

MINUTES OF THE MEETING
of the
STATE BOARD OF AGRICULTURE
August 20, 1958

The Board met for dinner at the Northland Hotel at Marquette, Michigan, prior to a tour to inspect the Upper Peninsula Extension Center at Marquette, the Agricultural Experiment Station at Chatham and the Dunbar Forest Experiment Station at Sault Ste. Marie.

Present: Messrs. Brody, Rouse, Stevens, Vanderploeg; President Hannah, Treasurer May and Secretary McDonel

Absent: Mr. Harlan; Dr. Smith, Chairman; Dr. Bartlett

The meeting was called to order at 8:00 p.m.

The minutes of the June meeting were approved.

Resignations

Resignations and Terminations

1. Richard J. First, 4-H Club Agent, Hillsdale County, June 30, 1958.
2. John R. Overton, Extension Agent, Macomb County, July 5, 1958.
3. Merrill B. Evans, Associate Professor (Ext.) Agricultural Economics, June 6, 1958.
4. George H. Thomas, Assistant to the Dean, Men's Division, Dean of Students, June 20, 1958.

Leaves

Leaves--Health

1. C. J. Poppen, Staff Physician, Health Service, without pay July 6, 1958 to July 31, 1958.

Leaves--Other

1. Jack L. Parker, 4-H Club Agent, Allegan County with full pay from June 23, 1958 to July 11, 1958 to study at M.S.U.
2. Carl W. Hall, Professor of Agricultural Engineering with full pay from August 9, 1958 to October 6, 1958 to study the U.S.-Russia Cultural Exchange Program.
3. Ole S. Johnson, Associate Professor of Marketing and Transportation, without pay from June 11, 1958 to August 31, 1958. Mr. Johnson is ending his overseas contract.
4. William Heist, Associate Professor of English without pay from September 1, 1958 to August 31, 1959 to study in Belgium and England.

Appointments

Appointments

1. Willis Avery Wood, Professor (Res.) of Agricultural Chemistry at a salary of \$11,500 on a 12-month basis effective September 1, 1958.
2. Dale Herbert Schairer, Instructor in Agricultural Chemistry at a salary of \$5700 per year on a 12-month basis, effective July 1, 1958 to December 31, 1958.
3. Richard L. Cooper, Instructor (Res.) in Farm Crops at a salary of \$3200 per year on a 12-month basis from July 1, 1958 to June 30, 1959.
4. Charles Robert Olien, Assistant Professor of Farm Crops without pay from July 1, 1958 to June 30, 1959.
5. Justin W. Leonard, Lecturer in Forestry without salary, from July 1, 1958 to June 30, 1959.
6. Martin John Bukovac, Assistant Professor (Res.) of Horticulture at a salary of \$6500 per year on a 12-month basis effective July 1, 1958 to June 30, 1959.
7. Carolyn Stieber, Associate (Res.) in Political Science at a salary of \$450 for the period June 24, 1958 to August 22, 1958.
8. James Davis Hoffman, Instructor in Foundations of Education at a salary of \$275 per month from July 21, 1958 to September 13, 1958.
9. William Crawford, Instructor in Foundations of Education at a salary of \$450 for the period July 7, 1958 to August 29, 1958.
10. Bruce Nagle, Technician in Teacher Education at a salary of \$420 for the period June 24, 1958 to August 1, 1958.
11. John James Paterson, Instructor in the Bureau of Educational Research at a salary of \$3060 per year on a 12-month basis effective July 1, 1958 to June 30, 1959.
12. Ulric S. Lindholm, Instructor (Res.) in the Engineering Experiment Station at a salary of \$2533 per year on a 12-month basis effective July 1, 1958 to June 30, 1959.
13. Richard A. Larder, Instructor (Res.) in the Engineering Experiment Station at a salary of \$2400 per year on a 12-month basis effective July 1, 1958 to June 30, 1959.

PRESIDENT'S REPORTAppointments, continued

Appointments

14. Mahmud Omer Abdullah, Assistant in the Engineering Experiment Station at a salary of \$277.50 per month from July 1, 1958 to July 31, 1958.
15. Raymond S. Corwin, Instructor (Res.) in Zoology at a salary of \$354 per month from July 1, 1958 to August 31, 1958.
16. P. T. Narasimhan, Instructor (Res.) in Chemistry at a salary of \$4800 per year on a 12-month basis effective July 1, 1958 to June 30, 1959.
17. Appointment of the following Instructors in Chemistry at salaries of \$320 for the period June 24, 1958 to August 1, 1958:

| | | |
|-----------------|----------------|-----------------|
| Curtis Hare | Gerald Jacobs | Dante Constanzo |
| Gordon Galloway | Wilbert Hutton | |
18. Philip E. Wigen, Assistant (Res.) in Physics and Astronomy at a salary of \$400 per month from July 1, 1958 to September 15, 1958.
19. Mack Breazeale, Assistant Professor (Res.) of Physics and Astronomy at a salary of \$1350 for the period July 1, 1958 to August 31, 1958.
20. Gopinath Kallianpur, Associate Professor of Statistics at a salary of \$6000 per month from June 1, 1958 to August 31, 1958; and Associate Professor of Statistics at a salary of \$7200 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
21. Sudhish G. Ghurye, Associate Professor (Res.) of Statistics at a salary of \$400 for the period July 1, 1958 to August 31, 1958.
22. Appointment of the following persons in Sociology and Anthropology:

Reed Bradford, Professor, \$1500 for the period June 24, 1958 to August 31, 1958

Julius C. Rivera, Assistant Professor, \$1400 for the period June 24, 1958 to August 22, 1958

Aubrey Wendling, Associate Professor, at a salary of \$1700 for the period June 24, 1958 to August 22, 1958

