President Wharton called the Finance Committee meeting to order at 7:40 a.m.

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

Absent: No one.

1. The Investment Committee met and approved the following recommendations as submitted by Scudder, Stevens & Clark. Trustees Martin, Thompson, and Huff concurred in the acceptance of these recommendations.

### Forest Akers Fund

<table>
<thead>
<tr>
<th>Amount</th>
<th>Security</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 shs.</td>
<td>Bristol Myers</td>
<td>$ 64</td>
<td>$ 12,800</td>
<td>$ 240</td>
<td>1.9%</td>
</tr>
<tr>
<td>400 shs.</td>
<td>Harso</td>
<td>18</td>
<td>7,200</td>
<td>400</td>
<td>5.6%</td>
</tr>
</tbody>
</table>

Recommend purchasing:
- 200 shs. Kresge
- Up to 125 shs. PepsiCo

### Consolidated Investment Fund

<table>
<thead>
<tr>
<th>Security</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>$72,000 Ford Motor Credit Notes due 3-23-73</td>
<td>100</td>
<td>72,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Recommend selling:
- 873 shs. Bristol Myers
- 1,200 shs. Harso
- 630 shs. McLouth Steel

Recommend purchasing:
- 1,000 shs. Kresge
- 1,000 shs. American Hospital Supply
- $72,000 Ford Motor Credit Notes due 7-3-73

### Jenison Fund

<table>
<thead>
<tr>
<th>Amount</th>
<th>Security</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>$55,000 Ford Motor Credit Notes due 3-23-73</td>
<td>100</td>
<td>55,000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Recommend selling:
- 665 shs. Bristol Myers
- 1,700 shs. Harso
- 1,100 shs. McLouth Steel
- 300 shs. Dow Chemical (out of 1,000)

Recommend purchasing:
- 500 shs. PepsiCo
- 900 shs. Kresge
- 900 shs. American Hospital Supply
- $54,000 Ford Motor Credit Notes due 7-3-73

### Retirement Fund

<table>
<thead>
<tr>
<th>Amount</th>
<th>Security</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>$291,000 Ford Motor Credit Notes due 3-23-73</td>
<td>100</td>
<td>291,000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Recommend selling:
- 6,704 shs. Bristol Myers
- 18,850 shs. Harso
- 7,000 shs. McLouth Steel
- 2,000 shs. Dow Chemical (lvg. 9,000)
### Investment Recommendations, continued

#### Retirement Fund, continued

<table>
<thead>
<tr>
<th>Amount</th>
<th>Security</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available cash</td>
<td></td>
<td>$ 10,954</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recommend purchasing:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 5,000 shs. Kresge</td>
<td>$ 44</td>
<td>220,000</td>
<td>850</td>
<td>.4%</td>
<td></td>
</tr>
<tr>
<td>5,000 shs. American Hospital Supply</td>
<td>45</td>
<td>225,000</td>
<td>1,400</td>
<td>.6%</td>
<td></td>
</tr>
<tr>
<td>4,000 shs. First National City Corp.</td>
<td>71</td>
<td>284,000</td>
<td>5,280</td>
<td>1.2%</td>
<td></td>
</tr>
<tr>
<td>5,000 shs. Pepsico</td>
<td>84</td>
<td>620,000</td>
<td>5,000</td>
<td>1.2%</td>
<td></td>
</tr>
<tr>
<td>$237,000</td>
<td>Ford Motor Credit Notes due 7-3-73</td>
<td>100</td>
<td>237,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Rackham Fund

| Maturing:        | $37,000 Ford Motor Credit Notes due 3-23-73 | 100 | 37,000 |
| Available cash   |                                       |     | 691    |
| **Recommend purchasing:** |                                  |     |        |
| 300 shs. Kresge  | 44                                    | 22,000 | 85 | .4% |
| $15,000 Ford Motor Credit Notes due 7-3-73 | 100 | 15,000 |

#### Rackham Trust Reserve

| Maturing:        | $6,000 Ford Motor Credit Notes due 3-23-73 | 100 | 6,000 |
| Available cash   |                                       |     | 1,025 |
| **Recommend purchasing:** |                                  |     |        |
| $7,000 Ford Motor Credit Notes due 7-3-73 | 100 | 7,000 |

#### F.A. & E.G. Simonsen Scholarship Fund

| Recommend selling: | 60 shs. Bristol Myers | 64 | 3,840 | 72 | 1.9% |
| 300 shs. Harsco    | 18                     | 5,400 | 300 | 5.6% |
| 140 shs. McLouth Steel | 16                 | 2,240 |
| Available cash     |                                       |     | 522   |
| **Recommend purchasing:** |                                  |     |        |
| 250 shs. Kresge    | 44                     | 11,000 | 43 | .4% |

#### A.H. & S.A. Case Fund

| Recommend selling: | 292 shs. Bristol Myers | 64 | 18,688 | 350 | 1.9% |
| 930 shs. Harsco    | 18                     | 16,740 | 930 | 5.6% |
| **Recommend purchasing:** |                                  |     |        |
| 250 shs. Pepsico   | 84                     | 21,000 | 250 | 1.2% |
| **Up to 325 shs. Kresge** | 44               | 14,300 | 60 | .4% |

#### Insurance Fund

| Recommend selling: | 509 shs. Bristol Myers | 64 | 32,576 | 611 | 1.9% |
| 600 shs. Harsco    | 18                     | 10,800 | 600 |
| Available cash     |                                       |     | 532   |
| **Recommend purchasing:** |                                  |     |        |
| 450 shs. Kresge    | 44                     | 19,800 | 77 | .4% |
| 275 shs. Pepsico   | 84                     | 23,100 | 275 | 1.2% |

#### G.J. Bouyoucos Graduate Fellowship

| Recommend selling: | 325 shs. Harsco | 18 | 5,850 | 325 | 5.6% |
| **Recommend purchasing:** |                                  |     |        |
| 125 shs. American Hospital Supply | 45 | 5,625 | 35 | .6% |
1. Investment Recommendations, continued

<table>
<thead>
<tr>
<th>Harry L. Conrad Fund</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommend selling:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>110 shs. McLouth Steel</td>
<td>$ 16</td>
<td>$ 1,760</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Available cash</td>
<td>311</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommend purchasing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 shs. First National City Corp.</td>
<td>71</td>
<td>1,775 $ 33 1.9%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>H.W. Klare &amp; K.A. Klare Trust Fund</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maturing:</td>
<td>$59,000 Ford Motor Credit Notes due 3-23-73</td>
<td>100</td>
<td>59,000</td>
<td></td>
</tr>
<tr>
<td>Recommend selling:</td>
<td>400 shs. Harsco</td>
<td>18</td>
<td>7,200</td>
<td>400 5.6%</td>
</tr>
<tr>
<td>350 shs. McLouth Steel</td>
<td>16</td>
<td>5,600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommend purchasing:</td>
<td>300 shs. Kresge</td>
<td>44</td>
<td>13,200</td>
<td>51 .4%</td>
</tr>
<tr>
<td>200 shs. First National City Corp.</td>
<td>71</td>
<td>14,200</td>
<td>264 1.9%</td>
<td></td>
</tr>
<tr>
<td>$64,000 Ford Motor Credit Notes</td>
<td>100</td>
<td>44,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>due 7-3-73</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skinner Fund</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maturing:</td>
<td>$6,000 Ford Motor Credit Notes due 3-23-73</td>
<td>100</td>
<td>6,000</td>
<td></td>
</tr>
<tr>
<td>Recommend selling:</td>
<td>125 shs. Bristol Myers</td>
<td>64</td>
<td>8,000</td>
<td>150 1.9%</td>
</tr>
<tr>
<td>Recommend purchasing:</td>
<td>100 shs. Pepsico</td>
<td>84</td>
<td>8,400</td>
<td>100 1.2%</td>
</tr>
<tr>
<td></td>
<td>125 shs. Kresge</td>
<td>44</td>
<td>5,500</td>
<td>21 .4%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fred T. Russ Fund</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommend selling:</td>
<td>371 shs. Bristol Myers</td>
<td>64</td>
<td>10,944</td>
<td>205 1.9%</td>
</tr>
<tr>
<td>300 shs. McLouth Steel</td>
<td>16</td>
<td>4,800</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommend purchasing:</td>
<td>350 shs. Kresge</td>
<td>44</td>
<td>15,400</td>
<td>60 .4%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spartan Fund</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommend selling:</td>
<td>122 shs. Bristol Myers</td>
<td>64</td>
<td>7,808</td>
<td>146 1.9%</td>
</tr>
<tr>
<td>295 shs. Harsco</td>
<td>18</td>
<td>5,310</td>
<td>295 5.6%</td>
<td></td>
</tr>
<tr>
<td>Available cash</td>
<td>462</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommend purchasing:</td>
<td>100 shs. Kresge</td>
<td>45</td>
<td>4,500</td>
<td>17 .4%</td>
</tr>
<tr>
<td>100 shs. Pepsico</td>
<td>84</td>
<td>8,400</td>
<td>100 1.2%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ivan Wright Fund</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Available cash</td>
<td>213</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommend selling:</td>
<td>45 shs. McLouth Steel</td>
<td>16</td>
<td>720</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Albert Case Fund</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maturing:</td>
<td>$33,000 Ford Motor Credit Notes due 3-23-73</td>
<td>100</td>
<td>33,000</td>
<td></td>
</tr>
<tr>
<td>Recommend selling:</td>
<td>284 shs. Bristol Myers</td>
<td>64</td>
<td>18,176</td>
<td>341 1.9%</td>
</tr>
<tr>
<td>800 shs. Harsco</td>
<td>18</td>
<td>14,400</td>
<td>800 5.6%</td>
<td></td>
</tr>
<tr>
<td>400 shs. McLouth Steel</td>
<td>16</td>
<td>6,400</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

continued - -
### Albert Case Fund, continued

<table>
<thead>
<tr>
<th>Amount</th>
<th>Security</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 shs.</td>
<td>Pepsi</td>
<td>$84</td>
<td>25,200</td>
<td>$300 1.2%</td>
<td></td>
</tr>
<tr>
<td>300 shs.</td>
<td>American Hospital Supply</td>
<td>45</td>
<td>13,500</td>
<td>84 .6%</td>
<td></td>
</tr>
<tr>
<td>$33,000</td>
<td>Ford Motor Credit Notes due 7-3-73</td>
<td>100</td>
<td>33,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### John A. Hannah Professorship Fund

| Maturing: | $133,000 Ford Motor Credit Notes due 3-23-73 | 100 | 133,000 |

### White Motor Co. Fund

| Maturing: | $12,000 Ford Motor Credit Notes due 3-23-73 | 100 | 12,000 |

### Forest Akers Golf Course Fund

| Maturing: | $2,000 Ford Motor Credit Notes due 3-23-73 | 100 | 2,000 |

### Ivan Wright Life Income

| Maturing: | $5,000 Ford Motor Credit Notes due 3-23-73 | 100 | 5,000 |

### Albert Case Fund, continued

- **Available cash**
  - **Recommend purchasing:**
    - 300 shs. Pepsi
    - 300 shs. American Hospital Supply
    - $33,000 Ford Motor Credit Notes due 7-3-73

### John A. Hannah Professorship Fund

- **Maturing:**
  - $133,000 Ford Motor Credit Notes due 3-23-73
- **Available cash**
  - 4,117

### White Motor Co. Fund

- **Maturing:**
  - $12,000 Ford Motor Credit Notes due 3-23-73
- **Available cash**
  - 79

### Forest Akers Golf Course Fund

- **Maturing:**
  - $2,000 Ford Motor Credit Notes due 3-23-73
- **Recommend purchasing:**
  - 300 shs. Harisco

### Ivan Wright Life Income

- **Maturing:**
  - $5,000 Ford Motor Credit Notes due 3-23-73
- **Recommend selling:**
  - 95 shs. McLouth Steel
- **Recommend purchasing:**
  - Up to 140 shs. Kresge
Finance Committee Minutes, continued

1. Investment Recommendations, continued

Lee J. and Grace Ashley Scholarship Fund

<table>
<thead>
<tr>
<th>Amount</th>
<th>Security</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,000</td>
<td>Ford Motor Credit Notes</td>
<td>$100</td>
<td>$3,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>due 3-23-73</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Available cash

Recommend purchasing:

| $2,000 | Ford Motor Credit Notes | 100         | 2,000     |        |       |
|        | due 7-3-73              |             |           |        |       |

Up to 35 shs. Kresge

Leone Wheaton Tudor Fund

<table>
<thead>
<tr>
<th>Amount</th>
<th>Security</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000</td>
<td>Ford Motor Credit Notes</td>
<td>100</td>
<td>1,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>due 3-23-73</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Recommend selling:

| 200 shs. | Bristol Myers | 64           | 12,800   | 240    | 1.9% |

Recommend purchasing:

<table>
<thead>
<tr>
<th>Up to 150 shs. Kresge</th>
<th>44</th>
<th>6,600</th>
<th>26</th>
<th>.4%</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 shs. First National City Bank</td>
<td>71</td>
<td>7,100</td>
<td>132</td>
<td>1.9%</td>
</tr>
</tbody>
</table>

RESOLVED that the above investment recommendations as submitted by Scudder, Stevens & Clark and approved by the Investment Committee be approved.

