

MINUTES OF THE MEETING
of the
STATE BOARD OF AGRICULTURE
August 6, 1954

Present: Mr. Brody (Chairman); Messrs. Akers, Mueller, Rouse; Miss Jones; President Hannah, Secretary McDonel and Comptroller May

Absent: Mr. Armstrong; Dr. Taylor

The meeting was called to order at 10:00 a.m.

The minutes of the previous meeting were approved.

PRESIDENT'S REPORT

Resignations and Terminations

Resignations

1. Dean A. A. Potter as Consultant to the President in Charge of Engineering, effective June 30, 1954.

On motion of Mr. Mueller, seconded by Mr. Brody, it was voted to authorize the preparation of a resolution expressing the sincere thanks of the Board for Dean Potter's outstanding services to the College during the past year. (See Resolutions Book).

2. Jennie Day as Instructor (Extension) in Foods and Nutrition, effective July 12, 1954, to devote full time to her home.
3. Temporary Assistants in Foreign Languages, effective June 30, 1954, as follows:

Raquel Ibanez	Mrs. Marguerite M. Miller
Kyu Yawp Lee	Naaman Nakfoor
4. Charles H. Kraft as Instructor in Mathematics, effective July 31, 1954, to accept a position at the University of California. His salary is to remain at the former rate of \$4800 per year until his resignation is effective.
5. Wilfred C. Lane as Instructor in Surgery and Medicine, effective July 10, 1954, to remain in private practice and for other personal reasons.
6. Mrs. Vera Morrow as Secretary to the Administrative Assistant in Charge of Public Relations, effective July 10, 1954, to devote full time to her home.
7. Ronald D. Jones, effective July 31, 1954. Dr. Jones was assigned to the project at the University of the Ryukyus for the past two years.
8. Cancellation of the appointment of Lewin Goff as Assistant Professor of Speech for the summer session of 1954.
9. Cancellation of the appointment of Jack J. Preiss as Instructor in Sociology and Anthropology for the 6-week summer session of 1954.

Leaves

Leaves

1. Leave of absence with full pay for F. Earl Haas, Oceana County Agricultural Agent, from June 28, to July 17, 1954, to take a course during the summer at Michigan State College.
2. Leave of absence with full pay for Eugene F. Dice, Ottawa County Assistant County Agricultural Agent, from July 12 to July 25, 1954, to attend the Extension summer school at Cornell University.
3. Leave of absence without pay for Elizabeth Page, Instructor in Home Management and Child Development, for the month of July 1954, as an additional vacation period.
4. Leave of absence without pay for Ethel J. Armeling, Instructor in Music, for one year beginning September 1, 1954, to study German vocal music in Germany.
5. Leave of absence without pay for Walter J. Thompson, Cook III in Shaw Hall effective from July 24, 1954, to June 30, 1955, for military service.

Appointments

Appointments

1. Appointment of Ronald Everett Kampe as Huron County 4-H Club Agent at a salary of \$5000 per year on a 12-month basis, effective July 26, 1954. This is a new position paid \$2700 from Smith-Lever and \$2300 from State Offset funds.

PRESIDENT'S REPORT, continued

Appointments

Appointments, continued

2. Appointment of James Elliott Colling as Midland County 4-H Club Agent at a salary of \$5000 per year on a 12-month basis, effective July 1, 1954, to replace W. P. Kirkpatrick, transferred. His salary is to be paid \$2700 from Smith-Lever, \$1300 from State Offset, and \$1000 from County not Offset funds.
3. Appointment of James Hammond Luther as 4-H Club Agent in Manistee, Mason, and the west half of Lake Counties at a salary of \$4600 per year on a 12-month basis, effective July 1, 1954, to replace E. D. Raven, transferred. His salary is to be paid \$2700 from Smith-Lever and \$1900 from State Offset funds.
4. Transfer of Edwin Dean Raven from 4-H Club Agent in Manistee, Mason, and the west half of Lake Counties to Assistant County Agricultural Agent in Mason and the West half of Lake Counties at the same salary of \$5000 per year, effective July 1, 1954. This is a new position financed by new Smith-Lever funds.
5. Transfer of R. C. Lott from Genesee County Agricultural Agent to Associate District Extension Supervisor at the same salary of \$8000 per year, effective July 1, 1954.
6. Transfer of Harold Liskow Sparks from Cass County 4-H Club Agent to Cass County Agricultural Agent at the same salary of \$6200 per year, effective July 1, 1954, to replace R. F. Pittner, transferred.
7. Transfer of Cecil Frederick Kerr from Assistant County Agricultural Agent at Large to Assistant County Agricultural Agent for Bay County at the same salary of \$5600 per year, effective July 1, 1954. This is a new position financed from additional federal funds.
8. Transfer of Wilbur Allen Dexter from Assistant County Agricultural Agent at Large to Washtenaw County Assistant Agricultural Agent at the same salary of \$5200 per year, effective July 1, 1954. This is a new position financed by new Smith-Lever funds.
9. Transfer of William P. Kirkpatrick from Midland County 4-H Club Agent to Presque Isle County Assistant Agricultural Agent at the same salary of \$5400 per year, effective July 1, 1954.
10. Appointment of Harry Carl Lund as Midland County Assistant Agricultural Agent at a salary of \$5400 per year on a 12-month basis, effective July 12, 1954. This is a new position paid half from Smith-Lever and half from State Offset funds.
11. Appointment of Gerald Peter Van Singel as Assistant County Agricultural Agent at Large at a salary of \$4800 per year on a 12-month basis, effective July 1, 1954. This is a new position to be paid \$2700 from Smith-Lever and \$2100 from State Offset funds.
12. Transfer of Mrs. Margaret Carlson Browne from Wexford County Home Demonstration Agent to Home Demonstration Agent at Large and a salary increase from \$4700 to \$5200 per year, effective July 10, 1954. This is a new position financed from additional federal funds.
13. Transfer of Vivian E. Rae from Muskegon County Home Demonstration Agent to Home Demonstration Agent in Manistee and Mason Counties at the same salary of \$4100 per year, effective July 12, 1954.
14. Appointment of Doris Patricia Van Riper as St. Joseph County Home Demonstration Agent at a salary of \$3600 per year on a 12-month basis, effective July 1, 1954, to replace Ann G. Meyering, resigned. Her salary is to be paid \$2700 from Smith-Lever and \$900 from State Offset funds.
15. Appointment of Mrs. Marian Nash Kottke as Consumer Information Agent in the Flint Area at a salary of \$6000 per year on a 12-month basis, effective July 1, 1954. This is a new position financed by Michigan Agricultural Marketing Education Program funds.
16. Appointment of Lou Emma Breckenridge as Consumer Information Agent (Kalamazoo) at a salary of \$5100 per year on a 12-month basis, effective July 1, 1954. This is a new position financed by Michigan Agricultural Marketing Education Program funds.
17. Transfer of Mrs. Josephine H. Lawyer from Oakland County Home Demonstration Agent to Consumer Information Agent (Detroit) and a salary increase from \$6000 to \$6300 per year, effective July 1, 1954. This is a new position financed from Michigan Agricultural Marketing Education Program funds.
18. Transfer of Hans H. Haugard from Assistant County Agricultural Agent in Oakland County to District Marketing Agent in Gratiot, Saginaw, and Shiawassee Counties at the same salary of \$5700 per year, effective July 1, 1954. This is a new position financed by Michigan Agricultural Marketing Program funds.
19. Transfer of Ruford F. Bittner from Cass County Agricultural Agent to District Marketing Agent in Berrien and Van Buren Counties at the same salary of \$7400 per year, effective July 1, 1954. This is a new position financed from Michigan Agricultural Marketing Education Program funds.
20. Appointment of Albert C. Hodge as Lecturer in General Business at a salary of \$6000 for the period from September 1, 1954, to June 30, 1955.
21. Reappointment of Edward K. Platt as Assistant Professor of Engineering Drawing, effective for one year only beginning September 1, 1954. This is a deviation from the tenure rules.
22. Appointment of George B. Noland as Instructor in Entomology at a salary of \$200 per month, effective from June 16 to August 31, 1954.
23. Appointment of Jack M. Bain as Assistant Professor of Speech at a salary of \$5200 per year on a 10-month basis, effective September 1, 1954, to replace Lucia Morgan, resigned.

PRESIDENT'S REPORT, continuedAppointments, continued

Appointments

24. Appointment of the following as Assistants (Research) in Chemistry, effective from July 1 to August 31, 1954:
 - a. Gerald G. Dull, at a salary of \$375 per month, paid from Public Health funds.
 - b. Robert L. Hermann, at a salary of \$375 per month, paid from Atomic Energy Commission funds.
25. Reappointment of Dwight T. Ewing, Professor Emeritus of Chemistry, at a salary of \$5000 per year on a 12-month basis, effective July 1, 1954, on a temporary, half-time basis, and paid from the Mathieson Chemical Corporation grant (account 71-2436). This is in addition to Dr. Ewing's retirement pay.
26. Reappointment of Herbert B. Thompson as Instructor (Research) in Chemistry at a salary of \$5000 per year, effective from July 1 to August 31, 1954, and paid from the grant from the Office of Naval Research (account 71-2606).
27. Appointment of William Price Brown as Assistant Professor of Mathematics at a salary of \$5000 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace Charles H. Kraft, resigned.
28. Reappointment of Roy A. Clifford as Assistant Professor of Sociology and Anthropology at a salary of \$450 per month, effective from September 1, 1954, to March 31, 1955. He is to be paid from Carnegie Corporation funds from September 1 to December 31, 1954, and from College funds from January 1 to March 31, 1955. This is a replacement for Kenneth Tiedke who will be on leave.
29. Appointment of Russell Powers, Jr. as Associate Publications Editor in Information Services at a salary of \$5400 per year on a 12-month basis, effective July 1, 1954. This is a new position.
30. Appointment of Wesley Irvin Schmidt as Instructor in Continuing Education at a salary of \$6300 per year on a 12-month basis, effective July 1, 1954. This is a new position.
31. Reappointment of George Hosler as Consultant in Continuing Education at a salary of \$5900 per year on a 12-month basis, effective for one year only beginning September 16, 1954.
32. Appointment of Wilfred Veenendaal as Instructor in Audio-Visual Aids at a salary of \$5500 per year on a 12-month basis, effective August 1, 1954, to replace George Wexler, transferred.
33. Appointment of Helen Louise Wild as Manager of Mary Mayo Hall at a salary of \$4600 per year on a 12-month basis, effective August 1, 1954, to replace Norma Kowitz, resigned. Miss Wild has been previously employed on the classified list.
34. Appointment of Robert L. Stevens as Instructor in Health, Physical Education, and Recreation and Freshman Basketball Coach at a salary of \$5000 per year on a 12-month basis, effective July 1, 1954. This is a new position.
35. Appointment of Bernard B. Stone as Associate Professor of Music at a salary of \$900 for the 6-week summer session from June 22 to July 30, 1954.
36. Appointment of Ervin E. Reed as Assistant in Speech at a salary of \$200 for the 6-week summer session from June 22 to July 30, 1954.
37. Appointment of Jack M. Bain as Assistant Professor of Speech at a salary of \$800 for the 6-week summer session from June 22 to July 30, 1954.
38. Appointment of Hendrik Zwarensteijn as Lecturer in General Business at a salary of \$1225 for the 9-week summer session from June 22 to August 20, 1954.
39. Appointment of Arthur Vener as Instructor in Sociology and Anthropology at a salary of \$350 for the 9-week summer session from June 22 to August 20, 1954.
40. Appointment of Harold Schlichting as Instructor in Botany and Plant Pathology at a salary of \$450 for the period from July 6 to August 20, 1954.