Orrin Klapp, Professor, \$2000 for the period June 24, 1958 to August 22, 1958.
23. Margaret F. Lorimer, Instructor in International Programs at a salary of \$400 per month from June 24, 1958 to August 5, 1958.
24. Richard F. Gonzalez, Assistant Professor, Brazil Project, at a salary of \$8600 per year from July 23, 1958 to July 22, 1960.
25. Wayne W. Gaskins, Assistant Professor Colombia Project, at a salary of \$7800 per year on a 12-month basis effective July 1, 1958 to December 31, 1958.
26. Gilbert Joseph Shelby, Consultant Viet-Nam Project at a salary of \$400 per month from July 1, 1958 to October 30, 1958.
27. Albert A. Rosenfeld, Consultant, Viet-Nam Project at a salary of \$11,400 per year on a 12-month basis effective July 12, 1958 to September 13, 1958.
28. Mary Clare Jeffers Osborn, Secretary, Viet-Nam Project at a salary of \$4250 per year on a 12-month basis effective July 3, 1958 to March 31, 1960.
29. Marvin H. Murphy, Specialist, Viet-Nam Project, at a salary of \$11,000 per year on a 12-month basis effective June 25, 1958 to August 24, 1958.
30. Henry W. Klippell, Jr. Assistant in the Museum, at a salary of \$350 per month from July 1, 1958 to August 31, 1958.
31. James Perry Harkness, Instructor in Continuing Education at a salary of \$5500 per year on a 12-month basis effective July 1, 1958 to August 31, 1958.
32. Marvin Kaplan, Instructor in the Counseling Center, at a salary of \$450 per month from July 1, 1958 to July 31, 1958.
33. Robert Mendelsohn, Instructor in Political Science at a salary of \$500 for the summer school period June 24, 1958 to August 22, 1958.
34. Simon Perry, Instructor in Political Science at a salary of \$375 for the summer school period June 24, 1958 to August 1, 1958.
35. Arthur Forcier, Instructor in Political Science at a salary of \$500 for the summer school period June 24, 1958 to August 22, 1958.
36. Joseph R. Fiszman, Instructor in Political Science at a salary of \$750 for the summer school period June 24, 1958 to August 22, 1958.
37. Gwendolyn Sharer, Instructor in Speech, at a salary of \$450 for the summer school period June 24, 1958 to August 1, 1958.

PRESIDENT'S REPORT, continued

Appointments

Appointments, continued

38. James L. Bronner, Instructor in Speech, at a salary of \$200 for the summer school period June 30, 1958 to July 25, 1958.
39. Mary Alice Gilchrist, Instructor in Speech, at a salary of \$200 for the summer school period June 30, 1958 to July 25, 1958.
40. Richard D. Settle, Instructor in Speech at a salary of \$200 for the summer school period June 30, 1958 to July 25, 1958.
41. Frederick J. Speckeen, Instructor in Speech at a salary of \$200 for the summer school period June 30, 1958 to July 25, 1958.
42. Judith Stanley, Instructor in Speech, at a salary of \$200 for the period June 30, 1958 to July 25, 1958.
43. Helen Krumboltz, Instructor in Foundations of Education at a salary of \$360 for the summer school period June 24, 1958 to August 1, 1958.
44. David C. Hilty, Instructor in Electrical Engineering at a salary of \$450 for the summer school period June 24, 1958 to August 22, 1958.
45. Edith Weiss Fischer, Assistant Professor of Foreign Languages, at a salary of \$675 from June 24, 1958 to August 22, 1958.
46. Birk Adams, Instructor in Chemistry at a salary of \$480 for the summer school period June 24, 1958 to August 22, 1958.
47. John Benner, Instructor in Chemistry at a salary of \$480 for the summer school period June 24, 1958 to August 22, 1958.
48. Homer Burch, Instructor in Chemistry at a salary of \$320 for the summer school period June 24, 1958 to August 1, 1958.
49. Nancy Chase, Instructor in Chemistry at a salary of \$480 for the summer school period June 24, 1958 to August 22, 1958.
50. John Drougas, Instructor in Chemistry at a salary of \$480 for the summer school period June 24, 1958 to August 22, 1958.
51. Fillmore Freeman, Instructor in Chemistry at a salary of \$400 for the summer school period June 24, 1958 to August 22, 1958.
52. Russel Poel, Instructor in Chemistry at a salary of \$480 for the summer school period June 24, 1958 to August 22, 1958.
53. Danute Salkauskas, Instructor in Chemistry at a salary of \$480 for the summer school period June 24, 1958 to August 22, 1958.
54. Glen Mann, Instructor in Physics and Astronomy at a salary of \$562.50 for the summer school period June 24, 1958 to August 22, 1958.

Transfers

Transfers

1. Emil L. Fimbinger, from Urban 4-H Agent, Detroit to County Extension 4-H Club, Washtenaw County at a salary of \$7100 per year effective July 1, 1958.
2. Roy J. Alexander from Instructor, University of the Ryukyus to Director of Student Affairs, Michigan State University-Oakland, at a salary of \$10,500 effective July 16, 1958.
5. Gale Mikles, Instructor in Health, Physical and Recreation for Men and Assistant Coach to Assistant to the Director of Intercollegiate Athletics at a salary of \$8000 per year on a 12-month basis effective August 1, 1958.

Salary Inc.

Salary Increases

1. Charles Lawrence, Associate Professor of Accounting and Financial Administration to \$9000 per year effective August 1, 1958.
2. Arthur E. Warner, Associate Professor of Insurance, Law and Real Estate to \$8700 per year effective August 1, 1958.
3. David W. Blakeslee, Assistant Professor of Marketing and Transportation, to \$7300 per year effective August 1, 1958.
4. Richard F. Gonzalez, Assistant Professor of Personnel and Production Management to \$6900 per year effective August 1, 1958.
5. Gordon E. Guyer, Assistant Professor of Entomology, to \$8200 per year effective July 1, 1958.

