MINUTES OF THE MEETING
of the
FINANCE COMMITTEE
March 17, 1960

The Finance Committee convened at Kellogg Center at 7:00 a.m. for breakfast.

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

Absent: Mr. Vanderplug.

Scudder, Stevens and Clark and Mr. Earl H. Cress recommended action on the following investment items:

1. Pension & Retirement Fund

<table>
<thead>
<tr>
<th>Amount</th>
<th>Security</th>
<th>Approx. Price</th>
<th>Principal Income</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>$35,000</td>
<td>Metropolitan Toronto 5s-1970</td>
<td>99½</td>
<td>$34,825</td>
<td>$1,750</td>
</tr>
<tr>
<td>$13,000</td>
<td>Metropolitan Toronto 5s-1974</td>
<td>99½</td>
<td>12,935</td>
<td>650</td>
</tr>
<tr>
<td>$60,000</td>
<td>Metropolitan Toronto 5 1/8s-1980</td>
<td>99½</td>
<td>59,700</td>
<td>3,075</td>
</tr>
</tbody>
</table>

Recommend purchasing:

- 100% U.S. Treasury Certificates 4 3/4s-11-15-60
- $100,000 General Motors Acceptance Corp. 5s-1981
- $200,000 Top quality corporate bonds to be selected by Mr. Harding and Mr. Cress and reported to the Trustees at the next meeting.

2. Compensation for Scudder, Stevens & Clark:

January 1, 1960, Principal Value $ 9,625,280

Less exemptions:

Cash $ none
Government Bonds* 1,638,288
Mortgages 952,094
MSU Bonds 2,266,704

Net amount subject to fee $ 4,893,176

On motion of Mr. Merriman, seconded by Mr. Huff, it was voted to approve items 1 and 2 with the suggestion that Scudder, Stevens and Clark and Mr. Cress take another look at Household Finance Company. If they continue to think that this stock should be purchased, the Board would be willing to give this further consideration at its next meeting.

3. The University has been cooperating in the administration of scholarship funds made available by the United States Congress under the National Defense Education Act of 1958. In order that there may be a complete record in the Board minutes of all financial transactions, the following letter from Mr. May was requested for inclusion in the minutes of today's meeting:

Several days ago you asked me for a brief report on the National Defense Student Loan Program for the Board. Listed below are the important points which reflect the University's participation in this program:

1. A total of $500,000 has been received from the Department of Health, Education, and Welfare. This represents the maximum allocation of $250,000 per year to any single institution.
3. National Defense Education Act, continued:

The University has used $555,555.56 from the Law Enforcement Fund for its required matching money.

To date the Student Loan Committee has approved loans to 738 individuals amounting to $430,109.21.

The Loan Committee intends to hold $100,000 of uncommitted funds for the use of freshmen entering school in the fall of 1960. It expects to use the remaining $25,446.35 for new loan applications during the balance of this school year.

As the Board probably knows, the National Defense Student Loan Act sets up priorities of eligible applicants. Priority must be given first to students intending to teach in the elementary or secondary school systems; second, to students majoring in the science field; and, third, to any other students with need. This priority system creates some problems of administration because until the student reaches the junior or senior year, it is very easy for him to change his major. Further, some of our best students enter as freshmen with no preference listed.

To date, we have found that many of our loan applications come from graduate students. This is partly due to the fact that most of the other University loan funds are reserved for undergraduate students, plus the fact that the maximum loan to any one student is $300.

Although there have been a few students objecting to the loyalty oath and affidavit, there are still many students who are willing to sign both forms in order to obtain a loan. I think this University is right in joining with other land-grant institutions in recommending that the disclaimer affidavit be eliminated as a requirement for the loan, but do not believe we should drop out of the program when there are so many students in need of this help.

Mr. Breslin discussed developments in the legislature of concern to the Trustees with particular reference to the appropriation acts of 1960-61.

Request from the Art Department for air conditioning in the Kresge Art Center. Complete cooling would cost $80,000; partial relief could be obtained for an investment of $12,000 or $13,000.

We have a request that has been held in the Board folder for five years requesting air conditioning for Berkey Hall and the Fairchild Theater and some related sections of the Auditorium to accommodate Summer School. At that time it was estimated that the air conditioning of Berkey Hall would cost approximately $190,000, and the total cost of air conditioning the Auditorium Buildings would be $228,800.

There is a tendency for scientific groups to increasingly hold their meetings in Mexico and elsewhere outside the United States. It has been the long-time policy not to use University funds for travel to scientific meetings, conferences, etc., outside of the United States or Canada.

Increasingly requests are being received for approval for University-authorized travel to meetings in Mexico and elsewhere in Latin America. Unless the Board feels otherwise, it is our intention to adhere to the long-established policy and not to approve travel expenses for meetings outside the United States or Canada.

Mr. Varner suggests that he be authorized to offer land at MSU-O for a site for a major classical theater to serve the Detroit area.

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

Adjourned.
MINUTES OF THE MEETING of the BOARD OF TRUSTEES March 17, 1960

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

Absent: Mr. Vanderploeg

The meeting was called to order at 10:20 a.m.

The minutes of the previous meeting were approved.