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

2. The following annual statement for 1973 has been submitted by Scudder, Stevens & Clark.

January 1, 1973 Principal Value

<table>
<thead>
<tr>
<th>Less Exemptions:</th>
<th>$31,970,889.18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash</td>
<td>$285,137.59</td>
</tr>
<tr>
<td>Government &amp; Federal Agency Bonds</td>
<td>1,539,897.72</td>
</tr>
<tr>
<td>Savings &amp; Loan Ctsf.</td>
<td>18,300.00</td>
</tr>
<tr>
<td>Mortgages</td>
<td>127,362.84</td>
</tr>
<tr>
<td>Michigan State University Bonds</td>
<td>82,258.68</td>
</tr>
<tr>
<td>Commercial Paper</td>
<td>631,000.00</td>
</tr>
<tr>
<td></td>
<td>- 2,852,269.82</td>
</tr>
</tbody>
</table>

Net amount subject to fee

| Fee on $ 2,000,000.00 @ 1/4 of 1%             | $5,000.00      |
| Fee on $ 2,000,000.00 @ 3/16 of 1%           | 3,750.00       |
| Fee on $ 2,000,000.00 @ 1/8 of 1%            | 2,500.00       |
| Fee on $ 3,000,000.00 @ 1/16 of 1%           | 1,875.00       |
| Fee on $20,118,619.33 @ 3/64 of 1%           | 9,436.00       |

Total Charge for 1973

| $22,561.00                                      |

RESOLVED that the Board of Trustees approve payment of the above statement from Scudder, Stevens & Clark.

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

3. Dr. A. W. Farrall and Dr. Carl F. Albrecht of the Agricultural Engineering Department donated royalties they received from the sale of Agricultural Engineering -- A Dictionary and Handbook to the University as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Royalties</th>
</tr>
</thead>
<tbody>
<tr>
<td>1965-66</td>
<td>$39.11</td>
</tr>
<tr>
<td>1966-67</td>
<td>2,306.25</td>
</tr>
<tr>
<td>1967-68</td>
<td>891.57</td>
</tr>
<tr>
<td>1968-69</td>
<td>660.35</td>
</tr>
<tr>
<td>1969-70</td>
<td>664.20</td>
</tr>
<tr>
<td>1970-71</td>
<td>107.63</td>
</tr>
</tbody>
</table>

|= 4,669.11 |

These royalties were deposited in the Agricultural Engineering Scholarship and Awards Fund for use to reward and encourage worthy students in the department.

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

Finance Committee Minutes, continued  
April 20, 1973

3. Agricultural Engineering Scholarship Fund, continued

It was the desire of the Agricultural Engineering Department to have these funds invested, with the income to be used to support scholarships and awards as designated by the scholarship and awards committee of the Agricultural Engineering Department. If necessary, the principal could also be used.

RESOLVED that the Board of Trustees approves the transfer of the royalty funds to a fund functioning as an endowment for the purpose indicated above and that the monies be invested in the Consolidated Investment Fund.

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

4. The 5 shares of S. S. Kresge Company stock, a gift from Donald W. Schreiner for the MSU Development Fund (listed under Gifts and Grants on page 7766 of the April 20 open Board meeting) were sold on February 28, 1973 for a net amount of $205.52.

RESOLVED that the report of the sale of the Kresge Company stock be accepted.

Unanimously approved on motion by Trustee Huff, seconded by Trustee Thompson.

5. Vice President Leslie Scott and Vice President Wilkinson reported that at a meeting of the Board of Trustees held February 29, 1973 approval was given to the transfer of funds of the Spartan Foundation with the agreement that the University would act as depositary subject to instructions subsequently reduced to writing that the Trustees of the Spartan Foundation would direct the use of such assets. The agreement further specified that the corpus could be transferred to some agency "whose objects are the same or similar as contemplated herein." The Trustees of the Spartan Foundation have voted unanimously to transfer such funds to the newly incorporated Michigan State University Foundation. Approval of this action by the Board of Trustees of Michigan State University is desirable since it will be relinquishing its capacity of fund depository.

RESOLVED that the Trustees approve the transfer of the Spartan Foundation funds to the Michigan State University Foundation.

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

6. Provost Cantlon introduced Dr. Robert Davis, Assistant Provost for Instructional Resources, who gave the background on the proposed revision in the University copyright policy. The revised policy, as defined in a document titled "Faculty Rights in University-Sponsored Instructional Materials," was scheduled to be acted upon in the open Board Meeting.

It was the consensus of the Trustees that action on the proposed copyright policy should be delayed until it could be discussed in the May Retreat and in conjunction with a revised patent policy. President Wharton was therefore asked to announce that this item would be deleted from the agenda for the open Board meeting.

7. President Wharton and Executive Vice President Breslin related the administration's concerns regarding the present Public Safety facilities, namely, the rapidly deteriorating physical condition of the quonsets, security problems, and the lack of cover for Public Safety vehicles. Originally, it had been suggested that an addition be built on Parking Ramp No. 1 to provide new space for Public Safety. More recently, the University architect has proposed that the parking located between the International Center and the Engineering Building be decked, which would provide space for Public Safety beneath the deck area. It was recommended that further studies be made of this possibility and that the administration be authorized to employ an architect for the purpose of developing preliminary plans for this project. It is further understood that the proposal will be brought back to the Board for further discussion and proposed financing.

Motion was made by Trustee Huff, seconded by Trustee Carrigan, and unanimously approved to authorize the administration to employ an architect to submit plans for the construction of a facility to house the Department of Public Safety.

8. Executive Vice President Breslin and Provost Cantlon recommended the purchase of the Mary U. Gay property on Hagadorn Road at a price of $56,800. There is approximately an acre of land plus a house. Payments would be spread over a 3-year period as follows:

$18,933 at closing of sale — hopefully, April 1973
$18,934 on January 2, 1974
$18,934 on January 2, 1975

This is the only piece of property in this entire section of land not owned by the University. The immediate area is part of the Water Quality Management program.

RESOLVED that the University purchase the Gay property at a price of $56,800 to be paid over a 3-year period as recommended.

Motion was made by Trustee Stevens, seconded by Trustee Thompson to approve the above resolution. Carried by a vote of 7 to 1, Trustee Huff voting "No."
Finance Committee Minutes, continued

April 20, 1973

9. Included in the University's investment portfolio is the W. T. Grant Co. building located at 321 North Washington Avenue, Lansing, Michigan. The fire marshal of the City of Lansing has directed the University to install a sprinkler system in this facility.

It was requested that the University administration be authorized to engage Manson-Jackson & Kane, Inc. of Lansing to do the necessary engineering and design work. When this has been completed a recommendation, including the bids, will be made to the Trustees for the completion of this project.

RESOLVED that Manson-Jackson & Kane, Inc. of Lansing be engaged to design the sprinkler system for the W. T. Grant Co. building.

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

10. The Awards Committee of the MSU Alumni Association recommended the following people to receive the Distinguished Alumni Award at the June 1973 commencement:

Marion L. Patch Milker '40 - Vice President and Advertising Manager, The Gossard Co., Chicago, Illinois
Thomas Kole '59 - President, BEA Express, New York, New York
James C. Miller B.A. '48; M.A. '50; Ph.D. '56 - Deputy Director, Manned Undersea Science and Technology Program, National Oceanic and Atmospheric Administration, Department of Commerce, Rockville, Maryland
Dean E. Richardson '50 - President, Manufacturers National Bank of Detroit, Detroit, Michigan
Jack H. Widick '42 - Senior Vice President-Corporate Services, American Hospital Supply Corp., Evanston, Illinois
Ralph D. Wyckoff '20 - Retired as Director of the Instrument Division and Vice President, Gulf Minerals Co. and Dominion Gulf Co., Oakmont, Pennsylvania

RESOLVED that the Distinguished Alumni Awards, as recommended, be approved.

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

11. President Wharton announced that the Retreat scheduled for May 12 represented a conflict for him and the new date of May 11 was agreed upon. Trustee Huff requested a report from Dr. James B. Hamilton on the effectiveness of the Special Programs. Provost Cantlon reported that an evaluation study is under way on the support activities.

12. Provost Cantlon submitted the following report on MSU's drop from first to second place in recruiting National Merit Scholars:

1. For the first time in nearly a decade MSU has dropped from first place in the nation in the number of National Merit Scholars enrolled. Harvard University now has 30 more than MSU's 520 enrolled Merit Scholars.

2. This loss of first place stems from a down trend in MSU's numbers from a high of 700 in 1969 to the present 520. This 180 reduction has two components: (a) there are more institutions paying closer attention to recruiting the National Merit Semi-finalists, and (b) MSU reduced its contract with the Merit Corporation from 157 sponsored scholarships in 1965 to 65 for the last two years.

3. This reduction was made in response to the increasing cost of scholarships and the growing fiscal stresses of 1970-71.

4. It is now recommended that we restore part of the support behind this key academic scholarship program based on outstanding achievement. As a beginning, I would like to propose that we increase the number of new scholarships guaranteed to the Merit Corporation from 65 to 85. The additional cost for 1974-75 would be $15,000. If kept at 85 for the next 4 years the program would have an additional annual cost of $54,000 (allowing for the normal "stop-outs," withdrawals, etc., and assuming no increase in tuition, etc.).

5. In my judgment the National Merit program has done more to elevate the quality of MSU than any other single program we have supported. For this reason I make the recommendation that our number of scholarships be increased from 65 back upwards to 85.

Notion was made by Trustee Huff, seconded by Trustee Merriman, to increase the number of new scholarships guaranteed to the Merit Corporation from 65 to 85. After further discussion, Trustee Huff amended his motion to guarantee at least 85 but not more than 100 new Merit scholarships. Trustee Merriman agreed to the amendment and the amended motion was unanimously approved.

President Wharton reported that when the National Achievement Scholarships were announced he released some discretionary funds so that the University could be in at the beginning in recruiting students under this program.

1973 Distinguished Alumni Awards

Report on Special Programs requested by Trustee Huff

Increase in number of Nat'l Merit Scholarships guaranteed to Merit Corp. approved
Finance Committee Minutes, continued

April 20, 1973

Gen. Edw. Brooke to be asked to speak at Dec. 1973 commencement

President Wharton announced that James Reston of the New York Times would be unable to be the speaker at the December 1973 commencement. The President recommended that Senator Edward Brooke of Massachusetts be asked to replace him.

Motion was made by Trustee Carrigan, seconded by Trustee Thompson, and unanimously approved to follow President Wharton's recommendation.

Governor's Commission on Higher Education

Sen. Edw. Brooke requested to be asked to speak at Dec. 1973 commencement

Motion was made by Trustee Carrigan, seconded by Trustee Thompson, and unanimously approved to follow President Wharton's recommendation.

Governor's Commission on Higher Education

Trustee Merriman reported on contacts he had with representatives of the governing boards of the University of Michigan, Wayne State, and Northern Michigan regarding the Governor's Commission on Higher Education. The University of Michigan regents planned to discuss this in an executive session Thursday evening, April 19. Wayne State, on the recommendation of its president, had adopted a resolution reaffirming action taken by the Council of State College Presidents May 19, 1970. Mr. Merriman wondered if it would be proper for MSU to take similar action and President Wharton responded that a majority of the presidents felt that circumstances had changed since the May 19, 1970 action and certain aspects of that resolution now needed changing. He indicated he felt it important that there be a unified set of changes rather than individual university actions. Chairman Joseph Gross of the Northern Michigan University Board of Control had expressed his concerns to Trustee Merriman in a letter and suggested that Board members attending the Association of Governing Boards meeting in San Francisco meet for breakfast Tuesday morning, May 1, to discuss the question. Plans for this breakfast would be coordinated through Mr. Breslin's office.

It was Trustee Merriman's opinion that there seems to be a feeling that the governing boards or a subcommittee from the boards should meet to discuss this issue. He requested that MSU Board members who attend the AGB meeting report any suggestions that may develop from the proposed breakfast meeting.

Alumni Assoc.

President Wharton announced that an item that may be included in the agenda for the May 11 Retreat is the future course and direction of the MSU Alumni Association.

East Lansing Fire Dept.

Report for 1972 received

The East Lansing Fire Department has presented to the Board of Trustees its annual report relative to activities of the fire department for the calendar year 1972.

In summary, the report gives the following information:

- Total fire alarms on the MSU campus - 224 in 1972 as opposed to 242 in 1971.
- The major classification of fires on the University campus, as well as the actual causes of fire on the campus, were related to motor vehicles.
- Total fire loss on the MSU campus for 1972 was $11,257, as opposed to $8,812 in 1971.
- The cooperation the University receives from the East Lansing Fire Department is excellent. No changes were recommended at this time.

Adjourned at 9:45 a.m.
A. PERSONNEL CHANGES

April 20, 1973

Resignations

1. Charles W. McNeill, 4-H Youth Agent, Sanilac, Tuscola, and Huron Counties, effective May 4, 1973 to seek other employment.

2. Thomas M. Ralya, 4-H Youth Agent, Genesee County, effective April 27, 1973 to seek other employment.

3. Jan Kmenta, Professor, Economics, effective August 31, 1973 to accept a position in the Department of Economics at the University of Michigan, Ann Arbor.

4. Natan I. Katzman, Assistant Professor, Communication, effective August 31, 1973 to accept a position at the Corporation for Public Broadcasting.

5. Everett M. Rogers, Professor, Communication, effective June 30, 1973 to accept a position at the University of Michigan.

6. James W. Fleming, Assistant Professor, Elementary and Special Education, effective August 31, 1973 to accept a position in September.

7. Virginia M. Follette, Instructor, Teacher Education, effective April 30, 1973 to move to Jonesboro, Arkansas to join her husband who has been transferred.

8. David K. Roderick, Specialist, Computer Laboratory, effective February 28, 1973 to be appointed at a later date.

9. Gordon D. Daugharty, Associate Clinical Professor, Obstetrics, Gynecology and Reproductive Biology, effective March 31, 1973 to accept a full-time faculty position in the Department.

