The Finance Committee convened at Kellogg Center at 11:00 a.m.

The following members were present: Messrs. Harlan, Huff, Merriman, Smith, Stevens, Vanderploeg; President Hannah, Treasurer May and Secretary Breslin

Absent: Dr. Bartlett

Investment recommendations

1. Recommendations on investments from Scudder, Stevens & Clark and Mr. Cress, as follows:

<table>
<thead>
<tr>
<th>Pension and Retirement Fund</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommend purchasing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$100,000 United Aircraft Subordinate Convertible 4s-1988</td>
<td>110</td>
<td>$110,000</td>
<td>$4,500</td>
<td>3.9%</td>
</tr>
<tr>
<td>300,000 Federal Home Loan Bank 3.95s-7/15/64 when issued</td>
<td>100</td>
<td>300,000</td>
<td>11,850</td>
<td>3.9%</td>
</tr>
<tr>
<td>225,000 U. S. Treasury 3 5/8s-2/15/66</td>
<td>100</td>
<td>225,000</td>
<td>8,156</td>
<td>3.8%</td>
</tr>
<tr>
<td>200,000 U. S. Treasury 4s-8/15/73</td>
<td>99</td>
<td>198,000</td>
<td>6,000</td>
<td>3.1%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jenison Fund</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommend purchasing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$40,000 Federal Home Loan Bank 3.95s-7/15/64 when issued</td>
<td>100</td>
<td>$40,000</td>
<td>1,580</td>
<td>3.9%</td>
</tr>
<tr>
<td>40,000 U. S. Treasury 3 5/8s-2/15/66</td>
<td>100</td>
<td>40,000</td>
<td>1,450</td>
<td>3.8%</td>
</tr>
<tr>
<td>40,000 U. S. Treasury 4s-8/15/73 when issued</td>
<td>99</td>
<td>39,600</td>
<td>1,125</td>
<td>3.9%</td>
</tr>
<tr>
<td>25,000 United Aircraft Subordinate Convertible 4s-1988</td>
<td>110</td>
<td>27,500</td>
<td>1,125</td>
<td>3.9%</td>
</tr>
<tr>
<td>200 shs. International Harvester (Holding 200)</td>
<td>$2.40</td>
<td>11,600</td>
<td>110</td>
<td>4.1%</td>
</tr>
<tr>
<td>225 shs. Manufacturers National Bank of Detroit (Holding 175)</td>
<td>2.00</td>
<td>15,750</td>
<td>150</td>
<td>2.9%</td>
</tr>
<tr>
<td>87 shs. Standard Oil of New Jersey (Holding 313)</td>
<td>2.60</td>
<td>21,777</td>
<td>266</td>
<td>1.7%</td>
</tr>
<tr>
<td>400 shs. Associates Investment 2.60</td>
<td>60</td>
<td>26,000</td>
<td>1,040</td>
<td>4.3%</td>
</tr>
<tr>
<td>200 shs. Norfolk &amp; Western Railway 5.00+</td>
<td>117</td>
<td>23,400</td>
<td>1,000</td>
<td>4.4%</td>
</tr>
<tr>
<td>400 shs. Southern Company</td>
<td>1.60</td>
<td>28,400</td>
<td>140</td>
<td>2.9%</td>
</tr>
<tr>
<td>1,000 shs. Lone Star Cement</td>
<td>1.00</td>
<td>1,000</td>
<td>125</td>
<td>3.0%</td>
</tr>
<tr>
<td>800 shs. Weyerhaeuser Company</td>
<td>1.20</td>
<td>960</td>
<td>125</td>
<td>3.6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Consolidated Investment Fund</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommend purchasing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$6,000 U. S. Treasury 3 5/8s-2/15/66</td>
<td>100</td>
<td>$6,000</td>
<td>217</td>
<td>3.8%</td>
</tr>
<tr>
<td>Recommend selling:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>200 shs. Parke, Davis &amp; Co.</td>
<td>1.00</td>
<td>35</td>
<td>$7,000</td>
<td>200</td>
</tr>
<tr>
<td>Recommend purchasing: up to</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>200 shs. Weyerhaeuser Co.</td>
<td>1.20</td>
<td>33</td>
<td>$6,600</td>
<td>240</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Forest Akers 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>125 shs. Parke, Davis &amp; Co.</td>
<td>1.00</td>
<td>35</td>
<td>$4,375</td>
<td>125</td>
</tr>
<tr>
<td>Recommend purchasing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100 shs. Weyerhaeuser Co.</td>
<td>1.20</td>
<td>33</td>
<td>$3,960</td>
<td>144</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sandy Brand 4-H Club Scholarship 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>100 shs. Parke, Davis &amp; Co.</td>
<td>1.00</td>
<td>35</td>
<td>$3,500</td>
<td>100</td>
</tr>
<tr>
<td>Transfer proceeds to the Consolidated Investment Fund, and purchase in that Fund:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 shs. First National Bank of Maryland (Holding 250)</td>
<td>2.00</td>
<td>65</td>
<td>$3,850</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Insurance Fund</th>
<th>Approx. Price</th>
<th>Principal</th>
<th>Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommend exchanging:</td>
<td>$14,000 U. S. Treasury 3 3/8s-5/16/64</td>
<td>100</td>
<td>14,000</td>
<td>525</td>
</tr>
<tr>
<td>For</td>
<td>$14,000 U. S. Treasury w.l. 3 7/8s-11/15/68</td>
<td>100</td>
<td>14,000</td>
<td>542</td>
</tr>
</tbody>
</table>
Finance Committee Items, continued

September 30, 1963

1. Recommendations from Scudder, Stevens and Clark and Earl Cress, continued:

Pension & Retirement Fund

Recommend exchanging:

- $50,000 U. S. Treasury 4 3/4s-5/15/64
  For
  $50,000 U. S. Treasury 4s-8/15/73

Rackham Trust Income

Recommend exchanging:

- $34,000 U. S. Treasury 3 3/4s-5/15/64
  For
  $34,000 U. S. Treasury when issued 3 3/7s
  11/15/68

- $ 9,000 U. S. Treasury 3 3/4s-5/15/64
  For:
  $ 9,000 U. S. Treasury when issued 3 7/8s
  11/15/68

Approx.  Price  Principal  Income

$101  $50,500  $6,315

On motion by Mr. Huff, seconded by Mr. Harlan, it was voted to approve Item 1.

2. Mr. May presented a suggested budget request for the consideration of the next session of the legislature to be submitted through the State Department of Administration as follows:

For operation of Michigan State University
- $31,644,786
For operation of the Agricultural Experiment Station
- 3,850,966
For operation of the Cooperative Extension Service
- 2,783,988
For operation of Oakland University
- 2,323,504

Five-year Capital Outlay for 1964-65
- $21,190,000
Five-year Capital Outlay for 1965-66
- 20,096,000
Five-year Capital Outlay for 1966-67
- 21,360,000
Five-year Capital Outlay for 1967-68
- 21,000,000
Five-year Capital Outlay for 1968-69
- 19,900,000

On motion by Mr. Huff, seconded by Mr. Vanderploeg, it was voted to approve the above recommendations.

3. Mr. Huff discussed the status of the discussion pertaining to the Institute of Biology and Medicine and Medical Education now before a Committee of the Michigan Coordinating Council for Public Higher Education.

4. Mr. Russell Bandomer of the A. M. Kinney Company of Cincinnati appeared before the Board to advise the Trustees of the content of their report pertaining to power plant requirements submitted today to the legislative committee considering that problem.

5. We now have options covering the purchase of the lots that were originally a part of the Hazen farm which was recently purchased with funds provided by the Kellogg Foundation. It is now recommended that the Board authorize the purchase of these lots as follows:

Lot No. 10 from Dale R. Tilley for $1,900
Lot No. 3 from Fern Hazen for $1,350
Lots No. 6 and 7 from Fern Hazen and Mr. and Mrs. Ralph McCarty for $2,200
Lots No. 1 and 2 from Mr. and Mrs. Ralph McCarty for $2,600
Lots No. 4 and 5 from Mr. and Mrs. Edward Rossi for $2,200

After these purchases are completed, the Kellogg Foundation will provide the funds to reimburse the University.

On motion by Mr. Herriman, seconded by Dr. Smith, it was voted to approve the purchase of the above-mentioned lots.

6. Communication from Mr. May:

You will recall that Michigan State University receives from the National Science Foundation a grant of 5 percent of the total amount of their contracts. I have insisted that the use of these funds be approved by the Board of Trustees before any expenses have been incurred.

I now have a recommendation from Vice President Huelder and Acting Provost Neville that the $14,983 received for the 1962-63 fiscal year be used as follows:

a. $10,500 be allocated to the Water Research Program under the general supervision of Dr. Quill.
b. That $3,000 be used for equipping science laboratories in McDonel Hall.
c. That $1,983 be used for equipping and setting up a repair shop and glass blowing shop to service the College of Natural Science and the College of Engineering.

I would like to recommend Board approval of the above allocations.

On motion by Mr. Ruff, seconded by Mr. Vanderploeg, it was voted to approve the above recommendations.
7. Communication from Mr. May:

Attached is a communication from the Detroit Bank and Trust Company recommending changes in the three trusts established by Mr. and Mrs. Fee.

Under the terms of the trust agreements, the Detroit Bank and Trust Company is authorized to make changes in Trust 1981 without our approval; but as a matter of courtesy, it has wanted our concurrence in any action it takes. The agreements for Trusts 20100 and 21169 require Board approval for any changes in investment portfolio.

