Tentative plans authorized for 3 self-liquidating buildings:

6. On motion of Mr. Akers, seconded by Dr. Smith, it was voted to authorize the preparation of tentative plans and cost estimates covering the following self-liquidating structures, to be paid for by student fees:
   a. A student activities building to house student organizations, student government, all activities of the Dean of Students except the Health Center and Registrar's Office, including Counseling and Guidance, Corrective Services, Placement, Alumni Office, Student Housing, etc.
   b. An intramural building for women.
   c. An intramural building for men.

To be paid for from Athletic Receipts:
   a. An addition of 25,000 seats to the football stadium.

Adjourned.

MINUTES OF THE MEETING
of the
STATE BOARD OF AGRICULTURE
October 12, 1955

Present: Mr. Brody, Chairman; Messrs. Mueller, Rouse, Smith; Miss Jones; President Hannah, Treasurer May and Secretary McDonel

Absent: Mr. Akers

The meeting was held at the W. K. Kellogg Biological Station at Gull Lake, convening at 10:15 a.m.

Following the meeting, luncheon was served at the Station and the Board toured and inspected the Biological Station, Bird Sanctuary, Kellogg Farm and the Kellogg Forestry Tract. Explanations of each project were made by Mr. McCrary, Professor Morofsky, Mr. Van Dusen and Mr. Lammien.

The minutes of the September meeting were approved.

SPECIAL MISCELLANEOUS


   On motion of Mr. Mueller, seconded by Mr. Rouse, it was voted to approve the recommendations of the Finance Committee.

2. Recommendation from Mr. Varner and Dean Wyngarden that Professor L. W. Scott be named Assistant Dean of the College of Business and Public Service for Continuing Education to be effective October 16, 1955, with an increase in salary from $14,500 to $15,000 per year, two-thirds of his salary to be charged to Continuing Education. Mr. Scott will continue to be responsible for the program in Hotel, Restaurant, and General Institutional Management for a reasonable period.

3. It is recommended by Dean Wyngarden and Professor Scott that:
   a. The Division of Hotel, Restaurant, and General Institutional Management with its three departments of Hotel Management, Restaurant Management, and General Institutional Management be abolished and supplanted by a School of Hotel, Restaurant, and Institutional Management, effective October 16, 1955, at an annual salary of $12,000.
   b. Professor Donald Greenaway be appointed Director of the School of Hotel, Restaurant, and Institutional Management, effective October 16, 1955.
   c. Professor S. Earl Thompson be appointed Assistant Director of the School of Hotel, Restaurant, and Institutional Management at a salary of $10,800, effective October 16, 1955.
   d. Professor Greenaway will be responsible for the direction of the Kellogg Center, effective October 16, 1955, but in this capacity will be responsible to Emery Foster.
   e. An additional budget position be created in the Office of the Dean of Business and Public Service as an assistant to Mr. Scott at an annual salary of $7,000, this position to be filled at some later date when it is required.
   f. The position vacated by Mr. Scott in the School of Hotel, Restaurant, and Institutional Management is to be retained to be filled eventually.
   g. It is understood that Assistant Dean Scott will continue to be office in the Kellogg Center for a period of months, but eventually he will be moved into Morrill Hall.

   On motion of Mr. Rouse, seconded by Mr. Brody, it was voted to approve items 2 and 3.

PRESIDENT'S REPORT

Resignations and Terminations


Leaves

1. Francis C. Byrnes, Associate Director of the National Project in Agricultural Communications, without pay, from September 16, 1955, to October 31, 1955, to prepare a handbook.
October 12, 1955

PRESIDENT'S REPORT

Appointments

1. James Edward Lincoln, 4-H Club Agent in Genesee County at a salary of $6,000 per year on a 12-month basis, effective September 15, 1955, paid 3/4 Smith-Lever and 1/ State Offset funds.


6. Abbas Fawzi Souka, Instructor in Mechanical Engineering at a salary of $3000 for the period October 1, 1955 to December 31, 1955.

7. Abram M. Beer, Assistant Professor of Sociology at a salary of $6000 on a 12-month basis, effective September 1, 1955, to August 31, 1956.


9. Eugene Jacobson, Associate Professor of Psychology at a salary of $7000 on a 10-month basis, effective September 1, 1955, to August 31, 1956.


11. Abbas Fawzi Souka, Instructor in Mechanical Engineering at a salary of $3000 for the period October 1, 1955 to December 31, 1955.


16. Kenneth Parker, Instructor in Counseling Center at a salary of $5000 per year on a 12-month basis (temporary) effective September 1, 1955.

Miscellaneous

1. Reassignment of Ruth Peck to the project at the University of the Ryukyus to September 30, 1955.

2. Correction in the salary shown in the budget for Selma Bandemer, Agricultural Chemistry, from $7000 to $6900, effective July 1, 1955.


NEW BUSINESS

Resignations and Terminations

1. Gerald A. Brian, Agricultural Agent for Kent County, October 31, 1955. He has accepted a position as representative of the Wood Preserving Division of Koppers Company.