PRESIDENT'S REPORT, continuedMiscellaneous

1. Change in the effective date of the appointment of Nathan E. Tolbert, Professor (Research) of Agricultural Chemistry, from July 1 to June 20, 1958. Ch. date appt.
Nathan E.
Tolbert
2. Change in salary source for Donald F. Luebs, Instructor in Forest Products, to 2/3 from Continuing Education account 21-2902 and 1/3 from University General account 11-4331. Mr. Luebs has previously been paid 1/3 from Continuing Education, 1/3 from University General, and 1/3 from Experiment Station. Ch. sal. source
Donald Luebs
3. Continuation of Margaret Lorimer, Instructor in Evaluation Services, at the same salary of \$5200 per year on full time from June 1 to June 30, 1958. Cont. Marg.
Lorimer, Inst.
Evaluation
Services
4. Change in salary source for Ruben V. Austin, Assistant to the Dean of the College of Business and Public Service and Coordinator of the Brazil Project, from 50% General and 50% Brazil Project to 75% Brazil Project account 72-2227 and 25% General account 11-3281, effective from July 1 to December 31, 1958. Ch. sal. source
Ruben Austin
5. Correction in the salary of Eleanor H. Tedesco, temporary Instructor in Business Education and Office Administration, from a rate of \$4800 per year from January 1 to June 30, 1958, to a salary of \$3200 for the period from January 1 to June 30, 1958. Correction sal
Eleanor Ted-
esco
6. Change in status of Charles A. Rogers, Associate Professor of Personnel and Production Administration assigned to the Labor and Industrial Relations Center, from a 10-month basis at \$9000 per year to a 12-month basis at \$11,000 per year, effective July 1, 1958. Ch. status
Charles Rogers
7. Correction in the pay for summer work for Glendon A. Schubert, Jr., Professor of Political Science, from \$1500 to \$600, paid from the Rockefeller Grant. Correction
summer pay
for Glendon
Schubert
8. Designation of Kenneth G. Hance as Acting Head of the Speech Department, effective July 1, 1958 to relieve Dr. Hunter of this responsibility. Kenneth G.
Hance, Act.Hd
Speech
9. Change in status of Frank Beeman, Assistant Professor of Health, Physical Education, and Recreation, from a 10-month basis at a salary of \$7200 to a 12-month basis at a salary of \$8800 per year, effective July 1, 1958. Ch. status
Frank Beeman
10. Correction in the salary of William A. Bradley, Associate Professor of Applied Mechanics, from \$8400 to \$8500 per year, effective July 1, 1958. Correction sal
Wm. Bradley
11. Correction in the dates of the appointment of Wayne M. Robertson, Instructor in Metallurgical Engineering, from July 1, 1958, to June 30, 1959, to September 1, 1958 to August 31, 1959. Correction
dates appt.
Wayne Robert-
son
12. Discontinuation of H. Owen Reed as Acting Head of the Music Department, effective July 31, 1958. Owen Reed dis.
Head Music
13. Change in the date of the appointment of Donald A. Jennings, Assistant (Research) in Physics and Astronomy, from July 1 to August 31, 1958, to June 19 to August 31, 1958. Ch. date appt.
D.A.Jennings
14. Pay as follows for Howard G. Voss, Assistant (Research) in Physics and Astronomy, paid from account 71-2351: Approval pay
source Howard
G. Voss
 - from June 16 to June 30, 1958 - \$390 per month
 - from July 1 to August 31, 1958 - \$325 per month
15. Approved the following recommendations relative to the salary of Ingram Olkin, Associate Professor of Statistics: Approval recom-
mendations re:
salary Ingram
Olkin
 - a. Salary to be paid 25% from account 71-2375 and 75% from University General, effective from October 16, 1957 to October 15, 1958
 - b. Additional pay for summer work in the amount of \$2600 for the three months from July 1 to September 30, 1958 paid from account 71-2375.
16. Change in salary for Harry Richard Dick, Assistant Professor of Sociology and Anthropology, from \$1200 to \$1300 for the period from June 24 to August 22, 1958 from account 71-2396. Change salary
Harry Richard
Dick
17. Assignment of David W. Blakeslee, Assistant Professor of Marketing and Transportation Administration, to the Brazil Project at a salary of \$9100 per year on a 12-month basis, effective from July 12, 1958 to July 11, 1960. Assignment
David Blakes-
lee to Brazil
Project
18. Reassignment of Carl Albrecht, Associate Professor of Agricultural Engineering, to the Colombia Project at the same salary of \$9700 per year, effective from July 1, 1958 to December 31, 1958, paid from account 71-2226. Reassignment
Carl Albrecht
Colombia Proj
19. Assignment of Wesley R. Fishel, Professor of Political Science, to the Viet-Nam Project at a salary of \$10,100 per year, effective from June 1 to June 23, 1958, paid from account 71-2229. Wesley Fishel
Viet-Nam Proj
to June 23'58
20. Reassignment of Lawrence J. Baril, Instructor in Police Administration and Public Safety, to the Viet-Nam Project at a salary of \$4000 per year on a 12-month basis, effective from July 1, 1958 to June 30, 1959, paid from account 71-2229. L.J. Baril to
Viet-Nam Proj
to June 30'59
21. Approved the employment of John W. Hope, retired, in the University Museum at a salary of \$5619 per year, effective from July 1, 1958 to June 30, 1959. This is in addition to retirement pay. Employ John
Hope to June 30
1959
22. Promotion of Lowell R. Eklund to Associate Director of Continuing Education in charge of the Continuing Education Service at Michigan State University-Oakland and a salary increase from \$10,500 to \$11,000 per year on a 12-month basis, effective August 1, 1958. Lowell Eklund,
Assoc. Dir.
Cont Educ-
MSUO

PRESIDENT'S REPORT, continued

Miscellaneous, continued

Margaret Whitehair 1/2 time basis

Approval ch. Health Ctr- Dr. Menzies, Staff Physician Dr. Feurig, Medical Direct.