SPECIAL MISCELLANEOUS

1. Approval of Finance Committee items on the previous pages.

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

2. Recommendation that the following changes be approved for the College of Education to be effective July 1, 1960:

   a. Eliminate the designation of the Departments of Administrative and Educational Services, Foundations of Education, and Teacher Education. As a natural result of this action, all faculty members in these three departments will become faculty members in the College of Education rather than a department.

   b. Change the title for Wilbur Brookover to Professor and Assistant Dean for Research and Publications.

   c. Change the title for Leland Dean to Associate Professor and Assistant Dean for Student Affairs.

   d. Change the title for Raymond Hatch to Professor and Assistant Dean for Off-Campus Affairs.

   e. Change the title for William Hawley to Professor and Assistant Dean for Curriculum and Programs.

   f. Change the title for Robert Hopper to Professor and Assistant Dean for Administrative Services.

   g. Change the title for Cole Brebeck to Professor of Education.

Dean Erickson appeared before the Board to discuss this item.

On motion of Dr. Smith, seconded by Mr. Stevens, it was voted to approve the above changes for the College of Education.

3. Recommendation from Dean Seelye for the establishment of the Graduate School of Business Administration, effective April 1, 1960.

On motion of Mr. Huff, seconded by Mr. Stevens, it was voted to approve the establishment of a Graduate School of Business Administration effective April 1, 1960.

4. The Council of Deans unanimously recommended that the name of the Basic College be changed to University College, effective July 1, 1960.

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

5. Discussion of recent publicity having to do with discrimination in University housing.

On motion of Mr. Stevens, seconded by Dr. Smith, it was voted to reaffirm the Board's policy that there be no discrimination for race, color, creed or national origin condoned in University housing or approved off-campus housing.

6. In connection with the assignment of Richard O. Niehoff as Chief Adviser of the Pakistan Project, the following resolution needs approval to permit him to sign housing leases for employees there in the name of the University:

WHEREAS the Michigan State University Board of Trustees under Article XI of the constitution of the State of Michigan has sole jurisdiction and responsibility for the operation of the Michigan State University of Agriculture and Applied Science, hereinafter referred to as the University; and

WHEREAS the University under date of June 10, 1957, has entered into agreements with the Government of Pakistan and the Ford Foundation for assistance in planning and inaugurating two academies for Village Development; and

WHEREAS it is necessary for the staff of the University to rent office space and dwellings in carrying out programs covered by the reference contracts; and

WHEREAS it is necessary for the renting of such facilities to be covered by leases negotiated in Pakistan:

continued - -
6. Resolution permitting Richard Niehoff to sign housing leases, Pakistan Project, continued:

NOW THEREFORE BE IT RESOLVED That Mr. Richard O. Niehoff, Chief Adviser, Michigan State University's Project in Pakistan, is hereby authorized to sign leases for the required facilities in the name of Michigan State University of Agriculture and Applied Science for a period of time up to and including December 31, 1962.

On motion of Mr. Ruff, seconded by Mr. Harlan, it was voted to approve the above resolution.

7. The following bids were received for construction work on the fourth floor of the library:

<table>
<thead>
<tr>
<th>General Construction</th>
<th>Mechanical Trades</th>
<th>Electrical Trades</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hanel-Vance</td>
<td>Farrington Company</td>
<td>Hall Electric</td>
</tr>
<tr>
<td>Oranger Construction Company</td>
<td>N. L. Spitzley</td>
<td>Hatzel-Buehler</td>
</tr>
<tr>
<td>Banta-Brooks, Inc.</td>
<td>United Piping</td>
<td>Barker-Fowler</td>
</tr>
<tr>
<td>Haussman</td>
<td>Shaw-Wankler</td>
<td>Lansing Electric Motors</td>
</tr>
<tr>
<td>Neigner Construction Company</td>
<td>J. A. Dart</td>
<td>Central Electric</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$34,994</td>
<td>$41,992</td>
<td>$34,666</td>
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<tr>
<td>36,300</td>
<td>42,888</td>
<td>16,900</td>
</tr>
<tr>
<td>37,600</td>
<td>44,910</td>
<td>18,740</td>
</tr>
<tr>
<td>37,883</td>
<td>49,275</td>
<td>20,150</td>
</tr>
<tr>
<td>39,124</td>
<td>52,190</td>
<td>21,000</td>
</tr>
</tbody>
</table>

It is recommended that the low bids be approved.

The construction can be completed and all carrells equipped within the original $150,000 appropriation. The new budget for this project is now:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$91,851</td>
</tr>
<tr>
<td>Engineering</td>
<td>5,000</td>
</tr>
<tr>
<td>Partitions</td>
<td>35,000</td>
</tr>
<tr>
<td>Contingency</td>
<td>18,319</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$150,000</strong></td>
</tr>
</tbody>
</table>

On motion of Dr. Smith, seconded by Mr. Merriman, it was voted to approve awarding the contracts to the low bidders as listed above.

PRESIDENT'S REPORT

1. Cancellation of leave of absence without pay for Ira B. Baccus, Professor of Electrical Engineering, from March 8 to April 7, 1960.

2. Approved the sale of the Skinner property in East Lansing for $65,000 cash.

NEW BUSINESS

Resignations


2. Kenneth Macrorie, Assistant Professor of Communication Skills, August 31, 1960, to accept a position at San Francisco State College.

3. John F. Davis, Lecturer in Hotel, Restaurant and Institutional Management April 30, 1960 to accept a position as Business Director of the Ingham County Rehabilitation Center, Lansing.