10. Steven K. Derr, Research Associate, Entomology, effective February 28, 1973 to accept another position.

11. Benedict Y. Oh, Research Associate, Physics, effective August 31, 1973 to be appointed as Assistant Professor.

12. George S. Stranahan, Associate Professor, Physics, effective August 31, 1973 to accept another position.

13. Bruce Bueno de Mesquita, Assistant Professor, Political Science, effective August 31, 1973 to accept a position at the University of Rochester.

14. Vincent J. Salvo, Assistant Professor, Sociology, effective August 31, 1973 to move to Canada.

15. Robert A. Brooks, Assistant Professor, Pathology; Assistant Professor and Director, Medical Technology, effective August 31, 1973 to enter dental school.


Leaves -- Sabbatical

1. David L. Cole, Associate Professor, Agricultural Economics, with full pay, effective December 1, 1973 through May 31, 1974 to study at Harvard University, Cambridge, Massachusetts.

2. John Bem Holtman, Associate Professor, Agricultural Engineering, with full pay, effective December 16, 1973 through June 15, 1974 to study in Ontario, Canada, and Riverside, California.

3. Charles E. Cress, Associate Professor, Crop and Soil Sciences, with full pay, effective March 1, 1974 through August 31, 1974 to study in the Department of Statistics, North Carolina State University, Raleigh, North Carolina.

4. Harold D. Hafs, Professor, Dairy Science, and Physiology, with half pay, effective September 1, 1973 through August 31, 1974 to study and conduct research at the University of Nottingham, England.

5. Niles R. Kevern, Professor and Chairman, Fisheries and Wildlife, with full pay, effective July 1, 1973 through September 30, 1973 to study at the University of Montana, Missoula, Montana and in East Lansing, Michigan.

6. Denis Miekiewicz, Associate Professor, German and Russian, with half pay, effective September 1, 1973 through August 31, 1974 to study in East Lansing; Cambridge, Massachusetts; and Europe.

7. Lewis Zerby, Professor, Philosophy, with full pay, effective April 1, 1974 through June 30, 1974 to study in East Lansing.
Leaves—Sabbatical, continued

8. Thomas G. Moore, Professor, Economics, with half pay, effective September 1, 1973 through August 31, 1974 to study in England, Sweden, Belgium, and France.

9. Cole S. Brembeck, Professor and Associate Dean, College of Education; Director, Institute for International Studies in Education, with full pay, effective June 15, 1973 through September 15, 1973 to study at Michigan State University.

10. Scott R. Swisher, Professor and Chairman, Medicine, with full pay, effective July 1, 1973 through December 31, 1973 to write and study in East Lansing and various U.S. Medical Centers; to serve as Visiting Professor, Medical Research Center, University of Sussex, England.

11. Theodore H. Brody, Professor and Chairman, Pharmacology, with full pay, effective October 1, 1973 through December 31, 1973 to complete a book in East Lansing and to study at the University of Miami School of Medicine, Miami, Florida.

12. Kenneth E. Moore, Professor, Pharmacology, with full pay, effective January 1, 1974 through June 30, 1974 to study in the MHC Neurochemical Pharmacology Unit, Cambridge University, England.


14. Carl L. Foiles, Associate Professor, Physics, with half pay, effective January 1, 1974 through June 30, 1974 to study at the University of Washington, Seattle, Washington.

15. Gerald A. Smith, Professor, Physics, with full pay, effective October 1, 1973 through March 31, 1974 to study at the National Accelerator Laboratory, Batavia, Illinois; Argonne National Laboratory, Argonne, Illinois; and East Lansing.

16. Hironobu Ozaki, Associate Professor, Zoology, with half pay, effective September 1, 1973 through August 31, 1974 to study at Kitasato University, School of Medicine, Sagamihara-Shi, Kanagawa-Ken, Japan.

17. Charles S. Thornton, Professor and Chairman, Zoology, with full pay, effective June 15, 1973 through September 15, 1973 to study in Canada and East Lansing.

18. Dietrich Bromscheiweiler, Professor, Geography, with half pay, effective October 1, 1973 through March 31, 1974 to lecture and conduct research on a Fulbright Grant at the University of San Marcos, Lima, Peru.

19. Einar Hardin, Professor, Labor and Industrial Relations, with full pay, effective September 16, 1973 through March 15, 1974 to study and travel in Michigan and Scandinavia.

20. Thomas E. Patten, Professor and Associate Director, Labor and Industrial Relations, with full pay, effective January 1, 1974 through June 30, 1974 to study in Florida and possibly Egypt, Nigeria, and Brazil.

21. Cleo Cherryholmes, Associate Professor, Political Science, with half pay, effective September 1, 1973 through August 31, 1974 to study in East Lansing.

22. Bernard S. Finifter, Assistant Professor, Sociology, with half pay, effective September 1, 1973 through August 31, 1974 to study in East Lansing and Washington, D.C.

23. Maurice N. Hungville, Assistant Professor, American Thought and Language, with full pay, effective January 1, 1974 through March 31, 1974 to study in East Lansing.

24. Petr B. Fischer, Professor, Humanities, and Religious Studies, with full pay, effective January 1, 1974 through March 31, 1974 to study.

25. Walter R. Martin, Associate Professor, Humanities, with full pay, effective April 1, 1974 through June 30, 1974 to study, travel, and write in England, France, and Italy.

26. Michael A. Kamrin, Associate Professor, Natural Science, with half pay, effective September 1, 1973 through August 31, 1974 to study in Turku, Finland.

Leaves—Health

1. Clare M. Musgrove, County Extension Director, Berrien County, with full pay, effective March 14, 1973 through April 30, 1973.

Leaves—Other

1. David L. Cole, Associate Professor, Agricultural Economics, without pay, effective September 1, 1973 through November 30, 1973 to study at Harvard University, Cambridge, Massachusetts.

2. Daniel W. Sturt, Professor, Agricultural Economics, without pay, effective August 1, 1973 through July 31, 1974 to serve as Director of the Farm Labor and Rural Manpower Service in Washington, D.C.
Leaves—Other, continued

3. John Ben Holtman, Associate Professor, Agricultural Engineering, without pay, effective September 15, 1973 through December 15, 1973 to study in Ontario, Canada; and California.

4. Charles E. Cross, Associate Professor, Crop and Soil Science, without pay, effective September 1, 1973 through February 28, 1974 to study in the Department of Statistics, North Carolina State University, Raleigh, North Carolina.

5. Ronald M. Marshall, Assistant Professor, Accounting and Financial Administration, without pay, effective September 1, 1973 through August 31, 1974 to serve as a visiting faculty member at Stanford University.

6. Kenneth E. Moore, Professor, Pharmacology, without pay, effective July 1, 1974 through August 31, 1974 to study in the MRC Neurochemical Pharmacology Unit, Cambridge University, England.

7. Martha J. Soltow, Librarian, Labor and Industrial Relations, with full pay, effective October 1, 1973 through December 31, 1973 to research in Great Britain.

8. Gordon Wood, Associate Professor, Psychology, without pay, effective September 1, 1973 through August 31, 1974 to serve as Visiting Associate Professor at the University of California, Berkeley.

9. John Appel, Professor, American Thought and Language, without pay, effective January 1, 1974 through August 31, 1974 to continue research and serve as visiting professor at N.Y. State Historical Association, Cooperstown, N.Y., and at State University of N.Y., Oneonta.


Transfers and Changes in Assignment

1. Transfer Burton J. Stanley from 4-H Youth Agent, Mason, Lake, and Manistee Counties, to County Extension Director, Antrim County, with an increase in salary to $14,300 per year on a 12-month basis, effective June 1, 1973.


4. Additional title of Associate Professor for Carroll H. Wamhoff, Director, Agriculture and Natural Resources Education Institute, effective July 1, 1973.

5. Additional assignment to American Thought and Language, effective January 1, 1974 through March 31, 1974 for Victor M. Howard, Associate Professor, English, and Director, Canadian American Studies.


8. Change of assignment for Linda N. Brown, Instructor, from Audiology and Speech Sciences, 50% time at a salary of $400 per month, to Audiology and Speech Sciences and Dean's Office, College of Communication Arts, 100% time at a salary of $800 per month, effective April 1, 1973 through June 30, 1973.


11. Change Gale Mikles from Professor and Acting Chairman to Professor and Chairman, Department of Health, Physical Education and Recreation, effective May 1, 1973.

12. Designation of Jes Asmussen, Jr., Associate Professor, as Associate Chairman, Department of Electrical Engineering and Systems Science, effective March 1, 1973 through August 31, 1975.

13. Change Marlene Kay Wamhoff, Instructor, Dean's Office, College of Human Ecology and Human Environment and Design, from 50% time at a salary of $1,536 to 75% time at a salary of $2,304 for the period April 1, 1973 through June 30, 1973.

14. Change Angele M. Parker, Instructor, Institute for Family and Child Study, from 100% time at a salary of $850 per month, to 50% time at a salary of $425 per month, effective April 1, 1973 through June 30, 1973.
A. PERSONNEL CHANGES, continued

Transfers and Changes in Assignment

4. For Gary A. Manson, Assistant Professor, from dual assignment to the Social Science Multidisciplinary Major Program, to Teacher Education, and a change from 50% time at a salary of $500 per month to 75% time at a salary of $750 per month, effective April 1, 1973 through June 30, 1973.

5. Additional assignment for Charles C. Sweeley, Professor, Biochemistry, as Assistant Dean for Research, College of Human Medicine, with an increase in salary to $33,950 per year on a 12-month basis, effective March 1, 1973.

6. Additional assignment for Fred Matthies, Assistant Professor, Human Development, as Director of Residency Training, effective May 1, 1972.

7. Additional assignment for William A. Winston, Associate Professor, Counseling, Personnel Services and Educational Psychology, and Assistant Director for Research, Center for Urban Affairs, to Associate Professor, Counseling, Personnel Services and Educational Psychology, and Assistant Director for Research, Dean's Office, College of Urban Development, effective July 1, 1973.

8. Change of title for Roy J. Gerard from Assistant Clinical Professor to Assistant Professor, Department of Psychiatry and Teacher Education, and a change from 50% time at a salary of $500 per month to 100% time at a salary of $12,200 per year on a 10-month basis, effective May 1, 1973 through August 31, 1973.

9. Change of assignment for Charles P. Wells from Professor and Chairman, Department of Biochemistry, to Computer Science and an increase from 50% time to 100% time at a salary of $12,200 per year on a 10-month basis, effective May 1, 1973 through August 31, 1973.


11. Change of assignment for Roy J. Gerard, Assistant Professor, from dual assignment to the Social Science Teaching Institute and the Department of Geography, to assignment to Geography, only, effective September 1, 1973.

12. Change of title for Charles C. Sweeley, Professor, as Chairman, Department of Mathematics, and a change from a 10-month basis at a salary of $22,000 per year to a 12-month basis at a salary of $29,000 per year, effective September 1, 1973.

13. Change of assignment for Edward J. Kollar from Professor, Department of Psychiatry, and Director of Undergraduate Medical Education-Flint, College of Human Medicine, to Professor, Department of Psychiatry, and Assistant Dean for Flint, College of Human Medicine, effective April 1, 1973.

14. Change of assignment for Michael J. Thomas from Research Associate, Department of Psychology, from full pay, effective October 1, 1973 through December 31, 1973 to half pay, effective April 1, 1973 through March 31, 1974.

15. Change of assignment for Richard D. Hart, Assistant Professor, Social Science Multidisciplinary Major Program, to Computer Science and an increase from 50% time to 100% time at a salary of $12,200 per year on a 10-month basis, effective May 1, 1973 through August 31, 1973.

16. Additional assignment for Ann C. Shelly, Instructor, to the Social Science Teaching Institute and Teacher Education, and a change from 50% time at a salary of $500 per month to 75% time at a salary of $750 per month, effective April 1, 1973 through June 30, 1973.


18. Change of assignment for Eric V. A. Winston from Instructor and Administrative Assistant to Director, Center for Urban Affairs, to Instructor and Administrative Assistant to Dean, College of Urban Development, effective July 1, 1973.
A. PERSONNEL CHANGES, continued

Transfers and Changes in Assignment, continued

April 20, 1973

35. Change of assignment for Jack M. Bain from Professor, Department of Communication, to Professor, Department of Communication, and Professor and Acting Chairman, Department of Racial and Ethnic Studies, effective April 1, 1973 through June 30, 1974.

36. Additional assignment for Charles Cleland, Associate Professor, Department of Anthropology, and Curator, Museum, as Associate Professor, Department of Racial and Ethnic Studies, effective July 1, 1973.


38. For Ruth S. Hamilton, Associate Professor:
   a. Assignment to Sociology, African Studies Center, and Center for Urban Affairs, effective September 1, 1972 through June 30, 1973;


40. Additional assignment for Iwao Ishino, Professor and Chairman, Department of Anthropology, as Professor, Department of Racial and Ethnic Studies, effective July 1, 1973.

41. Change of assignment for Richard W. Thomas from Instructor and Research Director for Media Project, Center for Urban Affairs, to Instructor, Department of Racial and Ethnic Studies, effective July 1, 1973.

42. Dual assignment for John Useem, Professor, to the Department of Sociology and the Department of Racial and Ethnic Studies, effective July 1, 1973.

43. Change of assignment for Cyril A. Akpom, Assistant Professor, from Health Services Education and Research and Center for Urban Affairs, to Health Services Education and Research, and Urban and Metropolitan Studies, effective July 1, 1973 through August 31, 1973.

44. Change of assignment for Manuel R. Alfaro, Jr. from Instructor and Chicano Project Planner, Center for Urban Affairs, to Instructor, Urban and Metropolitan Studies, effective July 1, 1973.

45. Transfer Patricia W. Barnes-McConnell, Assistant Professor, from the Center for Urban Affairs to Urban and Metropolitan Studies, effective July 1, 1973.