Communication from the Detroit Bank and Trust Company:

Phil - George Berkaw and Bill Barton of the Investment Division and I enjoyed meeting with you yesterday. In accordance with our discussion, we are submitting the following programs for these three trusts in which Michigan State has an interest:

<table>
<thead>
<tr>
<th>Account 19815</th>
<th>HELD</th>
<th>SELL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2109</td>
<td></td>
<td>309 shs American Telephone &amp; Telegraph Co. common</td>
</tr>
<tr>
<td>5600</td>
<td></td>
<td>1000 shs Detroit Edison Co. common</td>
</tr>
<tr>
<td>BUY</td>
<td>$71,000</td>
<td>Common Trust Fund No. 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Account 20100</th>
<th>HELD</th>
<th>SELL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500</td>
<td></td>
<td>300 shs American Telephone &amp; Telegraph Co. common</td>
</tr>
<tr>
<td>4400</td>
<td></td>
<td>1000 shs Detroit Edison Co. common</td>
</tr>
<tr>
<td>BUY</td>
<td>$39,000</td>
<td>Common Trust Fund No. 2</td>
</tr>
<tr>
<td></td>
<td>$70,000</td>
<td>Dayton Power &amp; Light Co. common</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Account 21169</th>
<th>HELD</th>
<th>SELL</th>
</tr>
</thead>
<tbody>
<tr>
<td>4800</td>
<td></td>
<td>500 shs American Telephone &amp; Telegraph Co. common</td>
</tr>
<tr>
<td>9734</td>
<td></td>
<td>1734 shs Detroit Edison Co. common</td>
</tr>
<tr>
<td>2600</td>
<td></td>
<td>2600 shs American Tobacco Co. common</td>
</tr>
<tr>
<td>1515</td>
<td></td>
<td>1515 shs Parke, Davis &amp; Co. common</td>
</tr>
<tr>
<td>400</td>
<td></td>
<td>400 shs Reynolds Tobacco Co.</td>
</tr>
<tr>
<td>BUY</td>
<td>$136,000</td>
<td>Common Trust Fund #3 (Tax Exempt)</td>
</tr>
<tr>
<td></td>
<td>$38,000</td>
<td>Dayton Power &amp; Light Co. common</td>
</tr>
<tr>
<td></td>
<td>$36,000</td>
<td>Pacific Gas &amp; Electric Co. common</td>
</tr>
<tr>
<td></td>
<td>$23,500</td>
<td>W. R. Grace &amp; Co. common</td>
</tr>
<tr>
<td></td>
<td>$262,500</td>
<td>500 shs W. R. Grace &amp; Co. common</td>
</tr>
</tbody>
</table>

We are recommending the purchase of Common Trust Fund No. 2 in Accounts 19815 and 20100, from which you presently received income. As we mentioned, Common Trust Fund No. 2 is invested in a diversified list of taxable interest-bearing securities. The present yield on this Fund is approximately 4.15% which of course is significantly higher than the 3% available on American Telephone and Telegraph and 3% on Detroit Edison.

In Account 21169, where Miss Jessie T. Fee is presently the income beneficiary, and upon her demise your University receives the income, we are recommending the purchase of Common Trust Fund No. 3, which is invested in a diversified list of tax exempt municipal bonds. Miss Fee is in a very high income tax bracket and a move into tax exempt municipals will greatly improve her net after-tax income. This should increase the amount of funds she has available for gifts. When tax exempt income is no longer beneficial, we, of course, change the investment emphasis in this trust.

Dayton Power and Light sells electricity and natural gas to Dayton, Ohio, and surrounding suburbs and rural areas. Pacific Gas and Electric sells electricity and natural gas to most of northern California, including San Francisco.

McGraw-Edison makes electrical appliances and equipment for utilities and heavy industry. In addition, the firm markets a wide range of consumer appliances under such trade names as "Toastmaster", "Tropic-aire" and "Speed Queen". We believe the stock offers a generous yield coupled with satisfactory long-term potential for showing good earnings increases.

W. R. Grace for many years was known primarily as a shipping and banking concern. In the recent past, an aggressive management team has placed increasing emphasis on chemicals and agricultural lines, so that these products now represent approximately 80% of their total sales. In addition, the company has an interest in a fast developing Libyan oil field. Our studies suggest that corporate earnings should increase at over 8% per annum for the next several years and we believe the stock is an attractive purchase at the present time.
7. Communication from Mr. May, continued:

The next entrance date on our Common Trust Funds 2 and 3 is October 31, 1963. If you are in accord with our recommendations, we would suggest temporarily investing the stock proceeds allocated for the Common Trust Funds in General Motors Acceptance Corporation Discount Note Participation, due 10-31-63, to yield about 3.69%.

Phil, I hope the foregoing covers our discussion yesterday; however, if you have any questions, please feel free to phone us.

We are proceeding to implement the program in 1964. If the programs in 20100 and 21169 are approved, please sign and return the enclosed copy of this letter.

/s/ W. C. Goulet
Trust Officer

On motion by Mr. Harlan, seconded by Mr. Merriman, it was voted to approve the above recommendations regarding the three Fee Trusts.

8. Approval is requested to sell 35 shares of Eaton & Howard Stock Fund, the proceeds to be credited to the MSU Associates account.

On motion by Mr. Merriman, seconded by Dr. Smith, it was voted to approve the above request.

9. Communication from Mr. May:

Attached is a report from the Michigan Higher Education Assistance Authority indicating the amount of loans approved for all institutions which have deposits with the Authority.

I also have a letter from the Director of the Michigan Higher Education Assistance Authority requesting an additional deposit in order that loans now held by its office can be released.

In order that these loans and any additional loans approved by our Dean of Students' Office may be processed, I would like to recommend Board approval of an appropriation of $10,000 for a supplemental deposit with the Michigan Higher Education Assistance Authority.

On motion by Mr. Vanderploeg, seconded by Mr. Buff, it was voted to approve the above item.

10. Recently we were advised by the College of Education that the Mott Foundation had deposited $70,000 in the Wayne Oakland Bank of Royal Oak, Michigan. This is a bank which, I understand, is largely owned or controlled by the Mott Foundation or family.

Since we obviously did not wish to have grants deposited in the name of the college of department, I suggested to Dean Ivey that the best solution would probably be for the University to open an account in the bank, which will please the Motts. Dean Ivey has cleared this with the Secretary of the Foundation, and the deposit has been transferred to the Trustees of Michigan State University.

In order that the account may be legally opened and I can draw against it, it will be necessary for the Board to pass the usual resolution, a copy of which is attached.

On motion by Mr. Vanderploeg, seconded by Mr. Buff, it was voted to approve the Wayne Oakland Bank of Royal Oak as a depository for University funds.

11. Communication from Mr. May:

Last year the Board authorized me to use up to $500,000 of working cash balances for student loans. At that time the Board indicated that if additional funds were needed, I would be authorized to exceed that amount.

Late in the school year I indicated to the Board that I had exceeded my $500,000 limitation, but that I expected repayments would reduce the amount within the original authorization during the summer.

Since the student loans outstanding on June 30, 1963, exceeded the authorization by approximately $75,000, the auditors feel that I should have formal Board approval for an increase. Accordingly, I would like to ask Board approval for loans up to $600,000 retroactive to June 30, 1963.

On motion by Mr. Stevens, seconded by Mr. Harlan, it was voted to approve the above request.

12. Mr. May presented a proposal requesting the authorization of the Trustees to sign a quit claim deed with the Huron-Clinton Metropolitan Authority for one-half acres of land on the Sarah Van Hoosen Jones estate.

On motion by Mr. Vanderploeg, seconded by Mr. Merriman, it was voted to approve the above request.

13. Request from Mr. Varner that the Trustees accept an additional $50,000 from the Pryale Foundation on the same terms and conditions as the $400,000 already accepted.

On motion by Mr. Harlan, seconded by Dr. Smith, it was voted to approve the above request from Mr. Varner.
Finance Committee Items, continued:

14. Request from Chancellor Varner for authorization to proceed with planning dormitories to house up to 500 students at Oakland University.

15. Request from Chancellor Varner for authorization to employ O'Dell, Hewlett and Luckenbach to begin plans for a $2.5 million classroom building.

On motion by Dr. Smith, seconded by Mr. Merriman, it was voted to approve items 14 and 15.

Adjourned.

MINUTES OF THE MEETING of the BOARD OF TRUSTEES September 20, 1963

Present: Dr. Smith, Chairman; Messrs. Harlan, Huff, Merriman, Stevens, Vanderploeg; President Hannah, Treasurer May and Secretary Breslin

Mr. Stephen S. Nisbet, Trustee elect, was also in attendance.

Absent: Dr. Bartlett

The meeting was called to order at 2:00 p.m.

The minutes of the July meeting were approved.

Approval Finance Com. Items

On motion by Dr. Smith, seconded by Mr. Merriman, it was voted to approve the Finance Committee Items.

2. The auditors, Ernst and Ernst, met with the Trustees to present their annual audit.

PRESIDENT'S REPORT - Resignation

1. Joyce M. Totten, Home Economics Agent, Monroe County, August 9, 1963 to accept a position teaching home economics with the Ypsinanti Board of Education.

Leaves - Other

1. Edward O. Hoe, Professor (Res. Ext.) of Sociology and Anthropology, without pay from July 1, 1963 through June 30, 1964 to study at the University of Utah.

2. Lloyd C. Ferguson, Professor of Microbiology and Public Health from July 1, 1963 to August 31, 1963. This is an extension of his present leave.

Appointments

1. Margaret L. Pegg, Coordinator in Continuing Education at a salary of $5600 per year on a 12-month basis from July 1, 1963 through June 30, 1964.

2. Henry W. Fairchild, Adviser, Pakistan Project, at a salary of $13,000 per year on a 12-month basis from July 1, 1963 to October 6, 1963.

3. Laurine Elisabeth Fitzgerald, Assistant Dean of Students and Associate Professor of Education at a salary of $11,600 per year on a 12-month basis effective September 1, 1963.

Miscellaneous

1. Change in the effective date of the appointment of Edythe Wolf as Librarian at the Library from September 1 to August 1, 1963.

2. Approved awarding a contract to the P & S Construction Company, the low bidder, in the amount of $20,928 for a 14-inch water main to connect Well No. 18 and Well No. 19. The following bids were received:

   - P & S Construction Co. $20,928.00
   - Reamer Brothers 21,400.00
   - Reed & Joyce, Inc. 25,397.50
   - Angell Construction Co. 27,280.00

   The cost is charged to the Extension and Replacement of Utilities budget.