Miscellaneous

1. Additional pay for C.S. Gerlach, Associate Professor of Landscape Architecture and Urban Planning, at the rate of \$600 per month, effective from July 1 to August 15, 1954, for work for the Cooperative Extension Service and paid from Extension funds.
2. Increase in salary for H. J. Raphael, Instructor in Forest Products, from \$5225 to \$5525 per year, effective July 1, 1954.
3. Assignment of Leo A. Haak, Professor of Social Science, to the Michigan Communications Study from July 1 to September 15, 1954.
4. Increase in salary for Leslie W. Scott, Professor and Director of the Division of Hotel, Restaurant, and Institutional Management, to \$13,000 per year, effective July 1, 1954.

Add. pay C.S.
Gerlach dur-
ing summer
1954.

Inc. salary
H.J. Raphael
to \$5525

Assignment L.A.
Haak to Mich.
Comm. Study
to Sept. 15 '54

Inc. salary
L.W. Scott to
\$13,000

President's Report, continuedMiscellaneous, continued

- Transfer
Leland Dean to Education.
- C.R. Hoffer acting Hd. Soc.
Add. Pay. \$950 to J.L. Dye
- Also to:
C.H. Brubaker
J.L. Fairley
Max T. Rogers
- C.D. Hause Acting Head Phys. & Ast.
- Add. \$1500 pd E.A. Hiedemann during summer
- Add. pay to R.D. Spence
J.A. Cowen
- Correction in salary to Jerry Cowen to \$800 for summer ses.
- Ch. status R.D. Barner to 12 mo.
- Approval payment year's salary to Mrs. Muncie.
- Acceptance of several gifts for dept. of Agricultural Engineering.
- Several gifts accepted for Poultry Dept.
- Thermal heat sealer accepted for Forest Products.
- Also Elmendorf tearing tester.
- Gift of several books for Kellogg Center from Mr. Klare
- Steam gage tester for Mech. Engr. Dept.
- Gifts accepted for Museum
- Grants accepted for Ryukyus Scholarship Loan Fund.
- Life insurance policy from Harry K. Wrench
5. Transfer of Leland Dean from Instructor in Continuing Education to Instructor in Education and Assistant to the Dean of Education at the same salary of \$7700 per year on a 12-month basis, effective July 16, 1954.
 6. Designation of C. R. Hoffer as Acting Head of the Department of Sociology and Anthropology at an additional salary of \$100 per month for the period from June 20 to October 19, 1954.
 7. Payment of \$950 to J. L. Dye, Assistant Professor of Chemistry, for work during the summer on a project financed by the Atomic Energy Commission contract (account 71-2315).
 8. Payments as follows to Chemistry Department staff members for work during the summer, from July 1 to August 31, 1954, and paid from Atomic Energy Commission funds:

Carl H. Brubaker	\$1040, Account 71-2465
James L. Fairley	1100, Account 71-2308
Max T. Rogers	1595, Account 71-2622
 9. Designation of C. D. Hause as Acting Head of the Department of Physics and Astronomy, effective July 1, 1954, until a new Head is appointed, at an additional salary of \$100 per month.
 10. Payment of \$1500 to E. A. Hiedemann, Professor (Research) of Physics and Astronomy, for work during the summer on a research project for the National Science Foundation and paid from a grant made by the Foundation.
 11. Payments as follows to staff members of the Physics and Astronomy Department for work during July and August 1954 on a contract with the United States Ordnance Department, and paid from Account 7x-2305:

R. D. Spence, \$1500 for the period	J.A. Cowen, \$400 for the period
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 12. Correction in the salary of Jerry Cowen, Assistant Professor of Physics and Astronomy for the 9-week summer session, from \$1200 to \$800 for the period.
 13. Change in status of Ralph D. Barner, Associate Professor of Animal Pathology, from a 10-month to a 12-month basis, at a salary of \$9000 per year, effective September 1, 1954.
 14. Approval of payment of the salary of Dr. J. H. Muncie to his widow at the rate of \$9000 per year, effective for one year from the date of his death, July 4, 1954. This is in accordance with the established policy.
 15. Accepted a gift of a 130-gallon drum of fertilizer ammoniating solution from the Nitrogen Division of Allied Chemical and Dye Corporation of New York City to be used in Agricultural Engineering in fertilizer placement research. This gift is valued at \$105.93.
 16. Gift of one Q-16 grain storage with ventilation fan and duct valued at \$2400 from the Great Lakes Steel Corporation, Stran-Steel Division, of Ecorse, Michigan, to be used in Agricultural Engineering with various ventilation arrangements for the experimental storage of grain.
 17. Gift of 12 stainless steel egg meat buckets, 4 stainless steel egg breaking trays, 6 stainless steel egg cups, 1 galvanized egg breaking table, 2 egg shell crushers, 1 heavy leaker tray, and 1 thermometer from W. S. Hannah & Sons of Grand Rapids to be used for experimental work in the Poultry Husbandry Department. The total value of this gift is \$177.50.
 18. Gift of one Model 9A Thermal Impulse Heat Sealer valued at \$100 from the Vertrod Corporation of Brooklyn, New York, for packaging laboratory use in the Department of Forest Products.
 19. Gift of an Elmendorf Tearing Tester valued at \$360 from the American Box Board Company of Grand Rapids to be used in the Forest Products Department for experimental and class laboratory work in packaging courses.
 20. Gift of reference books valued at \$50 from H. William Klare of Detroit to be placed in the John Willy Room of Kellogg Center.
 21. Gift of one planimeter and one portable steam gage tester from I. C. Derhammer of the Auto Repair Shop of Lansing to be used in Mechanical Engineering for checking steam gages and measuring areas. This equipment has an estimated value of \$130.
 22. Gifts for the College Museum (as listed in the Secretary's Office) with a total value of \$3,344.70.
 23. Grants as follows to be credited to the Ryukyus Scholarship Loan Fund:
 - a. \$20 from the Menominee Mid-County Men's Club of Menominee
 - b. \$45 from the Dickinson County Home Demonstration Groups
 - c. \$26.34 from the Munising Township Schools
 24. Gift of life insurance from Harry K. Wrench of Minneapolis, Minnesota. Mr. Wrench has named Michigan State College Scholarship Fund as the beneficiary of \$750 insurance policy carried on his life by the Sigma Nu Fraternity.

PRESIDENT'S REPORT, continuedMiscellaneous, continued

25. Accepted the following grants to be used for scholarship purposes:

- a. \$300 from the Faculty Folk Club and the Faculty Women's Association to provide four \$75 scholarships for needy women students.
- b. \$197.40 from the Wesleyan Service Guild of Central Methodist Church of Lansing to provide a scholarship for a woman student.
- c. \$750 from The Harrison Jules Louis Frank and Leon Harrison Frank Memorial Corporation of Detroit to continue the scholarship for an engineering student.
- d. \$600 from David Frisch of Frisch Restaurant, Inc., of Norwood, Ohio, to be used as a scholarship grant of \$100 per quarter for those worthy students who are members for part of the year in the Frisch Organization of Cincinnati, Ohio.
- e. \$100 from The Chicago Farmers of Chicago to be used as The Chicago Farmers Junior Scholarship in the School of Agriculture to be awarded to a student in Agriculture based on scholarship, leadership, and need.
- f. \$400 from Albert Pick, Jr. of the Pick Hotels Corporation of Chicago to be used under the direction of L. W. Scott in Hotel Management to continue a scholarship award.
- g. \$200 from the Detroit Panhellenic Association of Detroit to be used to aid a worthy woman student selected by the All-College Scholarship Committee.

Several grants accepted for scholarship purposes.

26. Approved a memorandum of agreement with O-Cel-O Division of General Mills, Inc., of Buffalo, New York, covering a grant of \$500 to be used under the direction of R. C. Lewis and C. K. Smith in Dairy and Bacteriology in a study of the use of sponges for washing the udders of dairy cows before milking.

Memo agree O-Cel-O Div. Dairy and Bacty.

27. Approved the renewal of a memorandum of agreement with the Michigan Certified Hybrid Seed Corn Producers Association of Fairgrove covering a grant of \$10,191.20 to be used under the direction of E. C. Rossman in Farm Crops to develop improved corn hybrids for Michigan and to continue fundamental studies of corn breeding methods and corn genetics. The agreement provides for special graduate research assistants.

Renewal agreement Mich. Certified Hybrid Seed Corn Producers Assoc.

28. Grant of \$2800 from the W. K. Kellogg Foundation of Battle Creek to be used under the direction of R. W. Tenny in Short Courses to finance the Northeast Region Agricultural Short Course Planning Conference at Storrs, Connecticut.

\$2800 from Kellogg Found. for Short Courses.

29. Approved a memorandum of agreement with the Davison Chemical Company of Baltimore, Maryland, covering a grant of \$750 to be used under the direction of Kirk Lawton in Soil Science to obtain information regarding Davison's triple super phosphate as to rate of dissolution, migration and chemical availability and rate of phosphorus by plants.

Memo agree-Davison Chem. Soil Science

30. Renewal of a memorandum of agreement with The Institute of Inter-American Affairs of the Foreign Operations Administration covering a grant of \$161,012 to be used under the direction of H. J. Wyngarden in the School of Business and Public Service to assist the Getulio Vargas Foundation and IIAA-FOA in establishing and operating a School of Business Administration in Sao Paulo, Brazil.

Memo agree. & grant \$161,012 Bus. & Pub. Ser

31. Grant of \$2000 from the Ford Motor Company Fund of Dearborn to be used under the direction of Dean Wyngarden of the School of Business and Public Service to finance scholarships to participants in the Workshop in Economic Education.

\$2000 from Ford Motor Co. Fund Dearborn-School of Bus.

32. Grants as follows to be used under the direction of Frank H. Mossman in General Business for general development of the transportation curriculum:

Several grants accepted for General Business

- a. Flint Traffic Club of Flint \$20
- b. Saginaw Traffic Club 50

33. Approved a memorandum of agreement with the Consumers Power Company of Jackson, Michigan, covering a grant of \$1050 to be used under the direction of D. J. Luck in the Bureau of Business Research to finance a study of 1500 households in Grand Rapids Learning their ownership and purchasing intentions for appliances and related data that will have general economic usefulness to the sponsor, the City of Grand Rapids, and to the Bureau.

\$1050 from Consumers Power Co. Jackson - Bur. Bus. Res.

34. Memorandum of agreement with the United States Atomic Energy Commission of Lemont, Illinois, covering a grant of \$7000 to be used under the direction of L. W. Mericle in Botany in a study of irradiation effects upon developing plant embryos. The agreement provides for a special graduate research assistant.

Grant of \$7000 from U.S. Atomic Energy Com.

35. Memorandum of agreement with the Michigan Bell Telephone Company of Detroit covering a grant of \$500 to be used under the direction of W. W. Schroeder in Sociology to finance the projection of the Michigan population to 1975 by 5-year intervals, by sex, and by 5-year age groups.

Grant of \$500 from Mich. Bell Tel. Co. - Sociology

36. Renewal of a memorandum of agreement with the Atomic Energy Commission of Lemont, Illinois, covering a grant of \$5000 to be used under the direction of C. H. Brubaker in Chemistry for investigations into aperiodic oxidation states. The agreement provides for a special graduate research assistant.

Grant of \$5000 Atomic Energy Commission-Chemistry

37. Grant of \$4500 from the Atomic Energy Commission of Lemont, Illinois, to be used under the direction of J. L. Dye in Chemistry in a thermodynamic investigation of dilute solutions of the alkali metals in liquid ammonia. Provision is made for a special graduate research assistant.

\$4500 from Atomic Energy Com - Chem.

38. Grant of \$15,840 from the Atomic Energy Commission to be used under the direction of Max T. Rogers in Chemistry to continue the physico-chemical investigation of the interhalogen compounds. Provision is made for special graduate research assistants.

\$15,840 from Atomic Energy Com - Chem.