Ch. terms of employment Lawrence Derthick

Approval of additional pay for summer wk members of academic staff

Widow Paul deKoning to receive yr's salary

Approval s.s. payroll

Approval contract for Harrison Rd. Sewers - Mead Brothers

23. Change in status of Margaret Whitehair, Home Economics Television Editor in Information Services, from full time at \$7300 per year to half time at \$3650 per year, effective July 1, 1958.
24. Approved the following changes in the administration of the Health Center, effective August 1, 1958.
- a. Clifford G. Menzies changed from Director to Physician at the same salary of \$16,100 per year
- b. James S. Feurig changed from Staff Physician to Director with a salary increase from \$12,200 to \$16,100 per year.
25. Change in the terms of the appointment of Lawrence Derthick, Professor of Administrative and Educational Services in the Summer School, from a salary of \$500 to no salary from Michigan State University. Dr. Derthick is unable to accept salary due to his federal appointment, and in lieu of salary the University will take care of his travel and maintenance expenses not to exceed \$500.
26. Additional pay for summer work for members of the academic staff, as follows:
- Harry Brainard, Associate Professor of Economics, \$1350 from account 71-2240
- Frank C. Child, Associate Professor of Economics, \$1155 from 71-2240
- Anthony Koo, Professor of Economics, \$1845 from 71-2240
- John L. Hazard, Professor of Marketing and Transportation Administration, \$2250 paid \$1875 from 71-2240 and \$370 from 11-3241
- Henrik Zwarensteyn, Associate Professor of Insurance, Law, and Real Estate, \$1110 - 71-2240
- Stanley C. Hollander, Associate Professor of Marketing and Transportation Administration, \$2137.50 from 71-2411
- Ralph M. Goldman, Associate Professor of Political Science, \$1080 from 31-3103
- John W. Crawford, Associate Professor and Head of Advertising, \$1000 from 11-4981
- Robert W. Gowans, Instructor in Health, Physical Education, and Recreation, \$500 from 21-2899
- Malvern F. Obrecht, Associate Professor of Chemical Engineering, \$1507.50 from 71-2662
- Richard Ditsworth, Instructor in Mechanical Engineering, \$995 from 71-2509
- Edward C. Cantino, Professor of Botany and Plant Pathology, \$1333.33 from 71-2379
- Ralph K. Birdwhistell, Assistant Professor of Chemistry, \$1300 from 71-2386
- Richard U. Byerrum, Professor of Chemistry, \$989 from 71-2395
- James L. Dye, Assistant Professor of Chemistry, \$1367 from 71-2315
- James L. Fairley, Assistant Professor of Chemistry, \$828 from 71-2308
- Max T. Rogers, Professor of Chemistry, \$2233 from 71-2369
- George B. Beard, Assistant Professor of Physics and Astronomy, \$1372.50 from 71-2376
- Frank J. Blatt, Associate Professor of Physics and Astronomy, \$1800 from 71-2387
- Meyer Garber, Assistant Professor of Physics and Astronomy, \$945 from 71-2361
- William H. Kelly, Assistant Professor of Physics and Astronomy, \$1372.50 from 71-2376
- Walter H. Tanttilla, Assistant Professor of Physics and Astronomy, \$1289 from 71-2371
- J. A. Cowen, Assistant Professor of Physics and Astronomy, \$1132 from 71-2371
- D. J. Montgomery, Professor of Physics and Astronomy, \$1771.87 paid \$590.62 from 71-2384 and \$1181.25 from 71-2306
- Harold Forstat, Assistant Professor of Physics and Astronomy, \$1375 from 71-2384
- Norman K. Lee, Instructor (Research) in Physics and Astronomy, \$175 per month from July 1 to August 31, 1948, paid from 71-2280
- James F. Hannan, Associate Professor of Statistics, \$1620 from 71-2398
- Milton Rokeach, Professor of Psychology, \$2160 from 71-2394
- William A. Faunce, Instructor in Sociology and Anthropology and the Labor and Industrial Relations Center, \$405 from 11-9521
- Richard N. Adams, Professor of Sociology and Anthropology, \$1936 from 71-2235
- John D. Wilson, Administrative Assistant in Vice President Hamilton's office, \$600 Univ. Gen.
- Charles D. Kenney, Associate Professor of Social Science, \$990 from 71-2240
- Howard Scarrow, Assistant Professor in Government Research Bureau, \$900 from 71-2240
- Charles F. Wrigley, Associate Professor of Psychology, \$1230 from 71-2240
- Arthur E. Adams, Associate Professor of History, \$1305 from 71-2240
- Wesley R. Fishel, Professor of Political Science \$2272.50 from 71-2240
- A. F. Jandali, Assistant Professor of Political Science, \$810 from 71-2240
27. Approved a recommendation that the widow of Paul J. DeKoning continue to receive his salary for a period of one year from the date of his death which will be through June 30, 1959.
28. Approved the summer school payroll for the 6-week session and for the first 6 weeks of the 9-week session in the total amount of \$374,474.74.
29. Approved letting the contract for the Harrison Road storm sewers to the low bidder, the Mead Brothers Company, in the amount of \$123,798. The cost for de-watering the project will be handled on a cost basis at an additional estimated cost of not to exceed \$6500. Bids were received as follows:
- | | Elliptical Pipe | Round Pipe |
|-------------------------|-----------------|------------|
| Mead Brothers | \$123,798 | \$123,798 |
| Nelson & Son | 139,950 | 139,950 |
| Angell Construction | 140,081 | 140,081 |
| Burr Brothers | 148,234 | 146,704 |
| Dykhous Brothers | 149,000 | 144,000 |
| Vermeersch Construction | 156,014 | 156,014 |
| Paas Brothers | 157,000 | 152,000 |

PRESIDENT'S REPORT, continuedMiscellaneous, continued

30. Approved letting the contract for the parking lot in front of the Agricultural Engineering Building to the low bidder, the Kegel Construction Company, in the amount of \$7499. Bids were received as follows:

| | |
|----------------------------------|----------|
| Kegel Construction Company | \$ 7,499 |
| Brayton Construction Company | 8,010 |
| Hanel-Vance Construction Company | 8,374 |
| Kutchins Construction Company | 9,425 |

Contract for parking lot Ag. Engr. let to Kegel

31. Approved letting the contract to convert a poultry building into a classroom building at Michigan State University-Oakland to the low bidder, Frank Rewold and Son, in the amount of \$14,063. Bids were received as follows:

| | |
|-----------------------|----------|
| Frank Rewold and Sol | \$14,063 |
| William J. Pulte | 14,359 |
| J. A. Fredman Company | 15,558 |
| Lockwood, McCutchons | 15,470 |

Contract to convert poultry bldg. to classroom bldg. to Frank Rewold

32. Approved letting the contract for the construction of fencing, nets, and net posts for the ten tennis courts to the low bidder, the Cyclone Fence Company, in the amount of \$3,747. Bids were received as follows:

| | |
|---------------------------|----------|
| Cyclone Fence Company | \$ 3,747 |
| Allen Fence Company | 4,735 |
| Evans Sales & Service | 5,158 |
| Continental Fence Company | 5,404 |

Contract for construction fencing, nets and net posts for tennis courts let to Cyclone Fence

Gifts and Grants

Gifts and Grants

1. Approval of a memorandum of agreement with The American Bottlers of Carbonated Beverages Association of Washington, D. C., covering a grant of \$7500 to be used under the direction of A. W. Farrall and I. J. Pflug in Agricultural Engineering to determine necessary mechanical equipment, chemicals, time and temperature to clean glass bottles and evaluate the effect of these treatments on the mechanical equipment and the bottles. The agreement provides for a special graduate research assistant.
2. Accepted a grant of \$2,535.36 from the Chicago Military Subsistence Market Center of Chicago to be used under the direction of A. W. Farrall in Agricultural Engineering to Determine the effect of irradiation of oranges on their food value.
3. Approved a memorandum of agreement with the Tri-County Regional Planning Commission of Ingham, Eaton, and Clinton Counties covering a grant of \$28,750 to be used under the direction of Eli P. Cox, Jr. in the Bureau of Business and Economic Research to make an economic and population study of the Tri-County Area with projections to the year 1980, which will serve as a base for the Commission to plan industrial expansion. The agreement provides for special graduate research assistants.
4. Grant of \$73,000 from the International Cooperation Administration of Washington, D.C., to be used under the direction of David K. Berlo in Communication Arts to train approximately 850 ICA Participants in communications techniques.
5. Grant of \$18,322.70 from the United States Department of State to be used under the direction of John T. Gullahorn in Sociology and Anthropology in a study of the professional and social consequences of Fulbright and Smith-Mundt awards for approximately 10,000 American grantees.
6. Grant of \$600 from Cliff Thomas of Saginaw to be used under the direction of Rollin H. Baker in the Museum to defray expenses on a trip to Mexico for collecting specimens for the Museum.
7. Grant of \$600 from Russell Jameson of Saginaw, to be used under the direction of Rollin H. Baker in the Museum to defray expenses on a trip to Mexico for collecting specimens for the Museum.