2. Cecil F. Kerr, Assistant Agricultural Agent for Bay County, October 11, 1955, to enter private business.

3. George M. Ward, Assistant Professor of Dairy, October 31, 1955, to accept a position at Kansas State College, Manhattan, Kansas.


6. Robert W. Newlin, Instructor in Surgery and Medicine, October 31, 1955 to enter private business.

7. David A. Carroll, Assistant Professor of Military Science, September 30, 1955.

Leaves

1. Jesse J. Garrison, Associate Professor of Art, with full pay, from April 1, 1956 to August 31, 1956, to study and travel in Europe.

2. Hans E. Kardel, Agricultural Agent for Eaton County, without pay, from January 1, 1956 to August 31, 1956 to continue Point I work in Indiana.
Leaves, continued:

3. Marvin D. Solomon, Assistant Professor of Natural Science, without pay, from January 1, 1956 to December 31, 1956, to be Tech. Asst. on UNESCO Program in Liberia.


Appointments

1. Shigemi Homma, Assistant Professor (Res.) of Horticulture, at a salary of $6,000 per year on a 12-month basis, effective December 1, 1955, paid from Experiment Station funds.

2. Appointment of the following Instructors in Short Courses:
   - Sam Street Hughes, $400 for the period January 9, 1956, to March 2, 1956.
   - Olga Nixie, $600 for the period October 21, 1955 to March 2, 1956.

3. George W. Wright, Instructor in Soil Science at a salary of $5,000 per year on a 10-month basis, effective January 1, 1956.

4. Alan Silker, Instructor in Forest Products at a salary of $3,000 per year on a 12-month basis, effective October 16, 1955, paid by General funds, Experiment Station funds.

5. Appointment of the following Instructors in Communication Skills effective October 1, 1955 to December 31, 1955:
   - Ruth Barrett, $1,000 for the period
   - Ingeborg Crawford, $1,300 for the period
   - Dagmar Breck, $1,000 for the period
   - Greta DeLong, $1,000 for the period
   - Ivy Harman, $1,000 for the period
   - Margaret Hoppe, $1,300 for the period
   - Helen Bihloch, $1,300 for the period
   - Mabel Piers, $1,300 for the period
   - Lorraine Tata, $1,100 for the period
   - Dorothy Martinian, $900 for the period
   - Melmore Winburne, $1,000 for the period

6. Appointment of the following Instructors in Natural Science effective October 1, 1955, to December 31, 1955:
   - Virginia Lee Goerner, $1,200 for the period
   - Rosemary Smolker, $600 for the period
   - Doris Williams, $600 for the period

7. Appointment of the following Instructors in Social Science effective October 1, 1955 to December 31, 1955:
   - Swart Leon Evans, $800 for the period
   - Ruth Hill Vuseam, $800 for the period

8. Wayne A. Danielson, Instructor in Journalism at a salary of $6,000 per year on a 12-month basis from January 1, 1956, to June 30, 1956.

9. Appointment of the following Instructors in Speech effective October 1, 1955, to December 31, 1955:
   - Theda P. Assiff, $900 for the period
   - Frances H. Hayworth, $750 for the period
   - Robert H. Hanner, $600 for the period
   - Malcolm R. McRobie, $250 for the period


12. Peter G. Haines, Assistant Professor of Vocational Education, at a salary of $7,500 per year on a 12-month basis, effective March 16, 1956.


14. Appointment of the following Assistants in Foreign Language effective October 1, 1955 to June 30, 1956:
   - Maria Elena Morris, $210 per mo.
   - Joseph Silva, $100 per mo.
   - Theodore Waki, $130 per mo.

15. Appointment of the following Instructors in Mathematics effective October 1, 1955 to December 31, 1955:
   - Dorothy S. Bedford, $200 per month
   - Janice Devereux, $266.66 per month
   - Marietta P. Carolus, $266.66 per month
   - Dorothy D. Prinodig, $400 per month
   - Georgia Reed, $453.33 per month
NEW BUSINESS, continued

Appointments, continued

15. Ronald A. Trumbo, Instructor in Psychology at a salary of $1,850 for the period from October 1, 1955 to June 30, 1956.


18. Arthur E. Schultz, Consultant in Surgery and Medicine, without salary, effective November 1, 1955. This is a temporary position.

19. Joyce L. Cathey, Instructor (Res.) in Surgery and Medicine, at a salary of $5,000 per year from September 1, 1955 to June 30, 1956.

20. Harry C. Barmett, Supervisor, Foreign Language Examinations, for School for Advanced Graduate Studies, at a salary of $3,000 (in addition to retirement salary) on a 12-month basis from September 1, 1955 to August 31, 1956.


Transfers

1. Junior E. Malosh, L-H Club Agent in Gladwin and Clare Counties to L-H Club Agent in Lapeer County at an increase in salary to $4,800 per year on a 12-month basis, effective November 1, 1955.

2. William Hupp, Jr. from County Agricultural Agent in Macomb County to County Agricultural Agent in Kent County at an increase in salary to $7,600 per year on a 12-month basis, effective November 1, 1955.

