>Carolyn Matzke</td>
<td>Romance Languages</td>
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<tr>
<td>William B. Tyrell</td>
<td>Theatre</td>
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<td>Clarence Bahs</td>
<td>Theatre</td>
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<td>Robert D. Klassen</td>
<td>Theatre</td>
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<tr>
<td>Peter W. Landry</td>
<td>Theatre</td>
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<tr>
<td>Gretel G. Stenersrud</td>
<td>Theatre</td>
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<tr>
<td>James C. Lampe</td>
<td>Accounting and Financial Administration</td>
</tr>
<tr>
<td>Mitchell Stengel</td>
<td>Economics and Center for Urban Affairs</td>
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<tr>
<td>Phillip L. Carter</td>
<td>Management</td>
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<tr>
<td>Phillip Cusick</td>
<td>Administration and Higher Education</td>
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<tr>
<td>Frederick Ignatovich</td>
<td>Administration and Higher Education</td>
</tr>
<tr>
<td>Walter G. Rapkiewicz</td>
<td>Counseling, Personnel Services, and Educational Psychology</td>
</tr>
<tr>
<td>Bill L. Bowman</td>
<td>Elementary and Special Education</td>
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<tr>
<td>William L. Cole</td>
<td>Elementary and Special Education</td>
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<tr>
<td>Jeralyn J. Plack</td>
<td>Health, Physical Education and Recreation</td>
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<tr>
<td>Banks T. Bradley</td>
<td>Teacher Education</td>
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<tr>
<td>Frank J. Hatfield</td>
<td>Civil and Sanitary Engineering</td>
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<tr>
<td>Leonard H. Weiner</td>
<td>Computer Science and Computer Laboratory</td>
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<tr>
<td>Marvin Siegel</td>
<td>Electrical Engineering and Systems Science</td>
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<tr>
<td>Frederick T. Pink</td>
<td>Engineering Instructional Services</td>
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<tr>
<td>Ronald L. Kerber</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Richard W. Zeren</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Richard L. Graham</td>
<td>Human Environment and Design</td>
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<tr>
<td>Holly L. Schrank</td>
<td>Human Environment and Design</td>
</tr>
</tbody>
</table>

* Non-citizen, has taken steps to become a U.S. citizen.
+ Non-citizen, has not declared intention of becoming a U.S. citizen.
A. PERSONNEL CHANGES, continued

Tenure Recommendations, continued

November 17, 1972

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<table>
<thead>
<tr>
<th>Tenure Recommendations</th>
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<tbody>
<tr>
<td>c. Second probationary appointment as Assistant Professor for three years from September 1, 1973: (continued)</td>
</tr>
<tr>
<td>Michael D. Bailie</td>
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<tr>
<td>Ronald D. Jordan</td>
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<tr>
<td>John M. Schneider</td>
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<td>and Psychiatry</td>
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<tr>
<td>Roger K. Ferguson</td>
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<td>Joan C. Mattson</td>
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<tr>
<td>Harold W. Drane</td>
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<tr>
<td>Lionel W. Rosen</td>
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<td>Elliot K. Wicks</td>
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<tr>
<td>Betty P. Dickinson</td>
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<tr>
<td>John P. Reid</td>
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<tr>
<td>Diana E. Scholberg</td>
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<tr>
<td>Keith A. Williams</td>
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<tr>
<td>Robert E. Snow</td>
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<tr>
<td>Peter C. Murphy</td>
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<tr>
<td>Kenneth D. Nadler</td>
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<tr>
<td>Frederick M. Bernthal</td>
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<tr>
<td>*Ahsan U. Khan</td>
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<td>+Gordon A. Nelson</td>
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<tr>
<td>Donald C. Cress</td>
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<td>Brian A. Croft</td>
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<td>Robert L. Anatey</td>
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<td>Charles W. Spooner</td>
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<td>William C. Brown</td>
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<td>Joel H. Shapiro</td>
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<td>Robert L. Offen</td>
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<td>William P. Pratt</td>
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<td>Ron Pumplin</td>
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<td>Wayne W. Repko</td>
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<tr>
<td>Martin T. Betherington</td>
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<td>Gary K. Higgins</td>
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<td>Gary A. Hanson</td>
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<td>Robert L. Wittick</td>
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<td>Frank L. Schmidt</td>
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<td>Paul J. Ferlazzo</td>
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<tr>
<td>Erik S. Lunde</td>
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<tr>
<td>Blaine E. McKinley</td>
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<tr>
<td>Jerry L. Mattson</td>
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<tr>
<td>Charles G. Eberly</td>
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<tr>
<td>Judson I. Mather, Jr.</td>
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<tr>
<td>Samuel J. Thomas</td>
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<td>Philip R. Smith</td>
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<tr>
<td>Mary M. Zaenglein</td>
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<tr>
<td>Donald R. Adams</td>
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<td>William B. Douglas</td>
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<td>Robert A. Brooks</td>
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<tr>
<td>Thomas R. Corner</td>
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<td>Joseph J. Kowalski</td>
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<td>Loren Snyder</td>
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<tr>
<td>Albert W. Dade</td>
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<tr>
<td>*Thomas Tobin</td>
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<tr>
<td>Thomas G. Bahr</td>
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<tr>
<td>J. Gordon Williams</td>
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<tr>
<td>d. Third probationary appointment as Instructor for a period of three years from September 1, 1973:</td>
</tr>
<tr>
<td>Stanley E. Woell</td>
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<tr>
<td>Ellen J. Cochran</td>
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<tr>
<td>Irene Reisler</td>
</tr>
<tr>
<td>Anthony Garcia</td>
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<tr>
<td>Stanley I. Soffin</td>
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<tr>
<td>Ralph E. Dyson</td>
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<td>Alice L. Whiren</td>
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<tr>
<td>Ann C. Slocomb</td>
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<tr>
<td>John E. Payney</td>
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<tr>
<td>M. Richard Zimnan</td>
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<tr>
<td>Suzanne Brouse</td>
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<tr>
<td>Ruth Lincoln</td>
</tr>
<tr>
<td>Brigidanne Warren</td>
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<tr>
<td>Michael J. Steinberg</td>
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<tr>
<td>Bruce M. McCrone</td>
</tr>
</tbody>
</table>