4. Jean L. Horwood, Instructor in Health, Physical Education and Recreation, August 31, 1960 to become a full-time homemaker.

5. Robert G. Haines, Assistant Professor (Res.) of Entomology April 30, 1960 to accept another position.

6. Martha Vanderstel, Assistant Professor of Nursing, June 30, 1960, to accept another position.

7. Ingram Olkin, Associate Professor of Statistics, April 30, 1960 to accept a position at the University of Minnesota.

Resignations and Terminations, continued:

9. Francis C. Byrnes, Associate Professor and Associate Director of the National Project in Agricultural Communications March 22, 1960. MPAC work has been completed.

10. Rita Lichtenberg, Librarian, Library, March 15, 1960, to become a full time homemaker.

11. J. David Danielson, Instructor in Foreign Languages at MSU-0, August 31, 1960 to seek other employment.

Leaves—Sabbatical

1. Frederick G. Alexander, Associate Professor of Speech with full pay from September 1, 1960 to December 31, 1960 for study and travel in Europe.

2. Beatrice Mangino, Assistant Professor of Music with half pay from September 1, 1960 to August 31, 1961 for study in Italy and Switzerland.

3. Lyman W. Bodman, Assistant Professor of Music with full pay from March 23, 1961 to June 15, 1961 for study and travel in Europe.

4. Virginia F. Bodman, Assistant Professor of Music with full pay from March 23, 1961 to June 15, 1961 for study and travel in Europe.

5. George R. Price, Professor of English, with full pay from September 1, 1960 to December 31, 1960 for study in Boston and New York.


Leaves—Health

1. Miriam Scott Lucas, Assistant Professor of Natural Science with full pay from April 1, 1960 to June 30, 1960.


3. John A. Ramsey, Assistant Professor of Foreign Languages with full pay from January 1, 1960 to March 31, 1960.

Leaves—Other

1. Richard A. Schroeder, Extension Director, Clare County, with full pay from August 22, 1960 to September 13, 1960 to travel in Russia.

2. Herbert C. Raham, Associate Professor of Administrative and Educational Services from July 11, 1960 to July 22, 1960 to teach at San Jose College, without pay.

3. Alice Dorian, Assistant Professor of Teacher Education without pay from March 1, 1960 to June 30, 1960 to work with the U. S. Office of Education.

4. Charles O. Sigerfoos, Associate Professor of Mechanical Engineering without pay from April 1, 1960 to July 31, 1960 to work with the ICA in Japan.

5. Henry S. Leonard, Professor and Head of Philosophy without pay from September 1, 1960 to December 31, 1960 to study in New Jersey.

6. Horace C. Hartsell, Associate Professor of the Audio-Visual Center, without pay from July 1, 1960 to July 21, 1960 to teach at the University of Colorado.

Appointments

1. Laurence Arnold Cushman, Jr. 4-H Club Agent, Osceola County, at a salary of $5600 per year on a 12-month basis effective March 1, 1960.

2. Melvin John Thompson, 4-H Club Agent, Monroe County, at a salary of $6500 per year on a 12-month basis effective March 1, 1960.

3. Mary Ellen S. Krupka, Home Economics Agent, Leelanau County, at a salary of $5100 per year on a 12-month basis effective March 1, 1960.


5. Earl E. Hogan, Instructor in Education at a salary of $7500 per year on a 10-month basis effective September 1, 1960.

6. Pandeli Durbetaki, Instructor in Mechanical Engineering at a salary of $6900 per year on a 10-month basis effective September 1, 1960.

7. Ruth Sands, Manager of Campbell Hall and Specialist in Institution Administration at a salary of $6600 per year on a 12-month basis effective September 1, 1959.
March 17, 1960

NEW BUSINESS, continued

Appointments, continued

8. Robert P. Gilbert, Assistant Professor of Mathematics, at a salary of $7000 per year on a 10-month basis effective September 1, 1960.

9. Eleanor G. Huzar, Assistant Professor of History at a salary of $7800 per year on a 10-month basis effective September 1, 1960.

10. William V. D'Antonio, Assistant Professor of Sociology and Anthropology at a salary of $2160 for the period June 22, 1960 to September 2, 1960.


12. Richard P. Kasuba, Assistant to the Purchasing Agent, at a salary of $6500 per year on a 12-month basis effective March 1, 1960.

13. John L. Maes, Instructor in the Counseling Center, at a salary of $7000 per year on a 12-month basis effective July 1, 1960.

14. Joseph R. Chemycz, Staff Physician, Health Service, at a salary of $12,000 per year on a 12-month basis effective March 10, 1960.

15. Lasslo J. Hetenyi, Associate Professor of Teacher Education at MSU-0 at a salary of $9,200 per year on a 10-month basis effective September 1, 1960.

16. Howard W. Clark, Assistant Professor of English at MSU-0 at a salary of $6700 per year on a 10-month basis effective September 1, 1960.

17. Gloria Kaufman Shapiro, Instructor in English at MSU-0 at a salary of $5000 per year on a 10-month basis effective September 1, 1960.

18. Samuel Shapiro, Assistant Professor of History at MSU-0 at a salary of $7200 per year on a 10-month basis effective September 1, 1960.