PRESIDENT'S REPORT, continuedMiscellaneous, continued

Grant \$21,720
from Mathieson Chemical

\$11,500 Off.
Ord. Res. of
Detroit

\$20,020 U.S.
D.A. Mark.
Serv-Physics

\$250 from
Sigma Xi New
Haven, Conn.

\$900 Michigan
Chemical Co.
Bacteriology

\$29,800 from
Dept. Army,
Bacteriology

\$2100 from
Carbide and
Carbon Chem.
Bacteriology

\$9200 U.S.
Atomic En.
Com-Physiol.

\$50 from Jack-
son Peach
Council

Several grants
for Cont. Edu
approved.

\$3000 approp.
for plant
materials

Carlock low
bidder for
air cond.
so. wing
Kellogg Cen.

39. Grant of \$21, 720 from the Mathieson Chemical Corporation of Baltimore, Maryland, to be used under the direction of L. L. Quill and D. T. Ewing in Chemistry to acquire a new knowledge in the fields of high calorific materials with attention to synthesis of analytical methods, physical measurements, and electrochemical methods. Provision is made for special graduate research assistants.
40. Renewal of a memorandum of agreement with the U. S. Army, Office of Ordnance Research of Detroit covering a grant of \$11,500 to be used under the direction of E.A. Hiedemann in Physics and Astronomy in a study of acoustic birefringence, development of methods for measuring ultrasonic quantities, and for the determination of the waveform of ultrasonic waves. The agreement provides for a special graduate research assistant.
41. Memorandum of agreement with the U. S. Department of Agriculture Agricultural Marketing Service of Washington, D. C., covering a grant of \$20,020 to be used under the direction of E. A. Hiedemann in Physics and Astronomy to conduct studies to evaluate the possibility of measuring albumen quality by ultrasonic and microwave techniques. The agreement provides for a special graduate research assistant.
42. Grant of \$250 from the Society of Sigma Xi of New Haven, Connecticut, to be used under the direction of D. J. Montgomery in Physics to aid research on static electrification in filaments.
43. Grant of \$900 from the Michigan Chemical Corporation of Saint Louis, Michigan, to be used under the direction of S. C. Schmittle in Bacteriology to study the use of methyl bromide as a fumigant against poultry disease agents. A provision is made for a special graduate research assistant.
44. Memorandum of agreement with the Department of the Army of Frederick, Maryland, covering a grant of \$29,800 to be used under the direction of W. N. Mack in Bacteriology in the development of a biological active sub-micron method for testing filtration efficiencies of gas masks and canisters. The agreement provides for special graduate research assistants.
45. Memorandum of agreement with the Carbide and Carbon Chemicals Company of New York City covering a grant of \$2100 to be used under the direction of R. N. Costilow in Bacteriology to investigate the usefulness of sorbic acid as a selective agent to control the fermentation of cucumbers for salt stock. The agreement provides for a special graduate research assistant.
46. Renewal of a memorandum of agreement with the U. S. Atomic Energy Commission of Washington, D.C. covering a grant of \$9200 to be used under the direction of L. F. Wolterink in Physiology and Pharmacology in a study of the intestinal absorption of strontium and calcium, and the incorporation of strontium and calcium into bone.
47. Grant of \$50 from the Jackson Peach Council of Jackson, Michigan, to be used under the direction of E. L. Harden in Continuing Education to underwrite expenses relating to the 1954 Christmas Adventure in World Understanding.
48. Grants as follows to be used under the direction of E. L. Harden in Continuing Education to underwrite costs of a Food Service Equipment Sales Course from June 7-18:
 - a. \$100 from the Service Publishing Corporation of New York City
 - b. \$100 from the Domestic Engineering Company of Chicago
 - c. \$100 from the Ahrens Publishing Company, Inc., of New York City
 - d. \$100 from the Patterson Publishing Company of Chicago
 - e. \$100 from the Conover-Mast Publications of New York City
49. Appropriation of \$3000 for plant materials for Grounds Maintenance with the understanding that in 1955-56 this item will be put in the regular budget.

On motion of Mr. Brody, seconded by Mr. Mueller, it was voted to approve the President's Report.

50. Accepted the bid of Carlock Insulating Company, the low bidder, in the amount of \$18,840 for air conditioning in the south wing conference rooms of Kellogg Center. Bids were received as follows:

Carlock Insulating Co.	\$22,400
Hager Cover Co.	23,620
United Piping & Erecting Co.	25,450

After the bids were taken, Carlock reduced the cost to \$18,840.

On motion of Mr. Mueller, seconded by Mr. Brody, it was voted to approve the above item.

NEW BUSINESSResignationsResignations and Terminations

1. Bergene Kawin as Associate Professor (Research) of Agricultural Chemistry, effective August 9, 1954, to accept a position with General Electric Company at Richland, Washington.
2. Edwin B. Jones as Assistant Professor (Research) of Agricultural Economics, effective July 31, 1954, to accept a position with the Ford Tractor Division of the Ford Motor Company.

NEW BUSINESS, continuedResignations and Terminations, continued:

Resignations

3. Walter H. Murrish as Instructor in Communication Skills, effective August 31, 1954, to accept a position at the University of Southern Illinois.
4. Joseph A. Del Porto as Associate Professor of Journalism, effective August 31, 1954, to accept a position at Boston University.
5. Mrs. Lucile Decker as Instructor (Research) in Foods and Nutrition, effective August 31, 1954, to continue her studies.
6. Charles L. Gilly as Assistant Professor of Botany and Plant Pathology, effective August 31, 1954.
7. Elizabeth E. Fink as Assistant Professor of Nursing Education, effective August 27, 1954, to accept another position.
8. Rachel F. Bethea as Instructor (Research) in Bacteriology and Public Health, effective August 31, 1954, at the expiration of her probationary period.
9. N. Gail Hill as Assistant Extension Editor in Information Services, effective September 15, 1954, to be married.
10. Percy H. Tannenbaum as Assistant Professor and Director of Research in Television Development, effective August 31, 1954, to accept a position at the University of Illinois.
11. Norma Giess Kowitz as Manager of Mary Mayo Hall, effective August 31, 1954, to move to Dearborn with her husband.
12. Daniel J. Bodwin as Personnel Assistant in Personnel, effective July 31, 1954, to accept a position with the City of Lansing.

Leaves

Leaves

1. Leave of absence with full pay for Leonard J. Hill, Berrien County 4-H Club Agent, from September 20, 1954, to March 19, 1955, to complete his Master of Science degree at Michigan State College. Mr. Hill has been a member of the staff since July 1, 1948.
2. Leave of absence with half pay for Joseph T. Cox, Assistant Professor (Extension) of Landscape Architecture and Urban Planning, for one year beginning September 16, 1954, to work on his Master's Degree at Iowa State College. Mr. Cox has been a member of the staff since July 1, 1948.
3. Leave of absence with full pay for W. R. Sur, Professor of Music, from January 1 to March 31, 1955, to visit colleges and high schools in this country to study trends in music education. Dr. Sur has been a member of the staff since September 1, 1943.
4. Leave of absence with full pay for Evelyn H. Scholl, Associate Professor of English, from April 1 to September 15, 1955, for study and travel in Europe, principally England. Miss Scholl has been a member of the staff since October 1, 1937.
5. Leave of absence with full pay for T. D. Stevens, Professor and Head of Forestry, from September 1 to September 30, 1954, to participate in a "Forest Genetics and Forest Extension" project in West Germany.
6. Leave of absence with full pay for Lester E. Bell, Associate Professor (Extension) of Forestry, from September 1 to September 30, 1954, to participate in a "Forest Genetics and Forest Extension" project in West Germany.
7. Leave of absence without pay for R. Vance Presthus, Associate Professor of Political Science, for one year beginning September 1, 1954, to head an administrative research organization for the United Nations in Turkey.
8. Leave of absence without pay for Guy Fox, Associate Professor of Political Science, for one year beginning September 1, 1954, to continue his research and lecturing in Japan. Dr. Fox has received an extension of his Fulbright award.
9. Leave of absence without pay for Grace Siebers, Instructor in Nursing Education, from October 1 to December 31, 1954, to study for her Master's Degree at Michigan State College.
10. Leave of absence with full pay for C.D. Hause, Professor of Physics and Astronomy, from July 16 to September 15, 1954, for health reasons. Dr. Hause is not to receive the extra pay as Acting Head of the Department during this period.
11. Leave of absence without pay for Kenneth E. Tiedke, Assistant Professor of Sociology and Anthropology, from November 1, 1954, to February 28, 1955, to work in Cuba under the auspices of the Inter-American Institute of Agricultural Sciences.
12. Leave of absence for military service through June 30, 1955, for the following employees, effective the date shown:
 - a. James Steele, Labor I Grounds Maintenance, July 2, 1954
 - b. Gene E. Kanitz, Labor I (ag) An. Husb. October 27, 1953.

NEW BUSINESS, continued

Appointments

Appointments

1. Transfer of Bohn E. Musgrave from Mecosta County Agricultural Agent to Associate Extension Supervisor and a salary increase from \$7000 to \$7300 per year, effective July 1, 1954.
 2. Transfer of Charles R. Kapnick from 4-H Club Agent at Large to Cass County 4-H Club Agent at the same salary of \$4000 per year, effective July 13, 1954, to replace Harold L. Sparks, transferred.
 3. Transfer of Boyd Clyde Wiggins from Assistant County Agricultural Agent at Large to Saginaw County Assistant Agricultural Agent at the same salary of \$5000 per year, effective August 1, 1954. This is a new position paid \$2700 from Smith-Lever and \$2300 from State Offset funds.
 4. Transfer of Bernetta G. Kahabka from Home Demonstration Agent at Large to Berrien County Home Demonstration Agent at the same salary of \$5500 per year, effective August 1, 1954. This is a new position financed by additional Smith-Lever funds.
 5. Transfer of Mary Lou Muller from Home Demonstration Agent at Large to Home Demonstration Agent in Clare and Gladwin Counties at the same salary of \$5000 per year, effective July 12, 1954, to replace Patricia K. Kuusisto, resigned.
 6. Appointment of Edna Ella Sommerfeld as Assistant Professor (Extension) and Assistant State Home Demonstration Leader at a salary of \$6400 per year on a 12-month basis, effective September 1, 1954, to replace Ruth Peck, on Okinawa. Her salary is to be paid half from Smith-Lever and half from State Offset funds. Miss Sommerfeld was 50 years of age January 30, 1954, but it is recommended that she be included in the retirement and insurance program.
- On motion of Miss Jones, seconded by Mr. Brody, it was voted to approve the appointment of Miss Sommerfeld and that she be included in the retirement and insurance program.
7. Appointment of Ruth Ella Gould as Wexford County Home Demonstration Agent at a salary of \$4500 per year on a 12-month basis, effective September 1, 1954, to replace Margaret Browne, transferred. Her salary is to be paid \$2700 from Smith-Lever and \$1800 from State Offset funds.
 8. Transfer of Ruth F. S. Hunsberger from Benzie County Home Demonstration Agent to Consumer Information Agent (Traverse City) at a salary of \$4800 per year, effective July 1, 1954. This is a new position financed Michigan Agricultural Marketing Education program funds.
 9. Appointment of Marjorie Good Gibbs as Consumer Information Agent (Detroit) at a salary of \$6000 per year on a 12-month basis, effective August 1, 1954. This is a new position financed by AMA Project funds.
 10. Appointment of Virginia Helt as Consumer Information Agent (Grand Rapids) at a salary of \$5600 per year on a 12-month basis, effective August 16, 1954. This is a new position paid from AMA Project funds.
 11. Appointment of Glynn McBride as Assistant Professor (Research) of Agricultural Economics at a salary of \$6000 per year on a 12-month basis, effective for two years beginning September 1, 1954, to replace Edwin B. Jones, resigned. His salary is to be paid from the Detroit Milk Study funds (71-2471).
 12. Appointment of Thomas Arlen Creager as Instructor (Extension) in Agricultural Economics at a salary of \$6300 per year on a 12-month basis, effective August 16, 1954, and paid from Michigan Agricultural Marketing Education program funds. This is a new position.
 13. Appointment of Laurence George Harmon as Assistant Professor (Research) of Dairy at a salary of \$7200 per year on a 12-month basis, effective August 16, 1954, and paid from Experiment Station funds. This is a new position.
 14. Appointment of Eugene W. Roelofs as Associate Professor of Fisheries and Wildlife at a salary of \$7000 per year on a 12-month basis, effective August 1, 1954, to replace Michael Ovchynnek, and paid half from College and half from Experiment Station funds.
 15. Appointment of John M. Parsey as Research Adviser with the rank of Assistant Professor in the National Project in Agricultural Communications at a salary of \$7000 per year, plus 5 per cent for retirement, on a 12-month basis, effective September 1, 1954. This is a new position.
 16. Appointment of Edwin G. Spacie as Instructor on the Board of Examiners at a salary of \$2000 per year on a 10-month basis, half-time, effective for one year only beginning September 1, 1954. This is part-time replacement of L. B. Mayhew.
 17. Appointment of Edgar L. DeForest as Assistant Professor of Communication Skills at a salary of \$6000 per year on a 10-month basis, effective September 1, 1954, to replace Byron Van Roekel, transferred.
 18. Appointment of Thomas L. Dagle as Assistant Professor of Communication Skills at a salary of \$5500 per year on a 10-month basis, effective September 1, 1954, to replace W. K. Christian, resigned.
 19. Appointment of Marilyn Mayer Culpepper as Instructor in Communication Skills at a salary of \$4500 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace William Schwab, on leave.