46. Change of assignment for George W. Fairweather, Professor, from Psychology and Center for Urban Affairs to Psychology and Urban and Metropolitan Studies, effective July 1, 1973.

47. Change of assignment for Thomas S. Gunnings from Professor and Assistant Dean for Student Affairs, College of Human Medicine, and Professor, Center for Urban Affairs, to Professor and Assistant Dean for Student Affairs, College of Human Medicine, and Professor, Urban and Metropolitan Studies, effective July 1, 1973.

48. Change of assignment for Maxie C. Jackson from Instructor and Assistant to Director for Administration, Center for Urban Affairs, to Assistant Professor, Urban and Metropolitan Studies and Center for Urban Affairs, and Assistant to Dean for Administration, College of Urban Development, effective July 1, 1973.

49. Change of assignment for George W. Logan from Assistant Professor and Coordinator, Urban Extension and Community Services, Center for Urban Affairs, to Assistant Professor, Urban and Metropolitan Studies, effective July 1, 1973.

50. Change of assignment for L. Eudora Pettigrew, Associate Professor, from the Center for Urban Affairs and the College of Education, to Urban and Metropolitan Studies and the College of Education, effective July 1, 1973.


52. Change of assignment for John H. Schweitzer, Assistant Professor, from the Center for Urban Affairs and Evaluation Services, to the Center for Urban Affairs, Evaluation Services, and Urban and Metropolitan Studies, effective July 1, 1973.

A. PERSONNEL CHANGES, continued

April 20, 1973

Transfers and Changes in Assignment

Louis G. Tornatzky

54. Change of assignment for Louis G. Tornatzky, Associate Professor, from Psychology and the Center for Urban Affairs, to Psychology and Urban and Metropolitan Studies, effective July 1, 1973.

Richard O. Niehoff

55. Change of assignment for Richard O. Niehoff from Professor, College of Education, and Assistant Dean, International Studies and Programs at a salary of $25,800 per year on a 12-month basis, to Professor, College of Education, only, at a salary of $20,640 per year on a 10-month basis, effective September 1, 1973.

Joseph D. Carruthers


Walter N. Mack

57. Change of assignment for Walter N. Mack, Professor, from Microbiology and Public Health, to Microbiology and Public Health and the Institute of Water Research, with an increase in salary to $18,000 per year on a 10-month basis, effective May 1, 1973.

James D. Shaffer


Russell J. Kleis


Ernest S. Wellhofer


Clinton A. Snyder


Edgar E. Knoebel


Jeanine L. Raby

63. Transfer Jeanine L. Raby from Office Assistant VII to Payroll Assistant AP-I, Comptroller's Office, with an increase in salary to $9,800 per year, effective March 15, 1973.

Jack Skidmore

64. Change Jack Skidmore, Manager, Fees and Scholarships, Comptroller's Office, from an AP-IV to an AP-VI, with an increase in salary to $12,810 per year, effective March 1, 1973.

Nancy M. Houston

65. Change of assignment for Nancy M. Houston from Associate Editor-Biology and Medicine, AP-VII, to Editor-Biology and Medicine, AP-VIII, Information Services, with an increase in salary to $17,200 per year, effective May 1, 1973.

Edna Buchanan

66. Transfer for Edna Buchanan from Office Assistant IX, Dean's Office, College of Natural Science, to Administrative Assistant AP-I, School of Nursing, with an increase in salary to $10,800 per year, effective April 1, 1973.

Salary Changes

1. Increase in salary for John B. Eulenberg, Visiting Assistant Professor, Linguistics and Oriental and African Languages, to $12,500 per year on a 10-month basis, effective April 1, 1973 through August 31, 1973.

2. Change in salary for Harvey A. Drapkin, Clinical Instructor, Osteopathic Medicine, from $100 to no salary, on a 12-month basis, effective July 1, 1972 through June 30, 1973.

3. Increase in salary for Hiram E. Fitzgerald, Associate Professor, Psychology, to $16,600 per year on a 10-month basis, effective May 1, 1973.

Appointments


2. Mary Ann Johnson, Extension Assistant, 4-H Youth Programs, at a salary of $9,000 per year on a 12-month basis, effective May 1, 1973.

3. James Elmer Thews, County Extension Director, Iron County, at a salary of $12,500 per year on a 12-month basis, effective May 1, 1973.


5. Deborah K. Johnson, Specialist, Agricultural Economics, at a salary of $9,000 per year on a 12-month basis, effective April 1, 1973 through June 30, 1973.


A. PERSONNEL CHANGES, continued

Appointments, continued

April 20, 1973

8. In-Cheol Kim, Research Associate, Biochemistry, at a salary of $8,500 per year on a 12-month basis, effective March 1, 1973 through February 28, 1974.

9. Lee Wilburt Jacobs, Assistant Professor, Crop and Soil Sciences, at a salary of $15,000 per year on a 12-month basis, effective July 1, 1973.


12. John E. Shelle, Specialist, University Farms, at a salary of $10,370 per year on a 12-month basis, effective July 1, 1973 through June 30, 1974.

13. Russell M. Horton, Instructor, English Language Center, at a salary of $1,500 for the period April 1, 1973 through June 30, 1973.

14. James B. Greene, Assistant Professor, Accounting and Financial Administration, at a salary of $14,800 per year on a 10-month basis, effective September 1, 1973.

15. John D. Marquardt, Assistant Professor, Accounting and Financial Administration, at a salary of $14,600 per year on a 10-month basis, effective September 1, 1973.

16. Norman P. Obst, Assistant Professor, Economics, at a salary of $15,500 per year on a 10-month basis, effective September 1, 1973.

17. Barbara A. O'Kelly, Instructor, Dean's Office, College of Communication Arts, 50% time, at a salary of $10,000 per year on a 12-month basis, effective March 1, 1973 through June 15, 1973.


22. David K. Roderick, Specialist, Computer Laboratory, at a salary of $10,300 per year on a 12-month basis, effective March 1, 1973.

23. Anne E. Nieberding, Specialist, Computer Institute for Social Science Research, at a salary of $9,000 per year on a 12-month basis, effective September 1, 1973 through August 31, 1974.

24. Karl M. Slrotkin, Specialist, Computer Institute for Social Science Research, at a salary of $10,000 per year on a 12-month basis, effective September 1, 1973 through August 31, 1974.


26. Pazfilo S. Belo, Research Associate, Food Science and Human Nutrition, at a salary of $8,300 per year on a 12-month basis, effective March 16, 1973 through March 15, 1974.


28. Paul R. Hollister, Assistant Professor, Medicine, at a salary of $22,750 per year on a 12-month basis, effective July 1, 1973.

29. Gordon D. Daugharty, Assistant Professor, Obstetrics, Gynecology and Reproductive Biology, and the MSU Health Center, at a salary of $35,000 per year on a 12-month basis, effective April 1, 1973 through June 30, 1973.

30. Donald R. Bennett, Adjunct Professor, Pharmacology, variable time, without pay, on a 12-month basis, effective July 1, 1973 through June 30, 1974.

31. John E. Thornburg, Instructor, Pharmacology, at a salary of $12,000 per year on a 12-month basis, effective June 1, 1973 through August 31, 1973.

32. Hugh A. Tilson, Research Associate, Pharmacology, at a salary of $8,500 per year on a 12-month basis, effective May 1, 1973 through June 30, 1973.
A. PERSONNEL CHANGES, continued

April 20, 1973

Appointments, continued

33. Andrzej T. Zielinski, Assistant Professor, Pharmacology, at a salary of $10,000 per year on a 12-month basis, effective June 1, 1973 through September 30, 1973.


35. Norbert E. Enzer, Professor and Chairman, Psychiatry, with tenure, at a salary of $45,000 per year on a 12-month basis, effective June 1, 1973.


37. 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 July 1, 1973 through June 30, 1974.

38. Elaine C. Yudashkin, Assistant Professor, Health Services Education and Research, at a salary of $18,700 per year on a 12-month basis, effective July 1, 1973 through June 30, 1974.


40. Robert Dale Lefever, Assistant Professor, Medical Education Research and Development, at a salary of $15,000 per year on a 12-month basis, effective July 1, 1973.

41. Thomas Tryon, Instructor, Medical Education Research and Development, at a salary of $12,400 per year on a 12-month basis, effective July 1, 1973 through June 30, 1974.

42. John N. Tinker, Assistant Professor, James Madison College, at a salary of $13,000 per year on a 10-month basis, effective September 1, 1973.

43. Indur M. Goklany, Research Associate, Biophysics, at a salary of $8,000 per year on a 12-month basis, effective March 16, 1973 through September 30, 1973.

44. Seikichi Izawa, Associate Professor, Botany and Plant Pathology, and the MSU/AEC Plant Research Laboratory, at a salary of $14,120 per year on a 12-month basis, effective April 1, 1973 through March 31, 1974.

45. Jan Kopcewicz, Research Associate, Botany and Plant Pathology, at a salary of $7,200 per year on a 12-month basis, effective April 15, 1973 through February 28, 1974.

46. Steven R. Brown, Research Associate, Chemistry, at a salary of $8,000 per year on a 12-month basis, effective March 1, 1973 through November 7, 1973.

47. Irene C. Wang, Research Associate, Chemistry, at a salary of $8,000 per year on a 12-month basis, effective April 1, 1973 through August 31, 1973.

48. Shui-Nee Chow, Assistant Professor, Mathematics, at a salary of $12,000 per year on a 12-month basis, effective September 1, 1973.


50. Joe Leonard Mott, Visiting Professor, Mathematics, at a salary of $22,000 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.

51. Koichi Oguchi, Visiting Assistant Professor, Mathematics, at a salary of $11,000 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.

52. John Philip Holden, Consultant, Physics, 50% time, at a salary of $1,250 for the period April 1, 1973 through June 30, 1973.

53. Paul F. Kunz, Assistant Professor, Physics, at a salary of $12,000 per year on a 12-month basis, effective July 1, 1973 through June 30, 1974.

54. Orilla Ann McHarris, Assistant Professor, Physics, 50% time, at a salary of $2,000 for the period April 1, 1973 through June 30, 1973.

55. William A. Morris, Research Associate, Physics, at a salary of $10,000 per year on a 12-month basis, effective April 1, 1973 through March 31, 1974.

56. Benedict Y. Oh, Assistant Professor, Physics, at a salary of $13,350 per year on a 12-month basis, effective September 1, 1973 through August 31, 1974.

57. Ronald A. Sidwell, Research Associate, Physics, at a salary of $900 per month on a 12-month basis, effective June 1, 1973 through May 31, 1974.

58. Nicholas de Takacsy, Visiting Assistant Professor, Physics-Cyclotron, at a salary of $1,400 per month on a 12-month basis, effective May 16, 1973 through June 15, 1973.
Appointments, continued

59. Akio Kobayashi, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of $9,000 per year on a 12-month basis, effective April 16, 1973 through March 15, 1974.

60. Fred C. Timning, Associate Professor, Community Medicine; and Director, Office of Staff Resources, Dean's Office, College of Osteopathic Medicine, at a salary of $24,500 per year on a 12-month basis, effective July 1, 1973.

61. Pamela Jean Fraker, Assistant Professor, Biochemistry, at a salary of $16,200 per year on a 12-month basis, effective September 1, 1973.


64. Waldo E. Frankenstein, Clinical Assistant Professor, Family Medicine, variable time, without pay, on a 12-month basis, effective March 1, 1973 through February 29, 1976.

65. Augustine L. Perrotta, Clinical Assistant Professor, Osteopathic Medicine, variable time, without pay, on a 12-month basis, effective March 1, 1973 through July 1, 1973.

66. Gary Monroe Olson, Assistant Professor, Psychology, at a salary of $13,000 per year on a 10-month basis, effective September 1, 1973.

67. Malcolm C. Drumond, Adjunct Associate Professor, Urban Planning and Landscape Architecture, variable time, without pay, on a 10-month basis, effective March 15, 1973 through June 30, 1974.

68. Nancy L. Bunge, Assistant Professor, American Thought and Language, at a salary of $11,500 per year on a 10-month basis, effective September 1, 1973.

69. Ethel Campbell, Instructor and Assistant Director of Comprehensive English, American Thought and Language, at a salary of $9,500 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.


71. Lawrence R. Tharp, Assistant Professor, Social Science, at a salary of $11,500 per year on a 10-month basis, effective September 1, 1973.

72. Ferry J. Gehring, Adjunct Associate Professor, Pharmacology, variable time, without pay, on a 12-month basis, effective July 1, 1973 through June 30, 1974.

73. Duncan A. McCarthy, Jr., Adjunct Professor, Pharmacology, variable time, without pay, on a 12-month basis, effective July 1, 1973 through June 30, 1974.

74. James B. Weeks, Adjunct Professor, Pharmacology, variable time, without pay, on a 12-month basis, effective July 1, 1973 through June 30, 1974.

75. Gordon A. Campbell, Research Associate, Physiology, at a salary of $7,250 per year on a 12-month basis, effective March 1, 1973 through March 31, 1973.

76. Christine S. F. Williams, Assistant Professor of Comparative Medicine, Center for Laboratory Animal Resources, at a salary of $13,000 per year on a 12-month basis, effective July 1, 1973.

77. Donald L. Smith, Associate Professor, Highway Traffic Safety Center, and Secondary Education and Curriculum, at a salary of $27,500 per year on a 12-month basis, effective June 1, 1973.

78. Jeffrey M. Schneider, Research Associate, Center for Urban Affairs, at a salary of $1,000 per month on a 12-month basis, effective March 16, 1973 through June 30, 1973.