3. Approved awarding a contract to Crandell Trenching, the low bidder, in the amount of $11,845 for resurfacing of the Beal Street Entrance to the campus. The following bids were received:

   - Crandell Trenching $11,845.00
   - T. A. Forsberg, Inc. 12,517.25

Approval awarding contract for resurfacing Beal Street Entrance

Approval awarding contract for wells 18 & 19

Appointments

4. Approved awarding a contract to Dunnigan, the low bidder, in the amount of $14,925 for a 16-inch transmission main from the Grand Trunk Railroad to the reservoir. The following bids were received:

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dunnigan</td>
<td>$14,925.00</td>
</tr>
<tr>
<td>F &amp; S Construction Co.</td>
<td>17,025.00</td>
</tr>
<tr>
<td>Reamer Brothers</td>
<td>17,346.75</td>
</tr>
<tr>
<td>Reed &amp; Noyce, Inc.</td>
<td>17,544.04</td>
</tr>
</tbody>
</table>

5. Approved awarding a contract to J. Hamilton, the low bidder, in the amount of $19,033.28 for the construction of a pole barn and some remodeling work for the Kellogg Feed Research Project. The following bids were received:

<table>
<thead>
<tr>
<th>Work</th>
<th>Contractor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pole Barn</td>
<td>J. Hamilton</td>
<td>$11,037.60</td>
</tr>
<tr>
<td></td>
<td>Hackett Co.</td>
<td>11,270.00</td>
</tr>
<tr>
<td></td>
<td>J. J. Schweitzer</td>
<td>16,000.00</td>
</tr>
<tr>
<td></td>
<td>Wagner-Flook</td>
<td>16,800.00</td>
</tr>
</tbody>
</table>

| Remodeling  | J. Hamilton    | 7,995.68   |
|             | J. J. Schweitzer| 9,900.00   |
|             | Wm. A. Little  | 10,405.00  |

This work is financed by The Kellogg Company.

On motion by Mr. Harlan, seconded by Dr. Smith, it was voted to approve the President's Report.

NEW BUSINESS

Resignations and Terminations

1. Sharon L. Jackson, 4-H Agent, Lenawee County, September 13, 1963 to be married.
2. Gordon L. Kilgour, Assistant Professor of Biochemistry, August 31, 1963, to accept a position at San Fernando State College, North Ridge California.
5. John A. LaFalce, Assistant Professor of Business Law, Insurance and Office Administration August 31, 1963, to accept a position as Legal Counsel.
7. George L. Brandon, Associate Professor of Education, September 30, 1963, to accept a position at Pennsylvania State University.
8. Siegfried M. Breuning, Associate Professor of Civil Engineering and Engineering Research October 14, 1963 to accept a position in Transportation Systems Research with the National Bureau of Standards, Washington, D.C.
9. David P. Brown, Assistant Professor of Electrical Engineering, August 31, 1963. His assignment to the India Project remains unchanged; i.e. expires September 15, 1963. He will accept a position at the University of Wisconsin.
10. W. Dale Jones, Professor of Mechanical Engineering, August 31, 1963 to accept a position at Sandia Corporation.
11. William H. Loyd, Instructor in Mechanical Engineering, August 31, 1963 to accept a position at the University of West Virginia.
13. Jean B. Stange, Assistant Professor of Textiles, Clothing and Related Arts, August 31, 1963 to accept a position at the University of Wisconsin.
14. Howard E. Campbell, Associate Professor of Mathematics, August 31, 1963 to accept a position as Professor and Head of Mathematics at the University of Idaho, Moscow, Idaho.
15. John B. Kelly, Associate Professor of Mathematics, August 31, 1963 to accept a position at Arizona State College.
16. Samuel G. Chapman, Assistant Professor of Police Administration and Public Safety, August 31, 1963 to accept a position as undersheriff of Multnomah County in Portland, Oregon.
17. Earle B. Roberts, Instructor in Police Administration and Public Safety, September 15, 1963 to accept a position as Chief of Police at Battle Creek, Michigan.
Resignations and Terminations, continued

18. Thomas W. Eagle, Assistant Professor of Social Science, August 31, 1963.

19. Paul R. Messier, Assistant Professor of Institutional Research, September 30, 1963 to accept a position with the U. S. Office of Education.

20. Lawrence T. Prymire, Manager of Radio Broadcasting with rank of Associate Professor, August 31, 1963 to accept an appointment with the Federal Communications Commission, Washington, D.C.


22. Francis X. Hodgson, Adviser Brazil Project, September 13, 1963 to accept a position in San Francisco.


Leaves—Sabbatical

1. Georg A. Borgstrom, Professor (Res.) of Food Science with full pay from September 16, 1963 to March 15, 1964 for a study tour of Japan, Philippines, Indonesia and India.

2. Mary L. Gephart, Professor and Chairman of Textiles, Clothing and Related Arts, with full pay from January 1, 1964 to March 31, 1964 to travel in Africa and the Near East.

3. Myles G. Boylan, Professor and Chairman of Urban Planning and Landscape Architecture with full pay from September 25, 1963 to December 31, 1963 for study at the University of Minnesota.

4. Joseph L. Druse, Associate Professor of Humanities with half pay from September 1, 1964 to August 31, 1965 for study and travel in eastern USA and Europe.

Leaves—Other

1. Richard A. Machiele, Extension Director Ottawa County, with full pay from November 1, 1963 through November 30, 1963 to assist at the International Food Fair at Amsterdam.

2. Carroll H. Wamhoff, 4-H Agent, Huron County without pay from October 14, 1963 through December 6, 1963 for study in M.S.U.


4. Bill A. Stout, Associate Professor of Agricultural Engineering without pay from October 16, 1963 to October 15, 1964 to work for the FAO in Rome.

5. Richard R. Dedolph, Assistant Professor of Horticulture without pay from January 1, 1964 to December 31, 1964 to study at the Argonne National Laboratory.

Appointments

1. Andrea Ann Ay, 4-H Agent, Oceana County, at a salary of $5500 per year on a 12-month basis effective October 1, 1963.

2. Norman Allen Brown, 4-H Agent, Washtenaw County, at a salary of $8500 per year on a 12-month basis effective September 1, 1963.

3. Harry A. Foster, 4-H Agent, Livingston County at a salary of $7800 per year on a 12-month basis effective October 1, 1963.

4. Rhoda M. Peck, 4-H Agent Ingham County at a salary of $8500 per year on a 12-month basis effective September 1, 1963.

5. Evelyn C. Winkelman, Home Economics Agent, Mecosta County at a salary of $6800 per year on a 12-month basis effective September 20, 1963.


7. Frederik Wilte Bakker-Arkema, Assistant Professor of Agricultural Engineering at a salary of $10,000 per year on a 12-month basis effective December 16, 1963.

8. Eugene W. Byrnes, Research Associate of Biochemistry at a salary of $7000 per year on a 12-month basis effective September 1, 1963 to August 31, 1964.


10. Kenneth Clare Sink, Jr. Assistant Professor of Horticulture at a salary of $8500 per year on a 12-month basis effective September 1, 1963.
NEW BUSINESS, continued

Appointments, continued

11. Claire Hammer, Instructor in Art at a salary of $6000 per year on a 10-month basis effective September 1, 1963.

12. Jens Plum, Instructor in Art at a salary of $6100 per year on a 10-month basis effective September 1, 1963.


14. Harry Webb, Assistant Professor of Health, Physical Education and Sociology and Anthropology at a salary of $8000 per year on a 10-month basis effective January 1, 1964.

15. Donald J. Rauch, Instructor in Electrical Engineering at a salary of $2400 for the period September 1, 1963 to December 31, 1963.

16. Floyd E. LeCureux, Instructor in Engineering Instructional Services at a salary of $6500 per year on a 10-month basis effective September 1, 1963 through August 31, 1964.


20. Dorothy Rollman, Instructor in Mathematics at a salary of $6000 per year on a 10-month basis effective September 1, 1963.

21. Jean E. Rubin, Assistant Professor of Mathematics at a salary of $7800 per year on a 10-month basis effective September 1, 1963 to August 31, 1964.

22. Diran Sarafyan, Associate Professor of Mathematics and Engineering Research at a salary of $18,400 on a 12-month basis effective September 1, 1963 to August 31, 1964.

23. Jerry Dee Schuur, Assistant Professor of Mathematics at a salary of $2500 per year on a 10-month basis effective September 1, 1963.

24. Krishna Kumar, Research Associate in Physics and Astronomy at a salary of $667 per month from September 16, 1963 to June 15, 1964.

25. Herman M. Slatis, Associate Professor of Zoology at a salary of $10,000 per year on a 10-month basis effective September 1, 1963.

26. Harold J. Spaeth, Associate Professor of Political Science at a salary of $10,000 per year from September 1, 1963 to August 31, 1964.

27. Ivan Alten, Assistant Professor of Urban Planning and Landscape Architecture at a salary of $1000 per month from September 16, 1963 to June 15, 1964.

28. Milton Powell, Assistant Professor of American Thought and Language at a salary of $7500 per year on a 10-month basis effective September 1, 1963.

29. Connie Lee Williams, Instructor in American Thought and Language at a salary of $6200 per year on a 10-month basis effective September 1, 1963.

30. Samuel M. Getty, Instructor in Surgery and Medicine at a salary of $10,500 per year on a 12-month basis effective September 1, 1963.


32. William H. Hornbaker, Specialist, Audiovisual Center at a salary of $5000 per year from September 1, 1963 to June 30, 1965.

33. John Milton Metheny, Artist in the Museum and Instructor in Art at a salary of $5500 per year on a 12-month basis effective September 1, 1963. The appointment in Art is temporary.

34. George A. Davies, Professor and Chairman of Air Science at a salary of $50 per month from September 1, 1963 to June 30, 1964.

35. John M. Engbroten, Assistant Professor of Air Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

36. Gerald T. Heyboer, Assistant Professor of Air Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

37. Donald W. Holloway, Assistant Professor of Air Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.
Appointments, continued

32. Allan M. Jokela, Assistant Professor of Air Science, at a salary of $20 per month from September 1, 1963 to June 30, 1964.