NEW BUSINESS, continuedAppointments, continued

Appointments

20. Appointment of W. James King, Jr. as Instructor in Natural Science at a salary of \$4400 per year on a 10-month basis, effective September 1, 1954, to fill a vacancy.
21. Reappointment of William P. Pielou as Instructor in Natural Science at a salary of \$4000 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace Edward Carr, resigned.
22. Reappointment of James T. Sgouris as Instructor in Natural Science at a salary of \$4200 per year on a 10-month basis, effective for one year only beginning September 1, 1954.
23. Appointment of Charles D. Kenney as Instructor in Social Science at a salary of \$5000 per year on a 10-month basis, effective September 1, 1954, to replace John B. Holland, deceased.
24. Appointment of Norman F. Keiser as Instructor in Social Science at a salary of \$4500 per year on a 10-month basis, effective September 1, 1954. This is a new position.
25. Appointment of Maurice C. Benewitz as Lecturer in Economics at a salary of \$4000 per year on a 10-month basis, effective for one year only beginning September 1, 1954. This is a new position.
26. Appointment of Irma A. Linse as Lecturer in Economics at a salary of \$4000 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace Leonard Rall who is in Brazil.
27. Appointment of Stephen T. Worland as Lecturer in Economics at a salary of \$4000 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace C. C. Killingsworth, on leave.
28. Appointment of Ellis T. Austin as Instructor in Economics at a salary of \$2000 per year on a 10-month basis, effective for one year only beginning September 1, 1954. This is a part-time position.
29. Reappointment of Stanley Chipper as Instructor in Economics at a salary of \$4300 per year on a 10-month basis, effective September 1, 1954, and subject to tenure rules.
30. Reappointment of Marten S. Estey as Lecturer in Economics and in Continuing Education at a salary of \$5800 per year on a 10-month basis, effective for one year only beginning September 1, 1954. His salary is to be paid \$1975 from College and \$3825 from Continuing Education funds.
31. Appointment of J. William Maxwell as Instructor in Journalism at a salary of \$4800 per year on a 10-month basis, effective September 1, 1954, to replace C. A. Blagdon, resigned.
32. Reappointment of Charles N. Murphy as Instructor in Police Administration at a salary of \$400 per term, effective for the fall and winter terms of 1954-55, to replace R. H. Scott, on leave.
33. Appointment of John H. Eliasohn as Instructor in Police Administration at a salary of \$400 per term, effective for the fall and spring terms of 1954-55, to replace R. H. Scott, on leave.
34. Appointment of Maurice E. O'Donnell as Instructor in Political Science at a salary of \$4500 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace Guy Fox, on leave.
35. Appointment of Nathan Hakman as Instructor in Political Science at a salary of \$4500 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace R. Vance Presthus, on leave. His work will be in the Governmental Research Bureau.
36. Appointment of John T. Dorsey, Jr. as Instructor in Political Science at a salary of \$4600 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace Carroll Hawkins, on leave.
37. Appointment of John Louis McKeever as Instructor in Accounting at a salary of \$2000 for the period from September 1, 1954, to June 30, 1955. This is a new position.
38. Appointment of Kern Karl Kernan as Instructor in Accounting at a salary of \$1600 for the period from September 1, 1954 to June 30, 1955. This is a new position.
39. Appointment of Marvin Hoffman as Instructor in the Bureau of Business Research at a salary of \$5400 per year on a 12-month basis, effective September 1, 1954. This is a new position.
40. Appointment of Eugene Emerson Jennings as Associate Professor of General Business and of Continuing Education at a salary of \$7400 per year on a 10-month basis, effective September 1, 1954, and paid three-fourths from College and one-fourth from Continuing Education funds. This is a new position.
41. Reappointment of Lee Roy Middleton as Instructor in General Business at a salary of \$2100 for the period from September 1, 1954 to June 30, 1955, as half-time replacement of W. J. McDowell.
42. Appointment of Robert W. Cowans as Instructor in Health, Physical Education, and Recreation at a salary of \$4200 per year on a 10-month basis, effective September 1, 1954, on a temporary basis, and paid from Athletic funds.

NEW BUSINESS, continuedAppointments, continued

Appointments

43. Appointment of Harry G. Hedges as Instructor in Electrical Engineering at a salary of \$4000 per year on a 10-month basis, effective September 1, 1954. This is a new position.
44. Appointment of Frank Sidney Roop, Jr. as Instructor in Mechanical Engineering at a salary of \$5000 per year on a 10-month basis, effective September 1, 1954. This is a new position.
45. Appointment of Gerda Mootse as Instructor (Research) in Foods and Nutrition at a salary of \$4000 per year on a 12-month basis, effective for one year only beginning September 1, 1954, to replace Lucile Decker, resigned, and paid from Experiment Station funds.
46. Appointment of Eleanor Storm as Assistant in Foods and Nutrition at a salary of \$3000 per year on a 10-month basis, part-time, effective for one year only beginning September 1, 1954, to fill a vacancy.
47. Appointment of Grace Harrison as Instructor in Home Management and Child Development at a salary of \$4000 per year on a 10-month basis, effective September 1, 1954, as a half-time replacement for Josephine Williams and a half-time new position.
48. Appointment of Mary Louise Leach as Instructor in Textiles, Clothing and Related Arts at a salary of \$3800 per year on a 10-month basis, effective September 1, 1954. This is a new position.
49. Appointment of Mrs. Helen Evans as Instructor in Textiles, Clothing, and Related Arts at a salary of \$4200 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace Elinor Roth, on leave.
50. Appointment of Robert S. Bandurski as Associate Professor of Botany and Plant Pathology at a salary of \$7000 per year on a 10-month basis, effective October 1, 1954, to replace F. L. Wynd, resigned.
51. Appointment of Edward J. Kbs as Assistant Professor (Extension, Research) of Botany and Plant Pathology at a salary of \$6200 per year on a 12-month basis, effective September 16, 1954. This is a new position paid \$3000 from Experiment Station and \$3200 from Extension funds.
52. Appointment of Alfred C. Dowdy as Assistant Professor (Extension) of Entomology at a salary of \$5200 per year, on a 12-month basis, effective September 1, 1954. This is a new position paid \$2700 from Smith-Lever and \$2500 from State Offset funds.
53. Appointment of Mrs. Christy T. Hawkins as Assistant Professor of Nursing Education at a salary of \$400 per month, effective from September 8, 1954, to January 7, 1955, to replace Miriam Stutzman, resigned.
54. Appointment of Joseph G. Engemann as Instructor in Zoology at a salary of \$1700 for the period from September 1, 1954, to June 30, 1955. This is a new position.
55. Appointment of Roger M. Busfield, Jr. as Instructor in Speech at a salary of \$5000 per year on a 10-month basis, effective September 1, 1954. This is a new position.
56. Appointment of John A. Walker as Assistant Professor of Speech at a salary of \$5300 per year on a 10-month basis, effective September 1, 1954, to replace John Jennings, resigned.
57. Appointment of Boris Musulin as Assistant Professor of Chemistry at a salary of \$4750 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace J. L. Hall, on military leave.
58. Appointment of Thomas Harvey Edwards as Assistant Professor of Physics and Astronomy at a salary of \$5200 per year on a 10-month basis, effective September 1, 1954, to replace H. C. Allen, Jr., resigned.
59. Reappointment of Howard H. Fink as Instructor in Psychology at a salary of \$1500 for the period from September 1, 1954, to June 30, 1955.
60. Appointment of Allen David Calvin as Instructor in Psychology and in Continuing Education at a salary of \$4500 per year on a 10-month basis, effective for two years beginning September 1, 1954, and paid half from College and half from Continuing Education funds.
61. Appointment of John R. Hurley, as Instructor in Psychology at a salary of \$5000 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace Susanne Poch, and paid from National Institute of Health funds.
62. Appointment of Arturo DeHoyos as Instructor (Research) in Sociology and Anthropology at a salary of \$300 per month, effective from July 27 to September 15, 1954, and paid from Carnegie Corporation funds (71-2697).
63. Appointment of Leo W. Walker as Lecturer in Anatomy at a salary of \$150 for the period from September 1, 1954 to June 30, 1955.
64. Appointment of F. Hermann Rudenberg as Instructor in Physiology and Pharmacology at a salary of \$5000 per year on a 10-month basis, effective September 1, 1954.

NEW BUSINESS, continuedAppointments, continued

65. Appointment of Robert W. Newlin as Instructor in Surgery and Medicine at a salary of \$5200 per year on a 12-month basis, effective July 27, 1954, to replace W.C. Lane, resigned.
66. Appointment of Elizabeth M. Lowe as Secretary to the Administrative Assistant in Charge of Public Relations at a salary of \$4200 per year on a 12-month basis, effective August 2, 1954, to replace Vera Morrow, resigned.
67. Appointment of Robert W. Doolittle as Assistant Centennial Director in the Centennial Office at a salary of \$4800 per year on a 12-month basis, effective from August 3, 1954, to December 31, 1955.
68. Appointment of Paula Kowalski as Assistant to the Managing Editor of the Michigan State College Press at a salary of \$4500 per year on a 12-month basis, effective September 1, 1954. Miss Kowalski resigned from this position in February 1954 and is now returning. She is to be paid from Press funds.
69. Appointment of Irving R. Merrill as Assistant Professor and Director of Research and Promotion in Television Development at a salary of \$7000 per year on a 12-month basis, effective September 1, 1954, to replace P. H. Tannenbaum, resigned.

On motion of Mr. Brody, seconded by Miss Jones, it was voted to approve the foregoing New Business.