79. Henry N. Yape, Librarian, Libraries, at a salary of $9,000 per year on a 12-month basis, effective March 1, 1973.


81. Ronald L. Shelton, Associate Professor, Resource Development, and Urban Planning and Landscape Architecture, at a salary of $19,000 per year on a 12-month basis, effective April 23, 1973.

On motion by Trustee Carrigan, seconded by Trustee Merriman, it was unanimously voted to approved the Resignations, Leaves, Transfers and Changes in Assignment, Salary Changes, and Appointments. Trustee Carrigan pointed out items 105 through 110 in Transfers and Changes in Assignment in no way related to any recommendations in the Robert H. Hayes & Associates Administrative-Professional report. Trustee Carrigan also asked if we are on time in the selection of a dean for the College of Urban Development and was informed by Provost Cantlon that the name of the nominees will probably be submitted to the Trustees in June, but at least by fall. Trustee Martin asked what the charge to the selection committee would be and Provost Cantlon enumerated several of the qualifications of a dean.
A. PERSONNEL CHANGES, continued

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Department</th>
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<tbody>
<tr>
<td>April 20, 1973</td>
<td>George K. Dike</td>
<td>Agricultural Economics</td>
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<td></td>
<td>John T. Huber</td>
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<td>John A. Speicher</td>
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<td>Alan W. Sliker</td>
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<td>H. Paul Rasmussen</td>
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<td>Ethel J. Armeling</td>
<td>Music</td>
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<td>Robert G. Sidnell</td>
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<td>Joseph F. Hanna</td>
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<td>Ann T. Harrison</td>
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<td></td>
<td>Laurence M. Porter</td>
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<td>Gary Stone</td>
<td>Accounting and Financial Administration</td>
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<td>Henry L. Tosi</td>
<td>Management</td>
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<td>Frank R. Bacon</td>
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<td>Randall P. Harrison</td>
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<td>George A. Hough</td>
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<td>Harvey F. Clarizio</td>
<td>Counseling, Personnel Services, and Educational Psychology</td>
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<td>Keith F. Anderson</td>
<td>Secondary Education and Curriculum</td>
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<td>Robert Summitt</td>
<td>Metallurgy, Mechanics, and Materials Science</td>
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<td>Thomas W. Jenkins</td>
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<td>W. Donald Weston</td>
<td>Dean's Office; Psychiatry; Office of Health Services</td>
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<td>Ray E. Helfer</td>
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<td>Ching-chung Chou</td>
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<td>Thomas R. Emerson</td>
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<td>Horacio Fábrega, Jr.</td>
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<td>W. Fred Graham</td>
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<td>Gabor Kemeny</td>
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<td>Dean L. Haynes</td>
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<td>Ronald E. Monroe</td>
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<td>Jack Bass</td>
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<td>George F. Bertsch</td>
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<td>Philip Filser</td>
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<td>Alfred Haug</td>
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<td>Derek T. Lamport</td>
<td>AEC Plant Research Laboratory</td>
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<td>Glenn D. Berkeheimer</td>
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<td>James Stapleton</td>
<td>Statistics and Probability</td>
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<td>Samuel H. Black</td>
<td>Microbiology and Public Health</td>
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<td>Ellen Mickielics</td>
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<td>Glenn I. Hatton</td>
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<td>Theodore R. Chavis</td>
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<td>Joseph T. Cox</td>
<td>Urban Planning and Landscape Architecture;</td>
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<td>Cooperative Extension Service</td>
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<td>Gains Tenure 9-1-73</td>
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</tbody>
</table>
A. PERSONNEL CHANGES, continued

Academic Promotions, continued

TO PROFESSOR, continued

University College

Mary E. Tompkins
Alain F. Corcos
Lois J. Zimring

Veterinary Medicine

Al W. Stinson
Byram Kitchen

Miscellaneous

Wilfred Veenendaal
Charles E. Cleland

TO ASSOCIATE PROFESSOR

Agriculture and Natural Resources

Kelly M. Harrison
Allan E. Shapley
Larry J. Segerlind
Steven B. Aust
Donald R. Christenson
James M. Tiedje
Maurice L. Vitosh
Edward M. Convey
Julian J. Kielbaso
Robert L. Anderson
Robert C. Hermer
Gordon S. Howell
Richard J. Aulerich
Ekhart Dersch

Arts and Letters

Melvin Leiserowitz
Richard E. Benvenuto
Douglas Lawder
Jay B. Ludwig
Victor R. Paamane
Kurt W. Schild
Munir Sendich
William O. McCagg, Jr.
Gordon T. Stewart
James F. Wang
Dennis Burke
Jere T. Hutcheson
Donald F. Koch

Communication Arts

Daniel S. Beasley
Patricia S. Walsh

Education

Philip A. Custek
Frederick Ignatovich
Walter G. Hapkiewicz
James Anderson
William L. Cole
George V. Gore
John J. Cragun
E. Bradley West

Engineering

Robert F. Blanks
Hans E. Lea
Morteza A. Rahimi
George M. VanDusen
Peter D. Fisher
Ronald L. Kerber

# Gains Tenure 9-1-73
+ Gains Tenure
A. PERSONNEL CHANGES, continued

Academic Promotions, continued

TO ASSOCIATE PROFESSOR, continued

Human Ecology
- Mary E. Zabik
- Richard L. Graham

Human Medicine
+ Michael D. Baillie
+ Roger E. Ferguson
+ Lubomir J. Valenta
+ Cyril A. Akpom
+ Joseph A. Papaditros
+ Su-I Wah Chan
+ Margaret E. Jones
+ Joan C. Mattson
+ Lionel W. Rosen
+ Dan C. English

Human Development; Physiology
Food Science and Human Nutrition
Human Environment and Design

Lyman Briggs College
+ Robert E. Snow

Natural Science
- Thomas R. Stoekley
- William G. Fields
- Alan L. Jones
- Robert H. Grubbs
+ James F. Harrison
- Michael W. Rachke
- Wellington H. Ow
- Robert R. Brubaker
- Billie D. Gamble
- Ruth Johnston
+ Robert G. Staudte

Astronomy
Botany and Plant Pathology
Chemistry
Chemistry
Mathematics
Microbiology and Public Health
Nursing
Statistics and Probability

Osteopathic Medicine
+ Burnell H. Selleck

Physiology

Social Sciences
+ William Derman
+ Jay R. Harman
+ Michael L. Moore
+ David W. Rohde
+ Frank L. Schmidt
+ Phyllis F. Evans
+ William L. Evans
+ Bernard M. Finifter

Anthropology
Astronomy
Labor and Industrial Relations
Political Science
Psychology
Social Work
Sociology

University College
- William Chamberlain
- William Kilbourne
- Ronald R. Nelson
- Einar S. Misula
- R. Craig Phillips
- James W. Atkinson
- Edward Douglas
+ Barry N. Stein
+ Mary M. Zenglein

American Thought and Language
Anthropology
Astronomy
Labor and Industrial Relations
Political Science
Psychology
Social Work

Veterinary Medicine
+ Albert W. Dade
George E. Eyster

Pathology
Small Animal Surgery and Medicine

Miscellaneous
+ Kenneth Verburg
+ Louis Tornatzky
+ Thomas G. Bahr
+ Frank W. D'Intri
+ Arnold Berkman

Institute for Community Development
Urban and Metropolitan Studies; Psychology
Institute of Water Research; Fisheries and Wildlife
Institute of Water Research; Fisheries and Wildlife
Counseling Center

# Gains Tenure 9-1-73
+ Gains Tenure
Academic Promotions, continued

TO ASSISTANT PROFESSOR

Business

Daniel H. Saks  
Economics; Urban and Metropolitan Studies

Engineering

Floyd E. LeCureux  
Computer Science; Engineering Instructional Services

Human Ecology

Lillian D. Greene  
Human Environment and Design
Thomas R. A. Kuester  
Human Environment and Design

Natural Science

Brigid A. Warren  
Nursing

Veterinary Medicine

Martha T. Thomas  
Pathology
Ralph M. McGovney  
Small Animal Surgery and Medicine

Miscellaneous

Maxie C. Jackson  
Center for Urban Affairs; Urban and Metropolitan Studies

Motion was made by Trustee Thompson, seconded by Trustee Merriman to approve the promotions.

Trustee Carrigan expressed disappointment in the promotion recommendations in terms of the small proportion of women being promoted. Provost Cantlon informed her that in the near future he will be asking the departments to take a close look for any faculty salaries that are not anomalous within the unit, and as part of that review, he will also ask if an anomalously low salary was an ingredient in the promotion decision. Trustee Huff stated he was concerned about the names that do not appear on the list. Trustee Stevens asked what is being done to promote an affirmative action program in the departments which still demonstrate only a token representation of perhaps one minority or one woman. Provost Cantlon responded that he reviews all vacancies and if they occur in departments that are not meeting their equal opportunity goals, he requires them to engage in a good faith search. These goals are screened annually and discussed with the deans. He also described efforts to recruit graduate students into such areas as engineering, agriculture, and business in order to generate more prospects among minority groups.

President Wharton pointed out that it is only in the Assistant Professor-to-Associate Professor category that the rate is down, and that it is incorrect to assume that in any given year you are going to have a constant percentage because there are different individuals within each category in different stages of the tenure process. Trustee Carrigan stated that the latest overall figure for female faculty, reported by Vice President Perrin in February, was 12.2%, while the promotion list shows that only a little over 10% of the promotions went to women. President Wharton also mentioned that the percentage increase last year was higher.

Trustee Carrigan remarked that she was concerned about whether we need to put some teeth into the affirmative action program in order to meet the goals that were defined. Vice President Perrin reminded the Trustees that there are promotions almost every month and for the year thus far, the promotion rate for women is actually running about 13%.

Trustee Stack stated that part of the concern is that there are departments where it is difficult for women to gain entry into the department. President Wharton pointed out that while, as Mr. Huff mentioned, 32% of MSU's graduate students are women, this is producing a pool to be fed into the instructor and assistant professor level where the promotion rate now is 37%. Trustee Stack suggested a question to be asked of department chairmen is whether they are doing something in the educational field to eliminate the lack of supply of women faculty.

President Wharton added that in addition to reporting to the Trustees the procedures and processes that have been used, these actions have to be monitored for federal agencies.

Trustee Martin expressed concern that the affirmative action needs of minorities not be neglected and asked for a report on how minorities had fared on the promotion list.

Trustee Thompson's motion passed by a vote of 5 "Yes" and 3 abstentions. Trustees Carrigan, Huff, and Stevens abstained.
Recommendations from the Director of Personnel

A. PERSONNEL CHANGES, continued

April 20, 1973

Recommendations from the Director of Personnel

1. Transfer 2 Computer Operator Programmer Grade M positions from the labor payroll to the salary payroll and reclassify to Programmer AP-I positions for the Agricultural Experiment Station.

2. For 4-H Youth Programs:
   a. Establish an Office Assistant IX position
   b. Establish an Office Assistant VII position
   c. Establish 2 4-H Youth Program Assistant positions

3. Reclassify a Livestock Performance Technician X to a Livestock Performance Technician, Sr. XII position for the Department of Animal Husbandry.

4. Reclassify a Senior Clerk IV to a Senior Clerk-Steno V position for the Department of English.

5. Reclassify a Clerk-Steno III to a Departmental Secretary V position for the Department of Human Environment and Design.

6. For the Office of the Dean, College of Human Medicine:
   a. Transfer a Clerk, Principal, Grade I position from the labor payroll to the salary payroll and reclassify to a Principal Clerk VI position
   b. Transfer a Clerk V, Grade E position from the labor payroll to the salary payroll and reclassify to a Senior Clerk Typist V position
   c. Establish a Departmental Secretary V position.

7. Reclassify an Entomology Technician VIII to an Entomology Technician, Senior IX position for the Department of Entomology.

8. Reclassify a Clerk-Steno III to a Senior Clerk-Steno V position for the Department of Geology.

9. Reclassify a Principal Clerk VI to a Senior Departmental Secretary VII position for the School of Criminal Justice.

10. For the Libraries:
    a. Reclassify a Library Clerk I to a Principal Clerk VI position
    b. Reclassify a Library Clerk I to a Senior Library Clerk IV position.

11. Reclassify a Senior Clerk Steno V to a Principal Clerk VI position for Television Broadcasting.

12. For Instructional Television Service:
    a. Establish a Television Engineer X position
    b. Establish a Television Design and Graphics Assistant VIII position
    c. Reclassify a Senior Production Assistant X to a Senior Production Associate XII position
    d. Reclassify a Production Assistant X to a Production Associate XI position
    e. Reclassify 3 Production Specialist VIII to Production Assistant IX positions
    f. Transfer an Electrical Equipment Technician Grade OA from the labor payroll to the salary payroll and reclassify to a Television Engineer X position.

13. Reclassify a Principal Clerk VI to an Office Assistant VII position for the Comptroller.


15. Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position for the Vice President for Student Affairs.

16. For the Division of Residence Hall Programs:
    a. Reclassify a Principal Clerk VI to a Senior Departmental Secretary VII position
    b. Reclassify 2 Clerk-Steno III to Departmental Secretary V positions.

17. Establish a Counselor AP-I position for the Counseling Center.

18. For Alumni Relations and the MSU Development Fund:
    a. Reclassify a Principal Clerk VI to an Office Assistant VII position
    b. Reclassify a Clerk-Typist II to a Senior Clerk IV position

19. For Information Services:
    a. Establish an Environmental Quality Editor AP-VIII position
    b. Reclassify a Clerk-Typist II to a Senior Clerk IV position

20. For the Department of Human Relations:
    a. Reclassify a Senior Clerk Steno V to a Senior Departmental Secretary VII position
    b. Reclassify 2 Departmental Secretary V to Senior Departmental Secretary VII positions.

On motion by Trustee Stevens, seconded by Trustee Huff, it was unanimously voted to approve the Recommendations from the Director of Personnel.