39. Edwin J. Scarff, Assistant Professor of Air Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

40. Douglas D. Stewart, Assistant Professor of Air Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

41. Morris F. Tague, Assistant Professor of Air Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

42. Robert J. Chant, Assistant Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

43. Richard M. Clohecy, Assistant Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

44. James E. Harris, Assistant Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

45. Charles F. Kell, Associate Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

46. Roger C. Loving, Associate Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

47. James L. Molain, Assistant Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

48. John W. Price, Associate Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

49. James P. Skells, Professor and Chairman of Military Science at a salary of $50 per month from September 1, 1963 to June 30, 1964.

50. William R. Stewart, Assistant Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

51. Richard A. Summers, Assistant Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

52. Robert E. Visscher, Assistant Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

53. Ralph C. Waara, Assistant Professor of Military Science at a salary of $20 per month from September 1, 1963 to June 30, 1964.

54. James Brittor, Assistant Professor of Health, Physical Education and Recreation at a salary of $7000 per year effective September 1, 1963.

55. Daniel L. Peterson, Jr., Assistant Basketball Coach and Instructor in Health, Physical Education and Recreation at a salary of $6200 per year on a 10-month basis effective September 1, 1963.

56. Daniel W. Lithwiler, Baseball Coach and Professor of Health, Physical Education at a salary of $25,000 per year on a 12-month basis effective August 16, 1963.

57. Richard Estell, Manager of Radio Broadcasting at a salary of $10,500 per year on a 12-month basis effective September 1, 1963.

Transfers

1. Denzel C. Cline, Professor of Economics, to Professor of Economics and Continuing Education with no change in salary effective September 1, 1963 through December 31, 1963.

2. D. Gordon Rahnman, Assistant Professor of English, to Assistant Professor of English and Assistant Dean for Continuing Education with an increase in salary to $11,000 per year on a 12-month basis effective September 1, 1963 through June 30, 1964. He is to revert to the former position at the expiration of this appointment.

3. Julius R. Hoffman, Associate Professor of Entomology, to Associate Professor of Entomology and Natural Science with no change in salary effective September 1, 1963.

4. Armon P. Yanders, Associate Professor of Zoology, to Associate Professor of Zoology and Assistant Dean in the College of Natural Science with an increase in salary to $14,000 per year on a 12-month basis effective September 1, 1963.

5. Duane S. Girbach, 4-H Agent in Livingston County, to Agricultural Agent of Livingston County with no change in salary effective October 1, 1963.
Transfers, continued

6. Dean R. Rhoads, 4-H Agent in Presque Isle County, to Extension Director of Schoolcraft County
   with an increase in salary to $8,500 per year on a 12-month basis effective September 1, 1963.

7. T. Harry McKinney, Assistant to the President and Associate Professor, to Associate Professor
   of Social Science with a change in status from a 12-month basis at $11,500 to a 10-month
   basis at $10,000 effective September 1, 1963.

Salary Changes

1. Salary increase for John K. Trocke, District Marketing Agent, Ottawa and Kent Counties, from
   $10,700 to $11,500 per year on a 12-month basis effective September 1, 1963.

2. Salary increase for Dexter D. Fossitt, Research Associate in Biochemistry, from $8,500 to
   $8,800 per year on a 12-month basis effective September 1, 1963 through August 31, 1964.

3. Salary increase for John X. Jamrich, Associate Dean of Education, from $17,000 to $17,800
   per year on a 12-month basis effective September 1, 1963.

4. Salary increase for Paul G. Gray, Assistant Professor of Electrical Engineering, from $5,500
   for one-fourth time to $7,800 per year on a 10-month basis, full time, effective September 1, 1963.

5. Change in salary source for James R. Brandon, Associate Professor of Speech, from account
   71-2071 to account 71-1908 from July 1, 1963 to June 30, 1964.

6. Change in conditions of leave for Hideya Kumata, Professor of Communication, from
   leave without pay from May 1, 1963 to June 30, 1963, to leave with full pay from July 1, 1963
   to June 30, 1964, paid Ford Foundation grant 71-1912.

7. Change in status of Henry G. Krause from Associate Professor and Chairman to Associate Pro-
   fessor of Engineering Instructional Services at the same salary of $11,200 per year on a
   10-month basis, effective September 1, 1963.

8. Change in conditions of leave for Joanne Eicher, Assistant Professor of Textiles, Clothing,
   and Related Arts, from leave without pay from September 1, 1963 to August 31, 1965 to
   the following:
   Leave without pay from September 1 to September 30, 1963
   Leave without pay from October 1, 1963 to June 30, 1964, paid Ford Foundation grant 71-1912
   Leave without pay July 1, 1964 to August 31, 1965
9/22

NEW BUSINESS, continued

Miscellaneous, continued

Ch. status
12. Change in status of Gordon Spink, Instructor (Research) in Biological Science, from a temporary appointment to a regular appointment subject to tenure rules, effective July 1, 1963.

Gordon Spink

Ch. effec. date Wm. Corn-
ing
13. Change in the effective date of William Corning as Assistant Professor (Research) of Biophysics from July 1, 1963 to September 23, 1963. This is to be a regular appointment subject to tenure rules rather than a temporary appointment as originally provided, and his salary is to be paid from account 71-2217.

Wm. Corn

Ch. conditions
14. Change in conditions of Sabbatical leave for Henry A. Imshaug, Associate Professor of Botany and Plant Pathology, from leave with half pay to leave with full pay from the university and half pay from a National Science Foundation grant, account 71-1670, effective from September 1, 1963, to August 31, 1964.

Henry A. Imshaug

Ch. salary source
15. Change in salary source for Thelma Arnette, Assistant Professor of Physics and Astronomy to the following, effective July 1, 1963: $5,385 from account 71-1672, $4,615 from Physics and Astronomy, and $2,000 from Mathematics.

Thelma Arnette

Ch. salary source
16. Change in salary source for Michael J. Harrison, Associate Professor of Physics and Astronomy to 75 percent from 11-3691 and 25 percent from 71-1747, effective from July 1, 1963 to June 30, 1964.

Michael J. Harrison

Ch. salary source Truman Woodruff
17. Change in salary source for Truman O. Woodruff, Professor of Physics and Astronomy, to 75 percent from 11-3691 and 25 percent from 71-1747, effective from July 1, 1963 to June 30, 1964.

Truman O. Woodruff

Ch title

Gopinath Kallianpur

Ch. status
19. Change in status of Gus Harrison from Lecturer in Police Administration and Public Safety without pay to Lecturer at a salary of $800 for the period from September 1, 1963 to December 31, 1963. He is to be continued without pay beginning January 1, 1964.

Gus Harrison

Ch status
20. Change in status of David A. Booth, Assistant Professor of Political Science and Continuing Education, from a temporary appointment to a regular appointment subject to tenure rules, effective September 1, 1963.

David A. Booth

Ch status
21. Change in status of Frank A. Pinner from Associate Professor of Political Science and Director of the Bureau of Social and Political Research to Associate Professor (Research) of Political Science and the Bureau of Social and Political Research at the same salary of $13,500 per year on a 12-month basis, effective September 1, 1963.

Frank A. Pinner

Ch. salary source Theodore Forbes
22. Change in salary source for Theodore W. Forbes, Professor of Engineering Research and Psychology, to 25 percent from 71-1721, 25 percent from 71-2696 and 50 percent from 71-2360 effective September 1, 1963.

Theodore W. Forbes

Correct appt
23. Correction in appointment of Katharin den Bleyker as Assistant Professor of Social Work from a salary of $5500 per year, effective from September 3, 1963 to June 30, 1964 to a salary of $10,000 per year on a 10-month basis, effective from September 3, 1963 to August 31, 1964.

Katharin den Bleyker

Ch title
24. Change in title of Duane L. Gibson, to Assistant Director of Continuing Education, Assistant Director of Cooperative Extension Service, and Professor of Sociology and Anthropology, effective October 1, 1963.

Duane L. Gibson

Ch. salary source S. S. Farnness
25. Change in salary source for Sanford S. Farnness, Associate Professor of Urban Planning and Landscape Architecture, to two-thirds from 11-3391 and one-third from 71-2715, effective from September 1, 1963, to June 30, 1964.

Sanford S. Farnness

Assignment
26. Assignment of Lyle Blair, Director of the NSU Press and Associate Professor, to the English Department on a part-time basis to teach one course, effective from September 1, 1963 to August 31, 1964. His salary will be paid entirely from the NSU Press budget.

Lyle Blair

ch effec.date
27. Change in status of Irvin J. Lehmann, Associate Professor of Evaluation Services, from a 10-month basis at a salary of $9,300 to a 12-month basis at a salary of $11,625 per year, effective September 1, 1963.

Irvin J. Lehmann

appt Wm. Mueller
28. Change in the effective date of the appointment of William J. Mueller as Assistant Professor in the Counseling Center from September 10 to September 11, 1963.

Wm. Mueller

Assignment
29. Assignment of Wilfred L. Veenendaal, Assistant Director and Assistant Professor of the Audiovisual Center to the Brazil Project at the same salary of $10,500 per year, effective from September 16 to November 15, 1963, paid from 71-2021.

Wilfred L. Veenendaal

Assignment
30. Assignment of Gregory A. Miller, Associate Professor of Education, to the Guatemala Project at the same salary of $11,000 per year, effective from July 22 to July 30, 1963, paid from 71-2037.

Gregory A. Miller

Assignment
31. Assignment of Eugene DeBenko, Assistant Professor of Education and Divisional Librarian in the Library, to the India Project at the same salary of $10,000 per year, effective from August 29 to October 9, 1963, paid from 71-2022.

Eugene DeBenko
NEW BUSINESS, continued

Assignment of Carl K. Eicher, Assistant Professor (Research) of Agricultural Economics, to the Nigeria Program at a salary of $11,220 per year on a 12-month basis, effective from September 23, 1963 to September 7, 1965, paid from 71-2226.