Miscellaneous

1. Approval of granting the appropriate degrees to those students who according to the records of the Registrar complete the requirements for graduation at the end of the 1954 summer session. (List on file in the Registrar's Office).
2. Payment of \$250 per month to Frank A. Madaski, County Agricultural Agent in Houghton and Keweenaw Counties, from July 1, 1954, to June 30, 1955, from Kellogg Foundation funds. Mr. Madaski has been granted sabbatical leave for this year.
3. Change in the effective date of the appointment of Henry N. Fukui, Instructor (Research) in Agricultural Chemistry, from August 1 to August 16, 1954.
4. Change in source of salary funds for Robert C. Kramer, Associate Professor of Agricultural Economics, from three-fourths Experiment Station and one-fourth College to three-fourths Extension and one-fourth College, effective July 1, 1954.
5. Change in source of salary funds for James M. Nielson, Assistant Professor (Extension, Research) of Agricultural Economics, from three-fourths Extension and one-fourth Experiment Station to one-half Extension and one-half Experiment Station, effective July 1, 1954.
6. Change in salary of Dale Madden, Assistant Professor (Research) of Dairy, from \$5500 per year to \$1 per year, effective August 1, 1954, and paid from Experiment Station funds. Dr. Madden has accepted a position as Dairy Husbandman with the Dairy Husbandry Research Branch at Beltsville, Maryland, but is the cooperatively controlled agent under College direction.
7. Payment of \$900 to D. Newton Glick, Associate Professor of Landscape Architecture and Urban Planning, for work from August 1 to September 15, 1954, in completing a manuscript on landscape design for urban homes for the Extension service and paid from Extension Service funds.
8. Change in the effective date of the appointment of Frank N. Barrett, Lecturer in Poultry Husbandry, from October 20 to September 27, 1954.
9. Change in salary of R. M. Swenson, Associate Professor of Soil Science, from \$8000 to \$9000 per year, effective August 1, 1954. He is paid two-thirds from College and one-third from Experiment Station funds.
10. Payment of \$1500 to R. W. Lewis, Professor of Natural Science, for work during the summer on a research project for the Eli Lilly Company and paid from funds furnished by them.
11. Designation of Denzel C. Cline as Acting Head of Economics, effective for one year only beginning September 1, 1954, during Dr. Killingsworth's leave, at an additional compensation of \$100 per month during this time.
12. Payment of \$1350 to M. B. Dickerson, Associate Professor of General Business for work during the summer for the centennial Committee, and paid from Centennial funds.
13. Change in status of K. J. McCristal, Professor of Health, Physical Education, and Recreation, from a 10-month to a 12-month basis, and a salary increase from \$9700 to \$10,500 per year, effective September 1, 1954.
14. Payment of \$400 to John Jennings, Assistant Professor of Speech, for work during the summer on the Centennial Musical Drama and paid from that account.
15. Payment of \$750 to H. Owen Reed, Professor of Music, for work during the summer on the Centennial Musical Drama and paid from that account.
16. Designation of B. H. Dickinson as Acting Head of Physics and Astronomy during the period of Dr. Hause's sick leave, July 16 to September 15, 1954, at an additional salary of \$100 per month during this period.

Appointments

Degrees
granted
1954Frank Madaski
paid \$250 mo
July 1'54 to
June 30'55Ch. effec.
date appt.
Henry Fukui to
Aug. 16'54Ch. source sal.
funds R.C.
Kramer.Also James
M. NielsonCh. salary
Dale Madden
to \$1 per yr\$900 pd Newton
Glick for wk
Aug. 1-Sept.
15, 1954Ch. effec.
date appt.
Frank Barrett
to Sept. 27'54Ch. salary
R.M. Swenson
to \$9000\$1500 pd R.W.
Lewis for wk
during summerDenzel Cline
Act. Hd. Econ
1 yr - \$100 mo
Add.\$1350 pd M.B.
Dickerson for
summer '54 wkCh. status
KJMcCristal to
12 mo basis.\$400 paid to
John Jennings
summer work\$750 pd Owen
Reed - summerB.H. Dickinson
named hd. Phys
to Sept. 15,
1954.

NEW BUSINESS, continuedMiscellaneous, continued

Wm. Form to
be paid $\frac{1}{2}$
reg. pay dur-
ing leave.

T.W. Jenkins
promoted to
Asst. Prof.
July 1, 1954
Ch. salary
Lynn Heatley
to \$100 during
s.s.

Term. leave
Max Boyle

17. Recommendation that William Form, Professor of Sociology and Anthropology, be paid at half his regular pay, \$81.00 per year, during his sabbatical leave from September 1, 1954, to April 30, 1955, from Carnegie Funds (71-2697). Dr. Form will work on the Mexican Border study.
18. Promotion of Thomas W. Jenkins from Instructor to Assistant Professor of Anatomy, effective as of July 1, 1954. Dr. Jenkins received the Ph.D. degree in June 1954.
19. Change in salary of Lynn Heatley, temporary Instructor in Administrative and Educational Services, from \$250 to \$100 for the period from June 22 to July 30, 1954. His salary is paid from Continuing Education funds.
20. Termination of military leave for Max H. Boyle, Baker II in Shaw Hall, effective June 14, 1954:
21. Payments as follows to salaried employees since the last Board meeting on June 11:

Add. payments
salaried em-
ployees

Auditorium

E. P. Blankenship	\$ 4
Charles Branz	12
Helen Evans	8
James Huston	8
Juanita Snyder	20
Wayne VanRiper	25

Engineering

J. T. Anderson	951.79
J. W. Donnell	1,685.16
R. J. Fawcett	16.50
C. O. Harris	258.12
R. T. Hinkle	334.12
C. A. Miller	237.50
Clifford Sato	4.00
E. F. Vidro	249.60
R. W. Ludt	53.64
R. L. Sweet	78.00
R. L. Ditsworth	288.00
D. D. McGrady	41.76
C. H. Pesterfield	125.00

Television

Keith Coakes	40.26
Millard Elsner	10.20
Lee Frischknecht	50.80
L. J. Mills	36.40
Robert Pincumbe	73.20
J. R. Wilson	42.66
Donald Dombrausky	76.60
Lester Fishhaut	42.12
W. T. Johnson	33.30
Carleton Musson	8.76
Carl Williams	13.14

Continuing Education

L. H. Brown	314.00
W. D. Baker	30.00
T. J. Brevik	277.00
M. S. Estey	82.50
J. M. Hunter	42.00
W. F. Johnson	91.40
E. M. Knowles	306.00
C. H. Kraft	278.00
Elmer Leininger	310.00
Gilbert Mouser	499.20
Willa Norris	45.70
Max F. Rogers	68.85
Harry Scales	45.70
D. J. Sorrells	228.50
Leland Traywick	86.40
Byron VanRoekel	229.30
Gretchen VanRoy	120.00
Margaret Yuill	473.40
J. R. Burnett	495.00
Paul DeKoning	10.00
Frank DuMas	85.50
F. C. Flory	577.50
R. A. Jackson	273.00
O. G. McMurray	495.00
I. E. Morse	412.50
Cecil Nickle	7.50
R. L. Paul	495.00
Opal Young	63.60
Gordon Aldridge	330.00
Richard Behan	23.00

Continuing Education

Frederic Bennets	\$135
A. R. DeLong	247.50
J. D. Edwards	247.50
Ruby M. Junge	247.50
Ruel Kahler	120.00
Charles Lawrence	247.50
W. J. McDowell	337.50
D. E. McFarland	247.50
W. C. Meyers	412.50
Eli Schwartz	330.00
Robert Scigliano	90.00
F. A. Shull	247.50
R. H. Spindler	330.00
Donald Taylor	127.50
L. K. Zerby	247.50
James Apple	106.60
W. G. Butt	43.14
C. H. Clark	120.00
John Fohr	15.00
Ralph Guild	310.00
Margaret Hearn	30.00
J. C. Speck	310.00
D. W. Sturt	400.20
H. W. Sundwall	245.00
E. G. Swayze	120.00
Maxine Nordberg	45.00
Ralph Renwick	41.25
Bernard Ross	15.00
Joseph Thompson	330.00
Charles Irvin	122.50
Russell Jenkins	22.50
David Luck	22.50
W. L. Mallmann	51.70
David Ralph	67.50
Donald Rieder	321.50
Robert Starring	41.25
C. E. Wildon	185.60

Miscellaneous

G. H. Axinn	226.00
Charles Branz	16.00
Lorraine Demorest	6.00
Louis Cormier	8.50
John Emery	10.50
Floyd Fladseth	6.00
Betty J. Herrick	48.00
D. L. Kingston	10.00
Donna Macauley	19.00
F. B. Martin	187.50
Myron Miller	36.00
N. N. Nakfoor	12.50
Margaret Nutting	96.00
Eileen Probst	22.50
Kenneth Richards	280.00
Wayne Van Riper	49.00
E. F. Vidro	36.00
R. L. Ditsworth	116.00
C. H. Pesterfield	20.00
J. L. Bagg	24.00
Thelma Geil	16.25
H. G. Hendrickson	60.00
Molly Kaiser	20.00
Faye Lewis	70.00
Max Smith	200.00
Albert Amiss	3.50
John Blakeslee	36.00

Miscellaneous

Leon Burhans	6.00
Carl Dollhopf	23.00
Harold Darcy	8.50
Helen Evans	12.00
Ikbai Hannawi	12.94
K. E. Johnson	20.00
Robert Kuhn	52.00
Mary C. Manning	24.75
Giovanna Mlcoh	15.20
Patricia Mulder	7.50
Hazel Niesel	5.00
Elmer Peterson	6.00
John Ramsey	8.50
Laurence Searl	12.00
Clella Weissinger	24.00
W. E. Houk	37.50
H. H. Musselman	71.25
Harriet Ansley	200.00
Helen Evans	16.00
Helen Greene	25.00
James Huston	8.00
Frances Keith	74.40
J. H. Reinoehl	30.00
H. E. Schlichting	30.00
Juanita Snyder	34.00
Lindsey Decker	50.00
John Haney	29.60
Shirley Hill	10.00
Wilbert Hutton	15.00
Marjorie Tiessen	14.00
K. F. Thompson	79.50
Lawrence Frymire	25.00
Howard Hass	36.00
Philip Hoffman	125.00
Marian Larson	6.00
C. R. Upham	356.00

NEW BUSINESS, continuedMiscellaneous, continued

22. Report of the death of Jesse Howard Muncie, Professor (Research) of Botany and Plant Pathology, on July 4, 1954. Dr. Muncie was born July 3, 1890, and had been a member of the staff since September 1, 1929.
23. Report of the death of Joseph C. Caine, employee in Buildings and Utilities, on June 12, 1954. Mr. Caine was born on December 3, 1889, and had been an employee of the College since December 1, 1924.
24. Report of the death of Dwight T. Ewing, Professor Emeritus of Chemistry, on August 5, 1954. Dr. Ewing was born June 13, 1888 and had been a member of the staff since January 1, 1914, and has been retired since July 1, 1953.

On motion of Mr. Brody, seconded by Miss Jones, it was voted to authorize resolutions on the deaths of Dr. Muncie and Dr. Ewing to be spread upon the permanent records and copy sent to the families.

25. Recommendation that the salary of Joseph C. Caine be paid to his widow for a period of one year from date of death, June 12, 1954, in accordance with the regular policy.

26. Grants as follows to be used for scholarship purposes:

- \$500 from the Detroit Lumbermen's Association of Detroit to be used to establish an annual scholarship to encourage students to enroll in the Lumber and Building Materials Merchandising Course. The award is to be based on scholastic proficiency, aptitude for the lumber and building industry, and need of financial assistants.
- \$500 from the Detroit Hoo Hoo Club, Inc. of Detroit to establish an annual scholarship to encourage students to enroll in the Lumber and Building Materials Merchandising Course with the same provisions as in "a" above.
- \$1995 from Contributors to be used to establish a scholarship for the journalism student in honor of A. A. Applegate, to be known as the A. A. Applegate Scholarship.
- \$800 from the Square D. Company of Detroit to be used to continue the established engineering scholarship for students entering their junior year.
- \$250 from The Presser Foundation of Philadelphia to be used to continue the Presser Foundation Scholarship for students who expect to become teachers of music.