3. James L. Crosby, L-H Club Agent in Branch County to Assistant Agricultural Agent in Lapeer County at an increase in salary to $5,500 per year on a 12-month basis, effective November 1, 1955.

4. A Conrad Pass from Assistant Professor, Board of Examiners and Communication Skills to Assistant Professor of Communication Skills at the same salary of $5,500 per year on a 10-month basis, effective July 1, 1955.

5. Thomas R. Ford, from Director and Assistant Professor, Junior College Cooperation, to Assistant Professor of Communication Skills at the same salary of $6,850 per year, effective July 1, 1955 and changed from 12-month basis to 10-month basis.

Salary change

1. Increase in salary for Walter W. Mode, Specialist Vietnam Project, to $10,500 effective June 12, 1955.

Miscellaneous

1. Change in title of William P. Kirkpatrick from Assistant County Agricultural Agent to Presque Isle County Agricultural Agent at the same salary of $5,700 per year, effective October 1, 1955.

2. Change Donald P. Brown from Assistant Professor of Agricultural Engineering on a temporary basis and paid from Rural Electrification Commission TV funds to Assistant Professor (Research, Extension) of Agricultural Engineering subject to tenure rules, effective October 1, 1955 and paid $9500 from Experiment Station (71-213) and $2500 from Extension funds.


4. Reinstatement of Ruth J. Peck as Associate District Extension Supervisor in Home Economics (position #1) at a salary of $6,900 per year on a 12-month basis, effective October 1, 1955.

5. Change Herton J. Turck, Jr. from Consultant on a temporary basis to Instructor in Administrative and Educational Services subject to tenure rules, effective September 16, 1955.

6. Designation of Arthur E. Warner, Assistant Professor of General Business, as Assistant Director of the Division of Business with a salary increase from $4,000 on a 10-month basis to $4,000 per year on a 12-month basis, effective October 1, 1955.

7. Report that Marjorie Hunsinger, Assistant Professor of General Business, was more than 50 years of age at the time of her appointment and is not to be included in the retirement and insurance programs.

8. Change Henry Krause from Assistant Professor of Engineering Drawing at a salary of $5,900 per year on a 10-month basis to Assistant Professor of Mechanical Engineering in charge of the Engineering Drawing Section at a salary of $7,400 per year on a 12-month basis, effective October 1, 1955.

9. Recommendation from Dean Dye for the payment of an additional $350 to Thelma Dunn, part-time Instructor in Home Management and Child Development, for the period from October 1 to December 31, 1955, for additional work.

10. Change Eugene Jacobson from full-time to 5/6 time from October 1 to December 31, 1955. Dr. Jacobson is an Associate Professor in Psychology.
11. Change Clifford C. Beck from temporary Instructor in Surgery and Medicine to Instructor in Surgery and Medicine subject to tenure rules and a salary increase from $5200 to $5500 per year, effective September 1, 1955 and paid from University funds. He is paid from Experiment Station funds at present.

12. Reinstatement of Orletta Hansen as Clerk I in the Library, effective September 26, 1955. Miss Hansen has been on disability retirement since April 1, 1955.

13. Transfer of Clerk-Stenographer I (position 301) from Junior College Cooperation to the Office of the Dean of the Basic College, effective July 1, 1955.

14. Report that Horst Kaczkofsky, who has been on military leave, has returned to University employment on the classified list, effective October 3, 1955.

15. Recommendation that 1/6 of the salary of Leo Katz, Associate Professor of Mathematics, be paid from the Office of Naval Research grant from October 1, 1955, to June 30, 1956, (account 71-2300). Also Dr. Katz is to be paid $1500 from this account for work during the summer of 1956.

16. Report of the death of Mrs. Eva M. Robinson, Housekeeper I at the Kellogg Center, on October 2, 1955, in an automobile accident. Mrs. Robinson was born on August 11, 1925, and had been employed by the University since May 4, 1955.

17. Report of the death of Roray Page, Painter II at the Kellogg Center, on September 16, 1955. Mr. Page was born on June 2, 1901, and had been employed by the University since August 31, 1953.

18. Report of the death of Dean Henry B. Dirks, Dean Emeritus of Engineering, on September 18, 1955. Dean Dirks was born on June 21, 1884, was first employed by the University on May 1, 1919, and was retired on July 1, 1919.

19. Establishment of a Clerk-Stenographer I position in Vocational Education.

20. Establishment of a half-time Clerk-Stenographer I position in the Office of the Dean of Home Economics.

21. Establishment of a Bacteriologist III position in Microbiology and Public Health, with the salary paid from the National Institutes of Health grant (account 71-2300).

22. Reclassification of a Typist-Dictaphone to a Clerk II position in the Central Stenographic Office (position 306).

23. Reclassification of a Teller I to a Teller II position in the Comptroller's office (position 55).

24. Report from Mr. McDonel that he has completed arrangements with Manson and Carver covering architectural work on the first 176 units of additional married housing for which they are to be paid 13 per cent of the cost of the buildings for plans, specifications, preparing the contracts, inspection, and other architectural services.