Recommendation for the following changes in the status of Iwao Ishino, Professor of Sociology and Anthropology, effective September 1, 1963, as follows:

a. Dual assignment in Sociology and Anthropology and Continuing Education with a change from a 10-month basis at a salary of $10,950 to a 12-month basis at a salary of $14,000 per year (he is assigned to the Ryukyus Project from June 1, 1963, to May 31, 1965).

b. Increase in overseas salary from $16,300 to $16,650 per year, effective September 1, 1963.

Change in salary of James W. Ney, Specialist in the Ryukyus Project, from $13,750 to $11,700 per year, effective from October 1, 1963 to August 21, 1964. Dr. Ney has moved into free on-post housing; consequently his salary is reduced.

Recommendations from the Retirement Committee, as follows:

a. Retirement furlough for Donald Hayworth, Professor of Speech, with full pay from July 1, 1963 to June 30, 1964, and retirement at a salary of $3,000 per year, effective July 1, 1964. Dr. Hayworth was born on January 3, 1925, and has been employed by the University since September 1, 1949.

b. Retirement of Arthur Converse, Electrician III in Buildings and Utilities, at a retirement salary of $2,190 per year, effective October 1, 1963. Mr. Converse was born on April 27, 1900, and has been employed by the University since October 24, 1940.

Report of the death of Leo Cecil Hughes on August 25, 1963. Mr. Hughes was born April 25, 1895, was first employed by the University on September 1, 1915, and was Professor and Head of the Department of Foreign Languages at the time of his retirement on July 3, 1946.

Report of the death of Harvey E. Kapphahn on July 21, 1963. Mr. Kapphahn was born on August 5, 1896, was first employed by the University on June 1, 1947, and was Assistant Professor of Agricultural Engineering at the time of his retirement on July 1, 1962.

Report of the death of Leonard D. Jungwirth, Professor of Art, on August 21, 1963. Professor Jungwirth was born on October 18, 1903, and was first employed by the University on September 1, 1940.

It is recommended that his salary be paid to his widow for a period of one year beyond the date of death, August 21, 1964.

Recommendations from the Director of Personnel as follows:

a. Transfer of a faculty position in Horticulture to a senior Horticulture Technician IX position with a salary range of $5,100-$6,600, paid from Experiment Station account 71-5700.

b. Establishment of a half-time Clerk-Stenographer III position in English, paid from 71-2259.

c. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position in History.

d. Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position in Business Law, Insurance, and Office Administration.

e. For the College of Education:

1) Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position.

2) Reclassify a Senior Departmental Secretary VII to an Office Assistant VIII position.

3) Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position.

4) Reclassify a Clerk-Stenographer III to a Departmental Secretary V position.

f. Establish a half-time Clerk-Stenographer III position in Mechanical Engineering.

g. Reactivate a Clerk-Typist II position in the Science and Mathematics Teaching Center, paid from account 71-2724.

h. Establish a Senior Clerk-Stenographer V position in Police Administration and Public Safety, paid from account 71-2346.

i. Establish an Executive Secretary VIII position in Political Science.

j. Reclassify a Principal Clerk VI to an Office Assistant VIII position in Alumni Relations.

k. Reclassify an Assistant Editor, News Bureau, AP-I to an Associate Editor, News Bureau, AP-IV position in Information Services.

l. Transfer an Associate Sports Editor AP-II position from Television Broadcasting to a Sports Editor AP-V position in Radio Broadcasting.

m. For Television Broadcasting:

1) Reclassify an Assistant Television Chief Engineer AP-VI to a Sr TV Engr XI position.

2) Reclassify a Television Engineer X to a Senior Engr XI position.

n. Establish a Teller III position in Public Safety.

o. For Institutional Research:

1) Establish a Senior Departmental Secretary VII position, paid from 71-2226.

2) Establish a Clerk-Stenographer III position, paid from 71-2226.

p. Establish a Keypunch Operator IV position in Data Processing, paid from 21-2260.

q. Reclassify two Clerk I to Senior Clerk IV positions in Brody Hall.

r. Establish two Telephone Operator I positions in the Telephone Office.
September 23, 1963

NEW BUSINESS, continued

Miscellaneous, continued

41. Approval of the payment of $217,254 to faculty members for teaching in the second 5-week summer school. The total summer school cost for 1963 is $617,885, of which $400,631 has been previously approved.

42. Approval of granting the appropriate degrees to those students who according to the records of the Registrar completed the requirements for graduation at the end of the summer quarter 1963. List on file in Registrar's Office.

43. Alterations in offices in the Library to provide room for Kermit Smith at an estimated cost of $4,800 to be charged to Alterations and Improvements 1963-64.

On motion by Mr. Stevens, seconded by Mr. Vanderploeg, it was voted to approve Items 1 through 43.

44. Workmen's compensation report for January 1 to June 30, 1963:

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<tr>
<th>Description</th>
<th>Amount</th>
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<tr>
<td>Amount paid as accident time</td>
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<td>Amount paid as compensation</td>
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<tr>
<td>Off-campus medical services</td>
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45. Discussion of the report of the Advisory Committee on Campus Spraying with reference to the control of Dutch elm disease and the possible preservation of birds and wildlife at the same time.

On motion by Dr. Smith, seconded by Mr. Harlan, it was voted to receive the report of the Advisory Committee on Campus Spraying, with the understanding that funds will be made available to make it effective.

Gifts and Grants


2. Gift of a house trailer valued at $1,000 from the Michigan Department of Health for use in Entomology for facilitating research work.

3. Gift of an X-ray house trailer valued at $1,000 from the Michigan Department of Health for use in Entomology in Field work.


5. Grant of $10,46 from Neil R. Bridge, Jr., of Saginaw for a student loan fund.

6. Grant of $2,000 from The Henry Strong Educational Foundation of Chicago to continue a student loan fund.

7. Grant of $170 from friends and business associates of Maury Mayer for the Mayer Student Loan Fund.

8. Grant of $265 from James D. Boett of Cincinnati, Ohio, to be added to the Gertrude Davis Memorial Student Loan Fund.

9. Grant of $250 from Glen Swarthout of Scottsdale, Arizona, for the 1964-65 Swarthout English Award.

10. Grant of $7,500 from the Alvin M. Bentley Foundation of Owosso to provide ten scholarships for the 1963-64 school year.

11. Grant of $200 from The Chicago Farmers of Chicago for a scholarship for a student in Agriculture. The recipient is to be selected prior to the beginning of his senior year, the selection to be based on satisfactory scholarship, extra-curricular activities indicating leadership ability, and financial need.

12. Grant of $3,000 from Gerber Baby Foods of Fremont to provide scholarships for undergraduate students in Food Science.

13. Grant of $1,500 from Mrs. N. M. Gertstucker of Midland to establish the Rollin M. Gertstucker Opportunity Award. The recipient is a junior in marketing and is to receive the money in equal installment over a 2-year period. Upon graduation, the endowment life insurance policy to establish an "opportunity award" in his name, thereby passing on the assistance to another student.

14. Grant of $200 from friends and associates of J. Harold Meech to establish the Memorial Scholarship Fund.

15. Grant of $1,500 from Moorman Manufacturing Company of Quincy, Illinois, for the Moorman Scholarships in Agriculture.

16. Grant of $4,000 from the National Machinery Foundation, Inc., of Tiffin, Ohio, to provide a 4-year scholarship for a daughter of a Company employee. The money is to be pro-rated on the basis of $1,000 per year.
Gifts and Grants, continued

17. Grant of $350 from Harwood Phend of Lansing to provide scholarships for students in the junior engineering and Science Summer Institute.

18. Grant of $1,800 from the Production Credit Association of St. Paul, Minnesota, to establish 6 annual scholarships of $300 each for students who are enrolled in the College of Agriculture, have a farm background, and are residents of Michigan.

19. Grant of $250 from the Women's Advertising Club of Detroit to provide a scholarship for a woman majoring in the field of advertising.

20. Grants as follows to continue previously established scholarships:
   a. For the Michigan Bankers Scholarship: $200 from the Clinton National Bank and Trust Company of St. Johns
      $100 from The Old Corunna State Bank of Corunna
   b. $400 from The Central Soya Foundation of Fort Wayne, Indiana, for the Elevator Scholarship Fund, 31-331.
   c. From the Farmers & Manufacturers Beet Sugar Association of Saginaw: $263 to fulfill the 1963 scholarship commitment for a student in Home Economics
      $500 to fulfill the 1963 scholarship commitment for a student in Agriculture
   d. $29,890 from the William and Sarah E. Himman Endowment Fund for the 1963-64 year

21. Grants as follows to be used for scholarships for specified students:
   $500 from The Abbott Foundation of North Chicago, Illinois
   $500 from the Maud Ainslie Scholarship Fund of Louisville, Kentucky
   $2,000 from the Allen Park Council Parent Teachers' Association of Allen Park, Michigan
   $200 from Alpha Kappa Alpha Sorority of Inkster, Michigan
   $100 from the American Classical League of Oxford, Ohio
   $100 from the American Legion Auxiliary of Detroit
   $300 from the American Legion, Department of Michigan of Detroit
   $750 from the American Legion, Society of Tool and Manufacturing Engineers of Rochester, N.Y.
   $650 from Armez Foundation of Middletown, Ohio
   $300 from Berksley High School of Berksley
   $1,000 from the Greater Detroit Chevrolet Dealers Association of Detroit
   $100 from the Citizens Scholarship Foundation of Boston
   $350 from The Cook Foundation of Hamden, Connecticut
   $200 from the Thomas J. Cooke Memorial Scholarship Fund of Waterbury, Connecticut
   $1,000 from the Corson Scholarship Fund of Pittsburgh, Pennsylvania
   $200 from the Davis Foundation of Tupelo, Mississippi
   $200 from the Degree of Honor Protective Association of St. Paul, Minnesota
   $500 from the Dolphin Scholarship Foundation of Norfolk, Virginia
   $300 from the Fort Knox Dependent Schools Fund of Fort Knox, Kentucky
   $500 from the Greater Detroit Chevrolet Dealers Association of Detroit
   $200 from Frank Gannett Newspaperboy Scholarships, Inc., of Rochester, New York
   $100 from the Garden City Rotary Foundation, Inc., of Garden City
   $100 from the Government Employees Exchange, Inc., of Baperville, Georgia
   $300 from the Grand Lodge of Free and Accepted Masons of Dearborn
   $300 from the Greenville Teachers Club of Greenville
   $100 from Hastings High School of Hastings
   $100 from Homewood-Flossmoor High School of Flossmoor, Illinois
   $1,000 from Houston Endowment, Inc., of Houston, Texas
   $300 from the Interfor Club of Marblehead, Massachusetts
   $300 from the Ionia County Home Demonstration Council of Orleans
   $5,950 from the Jewel Tea Company of Melrose Park, Illinois
   $350 from the Jewish War Veterans of the United States of Detroit
   $100 from Junior Achievement of Grand Rapids, Inc.
   $100 from the Junior Achievement Scholarship Fund of Grand Rapids
   $500 from the Kalamazoo Gazette
   $500 from the Joseph F. Kenter Foundation of Cincinnati
   $500 from Kearny High School of Kearny, New Jersey, for a Keno Chemical Company Scholarship
   $200 from the Wesley E. Kettelkamp Scholarship Fund of University City, Missouri
   $300 from Key biscayne Woman's Club of Miami, Florida
   $1,000 from the Kirsch Foundation of Sturgis
   $200 from Greater Lansing Youth Council Scholarship Fund
   $300 from the Staff Non-Commissioner Officers Wives Club of Camp LeJeune, North Carolina
Gifts and Grants, continued