27. Renewal of a memorandum of agreement with The National Vitamin Foundation, Inc., of New York City covering a grant of \$3000 to be used under the direction of R.W. Luecke in Agricultural Chemistry to continue the study of the B vitamin requirements of the baby pig.

28. Renewal of a memorandum of agreement with the Michigan Association of Silo Manufacturers of Oxford, Michigan, covering a grant of \$170 to be used under the direction of A.W. Farrall in Agricultural Engineering to continue research on self-feeding silos.

29. Renewal of a memorandum of agreement with the Michigan REA Safety & Job Training Commission of Ubyly covering a grant of not to exceed \$5700 to be used under the direction of A. W. Farrall in Agricultural Engineering to carry on in-service safety and job training programs throughout the state.

30. Approval of a memorandum of agreement with Pioneer Corn Company, Inc., of Tipton, Indiana, covering a grant of \$500 to be used under the direction of E.C. Rossman in Farm Crops to conduct special maturity studies of corn hybrids.

31. 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 for research on sugar beet breeding.

32. Grant of \$320 from the Wesix Foundation of San Francisco to be used under the direction of E. H. Lucas in Horticulture to conclude work on the effect of air ionization on plants. This grant will finance a special graduate research assistant for a period of two months.

33. Approval of memoranda of agreement covering grants as follows to be used under the direction of R. L. Cook, R. M. Swenson, Kirk Lawton, and W. A. McCall in Soil Science:

- \$1500 from the Climax Molybdenum Company of New York City to be used for field experiments on the application of molybdenum at two or more rates, superimposed on plots where limestone and carbide lime will be applied at two rates each, and where there is no lime applied. The crops to be grown will include alfalfa, certain vegetables, and other crops. The agreement provides for a special graduate research assistant.
- \$2000 from Linde Air Products Company of the Union Carbide and Carbon Corporation of New York City to be used for the application of Carbide lime, hydrated calcium lime, calcium carbonate meal, and pulverized calcium carbonate at two or more rates, along with control tests in which no liming agent is used on alfalfa, potatoes, and other crops. The agreement provides for a special graduate research assistant.

34. Grant of \$200 from the Michigan Consumer Finance Association of Lansing to be used under the direction of Dean Wyngarden in Business and Public Service to finance scholarships for participants in the Workshop on Economic Education.

35. Grant of \$4,027.78 from the Cooperative Program in Educational Administration, Midwest Administration Center of the University of Chicago, to be used under the direction of Earl McIntyre in Journalism to continue the research study of educational communications between administrators of secondary education and editors of the local press. This is the balance of the amount due for the calendar year 1954.

Death of
J.H. Muncie
July 4, 1954

Death of
J.C. Caine
June 12, 1954

Death of
Dwight T.
Ewing Aug.
5, 1954

Year's salary
to be paid
widow of
Jos. Caine

Several grants
accepted for
scholarships

Memo agree.
Nat. Vitamin
Found. and
grant of
\$3000

Grant of
\$170 Mich.
Assoc. Silo
Mfrs.-Ag. Engr

\$5700 from
Mich REA
Safety & Job

\$500 from
Pioneer Corn
Co.-Crops

\$3000 from
Farmers and
Mfrs.

\$320 from
Wesix Found.

Memo agree.
and grants
from
Climax Moly-
bdenum Co. &
Linde Air
Products

\$200 from
Michigan Con-
sumer Finance
Assoc.

\$4,027.78 from
Coop. Prog.
Educ. Adm.
Midwest Adm.
Center.

NEW BUSINESS, continuedMiscellaneous, continued

\$650 from
Greater Lan-
sing Com. Ch.

\$275 from
Mich. Retail
Hdwe Assoc.

\$50 from
Trans. Club
Gen. Business

\$150 from
Geo. Podd
Horwath &
Horwath

\$10,000
Mich. Heart
Assoc.

\$1000 from
A.M. Todd Co.
Botany and Pl.
Path.

Grant \$5000
from Office of
Naval Research

\$5000 from
Mich. Arti.
Breeders

Several
classified
positions
approved
financed from
Extension
funds.

Sec-Dept. I
pos. in Ag.
Chem. reclassi-
to Sec-Dept II

Lab Tech Pos
estab. Hort.

2 Cl-St I in
Chem Engr.

Asst. Ed. IIA
pos. app. MSC
press.

Approval of
several classi-
fied pos.
Harrison Rd.
Dorms.

Estab. classi-
fied pos.
Mimeo Dept.

Approval of
several
changes in
Personnel
Office.

36. Grant of \$650 from The Greater Lansing Community Chest to be used under the direction of E. B. Harper in Social Work to continue the fellowship that was established in 1940.

37. Approval of a memorandum of agreement with the Michigan Retail Hardware Association of Lansing covering a grant of \$275 to be used under the direction of D. J. Luck in the Bureau of Business Research to determine the employment and the salary scale and other benefits paid salesclerks of retail hardware stores in Michigan.

38. Grant of \$50 from the Transportation Club of Muskegon to be used under the direction of F. H. Mossman in General Business for the development of the transportation curriculum.

39. Grant of \$150 from George Podd of Horwath & Horwath Accountants of Chicago to be used under the direction of the Scholarship Committee and added to the principal of the Horwath and Horwath Scholarship Fund.

40. Grant of \$10,100 from the Michigan Heart Association of Detroit to be used under the direction of Dean Dye and Dr. Gross in Home Management and Child Development to continue the program to aid housewives with cardiac disease.

41. Renewal of a memorandum of agreement with A. M. Todd Company of Kalamazoo covering a grant of \$1000 to be used under the direction of Ray Nelson in Botany and Plant Pathology to test disease resistance of peppermint and spearmint seedlings. Consideration of the effect of soil factors on resistance lies within the scope of the investigation.

42. Renewal of a memorandum of agreement with the Office of Naval Research of Washington, D. C., covering a grant of \$5000 to be used under the direction of G. B. Wilson in Botany and Plant Pathology to study the antimitotic activity of a number of chemicals, especially those extensively used in pest control. The agreement provides for a special graduate research assistant.

43. Renewal of a memorandum of agreement with the Michigan Artificial Breeders Cooperative of East Lansing covering a grant of \$5000 to be used under the direction of Frank Thorp in Animal Pathology in a study of the cause and possible cures of sterility in dairy cattle.

44. Recommendation that the following classified positions be established and financed from Extension funds:

- a. Two half-time Clerical Assistants, one in Gratiot and one in Genesee County, at an annual rate of \$1200 and paid from Agricultural Marketing funds (account 71-7400).
- b. Clerk-Stenographer I in Agricultural Economics, paid from Michigan Agricultural Marketing Education Program funds.
- c. Clerk-Stenographer I (half-time) in Animal Husbandry, paid from Michigan Agricultural Marketing Education Program funds.
- d. Clerk-Stenographer I in County Agricultural Agents, paid from State not-Offset funds.
- e. Clerk-Stenographer I in Home Demonstration Agents, paid from State non-Offset funds.
- f. Clerk-Stenographer I (half-time) in Horticulture, paid from Michigan Agricultural Marketing Education Program funds.
- g. Clerk-Stenographer I in Agricultural Economics, paid from AMA funds, Project 95.
- h. Three Clerk-Stenographer II positions in Home Economics Extension, paid from AMA funds, Project 96.

45. Reclassification of a Secretary-Departmental I to a Secretary-Departmental II position in Agricultural Chemistry, effective August 1, 1954.

46. Establishment of a Laboratory Technician A Position in Horticulture with a salary range of \$2760 to \$3180 per year, effective August 1, 1954, and paid from Experiment Station funds.

47. Establishment of two Clerk-Stenographer I positions in Chemical Engineering, effective August 1, 1954, and paid from Detroit Arsenal funds.

48. Establishment of an Assistant Editor IIA position for the Michigan State College Press with a salary range of \$3360 to \$3900 per year, effective July 1, 1954.

49. Establishment of the following classified positions for the Harrison Road Dormitories:

- a. One Food Supervisor III
- b. One Clerk II
- c. One Clerk Typist

50. Establishment of the following classified positions in the Mimeograph Department:

- a. Multilith-Multigraph Operator with a salary range of \$3180 to \$3600 per year, effective July 1, 1954.
- b. Clerk-Typist position, effective July 1, 1954.

51. Recommendation for the following changes in positions in the Personnel Office, effective August 1, 1954:

- a. Transfer of Gerald F. O'Connor from Board Appointment as Personnel Assistant at a salary of \$4350 to the classified list as Personnel Technician IVA with a salary range of \$4680 to \$5460 per year. It is also recommended that his salary be increased to \$4730 at this time.
- b. Transfer of the position formerly held by Mr. O'Connor from Board Appointment to the classified list as Personnel Interviewer IV with a salary range of \$4260 to \$5040 per year.

NEW BUSINESS, continuedMiscellaneous, continued

52. Recommendations as follows for positions in Tabulating:

- a. 7 Key Punch Operator positions.
- b. 1 IBM Operator I position
- c. 1 IBM Operator II positions
- d. Reclassify 2 Clerk-Typist positions to Key Punch Operator positions.
- e. Reclassify 1 Clerk II position to Key Punch Supervisor I position

These positions are all financed from research funds.

Approval of
several
positions
in Tabulating

Approval new
positions in
Athletics

53. Recommendations as follows for positions in Athletics:

- a. Reclassify a Secretary-Departmental II position to Secretary Executive position.
- b. Establishment of a Secretary-Departmental II position.

Approval
positions in
Registrar's
Office.

54. Recommendations as follows for positions in the Registrar's Office, effective August 1, 1954:

- a. Establishment of a Clerk-Typist position.
- b. Reclassify a Recorder I position to a Clerk II position
- c. Reclassify a Clerk-Typist position to a Clerk II position.

Approval s.s.
salary paye
roll.

55. Approval of a Summer School salary payroll for the 6-week session and the first six weeks of the 9-week session in the amount of \$229,152.23.

56. Recommendation that the following work be done and charged to Alterations and Improvements 1954-55:

a. Install acoustic tile ceiling Room 9, Building A3	\$475 -
b. Improve lighting in corridor Building A7	400
c. Awning for Music Building library window	300
d. Acoustic tile ceiling, Rooms 114, 114A, 115, Morrill Hall	500
e. Plastic wainscoting, Continuing Education, Kellogg Center	2,300
f. Alterations Room 20, Morrill Hall, Education	2,750
g. Cut door between Rooms 117 and 121 Auditorium	200
h. Improve lighting Room 204 Morrill Hall	175
i. Add names of veterans to narthex Memorial Chapel	200
j. Pointing brick and stone work, and caulking of Agricultural Hall	4,000
k. Additional office space for Social Science	1,750
l. Changes in basement rooms of the Administration Building for Tabul.	1,700

Approval of
several jobs
to be done on
Alterations
and Improve-
ments 1954-55

Erection of
canopy over
entrance to
stadium box
& ticket
windows.

Alts to rm
215 Jenison-
Gym-\$15,775

57. Erection of a canopy over the entrance to the stadium box and ticket windows at an estimated cost of \$2,300 to be charged to the Radio Press Box fund.

58. Alterations in Room 215 of Jenison Gymnasium to provide seven offices and a classroom at an estimated cost of \$15,775 and charged to Athletic funds.

59. Appropriation of \$2350 for the following uses of the Auditorium and Fairchild Theater during the fall term 1954:

Orientation Week	
Main Auditorium, September 19-24, @ \$100	\$600
Fairchild Theater, September 20-24 @ \$50	250
Main Auditorium, Dance, September 25	350

MEA Convention	
Main Auditorium, October 14 and 15 @ \$100	200
Fairchild Theater, October 14 and 15 @ \$50	100
Appropriation for necessary setup	200

Michigan Milk Producers	
Fairchild Theater, November 4	50

Annual Meeting of Michigan Farm Bureau	
Main Auditorium, November 10, 11, 12 @ \$100	300
Fairchild Theater, November 10, 11, 12 @ \$50	150
Appropriation for necessary setup	250

Christmas Concert	
Main Auditorium, December 5	100

Appropriation
of \$2350 for
uses of
Auditorium &
F.T. during
fall term
'54

Report that
last group of
trailer sold
to highest
bidders.