* Non-citizen, has taken steps to become a U.S. citizen.  
+ Non-citizen, has not declared intention of becoming a U.S. citizen.
A. PERSONNEL CHANGES, continued

Tenure Recommendations, continued

November 17, 1972.

d. Third probationary appointment as Instructor for a period of three years from September 1, 1973: (continued)

- David H. Katz: Social Science
- Louis E. Newman: Large Animal Surgery and Medicine
- David P. Olson: Large Animal Surgery and Medicine
- Martha T. Thomas: Pathology

e. Second probationary appointment as Instructor for a period of two years from September 1, 1973:

- Ronald W. Hodgson: Park and Recreation Resources
- Lorraine T. Furtado: Secondary Education and Curriculum
- Stephen R. Matt: Secondary Education and Curriculum
- Jeannie Z. Brown: Family and Child Sciences
- Joanne M. Thuerber: Human Environment and Design
- Neil H. Cullen: Justin Morrill College
- David E. Wright: Lyman Briggs College
- Sharon Dimmer: Nursing
- Karen E. Galloway: Nursing
- Norma Jackson: Nursing
- David E. Stephenson: Geography
- Ronald J. Peters: Labor and Industrial Relations
- James J. Zichowski: Sociology
- Sara G. Gorman: American Thought and Language
- James E. Seaton: Humanities
- Lawrence C. Besaw: Natural Science
- Joseph A. Cameron: Natural Science
- Benny Cathey: Natural Science
- Dallas O. Coble: Large Animal Surgery and Medicine
- Gary L. Blanchard: Small Animal Surgery and Medicine
- Arthur T. Evans: Small Animal Surgery and Medicine
- Ralph W. McGonney: Small Animal Surgery and Medicine
- Manuel R. Alfaro: Center for Urban Affairs
- Senga K. Knupp: Intramural Sports and Recreation Services

f. Promote to Assistant Professor effective September 1, 1973:

- Jean G. Nicholas: Romance Languages
- Barbara Ferrar: Family Ecology
- Margaret A. Boschetti: Human Environment and Design
- Jane Ann Barkau: American Thought and Language

g. The following deviations from the tenure rules are recommended:

(1) One year extension of current appointment from September 1, 1973 to August 31, 1974:

- Donald A. Dunbar: Horticulture
- Wallace Sue: German and Russian
- James W. Fleming: Elementary and Special Education
- George B. Sherman: Elementary and Special Education
- Anne E. Field: Family Ecology
- John Houldsworth: American Thought and Language

Motion was made by Trustee Carrigan, seconded by Trustee Huff to approve the Tenure Recommendations. Unanimously carried. Trustee Huff asked that the Trustees be provided with a list of faculty members who are not being reappointed.

Recommendations from the Director of Personnel

1. Establish a Senior Clerk Stenographer V position for Family Living, Cooperative Extension Service.
2. Establish a Senior Clerk Stenographer V position for the Department of Resource Development.
3. Establish an Administrative Assistant AP-V position for the Office of the Dean, College of Business and Graduate School of Business Administration.
4. For the College of Education:
   a. Reclassify 2 Senior Departmental Secretary VII to Executive Secretary VIII positions
   b. Reclassify a Senior Clerk IV to a Departmental Secretary V position
   c. Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position.
5. Transfer a Senior Research Aide from the labor payroll to the salary payroll and reclassify to a Natural Science Technician IX position for the Kellogg Biological Station.
6. Transfer a Receptionist-Clerk I position from the Pontiac site to East Lansing and reclassify to a Departmental Secretary V position for the Office of the Dean, College of Osteopathic Medicine.
A. PERSONNEL CHANGES, continued

Recommendations from the Director of Personnel, continued

November 17, 1972

7. For the Office of the Dean, College of Veterinary Medicine:
   a. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position.
   b. Reclassify a Senior Clerk Stenographer V to a Principal Clerk VI position.

8. Reclassify a Senior Clerk Stenographer V to an Office Assistant VII position for
   the Department of Microbiology and Public Health.

9. Change a Senior Departmental Secretary VII from one-half to three-fifths time for
   the Canadian-American Studies Programs, International Programs.

10. Establish an Administrative Assistant AP-IV position for the Office of the Provost.

11. Establish a Senior Clerk Stenographer V position for TV Broadcasting.

12. Reclassify an Office Assistant from a VII to an VIII position for the Personnel Office.

13. Reclassify an Accounting Clerk III to an Office Assistant VII position for Research
    and Contract Administration, Vice President for Business and Finance.

14. Establish an Executive Secretary VIII position for the Health Care Authority, Vice
    President for Student Affairs.

15. Reclassify an Associate News Editor V to an Editor-News Bulletin VII position for
    Information Services.

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

Retirements

1. One-year consultantship with agreed-upon duties and responsibilities for Louis A.
   Doyle, Professor, Administration and Higher Education, and Associate Director,
   Continuing Education Service, from July 1, 1973 to June 30, 1974, and retirement
   as Professor Emeritus effective July 1, 1974. The basic retirement salary will be
   $2,112 a year. Professor Doyle was born December 24, 1910 and has been a member
   of the faculty since August 1, 1954.