21. Scholarship grants for specified students, continued:

- $100 from Lincoln Drugs, Inc., of Oak Park
- $700 from the Lockheed Management Club of Marietta, Georgia
- $1,691.68 from the M & S Manufacturing Company of Hudson
- $1,475 from the Bernard L. Maas Foundation of Detroit
- $250 from the Manistee County Alumni Club of Manistee
- $100 from the Mays Landing Parent Teachers Association of Mays Landing, New Jersey
- $1,200 from the John McKee Scholarship Committee of Havertown, Pennsylvania
- $72 from the Michigan Home Economics Council of Kalamazoo
- $1,000 from the Mine Safety Appliances Company of Pittsburgh, Pennsylvania
- $250 from the Mooseheart Alumni Association of Mooseheart, Illinois
- $100 from the Mt. Clemens Art Association of Mt. Clemens
- $200 from the Mount Prospect Woman's Club of Mt. Prospect, Illinois
- $250 from the National Merit Scholarship Corporation of Evanston, Illinois
- $200 from the National Phillips Wheatley Foundation of Cleveland, Ohio
- $500 from the National Restaurant Foundation of Chicago.
- $300 from the New Trier Girls Club of Winnetka, Illinois
- $100 from the Northville PTA of Northville
- $300 from the Northville Teachers Club of Northville
- $250 from the Oakcrest Scholarship Foundation of Mays Landing, New Jersey
- $1,200 from Dorothy W. Offield of Chicago for the Dorothy Wrigley Offield Charity Fund Scholarship
- $250 from the Quill and Scroll Foundation of Iowa City, Iowa
- $500 from the Halston Purina Company of St. Louis, Missouri
- $300 from the Rochester Community PTA Council of Rochester
- $750 from Rockford High School
- $200 from the Saxon Athletic Boosters of Hastings
- $500 from the W. P. Snyder Charitable Fund of Pittsburgh
- $300 from the Solon High School PTA of Solon, Ohio
- $100 from Summersfield Schools of Petersburg
- $750 from the John J. Thelen Foundation of St. Joseph
- $500 from the Wacomida Foundation, Inc., of St. Joseph
- $750 from the Trenton Public Schools
- $250 from the Wamogo Regional High School of Litchfield, Connecticut
- $50 from the Warren PTA of Warren, Massachusetts
- $350 from the Wayne Memorial High School of Wayne
- $1,500 from the John and Elizabeth Whiteley Foundation of Lansing
- $705 from Charles L. Wilson of Detroit
- $1,000 from the Women's Benefit Association of Port Huron
- $300 from the Women's Association Memorial Hospital of St. Joseph

22. Approval of a memorandum of agreement with the State Association of Mutual Insurance Companies of Lansing covering a grant of $3,000 to be used under the direction of R. G. Pfister in Agricultural Engineering to aid in support of the Extension program in safety and fire prevention.

23. Continuation of an agreement with the California Packing Corporation of Rochelle, Illinois, covering a grant of $2,000 to be used under the direction of B. A. Stout in Agricultural Engineering and S. K. Bies in Horticulture to continue research on the development of a mechanical tomato harvester.

24. Renewal of memoranda of agreement covering grants to be used under the direction of R. J. Evans in Biochemistry, as follows:
   a. $2,500 from the Foundation for Cotton Research and Education of Memphis, Tennessee, to study the biological action of cyclopropane ring fatty acids on fat metabolism.
   b. $2,500 from the National Cottonseed Products Association of Memphis, to determine the minimum levels of cyclopropene ring fatty acids contained in cottonseed oil necessary to produce egg white discoloration.

25. Grant of $10,500 from the Michigan State Highway Department to be used under the direction of J. B. Board in Crop Science to develop improved seed mixtures, fertility practices, and mulching practices for use in highway roadside establishments.

26. Renewal of memoranda of agreement covering grants to be used under the direction of J. E. Grafius in Crop Science, as follows:
   a. $6,000 from the Malting Barley Improvement Association of Milwaukee, to support research toward incorporating maltling quality into winter barley.
   b. $2,500 from the Michigan Brewers' Association of Detroit to provide technical assistance for the barley genetic and plant breeding projects.

27. Grant of $550 from the Regional Plant Introduction Station at Iowa State University at Ames to be used under the direction of C. M. Harrison in Crop Science for an evaluation of a possible new crop plant.

28. Grant of $2,400 from Ralston Purina Company of St. Louis, Missouri, to be used in the Dairy Department as an award to a graduate student.
Gifts and Grants, continued

29. Grants as follows to be used under the direction of E. C. Rossman in Crop Science:
   a. $150 from the Regional Plant Introduction Station at Iowa State University at Ames for increasing seed of 10 open-pollinated corn varieties.
   b. $13,934 from the Michigan Certified Seed Corn Producers Association of East Lansing for research on the improvement of field corn for Michigan farmers, studies of breeding methods and inheritance studies.

30. Renewal of a memorandum of agreement with the Wisconsin Cooperative Bull Studs and the National Association of Artificial Breeders of Westby, Wisconsin, covering a grant of $6,000 to be used under the direction of H. D. Haf's in Dairy for research on electrophoretic separation of X- and Y-chromosome bearing sperm from rabbits and bulls in an effort to control the sex ratio of their offspring.

31. Grant of $1,400 from the Michigan Artificial Breeders Cooperative, Inc., of East Lansing to be used under the direction of C. E. Meadows in Dairy for the support of research.

32. Approval of a memorandum of agreement with the Michigan Cherry Commission of Grand Rapids covering a grant of $2,000 to be used under the direction of C. L. Bedford in Food Science to determine the factors involved in the freezing of Montmorency red cherries as individually quick frozen.

33. Grant of $9,000 from the National Live Stock and Meat Board of Chicago to be used under the direction of A. M. Pearson and L. J. Bratstler in Food Science for a study of the factors influencing the eating qualities of beef.

34. Grant of $9,960 from the National Institutes of Health of Bethesda to be used under the direction of Pericles Markakis in Food Science for research on the metabolism of anthocyanin pigments.

35. Renewal of a memorandum of agreement with Masonite Corporation, Research Department, of St. Charles, Illinois, covering a grant of $4,050 to be used under the direction of Otto Suchland in Forest Products for studies of the mechanical and physical behavior of hardboard as influenced by process variables.

36. Grants as follows to be used under the direction of J. W. Goff in the School of Packaging for research on the control of damage and the sealing of packaging materials at high machine speeds:
   a. $3,000 from The Procter & Gamble Company of Cincinnati
   b. $3,000 from the Koppers Company, Inc., of Monaca, Pennsylvania
   c. $3,000 from the Avis Industrial Corporation of Roseville
   d. $3,000 from The Mead Corporation of Cincinnati
   e. $3,000 from Esso Research and Engineering Company of Linden, New Jersey
   f. $9,000 from General Motors Corporation of Detroit
   g. $9,000 from W. R. Grace Company, Research Division, of Clarksville, Maryland, to be used under the direction of D. P. White in Forestry for research on the use of metal ammonium phosphates as slow release nutrient sources in tree nutrition.

38. Approval of a memorandum of agreement with the Stockbridge Vegetable Producers, Inc., of Stockbridge, covering a grant of $500 to be used under the direction of Deran Markarian in Horticulture to increase seed from selected head samples of lettuce.

39. Approval of a memorandum of agreement with the Foundation for Future Florists of Detroit covering a grant of $9,600 to be used under the direction of Otto Suchland in Forest Products for studies of the mechanical and physical behavior of hardboard as influenced by process variables.

40. Grant of $290.50 from the National Academy of Sciences of Washington, D.C., to be used under the direction of S. H. Wittwer in Horticulture for financial support for a graduate student.

41. Approval of memoranda of agreement as follows covering grants to be used under the direction of N. K. Ringer in Poultry Science to study the development of criteria to evaluate chemical effects of pesticides with special reference to reproductive, nervous, and cardiovascular systems in birds:
   a. $5,000 from The Dow Chemical Company of Midland
   b. $600 from the Michigan Department of Conservation
   c. $3,600 from the Department of the Interior, Bureau of Sport Fisheries and Wildlife, of Washington, D.C.

42. Approval of a memorandum of agreement with the Ciba Pharmaceutical Company of Summit, New Jersey, covering a grant of $1,600 to be used under the direction of F. J. Schable in Poultry Science to tranquilize adult female mink, particularly those that have resisted previous attempts at matings by orthodox methods, so that they may be bred and produce litters more easily.