60. Report that the last group of trailers in the trailer housing area has been sold, each one to the highest bidder. There are a few service buildings that are still being used but will be removed later. Following is a tabulation of the prices recieved:

Trailers	\$8,349.23	
Post Office Building	300.00	
Recreation Building	510.00	
Maintenance Shop Building	25.00	
Carpenter Shop Building	25.00	
Utility Buildings (5)	1,990.00	
Total		\$11,199.23

NEW BUSINESS, continuedMiscellaneous, continued

Lease to be
extended for
5 yrs. on
Flowers Farm

61. Recommendation that the lease be extended for two additional years on the Flower's Farm located near the Kellogg Station, and that the rate be increased from \$1500 to \$2280 per year.

Hall Electric
given con-
tract for
bringing pri-
mary elec.
service to
new library.

On motion of Miss Jones, seconded by Mr. Rouse, it was voted to approve the foregoing Miscellaneous Items.

62. Bids for bringing primary electric service to the new library were as follows:

Hatzel Buehler	\$43,000.00
Barker Fowler	43,963.00
Hall Electric	41,097.00

It is recommended that the low bid of Hall Electric at \$41,097 be accepted.

On motion of Mr. Mueller, seconded by Miss Jones, it was voted to approve the above item.

ADDITIONAL ITEMSResignations and Terminations

1. Arthur E. Staebler as Director of the W. K. Kellogg Bird Sanctuary and Assistant Professor of Land and Water Conservation, effective May 31, 1955. It is also recommended that Dr. Staebler be granted a leave of absence with full pay from September 1, 1954, to May 31, 1955.

On motion of Mr. Brody, seconded by Miss Jones, it was voted to approve the above recommendation.

Leaves

1. Leave of absence with half pay for Edmond W. Alchin, Oakland County Agricultural Agent, for one year beginning September 1, 1954, to complete his Master of Science degree at Michigan State College. He has been a member of the staff since September 1, 1946.
2. Leave of absence with full pay for James M. Apple, Professor of Mechanical Engineering, from April 1 to September 30, 1955, to visit manufacturing plants to study plant layout practice and to gather material for a text book. Mr. Apple has been a member of the staff since January 15, 1947.

Appointments

1. Appointment of Clyde Roy Cunningham as District Marketing Agent (Lapeer, St. Clair, Genesee, and Macomb Counties) at a salary of \$7500 per year on a 12-month basis, effective August 16, 1954. This is a new position paid from Michigan Agricultural Marketing Education Program funds.
2. Appointment of Nancy Lee Garber as Consumer Information Agent (Saginaw) at a salary of \$5200 per year on a 12-month basis, effective August 16, 1954. This is a new position paid from AMA Project 96.
3. Transfer of Floyd W. Hicks from Gogebic County Agricultural Agent to District Horticulture and Poultry Agent at the same salary of \$5600 per year, effective September 16, 1954.
4. Transfer of John K. Bray from Oakland County 4-H Club Agent to Oakland County Assistant Agricultural Agent at the same salary of \$5000 per year, effective August 1, 1954.
5. Transfer of Archibald R. Johnson from Assistant County Agricultural Agent at Large to Genesee County Assistant Agricultural Agent at the same salary of \$5800 per year, effective August 1, 1954.
6. Reappointment subject to tenure rules of Harold M. Riley as Assistant Professor of Agricultural Economics at a salary of \$6800 per year on a 12-month basis, effective July 1, 1954, and paid one-fourth from College and three-fourths from Experiment Station funds.
7. Appointment of Leonard Ray Kyle as Assistant Professor (Extension) of Agricultural Economics at a salary of \$7200 per year on a 12-month basis, effective September 1, 1954, and paid half from Smith-Lever and half from State Offset funds. This is a new position.
8. Appointment of Kendall A. Adams as Instructor in Agricultural Economics at a salary of \$6000 per year on a 12-month basis, effective September 1, 1954. This is a new position paid from Michigan Agricultural Marketing Education Program funds.
9. Appointment of Albert M. Pearson as Associate Professor of Animal Husbandry at a salary of \$7500 per year on a 12-month basis, effective September 1, 1954. This is a new position paid from Experiment Station funds.
10. Appointment of Jacob A. Tuuk as Marketing Adviser in Horticulture at a salary of \$7500 per year on a 12-month basis, effective from August 16, 1954, to July 31, 1955. This is a new position paid from Michigan Agricultural Marketing Education Program funds.
11. Appointment of Herbert Lee Williams as Assistant Professor of Journalism at a salary of \$6300 per year on a 10-month basis, effective January 1, 1955, to replace J. A. DelPorto, resigned.
12. Appointment of Hendrik Zwarensteijn as Assistant Professor of General Business at a salary of \$6000 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace O. S. Johnson who has been assigned to the project in Brazil.

Resignations

Leaves

Appointments

ADDITIONAL ITEMS, continuedAppointments, continued

Appointments

13. Appointment of Joseph C. Osborn as Assistant Professor of Applied Mechanics at a salary of \$5000 per year on a 10-month basis, effective for one year only beginning September 1, 1954. This is a new position.
14. Appointment of Mrs. Mary Chelf Jones as Instructor in Music at a salary of \$4100 per year on a 10-month basis, effective for one year only beginning September 1, 1954, to replace Ethel Armeling, on leave.
15. Reappointment of John Lucian Bagg as Instructor (Research) in Mathematics effective from July 1, 1954, to August 31, 1955, and paid as follows from the Office of Naval Research grant:

July 1-31, 1954	\$133.33
August 1-31, 1954	400.00
October 1, 1954 to June 30, 1955	300.00 per month
July 1 to August 31, 1955	400.00 per month
16. Appointment of Paul O. Fromm as Instructor in Physiology and Pharmacology at a salary of \$6000 per year on a 12-month basis, effective September 1, 1954. This is a new position paid half from College and half from Experiment Station funds.
17. Appointment of J. Russell Grieg as Distinguished Visiting Lecturer in the School of Science and Arts at a salary of \$4000 for the period from April 4 to June 10, 1955.
18. Appointment of Harold E. Sponberg as Professor of Continuing Education at a salary of \$9500 per year on a 12-month basis, effective November 1, 1954, to replace H. J. Dillon, transferred.
19. Appointment of Lowell R. Eklund as Assistant Professor of Continuing Education at a salary of \$8000 per year on a 12-month basis, effective August 1, 1954. This is a new position.
20. Appointment of Louis Andrew Doyle as Assistant Professor of Continuing Education at a salary of \$7500 per year on a 12-month basis, effective August 1, 1954. This is a new position.
21. Appointment of Rosemary Margaret Blackburn as Information Specialist, Home Economics, in Information Services at a salary of \$4500 per year on a 12-month basis, effective September 1, 1954, to replace N. Gail Hill, resigned. Her salary is paid from Extension funds (\$3000 from Smith-Lever and \$1500 State Offset).
22. Appointment of Thomas H. Osgood, Dean of Graduate Studies, as Professor and Head of the Department of Physics and Astronomy, effective September 15, 1954. Dr. Osgood will assume these new duties in addition to his position as Dean of Graduate Studies.

On motion of Mr. Brody, seconded by Miss Jones, it was voted to approve the above appointment of Dr. Osgood as Head of Physics.

Miscellaneous

1. Report to the Board that President John A. Hannah resigned as Assistant Secretary of Defense, effective July 31, 1954, and returned full time to the presidency of Michigan State College, effective August 1, 1954.
2. Reinstatement of John H. Worthington as 4-H Club Agent at Large at a salary of \$4500 per year on a 12-month basis, effective August 1, 1954. Mr. Worthington has been on military leave since June 7, 1952.
3. Correction in the salary of B. H. Grigsby, Professor of Botany, from \$8750 to \$8500, paid \$6375 from Experiment Station and \$2125 from College funds, effective July 1, 1954.
4. Transfer of Harold J. Dillon from Teacher Education and Continuing Education to Professor of Teacher Education at the same salary of \$8850 per year, effective September 16, 1954. This is a replacement for Kenneth Nelson.
5. Correction in the salary of Oneta Abbott, Assistant in the Registrar's Office, from \$4300 to \$4420 per year, effective July 1, 1954.
6. Recommended increase in salaries for the following staff members who are assigned to the project in Colombia, effective August 1, 1954:

Leonard Braamse	\$8130 to \$8400
Lewis Swanson	7310 to \$7610
V.A. Freeman	8787 to \$9000
H. C. Fisch	7310 to \$7660
J. D. Johnson	7310 to \$7610

7. Approval of the Summer School payroll as recommended by Dean Crowe for the last three weeks of the 9-week session and the August Workshops in the total amount of \$54,180.18.
8. Gift of a condensing unit valued at \$300 from the Tecumseh Products Company of Tecumseh, Michigan, to be used in Agricultural Engineering.

Return of
Pres. Hannah
full time to
presidency

Reinstatement
J.H. Worthing-
ton 4-H Club
Agt. -Aug. 1 '54

Correc. sal
B.H. Grigsby
to \$8500

H.J. Dillon
trans. to
Teacher Educ.

Corr. salary
O.J. Abbott
to \$4420

Salary in-
creases for
staff members
assigned to
project in
Colombia.

Approval of
s.s. payroll

Condensing
unit accepted
for Ag. Engr.