Retirements:

<table>
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<tr>
<th>Name</th>
<th>Position</th>
<th>Date of Retirement</th>
<th>Reason for Retirement</th>
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<tbody>
<tr>
<td>Marie Froscheiser</td>
<td>Food Service Supervisor, Kellogg Center</td>
<td>February 1, 1973</td>
<td>Effective</td>
</tr>
<tr>
<td>Carl S. Gerlach</td>
<td>Professor Emeritus, Department of Urban Planning and Landscape Architecture</td>
<td>July 1, 1973</td>
<td>Effective</td>
</tr>
<tr>
<td>Beatrice F. Leonardson</td>
<td>Assistant Professor Emeritus, Office of the Dean, College of Human Ecology</td>
<td>July 1, 1973</td>
<td>Effective</td>
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</tbody>
</table>

Retirements:

1. Disability retirement for Marie Froscheiser, Food Service Supervisor, Kellogg Center, effective February 1, 1973. Mrs. Froscheiser was born October 13, 1915 and has been employed by the University since October 24, 1951.

2. Retirement of Carl S. Gerlach as Professor Emeritus, Department of Urban Planning and Landscape Architecture, effective July 1, 1973. He was born July 30, 1908 and has been a member of the faculty since September 1, 1937.

3. One-year consultantship with agreed-upon duties and responsibilities for Beatrice F. Leonardson, Assistant Professor and Coordinator for Continuing Education, Office of the Dean, College of Human Ecology, from July 1, 1973 to June 30, 1974, and retirement as Assistant Professor Emeritus effective July 1, 1974. Mrs. Leonardson was born June 3, 1911 and has been a member of the faculty since July 1, 1943.
A. PERSONNEL CHANGES, continued

April 20, 1973

Retirements, continued

4. One-year consultantship with agreed-upon duties and responsibilities for William F. McLlrath, Lecturer, Department of Journalism, and Director of Student Publications, Office of the Dean, College of Communication Arts, from July 1, 1973 to June 30, 1974, and retirement as Lecturer Emeritus effective July 1, 1974. Mr. McLlrath was born December 9, 1908 and has been a member of the faculty since July 16, 1950.

5. Retirement of Elizabeth E. Nickell, Extension Home Economist, Cooperative Extension Service, effective May 1, 1973. Mrs. Nickell was born August 24, 1908 and has been a member of the faculty since July 1, 1956.

6. Retirement of Merle Spangler, Maintenance Mechanic, Physical Plant Division, effective July 1, 1973. Mr. Spangler was born December 18, 1908 and has been employed by the University since February 9, 1953.

7. Retirement of Antonija W. Strauts, Housekeeper, Williams Dormitory, effective May 1, 1973. Mrs. Strauts was born September 10, 1910 and has been employed by the University since May 8, 1951.

8. One-year consultantship with agreed-upon duties and responsibilities for Arnold Williams, Professor, Department of English, from July 1, 1973 to June 30, 1974, and retirement as Professor Emeritus effective July 1, 1974. Professor Williams was born December 24, 1907 and has been a member of the faculty since September 1, 1939.

9. Retirement of George S. McIntyre, Professor and Assistant Dean, College of Agriculture and Natural Resources, and Director of the Cooperative Extension Service, effective July 1, 1973. Mr. McIntyre was born June 10, 1909, served on the University staff as County Agricultural Agent and Dairy Extension Specialist between 1932 and 1946, and rejoined the University on October 1, 1965.

On motion by Trustee Stevens, seconded by Trustee Merriman, the Retirements were unanimously approved. Trustee Huff noted that Mr. McIntyre had been an excellent administrator of the Cooperative Extension program.

Deaths:

1. Report of the death of Jacqueline Dean, Senior Clerk Stenographer, Dean of Students Office, on April 3, 1973. Mrs. Dean was born October 23, 1946 and had been employed by the University since September 4, 1968.

2. Report of the death of David R. Campbell on April 7, 1973. Mr. Campbell was born February 15, 1907, was employed by the University on November 2, 1950, and was assigned to Dormitories and Food Services at the time of his retirement on April 1, 1971.

B. GIFTS AND GRANTS

1. Gift of 20 chinchillas valued at $600 from David Moss, Laingsburg, to be used under the direction of R. J. Aulerich in Poultry Science to improve the chinchilla herd.

2. Gift of 9 Filters, band pass, with a total value of $3,643 from the National Science Foundation to be used for research under the direction of Herman E. Koenig in Electrical Engineering and Systems Science.

3. Gift of 100 rolls of adhesive rubber tape valued at $328 from the National Aeronautics and Space Administration, Cleveland, Ohio, to be used for research under the direction of John Foss in Mechanical Engineering.

4. Gift of a lens, cone assembly valued at $1,494, 2 rolls of electrical wire valued at $60, and an amplifier, low level, valued at $900 from the National Science Foundation to be used for research under the direction of Merle C. Potter in Mechanical Engineering.

5. Gift of cassette tape equipment valued at $5,000 from the Raytheon Data Systems Company, Norwood, Massachusetts, to be used as an attachment to the Raytheon 706 computer under the direction of Albert P. Linnell in the Department of Astronomy.

6. Gift of valves, gages, temperature electric indicators, and teletypewriter tape with a total value of $3,228.76 from the Office of Naval Research, Resident Representative, Ann Arbor, to be used for research under the direction of George Leroi in the Department of Chemistry.

7. Gift of regulating valves, impedance bridge, "Q" meter, and screens with a total value of $4,653.90 from the National Science Foundation to be used for research under the direction of Richard Miller in the Department of Chemistry.

8. Gift of an "AVR" mechanical ventilator valued at $350 from Howard DeYoung, Bridgeport, to be used in the Teaching Lab. under the direction of W. F. Keller in Small Animal Surgery and Medicine.
Gifts and Grants

9. Grants to be used for scholarship purposes as follows:
   a. $100 from Mr. and Mrs. N. Paul Sweany, East Lansing, to encourage students to enroll in agricultural education
   b. $500 from the Textron Charitable Trust, Pittsburgh, Pennsylvania, to provide an award for a student in the Department of Forestry.
   c. $100 from W. Atlee Burpee Co., Philadelphia, Pennsylvania, for the Burpee Annual Award in Horticulture
   d. $4,100 from the Ellen E. Fox Trust Fund, Chicago, Illinois, for the W. R. Brown Engineering Scholarship Fund
   e. $1,000 from the Michigan State Bar Foundation, Lansing, to sponsor an intern in the office of the U.S. Supreme Court Chief Justice Warren E. Burger, the program to be administered by the Field Experience Program of James Madison College.
   f. $276, 740 from the U.S. Department of Justice to be used for the Law Enforcement Education Program for grants and loans for students studying in the School of Criminal Justice or related fields
   g. $10,000 from the Henry Strong Educational Foundation, Chicago, Illinois, for loans to students under the established guidelines of the Henry Strong Loan Fund
   h. $8.39 from the Estate of Lucile Kays Millar, royalty payments for the period ending December 31, 1972, for use per instructions in the will of Lucile Kays Millar
   i. $5 from Robert N. Thomas, East Lansing, as a contribution to the Latin American Research Fund
   j. $19.25 from John R. Winchester, East Lansing, as a contribution to the North American Indian Scholarship Fund
   k. $25 from Eric F. Edwards, Washington, D.C., as a contribution to the MSU Grant Fund
   l. $1,000 from Ward A. Fredericks, Des Moines, Iowa, to establish a scholarship which will annually enable one or more students to continue their education at Michigan State University
   m. $43.94 from D. C. Heath & Co., Lexington, Massachusetts, as a contribution to the Manpower Studies Scholarship Fund

10. Grants as follows to the MSU Development Fund:
   a. $10,000 from Mrs. Gladys Olds Anderson for the John A. Hannah Professorships
   b. $400 from various donors for supplement of publications and grant-in-aid for the Department of Crop and Soil Sciences
   c. $75 from various donors to be deposited in the Special Deposits Account for Fisheries and Wildlife
   d. $150 from various donors for the Forestry-Faculty account
   e. For the String Scholarship Fund: $50 from T. C. and Elizabeth R. Cobb
   f. $917.95 from various donors
   g. For the College of Engineering - Dean's Discretionary Fund: $500 from T. C. and Elizabeth R. Cobb
   h. $5 from Mrs. Milton E. Bachman, East Lansing
   i. $5 from Mrs. Robert T. Anderson
   j. $10 from Robert K. Shoemaker, Minneapolis, Minnesota, for the Office of Volunteer Programs
   k. 5 shares of S. S. Kresge stock valued at $242.50 from Donald W. Schreiner, Highland Park, for the MSU Development Fund Unrestricted account.
11. Grant of $7,000 from County of Berrien, Commissioners, St. Joseph, Michigan, to be used under the direction of G. S. McIntyre in the Cooperative Extension Service to cover part of the salary of an additional Extension Agent assigned to Berrien County for the period January 1, 1973 through December 31, 1973.

12. $7,000 from County of Ingham, Commissioners, Mason, Michigan, to be used under the direction of G. S. McIntyre in the Cooperative Extension Service to cover part of the salary of an additional Extension Agent assigned to Ingham County for the period January 1, 1973 through December 31, 1973.

13. Grant of $16,000 from County of Macomb, Commissioners, Mount Clemens, Michigan, to be used under the direction of G. S. McIntyre in the Cooperative Extension Service to cover part of the salary of an additional Extension Agent assigned to Macomb County for the period January 1, 1973 through December 31, 1973.

14. Grant of $2,500 from County of Mecosta, Commissioners, Big Rapids, Michigan, to be used under the direction of G. S. McIntyre in the Cooperative Extension Service to cover part of the salary of an additional Extension Agent assigned to Mecosta County for the period January 1, 1973 through December 31, 1973.

15. Grant of $6,000 from County of Oceana, Commissioners, Hart, Michigan, to be used under the direction of G. S. McIntyre in the Cooperative Extension Service to cover part of the salary of an additional Extension Agent assigned to Oceana County for the period January 1, 1973 through December 31, 1973.

16. Grant of $2,000 from Midwest Universities Consortium for International Activities, Inc., East Lansing, Michigan, to be used under the direction of L. Witt in the Department of Agricultural Economics to provide operating budget for International Rural Development Council.

17. Grant of $7,000 from American Farm Bureau Research, Park Ridge, Illinois, to be used under the direction of C. M. Hansen in the Department of Agricultural Engineering to support on-going asparagus research projects in agricultural engineering.

18. Grant of $4,000 from Michigan Animal Breeders Cooperative, East Lansing, Michigan, to be used under the direction of T. R. Greathouse in the Department of Animal Husbandry to improve conception rate in artificial insemination of beef cattle under normal farm or ranch conditions.

19. Grant of $6,400 from National Pork Producers Council, Des Moines, Iowa, to be used under the direction of R. A. Merkel in the Department of Animal Husbandry to study adrenal cortical function in relationship to stress susceptibility or resistance in pigs.

20. Grant of $166.60 from Dow Chemical Company, Midland, Michigan, to be used under the direction of A. R. Wolcott in the Department of Crop and Soil Sciences as an unrestricted grant.

21. Grant of $5,855.75 from Michigan Crop Improvement Association, to be used under the direction of E. C. Rossman in the Department of Crop and Soil Sciences to continue present corn breeding research program.

22. Grant of $1,182 from Oceana County, Hart, Michigan, to be used under the direction of E. F. Whiteside in the Department of Crop and Soil Sciences to enlarge the soil map and reproduce copies of each map sheet after the completion of the field work.

23. Grant of $200 from Soybean Research Foundation, Mason City, Illinois, to be used under the direction of T. J. Johnston in the Department of Crop and Soil Sciences to test commercial soybean varieties.

24. Grant of $100 from L. Teweles Seed Co., Clinton, Wisconsin, to be used under the direction of D. D. Harpstead and T. J. Johnston in the Department of Crop and Soil Sciences to test commercial soybean varieties.

25. Grant of $29,766 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of E. M. Convey in the Department of Dairy Science to investigate factors regulating release from the anterior pituitary and its disappearance from the circulation in the bovine.

26. Grant of $5,000 from Ruminant Nitrogen Products Company, Adrian, Michigan, to be used under the direction of J. T. Huber in the Department of Dairy Science to compare gassed silage with silages treated with similar levels of an ammonia additive.

27. Grant of $150 from Stroh Brewery Company, Detroit, Michigan, to be used under the direction of N. R. Revern in the Department of Fisheries and Wildlife to support expenses associated with the Third Annual Central Students Conclave.

28. Grant of $42,708 from General Foods Corporation, Battle Creek, Michigan, to be used under the direction of M. G. Yang and D. Romsos in the Department of Food Science and Human Nutrition to determine the effects of diets made primarily from animal or plant sources, or both, on metabolism.
29. Grant of $42,708 from Quaker Oats Company, Barrington, Illinois, to be used under the direction of M. G. Yang and D. Romsos in the Department of Food Science and Human Nutrition to determine the effects of diets made primarily from animal or plant sources, or from both, on metabolism.

30. Grant of $5,000 from Milk Proteins, Inc., Detroit, Michigan, to be used under the direction of C. M. Stine in the Department of Food Science and Human Nutrition to support research project in the field of enzymatic alteration of edible proteins and interactions of proteins during processing.

31. Grant of $8,000 from American Farm Bureau Research Foundation, Park Ridge, Illinois, to be used under the direction of H. Price in the Department of Horticulture to support on-going asparagus research projects in horticulture and plant pathology.

32. Grant of $300 from BASF Wyandotte Corporation, Pipingtown, New Jersey, to be used under the direction of A. R. Putnam in the Department of Horticulture to support on-going research on weed control performance and crop safety with BASF herbicides.