43. Grant of $250 from the Gratiot Bean Growers Association of Breckenridge to be used under the direction of J. F. Davis in Soil Science to help pay for an experimental bean thresher.
NEW BUSINESS, continued

Gifts and Grants, continued

44. Grants as follows to be used under the direction of R. L. Cook in Soil Science to help defray expenses for the North Central Meetings of the American Society of Agronomy:
   a. $187.50 from the American Agricultural Chemical Company of Detroit
   b. $150 from the Farmers and Manufacturers Beet Sugar Association and the Michigan Foundation Seed Association of Saginaw and East Lansing

45. Approval of a memorandum of agreement with the Geigy Agricultural Chemicals Division of the Geigy Chemical Corporation of Yonkers, New York, covering a grant of $2,000 to be used under the direction of B. G. Ellis and J. F. Davis in Soil Science to determine the role of zinc in the growth of farm crops in Michigan soils.

46. Renewal of a memorandum of agreement with The Edward C. Levy Company of Detroit covering a grant of $2,000 to be used under the direction of H. O. Barbour in Hotel, Restaurant, and Institutional Management to help conduct a program of training seminars for hotel and restaurant managers.

47. Renewal of a memorandum of agreement with the Tennessee Valley Authority of Wilson Dam, Alabama, covering a grant of $4,750 to be used under the direction of R. D. Roll and J. A. Porter, and L. S. Robertson in Soil Science to study the role of lime in agriculture, specifically from the standpoint of the relationship between the mineral composition of the clay and the release of calcium at different pH levels.

48. Grant of $200 from the French Government to be used under the direction of S. R. Townsend in Foreign Languages to encourage the study of the French language and French civilization.

49. Grant of $6,169.02 from the United States Air Force to be used under the direction of J. D. Edwards in Accounting and Financial Administration for the educational program of the United States Air Force Comptrollership Officers.

50. Grants as follows to be used under the direction of H. O. Barbour in Hotel, Restaurant, and Institutional Management:
   a. $4,500 from the Founders' Fund, Institute of Applied Hotel Economics, of Detroit for grants to faculty members for study and research in the field of hospitality administration.
   b. $3,150 from the Brunswick Corporation of Chicago to cover miscellaneous costs involved in research for Recreation Center administration.

51. Grants as follows to be used under the direction of C. M. Campbell in Education for the preparation of programs of administrative personnel for community school settings:
   a. $550 from the National Retail Merchants Association of New York City for retailing research
   b. $1,500 from Kysor Industrial Corporation of Cadillac to support graduate study and research
   c. For the Mass Marketing Management program—$1,000 of each grant to a recipient and $500 for the administration of the program:
      1) $1,500 from Campbell Soup Company of Camden, New Jersey
      2) $1,500 from La Choy Food Products (Division of Beatrice Foods Company) of Archbold, Ohio
      3) $1,500 from Philip Morris, Inc., of New York City
      4) $1,500 from Savannah Sugar Refining Corporation of Savannah, Georgia
      5) $1,500 from The Sperry and Hutchinson Company of New York City
      6) $1,500 from Star-Kist Foods, Inc., of Terminal Island, California
      7) $1,500 from Tyler Refrigeration Corporation of Miles

52. Grant of $3,600 from the National Association of Purchasing Agents of New York City to be used under the direction of J. H. Haagland in Management for the support of a doctoral candidate studying fluctuations of purchasing inventory policies in steel.

53. Grant of $65,414 from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration of Washington, D.C., to be used under the direction of H. J. Oyer in Speech to train individuals in speech and hearing therapy and methods of clinical rehabilitation, and to provide funds for instructional supervisory personnel.

54. Grant of $70,000 from an anonymous donor to be used under the direction of E. O. Melby and C. M. Campbell in Education for the preparation of programs of administrative personnel for community school settings.

55. Grant of $13,170 from the Department of Health, Education, and Welfare of Washington, D.C., to be used under the direction of Elizabeth Drew in Education for a summary informational film on the effectiveness of special training with audiovisuals in guidance and counseling.

56. Grant of $25,000 from the Midwest Program on Airborne Television Instruction, Inc., of Lafayette, Indiana, to be used under the direction of John X. Jamrich in Education to provide professional assistance in the utilization and evaluation of instructional television.

57. Grant of $21,960 from the Department of Health, Education, and Welfare of Washington to be used under the direction of Norman Kagan in Education for the payment of stipends to enrollees in Summer Session MBE Counseling and Guidance Training Institute.

58. Grant of $108,038 from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, of Washington to be used under the direction of G. A. Miller in Education to continue training rehabilitation counselors.
Gifts and Grants, continued

59. Grant of $700 from The Babcock and Wilcox Company of New York City to be used under the direction of Dean Ryder in Engineering to aid engineering and technical education.

60. Grant of $500 from the Foundry Educational Foundation of Cleveland, Ohio, to be used under the direction of A. J. Smith in Metallurgy, Mechanics, and Materials Science for travel and incidental expenses.

61. Grant of $975 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of Olaf Mickelsen in Foods and Nutrition to conduct a pilot feeding study on rats with crystalline cycasin and furnish a report of results and selected tissue samples.

62. Grant of $55,106 from the Department of Health, Education, and Welfare of Washington to be used under the direction of Leroy Augenstein in Biophysics to find biochemical changes in enzyme inactivation by radiation.

63. Approval of a memorandum of agreement with the Michigan Blueberry Growers' Association of Grand Junction covering a grant of $1,500 to be used under the direction of E. H. Barnes in Botany and Plant Pathology to investigate the etiology and incidence of a new disease of blueberries in Michigan.

64. Grants as follows to be used under the direction of E. S. Beneke in Botany and Plant Pathology:
   a. $12,580 from the National Institutes of Health for the selection of Oncostatic strains of gigantea.
   b. $5,968 from The Michigan Cancer Foundation of Detroit to study the biochemical requirements for production of the tumor-inhibiting substance in Boletus adults, a mushroom.

65. Grant of $64,000 from the National Science Foundation to be used under the direction of J. E. Cantlon in Botany and Plant Pathology for research on mechanisms in community organizations.

66. Grant of $250 from the Charles F. Kettering Foundation of Dayton, Ohio, to be used under the direction of R. E. Good in Botany and Plant Pathology to provide travel to national meetings for a staff member.

67. Renewal of a memorandum of agreement with the American Cyanamid Company of New York City covering a grant of $1,000 to be used under the direction of E. J. Klos in Botany and Plant Pathology to study the fungicidal activity of n-dodecylguanidine acetate against apple scab and cherry leaf spot.

68. Grant of $3,760 from The Michigan Cancer Foundation of Detroit to be used under the direction of H. H. Murakishi in Botany and Plant Pathology to study certain factors which affect the production of antiviral substances in infected plants.

69. Grant of $49,800 from the National Science Foundation to be used under the direction of R. P. Scheffer in Botany and Plant Pathology for study of parasitism and disease development in plants.

70. Grants as follows to be used under the direction of A. I. Popov in Chemistry:
   a. $1,000 from the Monsanto Chemical Company of St. Louis, Missouri, to support summer research fellows.
   b. $1,041 from E. I. duPont De Nemours and Company of Wilmington, Delaware, to support a postgraduate teaching assistant.
   c. $15,453 from the United States Army Research Office of Durham, North Carolina, for exploratory basic research in physical sciences.
   d. $12,000 from the National Science Foundation for the purchase of a recording broad range spectrophotometer.

71. Grant of $18,232 from the United States Army Research Office of Durham, North Carolina to be used under the direction of Harold Hart in Chemistry for exploratory basic research in physical sciences (reactions of aryl carbonium ions).

72. Grant of $21,940 from the American Chemical Society of Washington, D.C., to be used under the direction of G. J. Karabatos in Chemistry for a study of Carbonium Ion rearrangements.

73. Grant of $11,000 from the American Chemical Society, Petroleum Research Fund, of Washington, D. C., to be used under the direction of J. B. Kinsinger in Chemistry for research on solution properties and microstructure of Poly-Olefins.

74. Grant of $12,300 from the National Science Foundation of Washington to be used under the direction of T. Y. T. Yen in Mathematics to study properties of Abelian groups and their subgroups of automorphisms.

75. Grant of $6,496 from the Department of Health, Education, and Welfare of Washington to be used under the direction of Florence C. Kempf in Nursing to increase the number of graduate nurses qualified for positions as teachers and administrators in schools of nursing and as supervisors and administrators of nursing services in hospitals and in public health agencies.
Gifts and Grants, continued

6. Grant of $50,525 from the United States Atomic Energy Commission of Argonne, Illinois, to be used under the direction of Hugh McManus in Physics and Astronomy for theoretical investigation of scattering problems, including the scattering of particles by nuclei.

7. Grant of $50,846 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of D. J. Montgomery in Physics and Astronomy to search for possible effects of magnetic fields on biological processes.

8. Grant of $300 from Richard J. Ball of Owosso to be used under the direction of S. H. Bartley in Psychology for visual research.

9. Grants as follows to be used under the direction of G. J. Aldridge in Social Work:
   a. $1,000 from the Community Services Council of Lansing for graduate education for one student.
   b. $22,147 from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, of Washington to assist in the preparation of graduate social work students for employment in physical and mental rehabilitation settings.

10. Grant of $1,800 from The Pittsburgh Plate Glass Foundation of Pittsburgh to be used under the direction of Hyles Boylan in Urban Planning and Landscape Architecture as a fellowship grant for a Master's candidate.

11. Grant of $10,200 from the National Science Foundation to be used under the direction of W. G. Eishin in Natural Science to determine the effects of Parental water and of body hydration upon certain behavioral responses of land snails.

12. Grant of $15,000 from The American Cancer Society, Inc., of New York City to be used under the direction of J. J. Stockton in Microbiology and Public Health to support fundamental studies related to cancer.

13. Grant of $9,775 from The American Cancer Society, Inc., of New York City to be used under the direction of W. N. Mack in Microbiology and Public Health for studies on the Verruca virus.

14. Grant of $56,297 from the National Aeronautics and Space Administration of Washington, D. C., to be used under the direction of W. D. Collins in Physiology and Pharmacology for cardiovascular and kidney blood flow studies in mammals.

15. Grants as follows to be used under the direction of Joseph Meites in Physiology and Pharmacology:
   a. $4,600 from the Michigan Cancer Foundation of Detroit to determine the relation of the Neuroendocrine system to the development of pituitary and mammary cancers.
   b. $2,920 from the National Institutes of Health for a foreign postdoctoral fellowship grant.