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

NEW BUSINESSResignations and Terminations

Resignations

1. Sally S. Schlereth, Home Demonstration and 4-H Club Agent, Calhoun County, September 12, 1958 to be married.
2. Richard S. Nuttall, Instructor in Horticulture, September 30, 1958 to continue studies toward his Ph.D.
3. Frank McArdle, Assistant Professor (Res.) of Horticulture, September 15, 1958 to accept a position at Penn State.
4. Evan P. Roberts, Instructor in Horticulture and Short Courses, September 19, 1958. (Tenure)
5. Dale E. Madden, Assistant Professor (Res.) of Dairy, September 5, 1958 to accept employment with IBM in Los Angeles.

NEW BUSINESS, continued

Resignations

Resignations and Terminations, continued

6. William G. Butt, Assistant Professor of Communication Skills, August 31, 1958 to accept a position at Central Michigan College.
7. Charles M. Linkletter, Instructor in Communication Skills, August 31, 1958. (Tenure).
8. Jerome B. Landfield, Instructor in Communication Skills, August 31, 1958 to accept a position at Oberlin.
9. James H. Platt, Assistant Professor of Communication Skills, August 31, 1958, to accept a position at Northeast Missouri State College.
10. Robert H. Wiebe, Instructor in Humanities, August 31, 1958 to accept a position at Columbia University.
11. Kenneth Wilson, Assistant Dean, Business and Public Service, August 31, 1958, to accept a position as Dean of the College of Business Administration, at the University of Cincinnati.
12. John Louis McKeever, Instructor in Accounting and Financial Administration, August 31, 1958 to accept a position at the University of Wyoming.
13. Jahangir Amuzegar, Assistant Professor of Economics and Bureau of Business and Economic Research, August 31, 1958 to accept a position at Occidental College.
14. George L. Almond, Instructor in Marketing and Transportation, August 31, 1958 to accept a position at the University of Rochester.
15. Henry J. Merry, Lecturer in Political Science, July 28, 1958 to accept a position at the Library of Congress in Washington.
16. Albert W. Bluem, Instructor in Speech, August 31, 1958 to accept a position at Ohio Wesleyan.
17. Cancellation of the appointment of Terry A. Welden, Instructor in Speech, September 1, 1958.
18. Doris A. Young, Associate Professor of Teacher Education, August 31, 1958 to accept a position at Purdue University.
19. Maydean Nash, Instructor in Teacher Education, August 31, 1958 to move to Whitewater, Wisconsin.
20. Betty P. Pilsbury, Instructor in Teacher Education, August 31, 1958 to return to Florida.
21. Kurt E. Utley, Instructor in Electrical Engineering, August 31, 1958 to accept a position with the Radio Corporation of America.
22. Wilbur C. Peterson, Assistant Professor of Electrical Engineering, August 31, 1958 to accept a position at North Carolina State College.
23. Mahmoud Melehy, Assistant Professor of Electrical Engineering, August 31, 1958.
24. Mary Jane Rhiness, Instructor in Foods and Nutrition and Continuing Education, August 31, 1958, to be married.
25. Barbara Knutson, Instructor in Nursing, October 4, 1958 to be married.
26. Lester L. Helms, Assistant Professor of Mathematics, August 31, 1958 to accept a position at the University of Illinois.
27. Gustave M. Gilbert, Associate Professor of Psychology, August 31, 1958 to accept a position in NYC.
28. Walter H. Tanttila, Assistant Professor of Physics and Astronomy, August 31, 1958 to accept a position at the University of Colorado.
29. F. Hermann, Rudenberg, Assistant Professor of Physiology and Pharmacology, August 31, 1958 to accept a position at another university.
30. John R. Ford, Assistant in Veterinary Pathology, August 31, 1958 to locate in the southwest.
31. Everett A. Chamberlin, Police Specialist, Viet-Nam Project, August 24, 1958.
32. Margaret M. Whitehair, Home Economics Extension Editor, Information Services, October 8, 1958 to become a full-time homemaker.
33. Elwood C. Shaffer, Extension Publications Editor, Information Services, September 19, 1958, to accept a position with the National 4-H Club Foundation.
34. Frank W. Thompson, Assistant to the Director, M.S.U. Press. September 15, 1958 to gain publishing experience in other countries.
35. Jeannette M. Swan, Secretary to the Vice President in Charge of Academic Affairs, August 31, 1958 to become a full-time homemaker.
36. J. Robert Stewart, Director of Scholarships, August 25, 1958 to become Athletic Director at St. Louis University.

NEW BUSINESS, continuedResignations and Terminations, continued

37. Kenneth Kuemmerlein, Instructor, Audio-Visual Aids, August 29, 1958.
38. Marvin H. Goer, Assistant Professor, Counseling Center, September 15, 1958 to accept a position in Santa Monica, California.

Resignations

Leaves--Sabbatical

1. M. June Wilkinson, Assistant State Leader, 4-H Clubs, with half pay from September 16, 1958 to September 15, 1959 to study for her M.S. at Columbia.
2. Donald P. Watson, Professor of Horticulture, with full pay February 1, 1959 to July 31, 1959 for study and travel in Japan and Europe.
3. Eugene P. Whiteside, Professor of Soil Science with full pay, September 16, 1958 to December 15, 1958 to complete a book.
4. Mary Alice Burmester, Assistant Professor of Natural Science, with full pay from April 1, 1959 to June 30, 1959 for study and travel in Europe.
5. George B. Wilson, Professor of Botany and Plant Pathology with full pay from September 1, 1958 to December 31, 1958 for research at Brookhaven National Laboratory.
6. Marvis A. Richardson, Associate Professor (Res.) of Microbiology and Public Health, with full pay from September 1, 1958 to October 31, 1958 for travel in Europe.

Leaves

Leaves--Health

1. Kermit V. Washburn, Agricultural Agent Van Buren County, with full pay from August 1, 1958 to December 31, 1958.
2. Eleanor Densmore, Home Demonstration Agent, Kent County, with full pay from August 1, 1958 to September 30, 1958.
3. Anna Louise Kelley, Associate Professor (Res.) of Foods and Nutrition with full pay from July 1, 1958 to June 30, 1959. (This is a terminal leave).
4. Clyde E. Henson, Associate Professor of English and Liberal Arts Program for Adults, with full pay from July 1, 1958 to August 31, 1958.