2. Retirement of Mary Fortino, Cook, Union Food Service, effective January 1, 1973 at a
   basic retirement salary of $3,600 a year. Mrs. Fortino was born December 12, 1907
   and has been employed by the University since November 6, 1950.

3. One-year consultantship with agreed-upon duties and responsibilities for Stuart A.
   Gallacher, Professor, Department of German and Russian, from July 1, 1973 to
   June 30, 1974, and retirement as Professor Emeritus effective July 1, 1974. The
   basic retirement salary will be $3,600 a year. Professor Gallacher was born
   March 21, 1906 and has been a member of the faculty since September 1, 1940.

4. Retirement under TIAA-CREF only of W. A. Goldberg as Professor Emeritus, School of
   Criminal Justice, effective July 1, 1973. Professor Goldberg was born September 12,
   1902 and has been a member of the faculty since September 1, 1967.

5. One-year consultantship with agreed-upon duties and responsibilities for John B.
   Harrison, Professor, Department of History, from July 1, 1973 to June 30, 1974,
   and retirement as Professor Emeritus effective July 1, 1974. The basic retirement
   salary will be $3,600 a year. Professor Harrison was born July 3, 1907 and has been
   a member of the faculty since November 20, 1944.

6. One-year consultantship with agreed-upon duties and responsibilities for Ralph C.
   Henricksen, Professor, Department of Art, from July 1, 1973 to June 30, 1974, and
   retirement as Professor Emeritus effective July 1, 1974. The basic retirement
   salary will be $3,600 a year. Professor Henricksen was born June 22, 1907 and has
   been a member of the faculty since September 1, 1946.

7. One-year terminal leave for Rosalind B. Mentzer, Professor and Assistant Dean,
   College of Human Ecology, from September 1, 1973 to August 31, 1974, and retirement
   as Professor and Assistant Dean Emeritus effective September 1, 1974. The basic
   retirement salary will be $3,600 a year. Professor Mentzer was born July 20, 1908
   and has been a member of the faculty since September 1, 1948.

8. One-year terminal leave for Charles C. Morrill, Professor and Chairman, Department
   of Pathology, from July 1, 1973 to June 30, 1974, and retirement as Professor and
   Chairman Emeritus effective July 1, 1974. The basic retirement salary will be
   $3,600 a year. Professor Morrill was born November 20, 1907 and has been a member
   of the faculty since July 1, 1955.

9. One-year terminal leave for Keith B. Odle, Associate Professor and Director of
   Overseas Study, Continuing Education Service, from July 1, 1973 to June 30, 1974, and
   retirement as Associate Professor Emeritus effective July 1, 1974. The basic
   retirement salary will be $3,600 a year. Professor Odle was born August 7, 1907
   and has been a member of the faculty since February 1, 1949.

10. Retirement of Estella R. Porter, Clerk, Office of the Registrar, effective January 1,
    1973 at a basic retirement salary of $2,523 a year. Mrs. Porter was born December 15,
    1907 and has been employed by the University since December 24, 1936.
A. PERSONNEL CHANGES, continued

Retirements, continued

November 17, 1972

Retirements

Karl L. Schulze

11. Retirement of Karl L. Schulze as Associate Professor Emeritus, Department of Civil and Sanitary Engineering, effective July 1, 1973 at a basic retirement salary of $3,600 a year. Professor Schulze was born February 28, 1911 and has been a member of the faculty since June 1, 1955.

Arthur W. Sirianni

12. One-year consultancyship with agreed-upon duties and responsibilities for Arthur W. Sirianni, Associate Professor, Department of Romance Languages, from July 1, 1973 to June 30, 1974, and retirement as Associate Professor Emeritus effective July 1, 1974. The basic retirement salary will be $3,600 a year. Professor Sirianni was born September 3, 1908 and has been a member of the faculty since September 1, 1947.

Stephen G. Stevens

13. One-year consultancyship with agreed-upon duties and responsibilities for Stephen G. Stevens, Assistant Professor, Department of Engineering Instructional Services, from July 1, 1973 to June 30, 1974, and retirement as Assistant Professor Emeritus effective July 1, 1974. The basic retirement salary will be $711 a year. Professor Stevens was born December 25, 1903 and has been a member of the faculty since September 1, 1955.

Lowell Treaster

14. One-year terminal leave for W. Lowell Treaster, Professor and Director, Information Services, from July 1, 1973 to June 30, 1974, and retirement as Professor and Director Emeritus effective July 1, 1974. The basic retirement salary will be $3,600 a year. Professor Treaster was born September 17, 1907 and has been a member of the faculty since August 1, 1944.

Violet M. Smith

15. Disability retirement for Violet M. Smith, Kitchen Sanitation Technician, Mason-Abbot Halls, effective as of July 1, 1972 at a basic retirement salary of $2,415 a year. Mrs. Smith was born June 12, 1915 and has been employed by the University since September 19, 1949.

On motion by Trustee Merriman, seconded by Trustee Thompson, it was unanimously voted to approve the retirements.

B. GIFTS AND GRANTS

1. Gift of 1 antique Chinese porcelain male lion and 1 antique Chinese porcelain lioness with a total value of $7,250 from Mr. Neil Sellin, New York, to be added to the Permanent Collection in the Kresge Art Center.

2. Gift of an 8" diameter reflecting telescope built by the donor and valued at $400 from Mr. Paul Gillette, Eaton Rapids, to be used under the direction of Albert P. Linwell in the Department of Astronomy.