22. Alice Ludvig, Professor of Administrative and Educational Services at a salary of $900 for the summer school period June 21, 1960 to July 28, 1960.

23. Harold J. Reed, Professor of Administrative and Educational Services at a salary of $1500 for the summer school period June 21, 1960 to July 28, 1960.

24. H. D. Richardson, Professor of Administrative and Educational Services at a salary of $1500 for the summer school period June 21, 1960 to July 28, 1960.

25. Glen Smith, Professor of Administrative and Educational Services at a salary of $500 for the summer school period June 21, 1960 to July 28, 1960.


30. R. O. Hatton, Workshop Director, Teacher Education, at a salary of $500 for the summer school period August 1, 1960 to August 12, 1960.

31. Robert Kozelka, Consultant, Teacher Education, at a salary of $500 for the summer school period August 1, 1960 to August 12, 1960.

32. John R. Lindbeck, Workshop Director, Teacher Education, at a salary of $550 for the summer school period August 1, 1960 to August 12, 1960.

33. Otis McBride, Professor of Teacher Education at a salary of $1600 for the summer school period June 23, 1960 to July 29, 1960.

34. Dorothy McCuskey, Professor of Teacher Education at a salary of $1350 for the summer school period June 23, 1960 to July 29, 1960.

Appointments, continued


38. William Ward Sinclair, Associate Professor of Teacher Education at a salary of $850 for the summer school period June 23, 1960 to July 28, 1960.

39. William F. Tierney, Professor of Teacher Education at a salary of $1,000 for the summer school period June 23, 1960 to July 29, 1960.


41. H. George Winsor, Assistant Instructor in Teacher Education at a salary of $800 for the summer school period August 1, 1960 to September 2, 1960.

42. J. O. Hinze, Professor of Applied Mechanics at a salary of $4,000 for the summer school period June 21, 1960 to September 2, 1960.

43. John O. Corliss, Professor at the Gull Lake Biological Station, at a salary of $2,200 for the summer school period June 20, 1960 to August 14, 1960.

44. Morris Kantor, Professor of Art, at a salary of $1,600 for the summer school period from June 21, 1960 to July 28, 1960.

45. Willa Stevart, Associate Professor of Music at a salary of $1,400 for the summer school period June 21, 1960 to July 28, 1960.

46. John F. Lounshury, Professor of Geography at a salary of $2,000 for the summer school period June 21, 1960 to August 12, 1960.

47. James H. Copp, Assistant Professor of Sociology and Anthropology, at a salary of $1,000 for the summer school period June 21, 1960 to July 28, 1960.
NEW BUSINESS, continued

March 17, 1960

Stanley O. Ikenberry to be permanent basis

Salary inc. Bill Stout to $10,000

Salary Changes

1. Increase in salary for Bill A. Stout, Assistant Professor of Agricultural Engineering, to a salary of $10,000 per year on a 12-month basis effective March 1, 1960.

Promotion Bill A. Stout

1. Promotion of Bill A. Stout from Assistant Professor to Associate Professor of Agricultural Engineering, effective March 1, 1960.

Cancellation Leave Ken Macrorie Ch. sal. srce Fauzi M. Najjar

1. Cancellation of leave of absence with pay that was previously granted to Kenneth Macrorie, Assistant Professor of Communication Skills, from March 29 to June 15, 1960.

2. Change in salary source for Fauzi M. Najjar, Assistant Professor of Social Science, from University General to Rockefeller Foundation grant and a salary increase from $7,400 to $7,500 per year, effective from October 1, 1960 to September 30, 1961.

Promotion Leave Wesley Fishel

1. Promotion of Bill A. Stout from Assistant Professor to Associate Professor of Agricultural Engineering, effective March 1, 1960.

2. Cancellation of leave of absence with half pay that was previously granted Wesley Fishel, Professor of Political Science, from September 1, 1960 to August 31, 1961.

3. Designation of Pearl Aldrich as Coordinator of Research for the College of Home Economics with a salary increase from $9,750 to $10,750, effective April 1, 1960, the increase to be paid from budget position 6 in the Dean's office. She is to retain her title of Professor but will not be attached to the Department of Institutional Administration.

Miscellaneous

1. Change in title for Audrey North from Assistant Librarian to Associate Librarian at Michigan State University-Oakland, effective March 1, 1960.

2. Recommendation that Mary C. Osborn, former Secretary for the Vietnam Project, be paid $102.16 for the period from September 2 to September 9, 1959, from account 7-2020. This is compensation for sick leave resulting from hospitalization en route home from Saigon.


4. Report of the death of Claude L. Nash, Assistant Professor (Extension) Emeritus of Economics, on February 28, 1960. Mr. Nash was born on June 5, 1884, was first employed by the University on January 1, 1916, and was retired on July 1, 1949.

5. Recommendation from Chancellor Varner that Gold and White be the official school colors for Michigan State University-Oakland.

6. Approval of a contract with the Nuclear Engineering Company, Inc., covering the disposition of radioactive waste materials from Michigan State University.

7. Changes in the basement of the Women's Intramural Building to accommodate facilities for research work in Health, Physical Education, and Recreation at an estimated cost of $11,640 to be charged to Alterations and Improvements, 1959-60.

NEW BUSINESS, continued

Gifts and Grants

1. Gift of a Link-Belt Chain valued at $40 from the Link-Belt Company of Indianapolis to be used in Agricultural Engineering.