25. In the building alterations in the Kellogg Center, it is necessary to move the mechanical equipment laboratory from Room 35 to Room 31 to make Room 35 available for food production equipment. An appropriation is requested of $8890 to cover the cost of transferring the mechanical equipment, including construction of a ventilating system for Room 35 to permit its use for quantity cooking purposes. All of these changes are in connection with teaching programs and have no reference to the use of Kellogg Center for Continuing Education purposes.

26. The curriculum in industrial education has been transferred from the College of Engineering to the College of Education. This change was made after the budget for the current year was prepared and at the request of Dean Ryder. It is now necessary to equip laboratories for the teaching of courses in industrial arts. Dean Erickson requests an appropriation of $41,532 for the purchase of equipment necessary for the fall quarter, $3885 for the purchase of equipment necessary for the winter quarter, and $3925 for the purchase of equipment required in the spring quarter, or a total appropriation of $81,932.

27. The August Board meeting authorized filing with the Federal Communications Commission a request to increase the power of WKAR-PM. This request has now been granted, and Mr. Denison recommends an appropriation of $15,585 to make possible structural changes and equipment purchases that are involved.

28. The budget provides an item of $10,000 for the purchase and installation of a new scale for the University farm. Following are the bids for the scales:

<table>
<thead>
<tr>
<th>Scale Company</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fairbanks-Worae</td>
<td>$5662</td>
</tr>
<tr>
<td>Toledo Scale Company</td>
<td>$5820</td>
</tr>
<tr>
<td>Buffalo Scale Company</td>
<td>7079</td>
</tr>
</tbody>
</table>

continued—
October 12, 1955

NEW BUSINESS, continued

Miscellaneous, continued

28. Purchase and installation of new farm scale, continued:

Bids were also taken for the construction of a pit for the scale. Following are the bids:

<table>
<thead>
<tr>
<th>Company</th>
<th>Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hausmann Construction Company</td>
<td>$5388</td>
</tr>
<tr>
<td>William H. Bennett</td>
<td>6150</td>
</tr>
<tr>
<td>Vandenburg Construction Company</td>
<td>6322</td>
</tr>
<tr>
<td>Perron Construction Company</td>
<td>6993</td>
</tr>
</tbody>
</table>

It is recommended that the low bid of Fairbanks-Morse for the scale of $5662 and the low bid of Hausmann Construction Company for the construction of the pit of $5388 be accepted. This is a total cost of $11,050, and an additional appropriation of $1,050 is required.

29. Report from Mr. May on Workmen’s Compensation for the period January 1 to June 30, 1955:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed payments under the Workmen’s Compensation Law</td>
<td>$5,173.75</td>
</tr>
<tr>
<td>Amount paid for first week’s loss of time</td>
<td>3,011.88</td>
</tr>
<tr>
<td>Outside medical services</td>
<td>1,662.21</td>
</tr>
<tr>
<td>Health Center services (estimate)</td>
<td>3,668.00</td>
</tr>
</tbody>
</table>

30. Communication from Mrs. C. V. Bellard expressing appreciation to the Board for the illuminated resolution on the death of her husband.

31. Communication from Mrs. Ernest Millar expressing appreciation to the Board for the illuminated resolution on the death of her husband.

32. Communication from the Women’s Christian Temperance Union, Eighth District, commending the Board for the additute of Michigan State University toward the prohibition of alcoholic beverages on the campus.

Gifts and Grants


2. Grants as follows for scholarship purposes:

   (1) $175 from H. F. Brand of Dearborn to continue scholarships for entering students who have been outstanding in 4-H Club work.
   (2) $750 from Farm Bureau Services, Inc. for the elevator and farm supply short course.
   (3) $100 from Charles J. Force of Kalamazoo for the elevator and farm supply short course.
   (4) $300 from The Central Soya Foundation Trust of Fort Wayne, Indiana, for the elevator and farm supply short course.
   (5) $100 from the Lansing Grain Company of Lansing for the elevator and farm supply short course.
   (6) $500 from Robert Manners Enterprises, Inc. of Cleveland, Ohio, for students enrolled in the Division of Hotel, Restaurant, and General Institutional Management.
   (7) $100 from the Worcester Women’s Club of Worcester, Massachusetts, for a student in music.
   (8) $125 from The Presser Foundation of Philadelphia to continue the scholarships in music.
   (9) $500 from the Michigan Asphalt Paving Association of Lansing to continue the Dan Humphries Scholarship for a student interested in asphalt pavements research.
   (10) $1,000 from Whirlpool-Seeger Corporation of St. Joseph to establish 5 tuition scholarships to be known as The Whirlpool-Seeger Corporation Engineering Scholarships, to be given annually, preferably to junior and senior mechanical and electrical engineering students.
   (11) $4,300 from the General Motors Scholarship Program of Detroit to establish a program of scholarship assistance for outstanding freshman students. The awards may vary from $200 to $2,800. Candidates are to be selected on the basis of financial need by the Scholarship Committee.
   (12) $300 from Fred Harvey of Chicago to establish a scholarship fund for a student in the Restaurant Management program.
   (13) $1,000 from the General Motors Corporation of Detroit to establish the Dan Humphries Scholarship for a student interested in asphalt pavements research.
   (14) $50 from Iota Phi Lambda Sorority of Lansing to provide financial assistance for an entering freshman.
   (15) $230 from the Maxwell Jossey Foundation of Detroit to provide financial assistance for an entering freshman.
   (16) $150 from The Easterling Company of Detroit to a student who is enrolled. The recipient earned this award in a scholarship contest for students selling during the vacation period.
   (17) $700 from P. Edouard Geldhof of Benton Harbor to be credited to the P. Edouard Geldhof Engineering Scholarship fund.
Gifts and Grants, continued