Leaves--Military

1. Edward T. Wilkie, Labor I (Ag) in Animal Husbandry without pay from August 10, 1958 to June 30, 1959.

Leaves--Other

1. Paul D. Bagwell, Professor, without pay from August 9, 1958 to November 30, 1958 to run for Governor.
2. George K. Dike, District Marketing Agent, Hillsdale County, without pay from October 1, 1958 to September 30, 1959 to work on his Ph.D. at M.S.U.
3. Benjamin B. Hickok, Assistant Professor of Communication Skills without pay from September 1, 1958 to August 31, 1959 to accept a Fulbright lectureship in Ecuador.
4. Glendon Swarthout, Assistant Professor of Communication Skills, without pay from September 1, 1958 to December 31, 1958 to work on a motion picture.
5. Adolph E. Grunewald, Assistant Professor of Accounting and Financial Administration, without pay from September 1, 1958 to August 31, 1959 to continue his position at the University of Berlin.
6. David W. D. Dickson, Associate Professor of English, without pay from September 1, 1958 to August 31, 1959 to accept a Smith-Mundt Lectureship in Syria.
7. Alvin C. Gluek, Jr. Assistant Professor of History without pay from September 1, 1958 to August 31, 1959 to become a Fulbright lecturer at Trinity College.

Appointments

1. Margaret Bishop Doughty, Consumers Marketing Information Agent, Saginaw County at a salary of \$7000 per year on a 12-month basis effective August 1, 1958.
2. Mary Strickland Holmes, Consumers Marketing Information Agent at Large at a salary of \$5300 per year on a 12-month basis September 16, 1958.
3. Ivan Martin Lappin, Extension, 4-H Clubs, Macomb County at a salary of \$5400 per year effective August 15, 1958.
4. Friedrich, Johann Henningsen, Agent in Research, Extension, at a salary of \$5000 per year on a 12-month basis effective November 1, 1958.

Appointments

NEW BUSINESS, continued

Appointments

Appointments, continued

5. John Moore, Assistant Professor (Ext.) of Agricultural Economics, at a salary of \$7500 per year on a 12-month basis effective August 1, 1958.
6. Roy Leo Roberts, Jr. Instructor in Agricultural Engineering, without pay from September 1, 1958 to August 31, 1959.
7. Roy M. Green, Distinguished Visiting Professor, Agricultural Engineering, at a salary of \$4000 for the period September 16, 1958 to December 15, 1958.
8. Neal L. First, Instructor in Animal Husbandry, at a salary of \$3600 per year on a 12-month basis effective September 1, 1958 to August 31, 1959.
9. Robert C. Lamb, Instructor in Dairy, at a salary of \$4500 per year on a 12-month basis effective September 1, 1958 to August 31, 1961.
10. Maurice Wayne Adams, Associate Professor of Farm Crops, at a salary of \$10,500 per year on a 12-month basis effective January 1, 1959.
11. John Wallace Creighton, Professor of Forest Products, at a salary of \$10,500 per year on a 12-month basis effective January 1, 1959.
12. Philip Eugene Parvin, Instructor (Res.) in Horticulture, at a salary of \$3400 per year on a 12-month basis from September 19, 1958 to August 18, 1959.
13. Leon J. Tolle, Jr. Instructor (Res.) in Horticulture, at a salary of \$5900 per year on a 12-month basis effective September 19, 1958.
14. Herbert Begman, Assistant Professor of Communication Skills, at a salary of \$6500 per year on a 10-month basis effective September 1, 1958.
15. William Arthur Burney, Instructor in Communication Skills, at a salary of \$5400 per year on a 10-month basis effective September 1, 1958.
16. Albert Karson, Assistant Professor of Communication Skills, at a salary of \$6900 per year on a 10-month basis effective September 1, 1958.
17. William A. Peterson, Instructor in Communication Skills, at a salary of \$5600 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
18. Joseph J. Waldemeir, Instructor in Communication Skills, at a salary of \$5200 per year on a 10-month basis effective September 1, 1958.
19. Harold O. Bahlke, Assistant Professor of Humanities, at a salary of \$6800 per year on a 10-month basis effective September 1, 1958.
20. David Giltner, Instructor in Humanities, at a salary of \$4800 per year on a 10-month basis effective September 1, 1958.
21. Eleanor Morrissey, Instructor in Humanities, at a salary of \$3600 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
22. Bishop N. Pipes, Assistant Professor of Humanities at a salary of \$6500 per year on a 10-month basis effective September 1, 1958.
23. Paul H. Tedesco, Instructor in Humanities, at a salary of \$4800 per year on a 10-month basis effective September 1, 1958.
24. John S. Whale, Distinguished Visiting Professor in Humanities, at a salary of \$3000 for the period April 1, 1959 to June 30, 1959.
25. Wolf D. Fuhrig, Instructor in Social Science, at a salary of \$400 per month from September 1, 1958 to December 31, 1958.
26. Naser G. Bodiya, Instructor (Res.) in the Bureau of Business and Economic Research, at a salary of \$275 per month from September 16, 1958 to June 15, 1959.
27. Martin Albaun, Lecturer in the Governmental Research Bureau at a salary of \$7000 per year on a 12-month basis effective September 1, 1958 to August 31, 1959.
28. Francis M. Sim, Instructor in the Governmental Research Bureau, at a salary of \$5000 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
29. Eric Schenker, Assistant Professor of Economics and Highway Traffic Safety Center, at a salary of \$8000 per year on a 12-month basis effective September 1, 1958.
30. Roger L. Bowlby, Assistant Professor of Economics and Labor and Industrial Relations Center, at a salary of \$5800 per year on a 10-month basis effective September 1, 1958.
31. Agathon A. Aerni, Instructor in Personnel and Production Management, at a salary of \$5300 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.