2. Gift of a splicing kit valued at $20 from the Flexible Steel Lacing Company of Chicago to be used in Agricultural Engineering.

3. Gift of 3 idle bearings valued at $10 from the Nice Ball Bearing Company of Philadelphia to be used in Agricultural Engineering.

4. Gift of a stiff finger pickup attachment for a tomato harvester valued at $400 from the Innes Company of Bettendorf, Iowa, to be used in Agricultural Engineering.

5. Gift of 6 Swiss stop-watches valued at $125 from the Eurpac Serv. Company of Greenwich, Connecticut, to be used in Intercollegiate Athletics.

6. Loan of a 1960 Dodge station wagon valued at $4,300 from the Chrysler Corporation of Detroit, to be used by the Highway Traffic Safety Center in the driver education teacher program.

7. Grants for scholarship purposes, as follows:

a. To establish new scholarships:
   1) $2,300 from Tracy R. Shane and family of Watervliet to establish the Helen Pratt Shane Award. A sum of $2,200 is to be used to establish the award with the interest to be awarded annually to a student in the Home Economics with preference to be given to students from Berrien County. The recipient shall be a junior or senior who has shown outstanding qualities of leadership and has achieved a grade point average of 3.0 and has financial need. The additional sum of $100 is to be used for the 1959-60 award. The total sum of $2,400 is in the MSU Development Fund.

b. To continue previously established scholarships:
   1) $1,500 from Universal Oil Products Company of Des Plaines, Illinois. Of this sum $1,000 is to continue the scholarships for upper classmen in Chemical Engineering and $500 to augment the general funds of the Chemical Engineering Department.
   2) $500 from Walton Purna of St. Louis, Missouri.
   3) $900 from the Sears-Roebuck Foundation of Chicago for 3 scholarships of $300 each to students in Home Economics in the fall of 1960.
   4) $10,050 from Consumers Power Company of Jackson to provide 1 freshman scholarship of $300, 3 engineering scholarships of $750 each, and 3 engineering fellowships of $2,500 year.
   5) $30 from Michigan Miller's Mutual Insurance Company of Lansing for the Elevator and Farm Supply Scholarship Fund.
   6) $100 from Little Brothers of Kalamazoo for the Elevator and Farm Supply Scholarship Fund.
   7) $50 from Wilt & Knoblauch of Blissfield for the Farm Equipment Scholarship Fund.
   8) $100 from Dean's Dairy, Inc., of Berrien Springs for the Michigan Bankers' Fund.

c. To aid specified students:
   1) $65 from Continental Coffee Company of Chicago.
   2) $28 from the Buffalo Foundation of Buffalo, New York.
   3) $993.34 from the Genesee County Alumni of Flint.
   4) $100 from the United Church Women of Lansing.
   5) $250 from Homelite Division of Textron, Inc., of Port Chester, New York.

d. For the MSU-O Scholarship Fund, 1959-60:
   1) $170 from the Pontiac Business and Professional Women's Club
   2) $9,385 from the Community National Bank of Pontiac to be credited $1,000 to the Harold R. Kowalski Scholarship Fund and $8,385 to the MSU-O Scholarship Fund.
   3) $100 from the Centerline Business and Professional Women's Club.
   4) $50 from the Baldwin Rubber Company of Pontiac
   5) $25 from the Exchange Club of Brocklands.
   6) $150 from the Pontiac Press and Sarah Van Rosen Jones of Rochester.
   7) $65 from Zeta Chapter of Alpha Delta Kappa of Brantley Plains.
   8) $100 from A. C. Girard of the Community National Bank of Pontiac in memory of H. L. McGregor, Sr.
   9) $250 from the Rochester Farm and Garden Club
   10) $250 from George B. Wyman of Pontiac to be credited to The Roslyn Wyman Scholarship
   11) $30 from an anonymous donor
   12) $100 from George A. Wasserberger of Pontiac to be credited to the George A. Wasserberger Scholarship
   13) $225 from the William and Sarah Seidman Foundation of Grand Rapids.
   14) $500 from the Rotary Club of Pontiac
   15) $500 from the Rochester Junior Women's Club
   16) $250 from the Macon County MSU Alumni
   17) $500 from the Pontiac Press.
   18) $500 from the National Twist Drill Company of Rochester
   19) $200 from the Warren School Board of Education.
   20) $250 from the Tip-Ton Chapter of the American Business Women's Association of Pontiac
   21) $250 from The Nichols Company of Detroit
Gifts and Grants, continued