2. Grants for scholarship purposes, continued:

<table>
<thead>
<tr>
<th>Scholarship grants</th>
<th>Amount</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>(18) $10,000 from The Ratner Foundation of Cleveland to provide financial aid for a student who is enrolled for 1955-56.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(19) $10,000 from the Forest City Material Company of Cleveland, Ohio, to continue the established scholarship.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(20) $1200 from The Detroit Free Press as an award to a student who won the Detroit Free Press annual debating contest.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(21) $250 from an anonymous donor for a scholarship for Skees Ranny.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(22) $150 from George W. Higgins, Charitable Foundation, of Ferndale, for a scholarship for James E. Sack.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(23) $30 from William Riker Johnson Post #205 of East Lansing to be credited to the William Riker Johnson Memorial Scholarship fund.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(24) $68 from O. R. &quot;Dutch&quot; Miller Memorial Scholarship to provide a grant for George Thompson for fall term.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(25) $66.66 from the American Legion of Detroit to provide a Guy M. Wilson scholarship for Gary A. Warner for fall term.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(26) $83 from the M &amp; S Manufacturing Company of Hudson to provide a grant for Joan Guss for fall term.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(27) $200 from the Grand Chapter, Order of Eastern Star of Michigan, of West Branch to provide a grant for Emma Lee Carter.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(28) $750 from Socony-Vacuum Oil Company of New York City to provide a scholarship in exploration sciences for 1955-56.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(29) $500 from the American Association of University Women of Lansing to continue their scholarship for Sharlene Jo Bailey.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(30) $250 from Michigan State Women's Club of Kent County to provide a grant for Adrienne Douglas.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(31) $85 from the American Institute of Steel Construction, Inc. of New York City to continue the scholarship for an engineering student.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(32) $119 from W. R. Grace &amp; Company of New York City to provide financial assistance for a student from Peru for 1955-56.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(33) $200 from Bethel A. M.E. Church of Saginaw to provide financial assistance for Ollie M. Jackson.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(34) $168 from the American Association of University Women of Lansing to continue their scholarship for needy women students.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. $10,000 grant from Coy G. Eklund of Detroit in the form of a life assurance policy with Equitable Life Assurance Society of the United States (Policy 14,759,465) naming Michigan State University or its successors beneficiary. The stipulation is made that one scholarship be made available each year to a qualified student living in Alger County.

4. $5,000 from Hazen Stevens of Saginaw in the form of a life insurance policy with Jefferson National Life Insurance Company, naming Michigan State University or its successors beneficiary. The money is to be used to establish a scholarship fund. The policy number 60670 is dated May 1, 1955.

5. Grant of $125 from the Individual Trustees of the Alcoa Foundation of Pittsburgh in support of the Alcoa Foundation Scholarship held by Carolyn L. Pryor.

6. Approval of a memorandum of agreement with Johnson and Johnson Company of Chicago covering a grant of $375 to be used under the direction of J. H. Jensen in Dairy in a milk filtration experiment.

7. Renewal of a memorandum of agreement with the Midwest barley Improvement Association of Millard covering a grant of $400 to be used under the direction of John Grafius in Farm Crops in testing of barley varieties in the Thumb area and the effect of different fertilizers upon the yield and malting qualities of these varieties.

8. Renewal of a memorandum of agreement with the Farmers and Manufacturers Beet Sugar Association of Saginaw covering a grant of $3000 to be used under the direction of H. L. Kohls in Farm Crops to support research in sugar beet breeding.

9. Approval of a memorandum of agreement with E & B Brewing of Detroit covering a grant of $2500 to be used under the direction of John Grafius in Farm Crops to provide technical assistance for the barley and oat genetics and plant breeding projects.

10. Grant of $5000 from Nicolay-Dancey, Inc., of Detroit, to be used under the direction of R. B. Thompson in Farm Crops, I. J. Pflug in Agricultural Engineering, and R. S. Lincoln in Agricultural Extension to conduct research on potatoes with special emphasis on potato chip quality.

11. Approval of a memorandum of agreement with the Grasselli Chemicals Department of the DuPont Company of Wilmington, Delaware, covering a grant of $300 to be used under the direction of A. E. Mitchell and H. B. Tukey in Horticulture to determine the effect of Fungicide AF-1211 on fruit finish, appearance of foliage, possible disease control and handling qualities of compound on various apple varieties.