NEW BUSINESS, continuedAppointments, continued

32. G. Alexander Billon, Instructor in Personnel and Production Management at a salary of \$5300 per year on a 10-month basis effective September 1, 1958 to August 31, 1959. Appointments
33. Frank T. Delauretis, Instructor in Personnel and Production Management, at a salary of \$2200 for the period October 1, 1958 to June 30, 1959.
34. Thomas R. O'Donovan, Instructor in Personnel and Production Management, at a salary of \$4800 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
35. Paul E. Sands, Instructor in Personnel and Production Management, at a salary of \$2300 for the period October 1, 1958 to June 30, 1959.
36. Roland H. Ebel, Instructor in Political Science, at a salary of \$2400 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
37. Steighton Watts, Instructor in Political Science, at a salary of \$2400 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
38. Max Bruck, Assistant Professor of Social Work, at a salary of \$8000 per year on a 12-month basis effective September 1, 1958 to August 31, 1959.
39. Harriet M. Fusfeld, Lecturer in Social Work, at a salary of \$350 for the period October 1, 1958 to December 31, 1958, and at a salary of \$500 for the period April 1, 1959 to June 30, 1959.
40. Morris Gluckin, Assistant Professor of Social Work, at a salary of \$7000 per year on a 12-month basis effective September 1, 1958 to August 31, 1959.
41. Manfred Lilliefors, Lecturer in Social Work, at a salary of \$350 for the period October 1, 1958 to December 31, 1958 and at a salary of \$250 for the period April 1, 1959 to June 30, 1959.
42. Barrett Lyons, Lecturer in Social Work at a salary of \$550 for the period October 1, 1958 to December 31, 1958 and at a salary of \$400 for the period April 1, 1959 to June 30, 1959.
43. Richard B. Duke, Assistant Professor of Urban Planning and Continuing Education, at a salary of \$8500 per year on a 12-month basis effective October 1, 1958.
44. John T. McNelly, Instructor in General Communication Arts, at a salary of \$4250 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
45. Lauren Edgar Crane, Assistant Professor (Res.) of General Communication Arts, at a salary of \$7700 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
46. R. K. Narayan, Distinguished Visiting Professor in the College of Communication Arts, at a salary of \$1500 for the period October 1, 1958 to December 31, 1958.
47. Terry Allen Welden, Coordinator, General Communication Arts, at a salary of \$3600 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
48. Donald F. Kiel, Instructor (Res.) in General Communication Arts, at a salary of \$3900 per year on a 12-month basis, effective July 1, 1958 to June 30, 1959.
49. Paul Bluemle, Instructor in Mass Communications, at a salary of \$1900 for the period September 1, 1958 to Aug. 31, 1959.
50. Daniel F. Wozniak, Lecturer in Mass Communications at a salary of \$6000 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
51. John M. Sebeson, Instructor in the Engineering Experiment Station, at a salary of \$625 for the period July 28, 1958 to August 29, 1958.
52. Richard C. Havens, Instructor (Res.) in the Engineering Experiment Station, at a salary of \$2400 per year on a 12-month basis effective September 1, 1958 to August 31, 1959.
53. Georgia B. Reed, Assistant (Res.) in the Engineering Experiment Station, and the Computer Laboratory from September 1, 1958 to August 31, 1959, at \$5700 per year.
54. Richard F. Arnold, Instructor (Res.) in the Engineering Experiment Station and the Computer Laboratory, at a salary of \$2000 for the period September 16, 1958 to June 15, 1959.
55. Julian Kateley, Jr. Instructor (Res.) in the Computer Laboratory, at a salary of \$4800 per year on a 12-month basis effective September 1, 1958 to August 31, 1959.
56. Paul F. Barritt, Instructor in Electrical Engineering, at a salary of \$3300 for the period October 1, 1958 to June 30, 1959.
57. William C. Bartley, Instructor in Electrical Engineering, at a salary of \$2400 for the period October 1, 1958 to June 30, 1959.
58. David Paul Brown, Instructor in Electrical Engineering, at a salary of \$2500 for the period October 1, 1958 to June 30, 1959.
59. Kenneth R. Cook, Instructor in Electrical Engineering, at a salary of \$2700 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.

NEW BUSINESS, continuedAppointments, continued

Appointments

60. Richard C. Dubes, Instructor in Electrical Engineering, at a salary of \$2700 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
61. Glenn E. Edgington, Instructor in Electrical Engineering, at a salary of \$2400 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
62. Delbert R. Elliott, Instructor in Electrical Engineering, at a salary of \$2200 for the period October 1, 1958 to June 30, 1959.
63. David C. Hilty, Instructor in Electrical Engineering, at a salary of \$800 for the period September 1, 1958 to December 31, 1958.
64. William C. Holm, Instructor in Electrical Engineering, at a salary of \$4000 for the period October 1, 1958 to June 30, 1959.
65. H. K. Kesavan, Instructor in Electrical Engineering, at a salary of \$4200 for the period October 1, 1958 to June 30, 1959.
66. Joseph John Lang, Instructor in Electrical Engineering, at a salary of \$2500 for the period October 1, 1958 to June 30, 1959.
67. Bruce S. White, Instructor in Electrical Engineering, at a salary of \$4000 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
68. Lyle C. Wilcox, Instructor in Electrical Engineering, at a salary of \$5800 per year on a 10-month basis effective September 1, 1958.
69. John L. Wirth, Instructor in Electrical Engineering, at a salary of \$2400 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
70. Maurice L. Wolla, Instructor in Electrical Engineering, at a salary of \$5900 per year on a 10-month basis effective September 1, 1958.
71. Lorraine Miller, Instructor in Foods and Nutrition and Continuing Education, at a salary of \$5000 per year on a 10-month basis effective September 1, 1958.
72. Nixola F. Bayle, Instructor in Textiles, Clothing and Related Arts, at a salary of \$3600 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
73. Donna Diamond, Instructor in Art, at a salary of \$4500 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
74. John C. Street, Assistant Professor of English, at a salary of \$6000 per year on a 10-month basis effective September 1, 1958.
75. Huling E. Ussery, Instructor in English, at a salary of \$6000 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
76. Helen E. Brooks, Instructor in English, at a salary of \$5500 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
77. John W. Manion, Instructor in English, at a salary of \$2600 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
78. Robert W. Reising, Instructor in English, at a salary of \$2600 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
79. D. Gordon Rohman, Instructor in English, at a salary of \$5800 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
80. Hans Lau, Instructor (Res.) in Chemistry, at a salary of \$212.50 for the period July 16, 1958 to July 31, 1958.
81. Dorothy S. Bedford, Instructor in Mathematics, at a salary of \$3100 for the period October 1, 1958 to June 30, 1959.
82. Mariette P. Carolus, Instructor in Mathematics, at a salary of \$2900 for the period October 1, 1958 to June 30, 1959.
83. Julia King Taylor, Instructor in Mathematics, at a salary of \$4200 for the period October 1, 1958 to June 30, 1959.
84. Martha C. Wallace, Instructor in Mathematics, at a salary of \$4200 for the period October 1, 1958 to June 30, 1959.
85. Margaret Walcott Zimmer, Instructor in Mathematics at a salary of \$4200 for the period October 1, 1958 to June 30, 1959.
86. Mary Ann Vogt, Instructor in Physics and Astronomy at a salary of \$4500 for the period October 1, 1958 to June 30, 1959.
87. Kenneth L. Zankel, Assistant Professor (Res.) of Physics and Astronomy, at a salary of \$6000 for the period September 16, 1958 to June 15, 1959.