16. Grant of $172,500 from the National Science Foundation to be used under the direction of Allan Dicker in Research Development to develop simplified systems of measuring, recording, and reporting university facilities and manpower related to research, instruction, and extension.

17. Grant of $1,000 from the Institute of Science Technology of Ann Arbor to be used under the direction of L. L. Quill in Research Development to survey the trend in research expenditures for approximately a 15-year period.

18. Grant of $202,000 to be used under the direction of Dean Taggart in International Programs to continue advisory assistance to the Government of Pakistan in connection with the establishment of two academies for rural development in East and West Pakistan.

19. Grant of $11,500 from The Rockefeller Foundation of New York City to be deposited in the Discretionary Gift Fund. This is an outright grant in appreciation for courtesies extended to Rockefeller Foundation fellows.
Gifts and Grants, continued

95. Grant of $25,000 from Benjamin H. Anibal of Birmingham to the MSU Development Fund to help furnish and equip the Engineering Library in the new Engineering building.

96. Grant of 35 shares of Eaton & Howard Stock Fund valued at $476.70 from Mr. and Mrs. Mark V. Burlingame of Chicago. This is payment of their 1963 MSU Associates pledge.

97. Grant of $2,400 from the Gerber Baby Foods Fund of Fremont to be credited to the Discretionary Gift Fund. This grant is made in conjunction with scholarships granted by the Fund to 12 students who have enrolled at the University.

On motion by Mr. Huff, seconded by Mr. Vanderploeg, it was voted to accept the Gifts and Grants.

Reports for Board Members

1. The following alterations and improvements have been approved since the July Trustees' meeting and charged to Alterations and Improvements L1-5173:

   a. Convert Room 105 Music Building to secretarial office, alterations to Room 107, and improve lighting in Room 105
      $1,050
   b. Renovations to Room 3, Journalism Building Photographic Laboratory
      500
   c. Following alterations to Room 121, Women's IM Building:
      1) Rework south door to Dutch door
      2) Cut service window west wall
      3) Fabricate and install basketball rack south wall
      4) Cut service window east wall
      1,300
   d. Continue Job 7559 (alterations to Old Chemical Engineering Building) for Botany
      2,450
   e. Install new door between corridor on east side of old pool area of Women's IM Building
      1,000
   f. Partition hall space in Marshall Hall to create office area for Economics
      1,800
   g. Install conduit to connect all existing floor outlets in Kresge Art Center
      725
   h. Install 200-volt 3-base line for liquid nitrogen storage facilities-Physics
      225
   i. Install acoustical tile in Rooms 413 and 414 Olds Hall for Police Adm.
      940
   j. The following alterations were paid from two accounts:
      Alterations to Room 318 Gilmore Hall for Microbiology:
      From Alterations and Improvements L1-5173
      $1,420
      From Microbiology and Public Health L1-5943
      1,420
      Total from Alterations and Improvements L1-5173
      $10,400
      Total from L1-5943
      400
      Grand Total
      $10,800

2. Additional payments to salaried employees since the July Board meeting, as per list on file.

OAKLAND UNIVERSITY

Resignations and Terminations

1. Loren Pope, Assistant to the Chancellor and Lecturer in Great Issues, September 30, 1963.

2. Robert W. Holmes, Assistant Dean of Music Students with the rank of Assistant Professor, September 30, 1963.

Appointments

1. Thomas M. Coppe, Assistant Librarian, at a salary of $6000 per year on a 12-month basis, effective August 12, 1963 to June 30, 1964.

2. Gottfried Briegele, Assistant Professor of Chemistry at a salary of $8200 per year on a 10-month basis effective August 15, 1963.

Transfers

1. Robert O. Hoopes, Assistant to the Chancellor and Professor and Chairman of the Department of English to Professor and Chairman of English at a salary of $17,500 on a 12-month basis effective July 1, 1963.

Miscellaneous

1. Recommendations from the Director of Personnel, as follows:
   a. Reclassify a Curator VIII to an Administrative Assistant, Science and Engineering Division, AP-I position
   b. Establish a Cashier and Voucher Auditor AP-I position in the Business Office.

Gifts and Grants

1. Gift of an upright Sohner piano valued at $300 from Dean George T. Matthews of Rochester for use in the Music Department.

2. Gift of 12 plate glass mirrors and 5,000 yards of decorating paper valued at $1,893 from Travis Farms of Lakeville for use in intramural sports and recreation building program.
September 20, 1963

OAKLAND UNIVERSITY, continued

Gifts and Grants, continued

3. Grants for scholarship purposes, as follows:

a. For scholarship account 92-3225:
   $500 from the Rochester Pappger Company of Rochester
   $100 from Mr. and Mrs. O. B. Daugharty of Orchard Lake
   $100 from The Holley Foundation of Warren
   $50 from Anne Kyes of Bloomfield Hills
   $50 from Chancellor Varner

b. For scholarship account 30-3226:
   $200 from Mrs. D. N. Curry of Royal Oak
   $500 from Mrs. William T. Gossett of Bloomfield Hills
   $25 from the Lawyers Wives of Macomb County of Utica
   $500 from the Oakland University Tribute Fund
   $500 from the Rochester Junior Women's Club of Rochester
   $100 from James C. Zeder of Bloomfield Hills

c. For specified students, account 92-3359:
   $100 from The American Legion of Detroit
   $300 from the Auburn Heights Community Scholarship Loan Fund
   $100 from Berkley High School
   $250 from the First Congregational Church of Wayne
   $25 from Mrs. William T. Gossett of Bloomfield Hills
   $32½ from the Lambda Chi Omega National Sorority of Pontiac
   $200 from the National Secretary's Association of Detroit
   $500 from the Pontiac Council of PTA's
   $200 from the Waterford Township High School of Pontiac
   $200 from the Wayne Federation of Teachers of Wayne

4. Grant of $10,000 from Mrs. Graham J. Graham of Bloomfield Hills to be used under the direction of Chancellor Varner for the renovation of the lower level of the Intramural Building for the establishment of a temporary theater. The donor requests no public notice.

5. Grant of $500 from Katharine Kyes of Bloomfield Hills to be used under the direction of Chancellor Varner to enrich the Kresge Library resources in the field of English literature.

6. Grant of $18,000 from the National Defense Student Loan Program of Washington, D.C., to be used under the direction of Chancellor Varner for student loans.

7. Grant of $4,200 from the National Science Foundation of Washington, D.C., to be used under the direction of Paul Tomboulian in Chemistry for support of the undergraduate science program.

8. Grant of $400 from the Pontiac Civitan Club to be used under the direction of Chancellor Varner for the support of the establishment of an Inter-Faith Religious Center on the Oakland University campus.

9. Grant of $25,000 from the General Motors Corporation Research Laboratories to be used under the direction of Chancellor Varner for the support of the magnetism research program.

10. Grant of $5,000 from the Sage Foundation of Detroit to be used under the direction of Chancellor Varner as an unrestricted gift.

11. Grant of $5,000 from the McGregor Fund of Detroit to be used under the direction of Chancellor Varner to finance the second annual symposium in the arts.

On motion by Mr. Carlan, seconded by Mr. Stevens, it was voted to approve all Oakland University items.

ADDITIONAL ITEMS - Resignation


Appointments

1. Fred W. Eckert, Professor of Hotel, Restaurant and Institutional Management at a salary of $7,150 for the period September 1, 1963 to December 31, 1963.

2. Thomas V. Telder, Instructor in Education at a salary of $7,000 per year on a 10-month basis effective September 1, 1963.


On motion by Mr. Stevens, seconded by Dr. Smith, it was voted to approve the above Resignations and Terminations and Appointments.

Miscellaneous

1. Recommendation from the Retirement Committee for the retirement of James Hicks, employee in Buildings and Utilities, at a retirement salary of $993 per year, effective September 1, 1963. Mr. Hicks was born on August 16, 1895, and was employed by the University from March 4, 1946 to June 30, 1961.

On motion by Mr. Merriman, seconded by Mr. Vanderploeg, it was voted to approve the retirement of Mr. Hicks.

2. Report of the death of Bernard B. Proulx September 15, 1963. Mr. Proulx was born on Nov. 10, 1904, and was first employed by the University July 1, 1922.
3. On September 12 the following bids were received for the installation of flood lighting on 10 tennis courts south of the Stadium:

<table>
<thead>
<tr>
<th></th>
<th>Base Bid</th>
<th>Alternate No. 1</th>
<th>Alternate No. 2</th>
<th>Alternate No. 3A</th>
<th>Alternate No. 3B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barker-Fowler</td>
<td>$13,965</td>
<td>$625</td>
<td>$15,595</td>
<td>+$725</td>
<td>+$550</td>
</tr>
<tr>
<td>Central Electric</td>
<td>14,730</td>
<td>+ 427</td>
<td>+ 2,027</td>
<td>nc</td>
<td>nc</td>
</tr>
<tr>
<td>Hall Electric</td>
<td>15,333</td>
<td>- 587</td>
<td>+ 2,254</td>
<td>nc</td>
<td>nc</td>
</tr>
<tr>
<td>Lansing Electric Motors</td>
<td>16,420</td>
<td>- 746</td>
<td>+ 1,560</td>
<td>+ 740</td>
<td>+ 740</td>
</tr>
<tr>
<td>Natzel &amp; Buehler</td>
<td>17,750</td>
<td>- 450</td>
<td>+ 2,100</td>
<td>nc</td>
<td>nc</td>
</tr>
</tbody>
</table>

It is recommended that a contract be awarded Barker-Fowler, the low bidder, on the base bid plus Alternate No. 2 for $15,590. Alternate No. 2 will provide aluminum poles and materially reduce future maintenance.

On motion by Mr. Stevens, seconded by Dr. Smith, it was voted to approve Item 2.

The meeting adjourned at 3:50 p.m.

The next meeting will be held October 23, 1963, with an informal dinner Thursday evening, October 24.

[Signature]
President

[Signature]
Secretary