ADDITIONAL ITEMS, continued

Miscellaneous, continued

- Acceptance of gifts for Kellogg Center
- \$600 from Home Dem. Council
- \$120 from Soil Cons. Districts
- \$350 from Compost Ingrs. for Civil Engr
- \$100 from Carbide and Carbon Chem. Co.
- \$161.40 from Dr. Ohlson in foods
- Grant of \$30,000 from Dairy & Ice Cr. Div.-Borden Co
- Grant of \$2,480 from Mich. Chem. Co.
- Grant of \$1500 from Mich. Art Breeders
- Estab. dual position in Cont. Educ. & Pol. Adm- \$6000
- Fee for Educ. 507a & Educ. 429 to be \$40
- \$1500 approp. for furn. for Dir. Athl. Dir.
- Compt. to negotiate with A.A. Trust Co re: financing more Married Housing units
- Compt. to negotiate with A.A. Trust Co. re: completing dormitory group.
- Several pieces of work approved to be charged to Alterations & Improvements
9. Gift of a 1750 Model valued at \$376 from the Chrysler Air-Temp Sales Corporation of Detroit to be used in the Kellogg Center to test room air conditioner.
 10. Gift of a model from the Frigidaire Sales Corporation of Detroit to be used at the Kellogg Center to test guest room air conditioning. This is valued at \$300.
 11. Grant of \$600 from the Michigan Home Demonstration Council to be used to continue the Home Demonstration Council scholarships for the 1954-55 year.
 12. Renewal of a memorandum of agreement with the Soil Conservation Districts of the Upper Peninsula covering a grant of \$120 to be used under the direction of Russell Horwood to demonstrate the hazards of poor management and the virtues of good management practices on the rolling lands of the area.
 13. Grant of \$350 from Compost Engineers, Inc., of Lansing to be used under the direction of R. F. McCauley in Civil and Sanitary Engineering to begin studies of windrow composting.
 14. Grant of \$100 from Carbide and Carbon Chemical Company to be used in the Department of Botany and Plant Pathology for testing fungicides for control of tomato blights and anthracnose.
 15. Check for \$161.40 from Margaret A. Ohlson, Head of the Department of Foods and Nutrition, to be used for the purchase of equipment for the Foods and Nutrition Department.
 16. Approval of a memorandum of agreement with the Dairy and Ice Cream Division of the Borden Company covering a grant of \$30,000 to be used under the direction of Margaret A. Ohlson and G. G. Quackenbush in Foods and Nutrition and Agricultural Economics in a study of the nutritive value of food purchased by a sample of Lansing families during a one-year period.
 17. Renewal of a memorandum of agreement with the Michigan Chemical Corporation of Saint Louis, Michigan, covering a grant of \$2,480 to be used under the direction of R. D. Schuetz in Chemistry in a study of halogenation of organic compounds by the use of organic halogen carriers. The agreement provides for a special graduate research assistant.
 18. Renewal of a memorandum of agreement with the Michigan Artificial Breeders Cooperative of East Lansing covering a grant of \$1500 to be used under the direction of Frank Thorp and Earl Weaver in Animal Pathology and Dairy in studies in dairy cattle breeding. The agreement provides for a special graduate research assistant.
 19. Establishment of a new dual position in Continuing Education and Police Administration at a salary of \$7000 per year, paid \$6000 from Continuing Education and \$1000 from College funds.
 20. Recommendation from Dean Harden that the fee for Education 507a and for Education 429 be increased from \$36 to \$40.
 21. Request for an appropriation from Athletic funds of \$1500 for the purchase of furniture for the Office of the Director of Athletics.
- On motion of Mr. Brody, seconded by Mr. Rouse, it was voted to approve the Leaves, Appointments and Miscellaneous Items.
22. Discussion of the need for additional married housing and additional dormitory housing.
- On motion of Mr. Mueller, seconded by Mr. Brody, it was voted to authorize the President, Secretary and Comptroller to negotiate with Mr. Cress of the Ann Arbor Trust Company looking toward the arrangement for capital to finance additional Married Housing units. It is hoped that it will be possible to present to the Board at its next meeting a firm financing program to cover 100 family units, 200 family units or 300 family units.
- On motion of Mr. Brody, seconded by Miss Jones, it was voted to authorize the President, Secretary and Comptroller to begin negotiations with Mr. Cress of the Ann Arbor Trust Company for the purpose of determining the feasibility of undertaking at an early date the construction of the three dormitory units to complete the total project as originally planned south of the buildings now nearing completion. It is understood that in the financing of these dormitory units, only the income from these buildings is to be pledged for their amortization.
23. Recommendation that the following work be done and charged to Alterations and Improvements 1954-55:
 - a. Office space for the visiting nurse in the Personnel Building at an estimated cost of \$450.
 - b. Improve the lighting in Placement Office to provide cloak room - cost \$1400
 - c. Installation of 70 tablet arm chairs in Room 273, Giltner Hall, at an estimated cost-\$105.
 24. Report on bids for the new well and recommendations of contracts with low bidders, as follows:

Ohio Drilling	\$7620	Layne-Northern	\$4,892
Dunbar Drilling	5400	Henry Ness	3,574
Kleinfelt	5120		

ADDITIONAL ITEMS, continued

Miscellaneous, continued

24. Bids for new well, continued:

The bids for piping the water from the well to an existing main are as follows:

R. L. Spitzley Heating Co.	\$30,224	United Piping and Erecting Company	\$24,250
C. L. Mahoney Company	26,478	F. A. McDonagh	23,000)
Distel Heating Company	25,300		24,300)
		Hickey, Shaw & Winkler Company	18,745

The bids for deep well turbine pump (500 g.p.m.) are as follows:

Lansing Supply Co.	\$5,442.50
Harold Worden	5,409.00
William A. Dalee	5,145.00
Piegler Water Well Drilling, Inc.	4,904.00
Poe Company	4,661.00
Layne-Northern Company	4,615.40

It is recommended that the Board accept the low bid of Henry Ness at \$3,574 for the drilling of the well; the low bid of Hickey, Shaw & Winkler for the piping, using cement asbestos pipe, at \$18,745; and the low bid of Layne-Northern Company for the deep well turbine pump at \$4,615.40. The total cost of the well is estimated to be \$33,340, and is to be charged to Wells and Water Mains account as provided in the budget.

25. Request from the Angell Construction Company for permission to remove gravel and sand from the Red Cedar River, and in so doing cross Michigan State College property at a point near the bridge on Kalamazoo Street.

On motion of Mr. Brody, seconded by Mr. Rouse, it was voted to approve the above request and to instruct the Secretary to have the College Attorney prepare a contract with the Angell Construction Company with an adequate bond protecting the College, charging ten cents a yard for the material removed and assuring that the work will be done in a manner satisfactory to the College.

26. Report to the Board of the leasing of Office 317A of 400 square feet of floor space in the state-owned Boulevard Building in Detroit at a rental of \$100 per month to house the Marketing and Consumer Information Agents in the Agricultural Extension Service and paid with Extension funds.

On motion of Mr. Mueller, seconded by Miss Jones, it was voted to approve the Additional Miscellaneous Items.

27. In connection with the handling of classified Department of Defense contracts, the Fifth Army Security Office has requested that members of the State Board of Agriculture not having clearances submit Personnel Security Questionnaires and Fingerprint Cards for processing. In the event certain members of the Board would not have access to classified information, a resolution adopted at a Board meeting designating them by name and excluding them from classified information may be submitted in lieu of the clearance forms. The following suggested resolution is presented for consideration:

"In order to comply with the Department of Defense security regulations, it is hereby resolved that the following Board members will not have access to classified contract material without having prior security clearance: Forest H. Akers, Winfred G. Armstrong, Clark L. Brody, Sarah Van Hoosen Jones, Frederick H. Mueller, Arthur K. Rouse, and Clair L. Taylor.

"It is further resolved that President John A. Hannah, Secretary Karl H. McDonel, and Comptroller and Treasurer Philip J. May are authorized to act for the Board in the administration of any classified contracts."

On motion of Mr. Mueller, seconded by Mr. Rouse, it was voted to approve item 27.

28. Recommendation from Mr. May and Mr. Cress that 20 shares of Northern Illinois Gas Company Common stock held in the Pension and Retirement Fund and 2 20/25 shares of Northern Illinois Gas Company Common stock held in the Consolidated Investment Fund be sold at market value. It is recommended that the Board approve the proper resolution authorizing the sale of these securities at market value and authorizing Mr. May to execute any and all necessary transfers to effectuate and carry out the sale of these securities.

On motion of Mr. Brody, seconded by Miss Jones, it was voted to approve the above resolution relative to the sale of stock.

29. Consideration of new Regulations for Registration, Operation, Possession, and Use of Motor Vehicles by Michigan State College Students as recommended by Dean King and Professor Brandstatter and a faculty committee.

On motion of Mr. Brody, seconded by Miss Jones, it was voted to approve the above-mentioned regulations regarding the use of motor vehicles by Michigan State College students, to be effective fall term 1954. (See Regulations on file with these Minutes.)

Report on bids for piping water from well to existing main

Contracts let to

Hickey, Shaw, Winkler;

Henry Ness

and

Layne-Northern

Angell Const. Co. permitted to remove gravel and sand from Red Cedar River - attorney to prepare contract.

400 sq. ft. floor space in Detroit to be leased to house Consumer Inf. Agents.

President, Secretary & Compt. to act for Board in connection with classified contracts.

Mr. May authorized to sell 20 shares Northern Ill Gas. Co. Common stock

Approval new regulations re: use of Motor Vehicles on campus.

ADDITIONAL ITEMS, continued

Miscellaneous, continued

Letter of appreciation from Mr. Ralph Young re: naming track field for him.

30. The following letter of appreciation has been received from Ralph H. Young:

"My dear President Hannah:

"On behalf of my family and myself, I am writing to sincerely thank you and the State Board of Agriculture for the honor which you have bestowed upon my in naming our outdoor track and field for me.

"From past observation, I know that usually one has to die in order to have a plot of ground named for him. The fact that you have already seen fit to name our track for me while I am still living, really is a distinct honor.

"I believe I have attended all of the college track meets which have been held on our campus during the last thirty-one years, and you can bet that I am planning to attend all of the future meets.

"This is a grand honor. Thanks very much.

Very cordially yours,

/s/ Ralph H. Young

Director of Athletics"

31. Discussion of the preparation of the long range capital outlay legislative request for presentation to the State Department of Administration in accordance with their request for this by August 20.

On motion of Miss Jones, seconded by Mr. Mueller, it was voted to authorize the officers of the Board to submit the following capital outlay request to the State Budget Director:

	1955-56	1956-57	1957-58	1958-59	1959-60	Total
Library	\$1,500,000					
Animal Industries Bldg.	3,250,000					
School of Education Bldg.	3,500,000					
Utilities Plant	1,850,000					
Nursery School Bldg.	100,000					
School of Business Bldg.	3,893,750					
Basic College Bldg.	3,500,000					\$17,593,750
Alter. and rehabil. of old buildings		\$1,100,000				
Conservation Building		3,500,000				
Civil Engineering Bldg.		3,000,000				7,600,000
Communications Center			\$4,500,000			
Music Building			1,000,000			
Fine Arts Building			1,000,000			
Agric. Res. & Food Tech. Bldg.			3,500,000			10,000,000
Bldgs. & Util. & Grounds Maint.			\$ 200,000.			
Economic Plant Greenhouse			100,000			
Chemistry Building			1,000,000			
General Service Building			3,000,000			4,300,000
Police Administration				\$1,500,000		
General Classroom Building				4,000,000		
						5,500,000
Grand Total - - - - -						\$44,993,750

32. The final detailed budget for 1954-55 has been distributed to the Board. It is recommended that it be approved in detail as submitted. It is summarized as follows:

R E C E I P T S

E X P E N D I T U R E S

Current Fund

Student Fees	\$ 3,277,500	Salaries	\$11,206,402
State Appropriation	13,729,700	Labor	1,945,565
Federal Funds	133,560	Supplies	3,929,953
Other Income	639,000	Equipment	697,840
	<u>\$ 17,779,760</u>		<u>\$17,779,760</u>

Experiment Station

Federal Funds	\$ 183,777	Salaries	\$ 903,147
State Appropriations	1,229,870	Project Expense	510,500
	<u>\$ 1,413,647</u>		<u>1,413,647</u>

August 6, 1954

ADDITIONAL ITEMS, continued

Miscellaneous, continued

32. Summary of 1954-55 budget recommended for approval: (continued)

R E C E I P T S

E X P E N D I T U R E S

Agricultural Extension Service

Federal Grants	\$1,065,940
State Appropriation	1,512,425
Other	31,862
	<u>\$2,610,227</u>

Salaries	\$ 2,326,015
Travel	139,510
Maintenance	144,702
	<u>\$ 2,610,217</u>

Hope-Flannagan

Federal Grants	\$ 419,103
State Appropriation	255,000
	<u>\$ 674,103</u>

Salaries	\$ 461,922
Travel	11,263
Maintenance	200,918
	<u>\$ 674,103</u>

Special Agricultural Programs

Experiment Station	\$ 150,000
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Salaries	\$ 100,450
Project Expense	49,550

Extension Service	144,000
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Salaries	119,410
Travel	9,700
Maintenance	14,890
	<u>\$ 294,000</u>

On motion of Miss Jones, seconded by Mr. Mueller, it was voted to approve the above item.

33. Letters expressing appreciation for salary increases have been received from several staff members.

34. Letters expressing appreciation for the diplomas of merit have been received from the following retired staff members:

H. T. Hunt, Zoology
Hattie Ingram, Buildings and Utilities
C. P. Milham, County Agricultural Agent

The meeting adjourned at 11:50 a.m.

The next meeting will be held Friday, September 17, 1954.

John A. Fournah
President
Karl H. M. Driel
Secretary

Approval of detailed 1954-55 budget.

Letters of appreciation from several staff members re: salary increases.

Letters of appreciation for the diplomas of merit.