33. Grant of $7,500 from General Electric Foundation, Bridgeport, Connecticut, to be used under the direction of W. J. Carpenter in the Department of Horticulture to support on-going graduate study and research in plant growth under controlled light and nutrient conditions.

34. Grant of $500 from Gerber Products Company, Fremont, Michigan, to be used under the direction of R. F. Carlson in the Department of Horticulture to support continuing research on tree fruit rootstock.

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

36. Grant of $8,000 from Rohm and Haas Company, Philadelphia, Pennsylvania, to be used under the direction of A. R. Putnam in the Department of Horticulture to support on-going herbicide research relating to horticultural crops.

37. Grant of $31.35 from Dow Chemical Company, Midland, Michigan, to be used under the direction of J. W. Goff in the School of Packaging as an unrestricted grant.

38. Grant of $430.05 from Sterling Faucet Company, Morgantown, West Virginia, to be used under the direction of J. W. Goff in the School of Packaging to conduct basic research in the control of loss and damage in distribution.

39. Grant of $60,000 from Upper Great Lakes Regional Commission, Duluth, Minnesota, to be used under the direction of L. W. Moncrief in the Department of Park and Recreation Resources to identify potential business opportunities in the Upper Great Lakes Region of Michigan, general feasibility and location studies, preliminary planning and design services, all inputs of recruitment process.

40. Grant of $3,000 from Big Dutchman, Div. of U.S. Ind., Inc., Zeeland, Michigan, to be used under the direction of J. H. Wolford in the Department of Poultry Science to secure answers to questions relative to raising market and breeder turkeys in cages and recycling dried turkey waste in turkey feeds.

41. Grant of $130,195 from Environmental Protection Agency, Washington, D.C., to be used under the direction of H. C. Zindel in the Department of Poultry Science for demonstration of the handling, dehydrating, and utilization of poultry excreta.

42. Grant of $2,500 from AAHPER (National Education Association), Washington, D.C., to be used under the direction of J. W. Smith in the Department of Administration and Higher Education for supplies, equipment and services needed for the operation of the Outdoor Education Project.
48. Grant of $70 from various donors to be used under the direction of N. Eagan in the Department of Counseling, Personnel Services and Educational Psychology for interpersonal process recall research.

49. Grant of $115,616 from U.S. Office of Education, Department of Health, Education and Welfare, Washington, D.C., to be used under the direction of J. A. Wessel in the Department of Health, Physical Education and Recreation to develop individualized phonemic materials for handicapped including a competency based teacher training program; to implement and evaluate the I CAN Program; to recycle and revise the program; and to produce and disseminate the I CAN Program.

50. Grant of $50,000 from Agency for International Development, Washington, D.C., to be used under the direction of C. S. Brembeck in the Institute for International Studies in Education as an extension of the existing contract for the payment of salaries and report-preparation and publication.

51. Grant of $4,630 from Midwest Universities Consortium for International Activities, Inc., East Lansing, Michigan, to be used under the direction of T. Ward in the Institute for International Studies in Education as an operating budget for the Council on International Education.

52. Grant of $980 from Midwest Universities Consortium for International Activities, Inc., East Lansing, Michigan, to be used under the direction of L. McKinney in the Institute for International Studies in Education as supplemental funds for a graduate student internship.

53. Grant of $4,610 from Owens-Illinois, Toledo, Ohio, to be used under the direction of L. W. Von Tersch in the College of Engineering for the Engineering Equal Opportunity Program.

54. Grant of $7,000 from Michigan Heart Association, Southfield, Michigan, to be used under the direction of D. K. Anderson and J. B. Scott in the Division of Engineering Research to continue studies on the effect of blood composition on local regulation of flow; the role of blood ions in the contractile mechanism of the heart.

55. Grant of $2,500 from Dow Chemical Company, Midland, Michigan, to be used under the direction of M. H. Chetrick in the Department of Chemical Engineering as an unrestricted grant.

56. Grant of $1,000 from Dow Chemical USA, Midland, Michigan, to be used under the direction of R. W. Little in the Department of Mechanical Engineering for instruction and research.

57. Grant of $6,800 from MERIT Computer Network, Detroit, Michigan, to be used under the direction of H. Eick in the Computer Laboratory for MICIS-MERIT three-university computer development.

58. Grant of $12,340 from Michigan Department of Labor, Lansing, Michigan, to be used under the direction of B. Paolucci in the Department of Family and Child Sciences to provide training for Head Start personnel in Michigan.

59. Grant of $17,230 from American Home Economics Association, Washington, D.C., to be used under the direction of B. Paolucci in the Department of Family Ecology for the Institute in International Family Planning.

60. Grant of $10,000 from The Ford Foundation, New York, New York, to be used under the direction of J. Eicher in the Department of Human Environment and Design to prepare a book on Nigerian handcrafted textiles, including a history and analysis of their social significance in contemporary Nigeria for use in Nigerian universities, secondary schools and museums as well as for larger African and American public interested in African crafts.

61. Grant of $43,13 from Ann Arbor-Detroit-East Lansing-Toledo Chapter, American Federation for Clinical Research to be used under the direction of A. D. Hunt in the College of Human Medicine as an unrestricted grant.

62. Grant of $100 from Merrell-National Laboratories, Cincinnati, Ohio, to be used under the direction of A. D. Hunt in the College of Human Medicine as an unrestricted grant.

63. Grant of $397.23 from Michigan Heart Association, Southfield, Michigan, to be used under the direction of A. D. Hunt in the College of Human Medicine as an unrestricted grant.

64. Grant of $29,820 from National Institutes of Health, Bethesda, Maryland, to be used under the direction of D. Weston in the College of Human Medicine for a comparative study of the organizational structure and management system at Michigan State University and the University of Pittsburgh.

65. Grant of $11,121 from Michigan Heart Association to be used under the direction of G. Tishkoff in the Department of Medicine to study blood clotting mechanisms regulating thrombosis.
66. Grant of $7,000 from Michigan Heart Association, Southfield, Michigan, to be used under the direction of J. C. Mattson in the Department of Pathology to conduct ultrastructural and immunofluorescent studies of platelet microfilaments and observe the effects of Cytochalasin B and Vinblastin on thick microfilaments of platelets.

67. Grant of $7,305 from Lederle Laboratories, Pearl River, New York, to be used under the direction of R. H. Rech in the Department of Pharmacology for the development of an animal model of psychiatric depression.

68. Grant of $12,000 from Michigan Heart Association, Southfield, Michigan, to be used under the direction of T. Akera in the Department of Pharmacology for research in cardiac function and the Na\(^+\)K\(^+\)-ATPase/Factors that influence cardiac glycosides – Na\(^+\)K\(^+\)-ATPase interaction.

69. Grant of $4,000 from Michigan Heart Association, Southfield, Michigan, to be used under the direction of T. M. Brody in the Department of Pharmacology to study mechanism of the action of diphenylhydantoin in reversing cardiac glycoside-induced arrhythmias.

70. Grant of $3,900 from Community Mental Health Board, Lansing, Michigan, to be used under the direction of T. Scullion in the Office of Health Services Education and Research to develop a series of tasks which would be used to formulate specific evaluation activities.

71. Grant of $6,250 from St. Mary's Hospital, Grand Rapids, Michigan, to be used under the direction of T. Scullion in the Office of Health Services Education and Research to increase the efficiency of administrative services at St. Mary's Hospital.

72. Grant of $35,000 from Engelhard Industries, Newark, New Jersey, to be used under the direction of B. Rosenberg in the Department of Biophysics for investigation of the anti-tumor activity of platinum compounds.

73. Grant of $18,400 from U.S. Atomic Energy Commission, Washington, D.C., to be used under the direction of A. El-Bayoumi in the Department of Biophysics to study electronic excitation of composit systems.

74. Grant of $1,500 from American Farm Bureau Research Foundation, Parkridge, Illinois, to be used under the direction of M. L. Lacy in the Department of Botany and Plant Pathology to perform research leading to improved control measures for Fusarium root rot and rust of asparagus.

75. Grant of $500 from Merck & Co., Inc., Rahway, New Jersey, to be used under the direction of J. H. Beaman in the Department of Botany and Plant Pathology to help provide a computerized data bank and information system of the vascular plants of North America, in cooperation with the North American botanical community, involving a comprehensive program of biological research, information systems development, and data banking.

81. Grant of $4,400 from the Upjohn Company, Kalamazoo, Michigan, to be used under the direction of J. M. Vargas, Jr., in the Department of Botany and Plant Pathology to study the activity of Hexochlorophene as a bactericide on vegetable crops.

82. Grant of $475 from American Society for Medical Technology, Houston, Texas, to be used under the direction of C. G. Enke and B. Schoepke in the Department of Chemistry for ASMT Instrumentation Workshop, March 12-16, 1973.

83. Grant of $25,000 from U.S. Atomic Energy Commission, Bethesda, Maryland, to be used under the direction of H. A. Eick in the Department of Chemistry for investigation of some lanthanide, boron, carbon, nitrogen, silicon and chalcogenide systems at elevated temperatures.
84. Grant of $1,175 from Dow Chemical Company, Midland, Michigan, to be used under the
direction of J. B. Kinsinger in the Department of Chemistry as an unrestricted grant.

85. Grant of $700 from Leeds Chemicals of Canada, Ltd., Brockville, Ontario, to be used
under the direction of G. J. Karabatos in the Department of Chemistry as an
unrestricted grant.

86. Grant of $1,000 from American Farm Bureau Research Foundation to be used under the
direction of G. Guyer in the Department of Entomology for asparagus research.

87. Grant of $9,000 from Gerber Products Company, Fremont, Michigan, to be used under
the direction of M. Zabik in the Department of Entomology for analysis of heavy
metal levels.

88. Grant of $2,500 from Nor-Am, Woodstock, Illinois, to be used under the direction of
A. Howitt in the Department of Entomology for research on control of mites and
insects in deciduous fruit.

89. Grant of $950 from Nor-Am, Chicago, Illinois, to be used under the direction of
M. Zabik in the Department of Entomology for residue analysis.

90. Grant of $5,200 from National Science Foundation, Washington, D.C., to be used under
the direction of J. H. Shapiro in the Department of Mathematics to study functional
analytic problems in the hardy and nevanlinna classes of analytic functions.

91. Grant of $42,800 from Department of Navy, Washington, D.C., to be used under
the direction of A. Galonsky in the Department of Physics for research on charged
particle shielding in nuclear field.

92. Grant of $93,400 from National Science Foundation, Washington, D.C., to be used
under the direction of E. J. Blatt and P. A. Schroeder in the Department of Physics to
study electronic properties of metals and alloys.

93. Grant of $41,768 from U.S. Atomic Energy Commission, Washington, D.C., to be used
under the direction of G. Pollack in the Department of Physics to study properties
of rare-gas solids.

94. Grant of $100 from The Society of the Sigma Xi, New Haven, Connecticut, to be used
under the direction of J. Higgins in the Department of Zoology to continue investi-
gations on alternate metabolic pathways of urea synthesis.

95. Grant of $36,000 from U.S. Atomic Energy Commission, Washington, D.C., to be used
under the direction of R. G. Wetzel in the W. K. Kellogg Biological Station to
study dissolved organic matter and lake metabolism.

96. Grant of $4,369.50 from U.S. Office of Education to be used under the direction of
L. M. Scumers in the Department of Geography for the COWGA fellowship program for
developing teacher improvement programs in geography at predominantly Negro colleges.

97. Grant of $2,000 from National Endowment for the Arts, Washington, D.C., to be used
under the direction of D. Vessell in the Department of Psychology for jazz artist
and resonance.

98. Grant of $1,227 from Environmental Protection Agency, Washington, D.C., to be used
under the direction of E. D. Morrison in the Department of Sociology for a biblio-
ography of social science literature related to environment.

99. Grant of $920.56 from Louis A. Radelet, School of Criminal Justice, Michigan State
University, East Lansing, Michigan, to be used under the direction of A. F.
Brandstatter in the School of Criminal Justice to support police-community
relations research efforts.

100. Grant of $36,771 from State of Michigan Department of Social Services, Lansing,
Michigan, to be used under the direction of G. Andrew in the School of Social Work
to support graduate trainees.

101. Grant of $50 from Greater Lansing Auxiliary to the Michigan Veterinary Medical
Association, Lansing, Michigan, to be used under the direction of W. W. Armistead
in the College of Veterinary Medicine for the Muriel Clark Memorial - Clinic-library
books.

102. Grant of $55.42 from Michigan Veterinary Medical Association, Holland, Michigan, to
be used under the direction of W. W. Armistead in the College of Veterinary Medicine as
payment for the shadow boxes located in the Veterinary Clinic Reading Room.

103. Grant of $333 from U.S. Public Health Service, Bethesda, Maryland, to be used under
the direction of L. F. Velicer in the Department of Microbiology and Public Health
for research fellowship supply allowance-award.

104. Grant of $1,000 from NIH Research Resources, Bethesda, Maryland, to be used under
the direction of C. E. Whitehair in the Department of Pathology as a supply allowance
in support of the post-doctoral research fellowship.
105. Grant of $9,639 from Michigan Heart Association, Southfield, Michigan, to be used under the direction of T. Tobin in the Department of Pharmacology to study cardiac glycosides, ethacrynic acid and the Na^+K^+ATPase.

106. Grant of $16,770 from Environmental Protection Agency to be used under the direction of P. O. Fromm in the Department of Physiology to study toxic effect of water soluble pollutants on Freshwater fish.

107. Grant of $500 from Mead Johnson & Company, Evansville, Indiana, to be used under the direction of J. Meites in the Department of Physiology for studies of the DMBA-induced tumors in rats.