7. Grants for scholarship purposes, continued:

d. For the MSU-0 Scholarship Fund, 1959-60:
   22) $255 from the First State Bank of East Detroit
   23) $510 from the Pontiac State Bank
   24) $1,000 from the Detroit Bank & Trust
   25) $1,020 from the Wayne Oakland Bank & Trust of Detroit
   26) $1,500 from the National Bank of Detroit
   27) $25 from the Macomb County Savings Bank of Mt. Clemens
   28) $250 from the Pontiac Council P.T.A.
   29) $25 from the Hickory Grove P.T.A. of Pontiac.
   30) $10 from the Hudson Covert P.T.A. of Pontiac.
   31) $100 from the Alpha Gamma Chapter of Delta Kappa Gamma of Lakeville.
   32) $100 from the Utica Business and Professional Women's Club
   33) $100 from the Birmingham Village Women's Club
   34) $25 from the General Motors Girls' club of Pontiac.
   35) $65 from Zeta Chapter of Alpha Delta Kappa of Pontiac.
   36) $500 from the Pontiac Council P.T.A.
   37) $25 from the Hickory Grove P.T.A. of Pontiac.
   38) $10 from the Hudson Covert P.T.A. of Pontiac.
   39) $100 from the Alpha Gamma Chapter of Delta Kappa Gamma of Lakeville.
   40) $100 from the Utica Business and Professional Women's Club
   41) $100 from the Birmingham Village Women's Club
   42) $25 from the General Motors Girls' club of Pontiac.
   43) $65 from Zeta Chapter of Alpha Delta Kappa of Pontiac.
   44) $500 from the Pontiac Council P.T.A.

8. Grant of $2,000 from the Board of Supervisors of Mason County to be used under the direction of
   K. P. Ralston in the Cooperative Extension Service as a contribution toward the salaries of
   agents assigned to Mason County.

9. Renewal of a memorandum of agreement with the Board of Supervisors of Livingston County covering
   a grant of $7,000 to be used under the direction of R. P. Ralston in the Cooperative Extension
   Service as a contribution toward the salaries of 2 agents in Livingston County.

10. Renewal of a memorandum of agreement with the Board of Supervisors of Newaygo County covering
    a grant of $2,000 to be used under the direction of R. P. Ralston in the Cooperative Extension
    Service as a contribution toward the salary of a 4-H Club agent in Newaygo County.

11. Grant of $7,280 from the Detroit Ordnance District to be used under the direction of A. W.
    Farrall in Agricultural Engineering to conduct studies of the application of the Ordnance
    Tank Automotive Command Land Locomotion Laboratory soil value system to tillable soils and to
    determine the relationship of this soil value system to the system employed by agricultural
    engineers and scientists. Provision is made for special graduate research assistants.

12. Renewal of a memorandum of agreement with the National Silo Association of Louisville, Kentucky,
    covering a grant of $700 to be used under the direction of A. W. Farrall in Agricultural
    Engineering to carry on research on physical conditions in farm silos.

13. Renewal of a memorandum of agreement with the National Pickle Packers Association of Oak Park,
    Illinois, covering a grant of $3,000 to be used under the direction of A. W. Farrall in
    Agricultural Engineering and Horticulture to develop principles for construction of a
    mechanical cucumber harvester.

14. Grant of $2,000 from the Detroit Ordnance District to be used under the direction of A. W. Farrall in
    Agricultural Engineering and Horticulture to support research in mechanical harvesting of
    tomatoes.

15. Renewal of a memorandum of agreement with the Chisholm-Ryder Company, Inc., of Niagara Falls,
    New York, covering a grant of $250 to be used under the direction of A. W. Farrall and H. B.
    Buskey in Agricultural Engineering and Horticulture to support research in the mechanical
    harvesting of tomatoes.

16. Grant of $455 from the W. K. Kellogg Foundation of Battle Creek to be used under the direction of
    A. W. Pearson in Animal Husbandry to support research on the ability of judges to
    visually evaluate carcass worth of hogs and cattle.

17. Approval of a memorandum of agreement with the Michigan Artificial Breeders Cooperative of
    East Lansing, the Farm Bureau Services of Lansing, and the Michigan Livestock Exchange of
    Detroit covering a grant of $30,500 to be used under the direction of R. H. Nelson in
    Animal Husbandry for research on artificial insemination and control of estrus in swine.

18. Renewal of a memorandum of agreement with W. R. Grace & Company of Clarksville, Maryland,
    covering a grant of $2,000 to be used under the direction of T. E. Hedrick in Dairy
    for research on the relative cleanliness of various stainless steel finishes.

19. Renewal of a memorandum of agreement with the American Iron and Steel Institute of New York
    City covering a grant of $10,700 to be used under the direction of T. E. Hedrick in Dairy
    for research on the relative cleanliness of various stainless steel finishes.

20. Renewal of a memorandum of agreement with the Michigan Blueberry Growers Association of
    Grand Junction to be used under the direction of $3,500 to be used under the direction of D. P. White in
    Forestry for an appraisal of magnesium ammonium phosphate as a nitrogen source in blueberry
    nutrition.
NEW BUSINESS, continued

Gifts and Grants, continued

21. Renewal of a memorandum of agreement with the National Pickle Packers Association of Oak Park, Illinois, covering a grant of $3,460 to be used under the direction of S. K. Ries in Horticulture for studies on the effect of plant nutrients and cultural practices on yield and quality of pickling cucumbers. The agreement provides for a special graduate research assistant.

22. Renewal of a memorandum of agreement with the Michigan Food Research Association, Inc., of Benton Harbor covering a grant of $3,000 to be used under the direction of G. A. Borgerstom in Horticulture for studies on processing characteristics of new peach varieties. The agreement provides for a special graduate research assistant.

23. Approval of a memorandum of agreement with the Michigan Association of Nurserymen of Marshall covering a grant of $3,000 to be used under the direction of D. P. Watson in Horticulture to prepare, stage, present, and distribute a series of television programs on home gardening.