12. Approval of a memorandum of agreement with the International Minerals and Chemical Corporation of Skokie, Illinois, covering a grant of $9000 to be used under the direction of A. L. Reynolds and H. B. Tukey in Horticulture to study the influence of anion balance as influenced by various potassium and magnesium sources upon growth of and absorption of nutrients by various fruit crops. The agreement provides for special graduate research assistants if they are needed.
### Gifts and Grants, continued

<table>
<thead>
<tr>
<th>Grant Description</th>
<th>Amount</th>
<th>Responsible Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval of a memorandum of agreement with the Naugatuck Chemical Division of</td>
<td>$1275</td>
<td>American Hotel Association of New York City</td>
</tr>
<tr>
<td>United States Rubber Company of Naugatuck, Connecticut, covering a grant of $2500</td>
<td></td>
<td>Assoc.-Rest. A.</td>
</tr>
<tr>
<td>to be used under the direction of S. H. Wittwer and H. R. Tukey in Horticulture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>for research on chemical induction of male sterility in cucurbits by use of</td>
<td></td>
<td></td>
</tr>
<tr>
<td>maleic hydraside and the use of N-aryl phthalamic acids as fruit setting and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>flower forming agents in horticultural crops. The agreement provides for a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>special graduate research assistant.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supplemental grant of $120 from the United States Atomic Energy Commission of</td>
<td>$2500</td>
<td>Detroit Edison Company of Detroit</td>
</tr>
<tr>
<td>Lemont, Illinois, to be used under the direction of H. R. Tukey in Horticulture</td>
<td></td>
<td>Assoc.-Hort.</td>
</tr>
<tr>
<td>to add to the scope of the work being carried on by the University under</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supplement No. 6 to Contract No. AT (11-1)-159.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuation of a memorandum of agreement with Pan American Seeds, Inc. of</td>
<td>$975</td>
<td>Bardmatic Corporation</td>
</tr>
<tr>
<td>Paonia, Colorado, covering a grant of $200 to be used under the direction of W.</td>
<td></td>
<td>Corp.-PH</td>
</tr>
<tr>
<td>J. Haney and H. R. Tukey in Horticulture for hiring assistants for the purpose</td>
<td></td>
<td></td>
</tr>
<tr>
<td>of conducting research and taking records on projects involved.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Continuation of a memorandum of agreement with the Detroit Edison Company of      | $2500       | Sharp & Dohme Division of Merck and Company, Inc.  
| Detroit covering a grant of $2500 to be used under the direction of C. L.        |             | Inc., of Ashland, Ohio, for studies on the    |
| Hamner and H. R. Tukey in Horticulture in a study of the inhibition of            |             | chemical induction of male sterility in        |
| vegetative growth of deciduous trees. The agreement provides for special         |             | cucurbits by use of maleic hydraside and the   |
| graduate research assistants.                                                    |             | use of N-aryl phthalamic acids as fruit        |
| Approval of a memorandum of agreement with Brewers Yeast Council, Inc., of       | $900        | American Hotel Association of New York City   |
| Chicago covering a grant of $900 to be used under the direction of P. J.          |             | Assoc.-Rest. A.                                 |
| Schadie in Poultry Husbandry in studies on fish nutrition utilizing brewers yeast |             |                                               |
| in fish hatchery diets.                                                         |             |                                               |
| Renewal of a memorandum of agreement with the Michigan State Poultry Improvement | $3500       | Michigan Agricultural Limestone Association   |
| Association of East Lansing covering a grant of $900 to be used under the        |             | Assoc.-Soils                                  |
| direction of J. A. Davidson in Poultry Husbandry to assist the testing of         |             |                                               |
| 10 entries in the Second Michigan Broiler Test at Kellogg Farm.                  |             |                                               |
| Grant of $1250 to be used under the direction of A. T. Wilcox in Land and        | $15,970     | National Institutes of Health of Bethesda,   |
| Water Conservation to support the project for research and printing of           |             | Maryland, for studies on the chemical         |
| technical literature in the park management field.                               |             | induction of male sterility in cucurbits by   |
| Renewal of a memorandum of agreement with the American Hotel Association of      | $975        | use of N-aryl phthalamic acids as fruit        |
| New York City covering a grant of $1275 to be used under the direction of D.      |             | setting and flower forming agents in           |
| H. Greenaway in Restaurant Management to study the competitive relationships,    |             | horticultural crops. The agreement provides    |
| clientelle, and guest attitudes regarding hotels and restaurants. The           |             | for a special graduate research assistant.     |
| agreement provides for a special graduate research assistant.                    |             |                                               |
| Renewal of a memorandum of agreement with the National Institutes of Health of    | $1000       | National Humane Society of Washington, D.C.   |
| Bethesda, Maryland, covering a grant of $125,970 to be used under the           |             | for studies on the humane slaughter of swine.  |
| direction of R. U. Byerum, C. A. Hoppert, and R. V. Allred in Chemistry for     |             |                                               |
| toxicity studies on cadmium and hexavalent chromium in concentrations that may   |             |                                               |
| be expected in public water supplies. The agreement provides for a special       |             |                                               |
| graduate research assistant.                                                    |             |                                               |
| Approval of a memorandum of agreement with the Human Society of Washington, D.   | $2500       | United States Armed Forces Institute of         |
| C., covering a grant of $1100 to be used under the direction of R. B. Barner in   |             | Madison, Wisconsin, to be used under the      |
| Animal Pathology for studies on the human slaughter of swine.                    |             | direction of F. L. Dressel at WBAI-ARadio to  |
| Renewal of a memorandum of agreement with Hess & Clark, Inc., of Ashland, Ohio,  | $575        | defray expenses of broadcasting out-of-town    |
| covering a grant of $1000 to be used under the direction of S. C. Schmidte in    |             | athletic contests.                             |
| Microbiology and Public Health to cover expenses incurred in moving picture      |             |                                               |
| production of nitrofuran derivative.                                             |             |                                               |
| Approval of a memorandum of agreement with the Bardmatic Corporation of          | $2500       | Michigan Agricultural Conference covering a    |
| Muskegon covering a grant of $975 to be used under the direction of W. L.        |             | grant of $5417 to be used under the direction  |
| Mallman in Microbiology and Public Health in a study of the anaerobic-aerobic     |             | of R. J. Coleman at WBAI-ARadio to defray      |
| breakdown of domestic garbage.                                                   |             | expenses of broadcasting out-of-town           |
| Renewal of a memorandum of agreement with Sharp & Dohme Division of Merck and    | $2500       | athletic contests.                             |
| Company, Inc., of West Point, Pennsylvania, covering a grant of $2500 to be      |             |                                               |
| used under the direction of Joyce Cathey in Surgery and Medicine in an evaluation  |             |                                               |
| of pancreatic dornase and antibacterial substance that may be useful in the      |             |                                               |
| treatment of bovine mastitis.                                                   |             |                                               |
| Renewal of a memorandum of agreement with the Michigan Agricultural            | $800        | American Hotel Association of New York City   |
| Conference covering a grant of $800 to be used under the direction of R. J.      |             | Assoc.-Rest. A.                                 |
| Coleman at WBAI-ARadio to defray expenses of hiring assistants for the          |             |                                               |
| purpose of conducting research and taking records on projects involved.          |             |                                               |
| Grant of $1200 from the United States Armed Forces Institute of Madison,        | $1200       | U.S. Armed Forces Institute.-Board             |
| Wisconsin, to be used under the direction of P. L. Dressel of the Board of        |             | Examiners                                      |
| Examiners to construct two tests in English suitable as end-of-course            |             |                                               |
| examinations for USAFIE-English I and II.                                       |             |                                               |
| Grants as follows to help defray expenses for staging the Christmas Adventure    |             |                                               |
| in World Understanding from December 20-30, 1955:                                |             |                                               |
NEW BUSINESS, continued