108. Grant of $100 from Western Michigan Veterinary Medical Association Auxiliary, Grand Ledge, Michigan, to be used under the direction of F. H. Oberst in the Department of Large Animal Surgery and Medicine for research in the equine.

109. Grant of $100 from Alice G. Borter, Rochester, Michigan, to be used under the direction of U. V. Mostosky in the Department of Small Animal Surgery and Medicine for use in the field of radiology.

110. Grant of $336.22 from Jaxon Kennel Club, Inc., Cement City, Michigan, to be used under the direction of W. O. Brinker in the Department of Small Animal Surgery and Medicine as an unrestricted grant.

111. Grant of $20 from Mr. and Mrs. Harry Weiss, Detroit, Michigan, to be used under the direction of J. Cunningham in the Department of Small Animal Surgery and Medicine as an unrestricted grant.

112. Grant of $30 from Richard W. Barich, Grosse Pointe Farms, Michigan, to be used under the direction of R. H. Baker in the Museum to purchase banquet ticket to attend the Explorers Club annual dinner on April 13, 1973, at the Hotel Waldorf-Astoria, New York City.


114. Grant of $228.37 from Richard Hill to be used under the direction of R. H. Baker in the Museum for publications.

115. Grant of $2,400 from Department of Natural Resources, Lansing, Michigan, to be used under the direction of C. Cleland in the Department of Anthropology and the Museum to provide course training for state park interpreters in archaeology and historic architecture.

116. Grant of $500 from The Farm Foundation, Chicago, Illinois, to be used under the direction of A. L. Hunter in the Continuing Education Service as a contribution toward Great Lakes Town and Country Leadership School to be held July, 1973.

117. Grant of $2,600 from Commission on Aging, State Department of Social Services, Lansing, Michigan, to be used under the direction of M. Hagelberg in the Continuing Education Service toward the purchase of 12 video tapes and 13 mailing cartons.

118. Grant of $500 from Talbert & Leota Abrams Foundation, Lansing, Michigan, to be used under the direction of A. L. Hunter in the Continuing Education Service for the Adventure in World Understanding program.

119. Grant of $39,676 from Michigan Law Enforcement Officers Training Council, East Lansing, Michigan, to be used under the direction of J. E. Carnahan in the Highway Traffic Safety Center to provide six 40-hour courses in Police Alcohol Enforcement to train 180 officers from numerous law enforcement agencies in the state of Michigan.

120. Grant of $61,464 from U.S. Office of Education, Washington, D.C., to be used under the direction of R. Estell in Radio Broadcasting to assist in the improvement of non-commercial, educational radio station WKAR-FM and provide program services to the blind, physically handicapped, educational, and professional agencies.

121. Grant of $63,000 from Midwest Universities Consortium for International Activities, Inc., East Lansing, Michigan, to be used under the direction of R. H. Smuckler in International Studies and Programs to provide for meetings of an ad hoc committee concerned with Haile Selassie I University.

122. Grant of $800 from United Ministries in Higher Education, East Lansing, Michigan, to be used under the direction of C. W. Minkel in the School for Advanced Graduate Studies to provide support for 12 continuation graduate traineeships.

123. Grant of $1,500 from Midwest Universities Consortium for International Activities, Inc., East Lansing, Michigan, to be used under the direction of C. W. Minkel in the School for Advanced Graduate Studies to provide support for 12 continuation graduate traineeships.

Motion was made by Trustee Carrigan, seconded by Trustee Merriman to accept the Gifts and Grants. Unanimously approved.
C. BIDS AND CONTRACT AWARDS

1. The following bids were received on March 28, 1973 for the alteration and renovation of Rooms 115 through 121 and 7A and 8 of the administrative areas in Agriculture Hall:

- McNeilly Construction Co., Lansing $43,984
- Christman Construction Co., Lansing 46,357
- Hanel-Vance Construction Co., Okemos 47,170
- Charles Featherly Construction Co., Lansing 48,000
- Neilsen Construction Co., Holt 20,500
- Clark Construction Co., Lansing 52,267

Funds are provided for this work from the College of Agriculture and Experiment Station accounts. The project budget should be established as follows:

<table>
<thead>
<tr>
<th>Contract</th>
<th>Office furnishings and equipment</th>
<th>Carpet</th>
<th>Engineering-Service</th>
<th>Contingency</th>
</tr>
</thead>
<tbody>
<tr>
<td>McNeilly Construction Co.</td>
<td>25,000</td>
<td>6,200</td>
<td>5,700</td>
<td>3,116</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total expected expenditures</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| RESOLVED that a contract be awarded to the McNeilly Construction Co. of Lansing in the amount of $43,984 and that a project budget be established at $84,000 for the alteration and renovation of Rooms 115 to 121 and 7A and 8 in Agriculture Hall.

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

2. The following bids were received on April 10 for Erickson Hall - Lighting Improvements:

<table>
<thead>
<tr>
<th>Contractors</th>
<th>Base Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fox Electric Corp.</td>
<td>$34,316</td>
</tr>
<tr>
<td>Hatzel &amp; Buehler, Inc.</td>
<td>35,800</td>
</tr>
<tr>
<td>Quality Electric</td>
<td>37,213</td>
</tr>
<tr>
<td>Hayes Electric</td>
<td>38,290</td>
</tr>
<tr>
<td>Superior Electric</td>
<td>41,139</td>
</tr>
<tr>
<td>Root Electric</td>
<td>42,300</td>
</tr>
<tr>
<td>Lansing Electric Motors</td>
<td>46,303</td>
</tr>
<tr>
<td>Central Electric</td>
<td>49,250</td>
</tr>
<tr>
<td>Hall Electric</td>
<td>58,800</td>
</tr>
</tbody>
</table>

It was recommended that a contract in the amount of $34,316 be awarded to the Fox Electric Corporation of Lansing, Michigan, plus $15,184 based on the unit price quoted, which will allow for the completion of this project.

It was recommended that the following budget be established:

| Fox Electric Corporation - construction | $49,500 |
| Engineering, supervision, and expediting | 3,500 |
| Total expected expenditures             | $53,000 |

RESOLVED that a contract and budget for the Erickson Hall lighting improvements be approved as recommended.

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

3. The following bids were received on April 6 for the Spartan Stadium - Restoration:

<table>
<thead>
<tr>
<th>Contractors</th>
<th>Base Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wm. H. Kelly Co.</td>
<td>$138,543</td>
</tr>
<tr>
<td>Grunwell-Cashero of Lansing</td>
<td>140,900</td>
</tr>
<tr>
<td>Harry S. Peterson Co.</td>
<td>160,153</td>
</tr>
</tbody>
</table>

Funds of $100,000 are available for this project. In order to stay within the established budget, we have broken down this project into various phases and recommend the issuance of a pre-contract bulletin to the Wm. H. Kelly Co. which would deduct $43,825 from the proposed project, deleting the replacement of certain expansion joints and coatings on risers and entrance ramp curbs.

It was the option of the engineering staff that if this portion of the work were bid with future phases of the project there would not be an increase in cost for this phase of the operation.
C. BIDS AND CONTRACT AWARDS, continued  

April 20, 1973

3. Spartan Stadium - Restoration, continued

It was recommended that a contract in the amount of $94,718 be awarded to the Wm. H. Kelly Co. (base bid of $138,543 less pre-contract bulletin of $43,825 = $94,718), and that the following budget be established:

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wm. H. Kelly Co.</td>
<td>$94,718</td>
</tr>
<tr>
<td>Contingencies</td>
<td>1,000</td>
</tr>
<tr>
<td>Engineering, supervision, and expediting</td>
<td>4,282</td>
</tr>
<tr>
<td><strong>Total expected expenditures</strong></td>
<td><strong>$100,000</strong></td>
</tr>
</tbody>
</table>

RESOLVED that a contract and budget for Spartan Stadium Restoration be approved as recommended.

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

4. Bids were received on April 13, 1973 for Jenison Fieldhouse - Second Floor alterations (Rooms 214, 215, and 223) which provide office space and conference rooms for the head football coach and his staff, and were as follows:

<table>
<thead>
<tr>
<th>General Contractor</th>
<th>Fixed Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hanel-Vance Construction Co.</td>
<td>$2,555</td>
</tr>
<tr>
<td>Foster Schermerhorn Barnes, Inc.</td>
<td>2,863</td>
</tr>
<tr>
<td>Haussman Construction Co.</td>
<td>3,300</td>
</tr>
</tbody>
</table>

It was recommended that a contract be awarded to Hanel-Vance Construction Co. for a fixed fee of $2,555 to provide supervision and engineering services for alterations costing $34,000.

The following budget was recommended:

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction work</td>
<td>$34,000</td>
</tr>
<tr>
<td>Hanel-Vance Construction Co. (fixed fee)</td>
<td>2,555</td>
</tr>
<tr>
<td>Furniture and carpeting</td>
<td>10,445</td>
</tr>
<tr>
<td>Engineering, supervision, and expediting</td>
<td>3,500</td>
</tr>
<tr>
<td><strong>Total expected expenditures</strong></td>
<td><strong>$50,500</strong></td>
</tr>
</tbody>
</table>

Funds are available in account No. 21-1810 for this project.

RESOLVED that a contract be awarded to Hanel-Vance Construction Co. and that the recommended budget be approved for the Jenison Fieldhouse - Second Floor alterations.

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

D. OTHER ITEMS FOR ACTION

1. It was recommended that the following additions and amendments to the MSU Ordinances be adopted, effective April 20, 1973.

I. Section 16.00 Disorderly Assemblages or Conduct. Add subsection 16.09.

16.09 NO PERSON OR PERSONS SHALL ENTER ANY STEAM TUNNEL, MECHANICAL ROOM OR BOILER ROOM UNLESS REQUIRED TO DO SO IN THE PROPER PERFORMANCE OF THEIR ASSIGNED DUTIES.

Approval of this addition would reinstate language that once was included but which was expunged along with other subsections that were under review of the Federal District Court. This specific subsection was not in itself found objectionable by the Court, but was omitted when the entire section was revised.

II. Section 39.00 Parking. Amend subsection 39.171 as shown below to accommodate present metered parking arrangements where there are meters functioning on Sundays and to correct an existing omission in that legal holidays are not defined elsewhere in any section.

.17 -- Meter parking zones:

39.171 - WHEN PARKING METERS ARE ERECTED ADJACENT TO A SPACE MARKED FOR PARKING, SUCH SPACE SHALL BE A METERED PARKING ZONE AND NO PERSON SHALL STOP A VEHICLE IN ANY SUCH ZONE FOR A PERIOD OF TIME LONGER THAN DESIGNATED ON SAID PARKING METERS UPON THE DEPOSIT OF A COIN OF THE UNITED STATES CURRENCY OF THE DENOMINATION DESIGNATED ON SAID METERS, ON ANY DAY EXCEPT SUNDAYS AND LEGAL HOLIDAYS AS DEFINED HEREIN, EXCEPT GOVERNMENT-OWNED VEHICLES SHALL BE EXEMPT FROM THE PAYMENT OF THE METER FEE.
III. Section 45.00 Administration -- Traffic. Amend subsection 45.471 as shown below to correspond to Michigan practice and thereby reduce the investigative time needed to record information that has little or no value in very minor situations.

45.00 ADMINISTRATION -- TRAFFIC
45.471 - Every law enforcement officer, who in the regular course of duty, investigates a motor vehicle accident of which report must be made as required in this ordinance, either at the time of and at the scene of the accident or thereafter by interviewing participants or witnesses, shall promptly after completing such investigation forward a written report of such accident to the Department of Public Safety. It shall be the duty of all public safety officers to report to the Commissioner of State Police on forms provided; reports received of all accidents.

RESOLVED that the changes in the MSU Ordinances be adopted as recommended.

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

2. Several amendments to the Bylaws of Academic Governance have been approved by the Academic Council (11-28-72, 2-6-73, or 3-5-73) and the Academic Senate (3-13-73). A complete copy of the amendments is on file in the Secretary's Office.

Each of the items has been examined by the administration and has received its endorsement. In summary, they are:

a. For academic governance purposes librarians will be considered the same as faculty.

b. Addition of the Faculty Grievance Official as an ex officio member of the Academic Council.

c. Adoption of the "friendly amendment" suggested by Trustee Carrigan on the makeup of Appeals Panels for faculty grievances involving non-reappointment of untenured faculty in the tenure stream -- the panels to consist of 3 tenured and 2 nontenured faculty, three of whom shall come from the Faculty Tenure Committee.

d. Formal recognition of the elected students in the Academic Council as a subgroup called the Elected Student Council.

(1) Requirement that the rules and procedures for electing student members of the Academic Council be approved by the Elected Student Council before publication or use.

(2) Provision for regular meetings of the Elected Student Council and procedures for those meetings.

(3) Provision that the Elected Student Council may refer matters to the Academic Council for consideration.

(4) Increase the size of the Steering Committee from 6 to 7 members by increasing its student membership from one to one graduate and one undergraduate.

RESOLVED: These changes in the Bylaws of Academic Governance, approved by the Academic Council, and Academic Senate, and recommended by the administration, are hereby approved.

Unanimously approved. Motion by Trustee Martin, seconded by Trustee Thompson.
In conformity with existing practices, the College of Osteopathic Medicine would like the University to enter into an affiliation agreement with the Garden City Osteopathic Hospital in Garden City, Michigan. This agreement will permit MSU students in osteopathic medicine to receive clinical training at this hospital and also make possible the operation of a residency training program for students who have completed their D.O. degrees.

This agreement document has been examined by the staff in the Office of the Provost and by the University attorney, and it is the administration's recommendation that it be approved.

RESOLVED: The affiliation agreement between Michigan State University and the Garden City Osteopathic Hospital be approved.

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

Meetings adjourned at 11:20 a.m.