24. Renewal of a memorandum of agreement with the National Turkey Federation of Mount Morris, Illinois, covering a grant of $1,500 to be used under the direction of L. E. Dawson in Poultry Science for an evaluation of alternative methods of merchandising turkey meat.

25. Approval of a memorandum of agreement with the National Turkey Federation of Mount Morris, Illinois, covering a grant of $1,000 to be used under the direction of L. E. Dawson in Poultry Science in a study on mandatory grade and sex labeling.

26. Renewal of a memorandum of agreement with The Coca-Cola Company of Atlanta, Georgia, covering a grant of $3,400 to be used under the direction of A. T. Wilcox in Resource Development to support park research and publication of technical literature in the park management field in cooperation with the American Institute of Park Executives. The agreement provides for a special graduate research assistant.

27. Renewal of a memorandum of agreement with the Chicago and Northwestern Railway Company covering a grant of $9,50 to be used under the direction of S. M. King in Soil Science for research in soil fertility.

28. Renewal of a memorandum of agreement with the Tennessee Valley Authority of Knoxville, Tennessee, covering a grant of $7,000 to be used under the direction of R. L. Cook in Soil Science and G. L. Johnson in Agricultural Economics to facilitate field and greenhouse experimental work and statistical computations for methodological work in determining the effects of various plant nutrients on crop yield response.

29. Grant of $7,500 from The Sperry and Hutchinson Company of New York City to be used under the direction of S. C. Hollander in Marketing and Transportation to support research on competition in retailing.

30. Grant of $7,400 from the W. K. Kellogg Foundation of Battle Creek to be used under the direction of Dean Sabine in Communication Arts to determine the future programs of the National Project in Agricultural Communications.

31. Grant of $500 from the Grand Rapids Foundation of Grand Rapids to be used under the direction of Dean Erickson in Education to conclude the Grand Rapids College Survey.

32. Grant of $75 from the United Cerebral Palsy Association of Michigan, Inc., of Lansing to be used under the direction of J. E. Jordan in Teacher Education to assist with expenses in connection with the summer session workshop for teachers of cerebral palsied children.

33. Grant of $500 from the Monsanto Chemical Company of St. Louis, Missouri, to be used under the direction of Donald deZeeuw in Botany for seed and soil treatment research. Provision is made for a special graduate research assistant.

34. Approval of a memorandum of agreement with the Pittsburgh Plate Glass Company of Moorstown, New Jersey, covering a grant of $100 to be used under the direction of Donald deZeeuw in Botany for seed and soil treatment research provision is made for a special graduate research assistant.

35. Renewal of a memorandum of agreement with the National Institutes of Health of Washington, D. C., covering a grant of $24,404 to be used under the direction of E. S. Beneke in Botany to determine if nutritional requirement differences could account for the different responses of the culture beers of Calvatia gigantea proven against Sarcome 180 tested in mice at the Sloan-Kettering Institute for Cancer Research; and also to obtain a rapid and relatively inexpensive method to assay the tumor-retarding substance. The agreement provides for a special graduate research assistant.

36. Grant of $70 from Eaden Davis of Lansing to supplement the budget of the Music Department so that Professor Jones can be employed for the instruction of his daughter.

37. Grant of $25,075 from the Atomic Energy Commission of Lemont, Illinois, to be used under the direction of H. A. Rick in Chemistry for an investigation of some rare earth boron, carbon, nitrogen, and related system at elevated temperatures. Provision is made for special graduate research assistants.
NEW BUSINESS, continued
March 17, 1960

Gifts and Grants, continued

38. Removal of a memorandum of agreement with the Office of Ordinance Research of the United States Army of Durham, North Carolina, covering a grant of $9,773% to be used under the direction of Harold Forstat, D. J. Montgomery, and R. D. Spence in Physics and Astronomy for research on the antiferromagnetic behavior of single crystals using proton resonance techniques and heat capacity studies, and on the electrical conductivity of lithium isotopes. The agreement provides for special graduate research assistants.

39. Grant of $35,300 from the National Science Foundation of Washington, D.C., to be used under the direction of C. D. House and T. H. Edwards in Physics and Astronomy for an analysis of infrared absorption spectra and magnetic rotation spectra of various molecules to determine their structures and various other physical properties. Provision is made for special graduate research assistants.

40. Approval of a memorandum of agreement with the Mark L. Morris Animal Foundation of Denver, Colorado, covering a grant of $3,138.75 to be used under the direction of W. V. Lamb in Surgery and Medicine for a study on the effects of an ion-exchange resin artificial kidney in dogs. The agreement provides for a special graduate research assistant.

41. Grant of $5,000 from The American Assembly at Columbia University, New York City, to be used under the direction of Jack Stieber in the Labor and Industrial Relations Center to finance a 3-day regional assembly on wages, prices, profits, and productivity on June 16-19, 1960.

42. Renewal of a memorandum of agreement with the Michigan Agricultural Conference of Lansing covering a grant of $7,084 to be used under the direction of L. T. Frymire in Radio Broadcasting to permit WGR to originate broadcasts of Michigan State University sports events during the 1959-60 season.

43. Grant of $10,000 from the Institute of Science and Technology at Ann Arbor to be used under the direction of Dean Mueller in the School for Advanced Graduate Studies to provide an average salary of $2,500 for 4 pre-doctoral fellowships.