Gifts and Grants, continued

29. Grants for Christmas Adventure in World Understanding, cont:
   a. $25 from E. E. Kimney of East Lansing
   b. $100 from the Foster Welfare Foundation of Grand Rapids
   c. $400 from Gladys Olds Anderson of Lansing
   d. $500 from the Detroit Edison Company of Detroit
   e. $50 from Allan and Mrs. Thomas Cogood of East Lansing

30. Renewal of a memorandum of agreement with the New Holland Machine Division of New Holland, Pennsylvania, covering a grant of $2000 to be used under the direction of A. W. Farrall in Agricultural Engineering to provide a graduate assistantship and operating funds for an experiment in agricultural machinery, especially silage handling.

31. Renewal of a memorandum of agreement with the Michigan Artificial Breeders of East Lansing covering a grant of $2000 to be used under the direction of L. B. McWillard in Dairy to study the heritable economic characteristics of dairy cattle in the Michigan Dairy Herd Improvement Associations.

32. Renewal of a memorandum of agreement with the Office of Naval Research of Washington, D. C., covering a grant of $9536 to be used under the direction of Leo Kats in Statistics to complete research work on mathematics models for social group and organization theory.

Several grants for scholarship purposes:

33. Grants as follows for scholarship purposes:
   a. $500 from the Restaurant Women's Club of Chicago for Gail Mitchell for 1955-56. Should she withdraw from school, the unused balance of the funds are to be returned to the Club.
   b. $5000 from the Joseph Schlitz Brewing Company of Milwaukee to be awarded under the direction of the Division of Hotel, Restaurant, and General Institutional Management. This is an annual award of $5000 with the money to be spent within each academic year.

34. Change in date of appointment of Elaine Rutherford, Assistant Professor of Foods and Nutrition, from September 1 to September 12, 1955.

Report for Board Members

Approval of Alteration 
& Improvement Items

1. The following items have been approved and charged to Alterations and Improvements 1955-56:
   a. Improve lighting in the Buildings and Utilities Shops $ 900
   b. Alterations to Quonset 1 for Police Administration 380
   c. Six overhead doors to close ramps on east side of Stadium 1650
   d. Replace wood floors with cement and asphalt tile, Morrill Hall, rooms 5, 6, 7 and 8 1400

Add. payments made to salaried employees

2. Additional payments made to salaried employees. (List on file with these Minutes.)

On motion of Miss Jones, seconded by Dr. Smith, it was voted to approve the President’s Report and all New Business.