3. Gift of 4 cadaver coolers valued at $13,250 and 6 cadaver tables valued at $1,290 from the Michigan College of Osteopathic Medicine, Pontiac, to be used in the Department of Anatomy.

4. Gift of a portable Hudson oxygen unit valued at $112 from Daniel W. Litwhiler, East Lansing, to be used in Olin Health Center.

5. Grants to be used for scholarship purposes as follows:
   a. $1,600 from The General Foods Fund, Inc., White Plains, New York, for 4 freshman scholarships for students entering the College of Agriculture and Natural Resources.
   b. $500 from The Andersons, Maumee, Ohio: $250 to be deposited in the Elevator Scholarship account and $250 to be deposited in the Landscape and Nursery Scholarship account, recipients to be selected by the Institute of Agricultural Technology.
   c. $200 from the Farm Bureau, Battle Creek, and Hastings, for a recipient to be selected by the Institute of Agricultural Technology.
   d. $2,000 from Frances A. Horwich, Chicago, for students in the School of Hotel, Restaurant, and Institutional Management.
   e. $24,000 from the Department of Health, Education, and Welfare, to provide scholarship assistance in the School of Nursing.
   f. $1,200 from the Oakland County Osteopathic Auxilliary, Royal Oak, to provide scholarship assistance to Oakland County sophomore students in the College of Osteopathic Medicine.
   g. $64,883 from the U.S. Department of Justice, Washington, D.C., to be used for grants and loans for students in the School of Criminal Justice or related fields.
   h. From Walter Adams, East Lansing: $90 for the Martin Luther King Scholarship Fund
   i. $60 for the Mexican-American Scholarship Fund
   j. $23,030 from the General Motors Corporation, Detroit, to be used for payments under the GM scholarship program for 1972-73.
   k. $1,200 from the Oakland County Osteopathic Auxiliary, Royal Oak, to provide scholarship assistance to Oakland County sophomore students in the College of Osteopathic Medicine.
   l. $166.67 from The Maytag Company Foundation, Inc., Newton, Iowa, as an unrestricted grant.
   m. $104.78 from the U.S. Department of Justice, Washington, D.C., to be used for grants and loans for students in the School of Criminal Justice or related fields.
   n. From Walter Adams, East Lansing: $90 for the Martin Luther King Scholarship Fund
   o. $60 for the Mexican-American Scholarship Fund
   p. $100 from the Greater Detroit Chrysanthemum Society, East Detroit, for scholarship assistance for a student in Horticulture.
   q. $7,267.15 from the Michigan College of Osteopathic Medicine, Pontiac, to be used in the Department of Anatomy.
   r. $100 from the Greater Detroit Chrysanthemum Society, East Detroit, for scholarship assistance for a student in Horticulture.
   s. $7,267.15 from the Michigan College of Osteopathic Medicine, Pontiac, to be used in the Department of Anatomy.
   t. $100 from the Greater Detroit Chrysanthemum Society, East Detroit, for scholarship assistance for a student in Horticulture.
   u. $7,267.15 from the Michigan College of Osteopathic Medicine, Pontiac, to be used in the Department of Anatomy.
6. Grant of $46,820 from Benton Harbor-Benton Township Model Cities, Benton Harbor, to be used under the direction of G. S. McIntyre in the Cooperative Extension Service to strengthen the basic family units within the Model neighborhood for the low income families.

7. Grant of $2,300 from the County of Saginaw, Commissioners, Saginaw, to be used under the direction of George S. McIntyre, Cooperative Extension Service, to service low socio-economic families and 4-H Youth in Saginaw County.

8. Grant of $500 from the Lake Tool and Gauge Co., Spring Lake, to be used under the direction of G. E. Morva in Agricultural Engineering, to model, using digital computers, the thermal characteristics of soil surrounding tile lines in which the outlet may be submerged during certain periods of the year.

9. Grant of $1,000 from Mark Products, Inc., Houston, Texas, to be used under the direction of C. M. Hansen in Agricultural Engineering to develop a high speed cherry pitter engineering concept.

10. Grant of $154,46 from the Michigan Blueberry Growers Association, Grand Junction, to be used under the direction of C. M. Hansen in Agricultural Engineering to improve blueberry handling techniques from the mechanical harvester to the processor.

11. Grant of $35,156 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Allan J. Morris in Biochemistry for research in protein and nucleotide metabolism in erythroid cells.

12. Grant of $26,981 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of William C. Deal, Jr. in Biochemistry for research in cancer and the control of glycolysis.

13. Grant of $55,000 from the National Science Foundation, Washington, D.C. to be used under the direction of Clarence Suelter and J. L. Dye in Biochemistry for research in the aspects of enzyme catalysis -- structural and functional relationships of monovalent cation activated enzymes.

14. Grant of $2,100 from the Michigan Dairy Memorial and Scholarship Foundation, Inc., Lansing, to be used under the direction of C. A. Lassiter in Dairy Science to support scholarships for undergraduate students.

15. Grant of $1,000 from Biosearch, Inc., Philadelphia, Pennsylvania, to be used under the direction of J. R. Brunner in Food Science and Human Nutrition to develop techniques for identifying amino acids and peptide components in enzymatic hydrolysates.

16. Grant of $17,655 from the Dow Chemical Co., Midland, to be used under the direction of J. R. Kirk in Food Science and Human Nutrition to evaluate vitamin stability in fluid dairy products as influenced by exposure to natural and artificial light, type of container, storage temperature encountered during typical distribution and duration of storage.

17. Grant of $3,500 from Mead Johnson Research Center, Evansville, Indiana, to be used under the direction of Gilbert A. Leveille in Food Science and Human Nutrition to provide a half-time assistantship in nutritional biochemistry - 1972-73.