44. Grant of $25 from Chancellor Varner of Rochester to be deposited in the Unrestricted Gift Account 31-1182.

Reports for Board members

Approval of alter. and imp. items

1. The following alteration and improvement items have been approved since the February Board meeting:
   
   Improve lighting Room 15, Morrill Hall  $1,200  
   Alterations and improve lighting, Room 319, Morrill Hall  560  
   Alterations and improve lighting, Room 118, Agriculture  520  
   $2,280

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

On motion of Mr. Huff, seconded by Mr. Merriman, it was voted to approve all Miscellaneous Items, Gifts and Reports for Board Members.

Resignations and Terminations

1. William Rupp, Jr., County Extension Director, Kent County effective May 16, 1960 to become Assistant Vice President of Old Kent Bank and Trust Company in charge of the Agricultural Division.


Leaves

Leaves—Health


2. Karl A. Stiles, Professor and Head of Zoology with full pay from March 10, 1960 to April 14, 1960.

Leaves—Other

1. Harold R. Jolliffe, Professor of General Communication Arts, without pay from May 1, 1960 to December 31, 1960 to accept a Smith-Mundt Assignment in Afghanistan.

Appointments

1. J. William Thomas, Professor of Dairy, at a salary of $13,000 per year on a 12-month basis effective August 1, 1960.

2. Mary Scanga, Librarian, Library, at a salary of $2900 per year on a 12-month basis effective March 16, 1960.
ADDITIONAL ITEMS, continued

Appointments, continued

3. Jack W. Ostrander, Assistant Manager, Union, at a salary of $6300 per year effective April 1, 1960.

Salary Changes

1. Peter H. Amann, Assistant Professor of History at MSU-O at a salary of $7200 per year on a 10-month basis effective April 1, 1960.

Miscellaneous

1. Designation of John R. Shaver, as Acting Head of Zoology at an additional salary of $125 for the period from Mar. 10 to April 14, 1960.

2. Recommendations from the Retirement Committee as follows:
   a. Retirement of Earl Pung, employee in Married Housing, at a retirement salary of $1214 per year, effective March 15, 1960. Mr. Pung was born April 7, 1893, and has been employed by the University since June 1, 1940.
   b. Retirement of Harold J. Larsen, Mason County Extension Director, at a retirement salary of $2761 per year, effective May 1, 1960. Mr. Larsen was born August 29, 1900, and has been employed by the University since May 1, 1930.
   c. Retirement of George E. Motts, Assistant Professor (Extension) of Agricultural Economics, at a retirement salary of $2435 per year, effective January 1, 1961. Mr. Motts was born on January 25, 1905, and has been employed by the University since August 1, 1931.

3. 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 winter term 1960.

4. Communication from Victor G. Horvath of Ann Arbor calling the attention of the Trustees to the serious need for more adequate facilities for housing the Forestry Department and the Department of Conservation.

5. Numerous communications have been received since the last Trustee's meeting having to do with ROTC. Thermofax copies of these communications have been presented to the Board.

Gifts and Grants

1. Grant of $4,500 from the Kent County Board of Supervisors of Grand Rapids to be used under the direction of H. F. Ralston in the Cooperative Extension Service as Kent County's share of the salary of one County Extension Agent.

2. Grant of $7500 from the Rockefeller Foundation of New York City to be used under the direction of Fauzi M. Najjar in Social Science to pursue further research in a theoretical study of Islam and Islamic thought insofar as they bear on the problem of democracy.

3. Renewal of a memorandum of agreement with The Upjohn Company of Kalamazoo covering a grant of $750 to be used under the direction of F. C. Strong in Botany and Plant Pathology for studies to determine the effectiveness of Acti-dione and its derivatives for the control of Dutch elm disease and other tree diseases.

4. Renewal of a memorandum of agreement with the Velsicol Chemical Corporation of Chicago covering a grant of $100 to be used under the direction of D. J. deZeeuw in Botany and Plant Pathology for a special study on biossay of seed treatment fungicides within an existing project on seed treatment and soil treatment fungicides. The agreement provides for a special graduate research assistant.

5. Renewal of the following memoranda of agreement covering grants to be used under the direction of D. J. deZeeuw in Botany and Plant Pathology to support special graduate research assistants for the study of seed treatment and soil treatment fungicides:
   a. The Upjohn Company of Kalamazoo, $500
   b. The Norwich Pharmacal Company of Norwich, New York, $200
   c. Hercules Powder Company of Wilmington, Delaware, $200

6. Grant of $13,920 from the Office of Naval Research of Washington, D.C., to be used under the direction of Herman Rubin in Statistics to conduct research on the problems of statistical estimation in stochastic processes. Provision is made for special graduate research assistants.
ADDITIONAL ITEMS, continued

Gifts and Grants, continued

7. Renewal of a memorandum of agreement with the National Cancer Institute of the Department of Health, Education, and Welfare of Bethesda, Maryland, covering a grant of $8,133 to be used under the direction of J. R. Shaver in Zoology to study the conditions leading to the transmission of tumor in the frog by means of a virus introduced into the egg cell. The agreement provides for a special graduate research assistant.

On motion of Dr. Smith, seconded by Mr. Stevens, it was voted to approve all Additional Items.

The Board adjourned at 12 o'clock noon.

The next meeting will be held Thursday, April 21, 1960.

[Signatures]