ADDITIONAL ITEMS

Leaves

1. Robert J. Geist, Assistant Professor of English, with full pay from July 1, 1956 to December 31, 1956 to study at the University of Michigan and Yale.

2. James D. Jackson, Assistant Professor of Continuing Education with full pay from December 1, 1955 to March 31, 1956, to study for his Ed.D. at M.U.

Appointments

1. William A. Jones, Assistant Professor of Continuing Education at a salary of $5900 per year on a 12-month basis, effective October 16, 1955.

Transfers

1. Frank V. Gendron from 4-H Club Agent in Washtenaw County to Field Dairyman (Ext.) in Dairy at a salary of $1000 per year on a 12-month basis, effective October 1, 1955. Mr. Gendron is to work ½ time on his Ph.D.

2. Donald Hillman from 4-H Club Agent in Genesee County to Field Dairyman (Ext.) at a salary of $1000 per year on a 10-month basis, effective October 1, 1955. Mr. Hillman is to work ½ time on his Ph.D.

Acceptance of several grants for scholarship purposes:

1. Grants as follows to be used for scholarship purposes:
   a. $75 from the Amos J. and Leigh Hunt Hinkel Memorial Student Fund of Buffalo, New York
   b. $100 from Delta Sigma Theta Sorority of Dayton, Ohio.
   c. $183.73 from the Hastings Public Schools.
ADDITIONAL ITEMS, continued

Miscellaneous, continued

1. Grants for scholarships, continued:
   d. $50 from the Kiwanis Club of Roscoe, New York
   e. $150 from the Michigan Society for Crippled Children and Adults, Inc., of Detroit for two
      students who are studying the teaching of the visually handicapped.
   f. $600 from the Elks National Foundation Emergency Educational Fund of Boston, Mass.
   g. $400 from the Chicago Restaurant Association of Chicago, Illinois, to provide a
      scholarship for Paul Arnold during the 1955-56 school year. This is a continuation of
      the Chicago Restaurant Association scholarship.

2. Renewal of a memorandum of agreement with the American Institute of Park Executives of Aurora,
   Illinois, covering a grant of $7000 to be used under the direction of A. T. Wilcox in Land and
   Water Conservation to develop a technical publication for public park administrators as a means
   of improving the quality of public use of park lands through outdoor education.

3. Corrections in the budget for 1955-56, as follows:
   a. David Loshak, Instructor in Art, is shown as being on leave without pay to
      August 1955. This should be corrected to December 31, 1954.
   b. Dean E. McKeen, Assistant Professor of Agricultural Economics—Salary should be
      corrected from $5900 to $6300.
   c. Marion A. Niederpruem, Assistant Professor of Textiles, Clothing, and Related Arts—
      budget shows 4/5 time at $1805. This should be corrected to 1/3 time at $2110 for one
      year beginning September 1, 1955.

4. Change Jack J. Stockton, Assistant Professor of Microbiology and Public Health, from 12-month
   basis at a salary of $7500 to a 10-month basis at a salary of $6250 per year, effective as
   of July 1, 1955.

5. Transfer Norman Tufford from Engineer in Buildings and Utilities on Board appointment to
   Mechanical Engineer VB on the classified list, effective as of March 1, 1955.

6. Report from Mr. McDonel on the recent action taken by the Water Resources Commission as follows:
   "Lansing Area (Cities of Lansing and East Lansing; Board of Agriculture; Board of
   Water and Electric Light Commissioners, Lansing; Meridian Township; Ingham County
   officials): Discussion ensued of possible means of approach to the area problem. Mr.
   Baldwin made a motion, supported by Mr. Wells, that the whole area problem be further studied
   and reviewed by Commission staff, in cooperation with state and local health departments
   and governmental subdivisions involved, and that a report of staff findings and recommendations
   for Commission action be made at the December meeting. Motion unanimously carried. Study
   was authorised to include the cities of Lansing, East Lansing, Michigan State University,
   Meridian Township, Lansing Township and portions of Eaton County immediately adjacent to
   western Ingham County."

7. The Registrar reports the enrollment for the fall term as of October 10 includes 17,021
   on-campus students, 6148 off-campus students for credit. These figures do not include
   approximately 165 short course students. The total on-campus enrollment for the fall quarter
   will be approximately 17,200.

8. It was suggested that the appreciation of the University should be reiterated to the Kellogg
   Foundation for the wonderful facilities made available by them to Michigan State University.
   On motion of Mr. Mueller, seconded by Dr. Smith, it was voted to express the appreciation of this
   Board to the Kellogg Foundation and particularly to Dr. Emory Morris for making available to the
   University and through the University to the public the splendid facilities of the Kellogg Estate
   now known as the W. K. Kellogg Biological Station of Michigan State University. This Board is also
   grateful to the Kellogg Foundation for its generous support of the many projects of Michigan State
   University that have been made possible or aided by grants from the Foundation.
   On motion of Mr. Brody, seconded by Mr. Mueller, it was voted to approve all Additional Items not
   already acted upon.

The meeting adjourned at 11:55 a.m.

The next meeting will be held Friday, November 18, 1955.