18. Grant of $25,731 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Gilbert A. Leveille in Food Science and Human Nutrition to develop an understanding of the interrelationship between nutrition and lipid metabolism in various species.

19. Grant of $1,000 from the U.S. Public Health Service - National Institutes of Health, Bethesda, Maryland, to be used under the direction of Gilbert A. Leveille in Food Science and Human Nutrition to provide research support for individual receiving a NIH fellowship.

20. Grant of $1,980.90 from the Crookham Company, Caldwell, Idaho, to be used under the direction of E. R. Baker in Horticulture to support on-going research to develop high quality hybrids adapted for production in Michigan.

21. Grant of $1,000 from the Dwarf Fruit Tree Association, Hartford, to be used under the direction of R. F. Carlson in Horticulture in education and dissemination of research results pertaining to scion/rootstock relationship of fruit trees.

22. Grant of $2,500 from The Joseph H. Hill Memorial Foundation, Inc., Haslett, to support continuing investigations of cytotoxicological changes occurring in rose stems during the cut flower life, under the direction of W. Carpenter in Horticulture.

23. Grant of $5,000 from the Michigan Association of Cherry Producers, East Lansing to be used under the direction of John Carew in support of continuing research on the effects of cultural practices, weather conditions, and physical and chemical properties on the quality of processed red tart cherries, Department of Horticulture.

24. Grant of $1,000 from the Michigan Wine Institute, Lansing, to be used under the direction of Gordon S. Howell, Jr. in Horticulture to evaluate new wine grape cultivars for productivity, economics of production, and quality.
25. Grant of $1,000 from Mikkelaens Inc., Ashtabula, Ohio, to be used under the direction of K. C. Sink in Horticulture to support on-going research on direct rooting - propagation of poinsettia.

26. Grant of $1,000 from the Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of L. R. Baker in Horticulture to support on-going research on cucumber breeding.

27. Grant of $500 from Wholesale Florist and Florist Suppliers of America, Inc., Alexandria, Virginia, to be used under the direction of William Carpenter in Horticulture to support on-going study of "Cost of Doing Business" for wholesale florists.

28. Grant of $5,000 from Lansmont Corporation, Monterey, California, to be used under the direction of James Goff in Packaging to continue basic research on the control of damage in distribution.

29. Grant of $3,000 from Sinclair-Koppers Co., Monaca, Pennsylvania, to be used under the direction of James W. Goff in Packaging to continue basic research in the control of damage in distribution.

30. Grant of $545.06 from the Senate Conservation and Tourism Committee, State of Michigan, Lansing, to be used under the direction of Lewis Moncrief in Park and Recreation Resources to prepare reports of state's natural resource organizations from previous survey.

31. Grant of $8,222 from the Waterways Division, Michigan Department of Natural Resources, to be used under the direction of Ronald W. Hodgson, Park and Recreation Resources, to prepare proposals for an input-output economic impact study and to begin data collection.

32. Grant of $2,960 from Parke Davis, Detroit, to be used under the direction of Donald Polin in Poultry Science, to study drug levels in tissues of broiler-type chicken.

33. Grant of $15,000 from the Wildlife Division of the State Department of Natural Resources to be used under the direction of H. C. Zindel in Poultry Science for continuation of development of a quality breeder flock for special "Put-Take" pheasant program.

34. Grant of $100 from Farm Bureau Services, Inc., Lansing, to be used under the direction of James L. Gibson in the Institute of Agricultural Technology to subsidize the Agricultural Technology Judging Team's trip to Toronto for the Royal Winter Fair.

35. Grant of $146,351.81 from the University of Wisconsin on behalf of the Midwest Universities Consortium for International Activities, Inc., Madison, Wisconsin to further support MSU's contribution to the Indonesian higher agricultural education project in institution building focusing on curriculum and faculty development, research and public service, under the direction of I. R. Wyeth in Institute of International Agriculture.

36. Grant of $150 from audience members of the Lecture-Concert Series, East Lansing, to be used under the direction of R. E. Sullivan in the College of Arts and Letters as donations to the building fund for a performing arts center.

37. Grant of $125 from Robert and Carol May, Seattle Washington, to be used under the direction of Gardner M. Jones in Accounting and Financial Administration for faculty development.

38. Grant of $1,000 from the Oldsmobile Division, General Motors Corporation, to be used under the direction of Donald A. Taylor in Marketing and Transportation Administration to support the development of the MSU marketing program and faculty.

39. Grant of $500 from Allied Telephone Co., Little Rock, Arkansas, to be used under the direction of Dole A. Anderson, Institute of Public Utilities, to support the activities of the Institute.

40. Grant of $500 from Telephone Utilities of Pennsylvania, Inc., Export, Pennsylvania, to be used under the direction of Dole A. Anderson, Institute of Public Utilities, to support the activities of the Institute.

41. Grant of $750 from the Winter Park Telephone Co., Winter Park, Florida, to be used under the direction of Dole A. Anderson, Institute of Public Utilities, to support the activities of the Institute.

42. Grant of $115,308 from the Office of Education - Bureau of Education of the Handicapped, Washington, D.C. to be used under the direction of Herbert J. Oyer in the College of Communication Arts for a study of programmed language learning of hearing impaired children under two sensory modes of presentation and varied reinforcement procedures.

43. Grant of $47,289 from Social and Rehabilitation Service, Department of Health, Education and Welfare, Washington, D. C. to be used under the direction of Leo V. Deal in Audiology and Speech Sciences as a teaching grant and traineeships in speech pathology and audiology.
44. Grant of $3,000 from the Coopersville School District, Coopersville, to be used under the direction of A. J. Kloster in Administration and Higher Education to (a) evaluate and modify organization and administrative structure; (b) evaluate and modify custodial services systems; (c) evaluate and modify maintenance systems and procedures.

45. Grant of $132.49 from the Ingham Intermediate School District, Mason, to be used under the direction of James Keller in Elementary and Special Education for a survey of classrooms for emotionally disturbed children.

46. Grant of $5,500 from the Michigan Department of Education, Lansing, to be used under the direction of Rex Ray in Secondary Education and Curriculum for tuition and departmental support for four Michigan EPDA fellows.

47. Grant of $25,016 from the U.S. Office of Education, Washington, D.C. to be used under the direction of J. Bruce Burke in the Humanities Teaching Institute for producing competency-based teacher training materials.

48. Grant of $168,068 from the Agency for International Development, Washington, D.C. to be used under the direction of Harry L. Case in the Humanities Teaching Institute for producing competency-based teacher training materials.

49. Grant of $3,455.05 from the Edward W. Hazen Foundation, New Haven, Connecticut, to be used under the direction of John and Ruth Usem in the Institute for International Studies in Education and Sociology to complete a comparative study of the social roles of men of knowledge in India, Indonesia and the Philippines.

50. Grant of $293,007 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of William W. Wells in Biochemistry for research on energy relationships in inborn errors of metabolism.

51. Grant of $12,675 from the CIBA-GEIGY Pharmaceutical Corporation to be used under the direction of Roger K. Ferguson in the Department of Medicine to compare the relative benefit risk ratio of Reserpine and Guanethidine in Thiazide treated patients.

52. Grant of $284 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Scott N. Swisher in the Department of Medicine as an unrestricted grant.

53. Grant of $36,735 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Gerard L. Gebber in the Department of Pharmacology for research in central neural control of cardiovascular function.
62. Grant of $33,882 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Kenneth E. Moore in Pharmacology for research in catecholamines as central nervous transmitters.

63. Grant of $42,482 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of C. C. Chou for research in mechanisms of hemodynamic changes during digestion.

64. Grant of $18,145 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Thomas E. Emerson, Jr. in Physiology for research in the role of cerebral circulation and CNS in shock.

65. Grant of $6,525 from the University of Chicago, Chicago, Illinois, to be used under the direction of Cyril Worby and Horacio Fabrega in Psychiatry for research support.

66. Grant of $9,000 from the Genesee County Health Department to be used under the direction of Robert Lewis in the Office of Health Services Education and Research to collaborate in development of applied methods for interpretation and presentation of health survey results for health planning purposes as these relate to the special requirements in Flint and Genesee County.

67. Grant of $37,045 from the Michigan Association for Regional Medical Programs to be used under the direction of Sidney Katz in the Office of Health Services Education and Research for development of a rural primary health care center in Cass County with emphasis on organizational development, service program development, health manpower training, and development of a management and evaluation information system.

68. Grant of $18,500 from the National Science Foundation, Washington, D.C. to be used under the direction of Herbert J. Rood in Astronomy to support research in dynamics of galaxies.

69. Grant of $57,585 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of H. Tien in Biophysics for research in bimolecular lipid membranes.

70. Grant of $7,400 from the National Science Foundation to be used under the direction of Edward Eisenstein in Biophysics for encoding of learning in arthropod ganglia.

71. Grant of $3,000 from the American Cyanamid Company, Princeton, New Jersey, to be used under the direction of E. J. Klos in Botany and Plant Pathology to do research with Copper Dioxide in controlling deciduous fruit diseases, with emphasis on tolerance of the apple scab fungus to dodecyl guanidine acetate.

72. Grant of $1,000 from the American Cyanamid Company, Princeton, New Jersey, to be used under the direction of Alan L. Jones in Botany and Plant Pathology to conduct field studies on the performance of dodine fungicide for the control of apple and cherry diseases.

73. Grant of $500 from the Chevron Chemical Co., San Francisco, California, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study the fungicidal activity of N-(1,2,2 tetrachloroethylthio)-4-cyclohexene - 1, 2 dicarbamoxide against Ventura inequalis (apple scab) and Coccomyces hiliaris (leaf spot).

74. Grant of $520 from the W. A. Cleary Corporation, New Brunswick, New Jersey, to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to evaluate the fungicide Cleary's 3336 and Bromosan against turfgrass diseases.

75. Grant of $520 from the Colloidal Products Corporation, Petaluma, California, to be used under the direction of H. S. Potter in Botany and Plant Pathology to study the extending activity of new adjuvants when used with fungicides.

76. Grant of $520 from E. I. du Pont de Nemours & Co., Wilmington, Delaware, to be used under the direction of Donald C. Ramsdell in Botany and Plant Pathology to help pay for supplemental labor costs incurred in fungicide field tests with benomyl.

77. Grant of $1,000 from the Kennecott Copper Corporation, Houston, Texas, to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate fungitoxicity of copper hydroxide formulations on vegetable and field crops.

78. Grant of $400 from Merck & Co., Inc., Rahway, New Jersey, to be used under the direction of Donald C. Ramsdell in Botany and Plant Pathology to defray costs incurred in the testing of new candidate fungicides including Thiobendazole in strawberries.

79. Grant of $90,469 from the National Aeronautics and Space Administration, Washington, D.C. to be used under the direction of Axel L. Andersen in Botany and Plant Pathology to investigate the potential application of Earth Resources Technology Satellite remote sensing data to the identification and evaluation of agricultural crops, forests, wetlands, soils, soil conditions, and glacial landforms.

80. Grant of $31,200 from the National Science Foundation, Washington, D.C. to be used under the direction of Henry Imshaug in Botany and Plant Pathology for a survey of terrestrial cryptogams of the subantarctic, including an analysis of morphological variation and sociological and biogeographical relationships.
81. Grant of $1,000 from the Diamond Shamrock Corporation, Painesville, Ohio, to be used under the direction of Angus Howitt in Entomology for evaluation of experimental miticides.

82. Grant of $3,500 from the Gulf Research and Development Co., Merriam, Kansas, to be used under the direction of Angus Howitt in Entomology for evaluation of insecticide/miticide on fruit.

83. Grant of $1,000 from the Thompson-Hayward Chemical Co., Kansas City, Kansas, to be used under the direction of Angus Howitt in Entomology for evaluation of pesticide.

84. Grant of $15,233 from the Lansing School District, Lansing, to be used under the direction of W. Fitzgerald in Mathematics for USMES Lansing Implementation Project, ORD 12061.

85. Grant of $14,470 from the National Academy of Sciences-National Research Council to be used under the direction of William H. Kelly in Physics for nuclear data compilation.

86. Grant of $65,800 from the National Science Foundation, Washington, D.C. to be used under the direction of Hugh McManus in Physics to investigate scattering problems and the theory of nuclear structure.

87. Grant of $45,500 from the National Science Foundation, Washington, D.C. to be used under the direction of Peter Signell in Physics for research in the nucleon-nucleon interaction.

88. Grant of $7,500 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Gerald F. Fawerman in the Dean's Office, College of Osteopathic Medicine for the College of Osteopathic Medicine Applicant Information Service.

89. Grant of $8,139 from the National Science Foundation, Washington, D.C. to be used under the direction of Leonard A. Cohen in the Dean's Office, College of Osteopathic Medicine, for regulatory biology.

90. Grant of $668 from Otto W. Graesser, Lansing, to be used under the direction of Robert Ward in Family Medicine as an unrestricted grant.

91. Grant of $29,977 from the Department of the Navy, Arlington, Virginia, to be used under the direction of Rodney T. Houlihan in Osteopathic Medicine for research in the effects of oxygen at high pressures on catecholamine metabolism.

92. Grant of $10,000 from the American Osteopathic Association, Chicago, Illinois to be used under the direction of Sheldon Stolman in Pharmacology for research in the relationship of RNase Activity to Neuromuscular disease.

93. Grant of $9,496 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Mark E. Rilling in Psychology for research in aversive properties of discriminative stimuli.

94. Grant of $45,000 from the National Science Foundation, Chevy Chase, Maryland, to be used under the direction of James Zacks in Psychology for studies of visual adaptation.

95. Grant of $315.99 from Louis A. Radelet, East Lansing, to be used under the direction of A. F. Brandstatter in the School of Criminal Justice to support police-community relations research efforts.

96. Grant of $500 from C. M. McCarthy, Harper Woods, to be used under the direction of W. W. Armstead in the College of Veterinary Medicine to provide emergency financial aid to veterinary medicine students.

97. Grant of $250 from the Women's Auxiliary to the Michigan Veterinary Medicine Association to be used under the direction of C. F. Reed in the College of Veterinary Medicine to purchase a book entitled "Diseases of Cage and Aviary Birds" in memory of Dr. Hollis Clark, Sr.

98. Grant of $21,743 from the National Institutes of Health, Washington, D.C. to be used under the direction of Clifford W. Welsh in Anatomy for research in the potential of ergot alkaloids in control of breast cancer.

99. Grant of $44,984 from the Department of the Army, Washington, D.C. to be used under the direction of Donald W. Teichy in Microbiology and Public Health to study the nature of immunity to leishmaniasis.

100. Grant of $30,650 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. D. Oxender in Large Animal Surgery and Medicine to study fetal hypophyseal-gonadal relationships.
Gifts and Grants

101. Grant of $571 from Parke, Davis and Co., Detroit, to be used under the direction of G. H. Conner in Large Animal Surgery and Medicine as supplemental support for Protocol V863-170 drug excretion study in the equine.

102. Grant of $1,000 from the Mead Johnson Research Center, Evansville, Indiana, to be used under the direction of Joseph Meites in Physiology for unrestricted use in research on the interactions of selected drugs and hormones on mammary tumors.

103. Grant of $1,601.65 from the Council on Library Resources, Inc., Washington, D.C. to be used under the direction of Frank C. MacDougall in Continuing Education to publish a directory of University Extension library services at NUEA and NASULGC member institutions.

104. Grant of $24,570 from the Department of the Air Force, San Francisco, California, to be used under the direction of Sheldon Chernen in Continuing Education, Office of International Extension for three workshops to be offered in Japan and Okinawa.

105. Grant of $12,000 from The Rockefeller Foundation, New York, New York, as an unrestricted grant to be used under the direction of Dr. Clifton R. Wharton, Jr. in the President's Office.

106. Grant of $40 from Mrs. Evelyn Machtel, Lansing to be used under the direction of Homer Bigbee in International Studies and Programs as a tuition grant for Amerita Vasquez.

107. Grant of $73,700 from the Michigan Office of Criminal Justice Programs, Lansing, to be used under the direction of Richard O. Bernitt in Public Safety for an improved radio system.

108. Grant of $48,007 from the Environmental Protection Agency, Washington, D.C. to be used under the direction of Robert C. Ball in the Institutes of Water Research for results of mass transport of biological materials through a once-through cooling system on western Lake Erie.

109. Grant of $100,000 from the Office of Water Resources Research, U.S. Department of the Interior to be used under the direction of Robert C. Ball in the Institute of Water Research as the annual allotment grant for water research.

110. Grant of $30,730 from the Office of Water Resources Research, U.S. Department of the Interior, to be used under the direction of Robert C. Ball in the Institute of Water Research and A. L. Kenworthy in Horticulture to study trickle irrigation in Michigan fruit plantings.

111. Grant of $85 from David H. and Marjorie K. Byers, Waterloo, Iowa, to be used under the direction of the Mayo Hall Head Advisor and the Dean of Students in planning and implementing educational programs for the residents of Mary Mayo Hall.

Motion was made by Trustee Stevens, seconded by Trustee Merriman, to accept the gifts and grants. Unanimously carried.

C. OTHER ITEMS FOR ACTION

1. Vice President Scott presented a proposal for the establishment of the MSU Foundation. The Articles of Incorporation had been distributed to the Trustees and are filed in the Secretary's Office.

The following excerpt from the Proposal for an Office of Development explains the purposes of a Foundation:

A Michigan State University Foundation to be the recipients of funds that can be earmarked for special academic programs should be established. The Foundation would have the University as a sole beneficiary. It should be organized and operated exclusively for charitable, scientific or educational purposes relating to the University. Its purposes would be:

(a) To promote, encourage and aid scientific investigation and research at Michigan State University by the faculty, staff, alumni and students, and to provide or assist in providing the means and machinery by which their scientific discoveries, inventions and processes may be developed, applied and patented and by which such utilization or disposition may be made of them to provide funds for and to stimulate and promote further investigation and research within the University.

(b) To pay out and distribute the foundation's funds to or for research and academic programs at Michigan State University.

(c) To use and administer private gifts, grants and bequests for research for the benefit of Michigan State University.

(d) To support special academic programs which are of high priority.

Motion was made by Trustee Huff, seconded by Trustee Thompson, to approve in principal the establishment of the MSU Foundation and to approve the Articles of Incorporation. Unanimously approved.
2. It was recommended that the appropriate degrees be awarded to those students who, according to the records of the Registrar, completed the requirements for graduation summer term and fall term 1972.

RESOLVED that the degrees be awarded as recommended.

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

3. The students graduating at the 1972 fall term commencement who have the highest scholastic average at the close of their last term in attendance and are therefore recommended to receive the Board of Trustees awards are:

First high man - John Michael Francini, Mathematics major, 4.123 average, graduate of Purcell High School, Cincinnati, Ohio
Second high man - Joseph Paul Miletich, Biochemistry major, 4.075 average, graduate of Archbishop Hoban High School, Akron, Ohio
First high woman - Susan Kay Rutledge, Biological Sciences major, 4.000 average, graduate of Atherton High School, Flint
Second high woman - Sally Jo Sieloff, French (Education) major, 3.993 average, graduate of North Farmington High School, Farmington

RESOLVED that the degrees be awarded as recommended.

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

4. It will be necessary to reaccommodate the WKAR-AM/FM electronics repair shop when its quarters for many years, Quonset No. 59, is razed later this fall. Suitable space is available under the south balcony of the University Auditorium, if it can be finished off. The cost of doing so has been estimated at $10,700. If approved by the Board of Trustees, the project will be funded by Account No. 11-5173, Special Alterations and Improvements.

RESOLVED that the alterations to the University Auditorium be approved as recommended.

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

5. Vice President Eldon Nonnamaker discussed the implications of the proposed changes in the Student Motor Vehicle Regulation No. 21, copy of which is filed in the Secretary's Office.

RESOLVED that the Student Motor Vehicle Regulations be revised as recommended.

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

6. A policy statement concerning the University's responsibility as an investor was approved by the University Business Affairs Committee on October 12. This statement is filed in the Secretary's Office.

It was recommended that this policy statement be adopted.

RESOLVED that the University Business Affairs Committee statement "The University as Investor and Consumer: Social Responsibility in Business Affairs," be adopted.

Motion was made by Trustee Carrigan, seconded by Trustee Hartman, to approve the above resolution. Motion carried by a vote of 7 to 1, Trustee Huff voting "No."

7. The following resolution was presented by Trustee Martin.

Much has been written about Hugh Duffy Daugherty, Head Football Coach at Michigan State University, and much will be written as he resigns as coach at the end of his 19th season. To millions of sports fans throughout the nation the name Duffy Daugherty and Michigan State University have been synonymous. Duffy has probably been one of the best known names in college coaching in the last decade. Since assuming head coaching duties in 1954, he has held the longest tenure of any MSU football coach. As of November 11, Duffy has coached 108 victories for Michigan State. The top ten ranks of college football have included seven of Duffy's teams with his 1965 team ranked as Number One in the nation and crowned national champions by United Press International.

Duffy's two greatest teams were in 1965 and 1966. Both went undefeated through ten regular season games, won Big Ten championships and gained national recognition. In 1965, Duffy was named "Coach of the Year" by the national football writers, the Washington, D.C. Touchdown Club, the New York Daily News, and the Football News.
7. Daugherty Resolution, continued

With Duffy's professional success, his stature as a great athletic personality has kept pace. His Irish wit, unfailing good humor, and optimism in even the bleakest times have served as an inspiration to all associated with Michigan State University. He has clearly demonstrated his love for MSU.

The Board of Trustees wishes to express its sincere appreciation for the great leadership and direction that Head Coach Daugherty has provided. The Board anticipates that Duffy's deep love for MSU will be of further help to this institution as he takes on his new assignment. Michigan State owes much to Duffy Daugherty, a man who has given much to the Green and White.

Motion was made by Trustee Martin, seconded by Trustee Carrigan, to approve the above resolution and to present the appropriately framed resolution to Mr. Daugherty. Unanimously carried.

Meeting adjourned at 10:25 a.m.

President

Secretary