NEW BUSINESS, continuedAppointments, continued

Appointments

88. James Hall Stapleton, Assistant Professor of Statistics, at a salary of \$6000 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
89. John Van Dyke, Instructor in Statistics, at a salary of \$5600 per year on a 12-month basis effective September 16, 1958 to August 31, 1959.
90. Robert S. Vogel, Instructor in Geography and Highway Traffic Safety Center, at a salary of \$1000 for the period September 16, 1958 to June 15, 1959.
91. Gladys L. Anderson, Associate Professor (Res.) of Psychology, at a salary of \$7290 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
92. Paul B. Koons, Jr. Instructor in Psychology, at a salary of \$1900 for the period October 1, 1958 to August 31, 1959.
93. John L. Laffey, Instructor in Psychology, at a salary of \$1900 for the period October 1, 1958 to August 31, 1959.
94. William R. Mackavey, Instructor in Psychology, at a salary of \$1900 for the period October 1, 1958 to August 31, 1959.
95. Thomas M. Nelson, Assistant Professor (Res.) of Psychology, at a salary of \$6700 per year on a 12-month basis effective September 1, 1958 to August 31, 1959.
96. Howard E. Trier, Instructor in Psychology, at a salary of \$1900 for the period October 1, 1958 to June 30, 1959.
97. Philip Frankel, Lecturer in Religion, without salary from September 1, 1958 to August 31, 1959.
98. Donald W. Herb, Lecturer in Religion, without salary, from September 1, 1958 to August 31, 1959.
99. Robert E. Kavanaugh, Lecturer in Religion, without pay from September 1, 1958 to August 31, '59.
100. Jerome V. MacEachin, Lecturer in Religion, without pay from September 1, 1958 to August 31, '59.
101. John F. Porter, Lecturer in Religion, without pay from September 1, 1958 to August 31, 1959.
102. P. Marion Simms, Lecturer in Religion, without pay from September 1, 1958 to August 31, 1959.
103. Abraham Zemach, Lecturer in Religion, September 1, 1958 to August 31, 1959.
104. Baron L. Moots, Instructor (Res.) in Sociology and Anthropology and Continuing Education, at a salary of \$5300 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
105. Norman Henderson, Consultant in Anatomy without salary effective July 1, 1958 to June 30, 1959.
106. Leo W. Walker, Lecturer in Anatomy, at a salary of \$150 for the period October 1, 1958 to June 30, 1959.
107. Stanley C. Whitlock, Consultant in Anatomy, without salary from July 1, 1958 to June 30, 1959.
108. William Cheney, Consulting Radiologist in Surgery and Medicine, without salary from September 1, 1958 to August 31, 1959.
109. Don M. LeDuc, Lecturer in Surgery and Medicine, at a salary of \$300 for the period October 1, 1958 to June 30, 1959.
110. Clayton Lewis, Consultant in Surgery and Medicine, without salary from September 1, 1958 to August 31, 1959.
111. Maurice L. Richardson, Consulting Radiologist in Surgery and Medicine, without salary from September 1, 1958 to August 31, 1959.
112. Arthur E. Schultz, Consultant in Surgery and Medicine, without salary from September 1, 1958 to August 31, 1959.
113. Jack W. Warren, Lecturer in Surgery and Medicine, at a salary of \$350 for the period October 1, 1958 to December 31, 1958.
114. Gerald C. Hickey, Associate (Res.) Viet-Nam Project, at a salary of \$6450 from August 1, 1958 to October 19, 1958 and Associate (Res.) Viet-Nam Project at a salary of \$7500 per year effective October 20, 1958 to October 20, 1960.
115. Donna C. McKeen, Secretary Viet-Nam Project, at a salary of \$5000 per year on a 12-month basis effective July 31, 1958 to July 30, 1960.
116. Marvin H. Murphy, Specialist Viet-Nam Project at a salary of \$11,000 per year on a 12-month basis effective August 25, 1958 to October 21, 1958 and at \$11,500 per year on a 12-month basis effective October 22, 1958 to October 22, 1960.
117. Olga Jean Pierce, Secretary Viet-Nam Project, at a salary of \$4800 per year on a 12-month basis effective August 4, 1958 to August 3, 1960.

NEW BUSINESS, continuedAppointments, continued

Appointments

118. Lois Nanette Korslund, Extension Television Editor, Home Economics, Information Services, at a salary of \$6000 per year on a 12-month basis effective September 16, 1958.
119. Jean W. Busfield, Assistant to the Director of the M.S.U. Press, at a salary of \$4600 per year on a 12-month basis effective September 1, 1958.
120. Elaine H. Frank, Secretary to the Vice President in Charge of Academic Affairs, at a salary of \$5600 per year on a 12-month basis effective September 1, 1958.
121. James Perry Harkness, Instructor in Continuing Education, at a salary of \$6700 per year on a 12-month basis effective September 1, 1958.
122. Burton B. Brackney, Coordinator in Continuing Education, at a salary of \$6500 per year on a 12-month basis effective August 1, 1958.
123. Tunis H. Dekker, Assistant to the Director of Continuing Education with the rank of Associate Professor at a salary of \$10,800 per year on a 12-month basis effective September 1, 1958.
124. William Stanley Devino, Associate (Res.) Labor and Industrial Relations Center, at a salary of \$5000 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
125. Margaret Dahlem, Instructor in Teacher Education at a salary of \$645 for the summer school period August 4, 1958 to August 22, 1958.

Transfers

Transfers

1. John K. Bray from District Marketing Agent, Lapeer County, to District Marketing Agent Petoskey at a salary of \$7100 per year on a 12-month basis effective September 1, 1958.
2. Clayton C. Ingerson, Specialist, Pakistan Project, to Agricultural Agent, Extension Service at a salary of \$7300 per year on a 12-month basis September 1, 1958.
3. Don L. Hine, Urban 4-H Agent Grand Rapids, to Extension Agent, 4-H Club Wayne County at a salary of \$7000 per year on a 12-month basis effective September 1, 1958.
4. Donald L. Stormer, from Agent in Research Extension Service to Extension Agent, 4-H Club Alpena County at a salary of \$6300 per year on a 12-month basis effective August 1, 1958.
5. Jane W. Venable, from Home Demonstration Agent, Kalkaska-Crawford Counties to Extension Agent, Home Economics, Wexford County, at a salary of \$5000 per year on a 12-month basis effective August 1, 1958.
6. Earl H. New, from Instructor (Res.) in Horticulture to Instructor in Horticulture and Short Course, at a salary of \$5900 per year effective September 19, 1958.
7. Emanuel Hackel, from Associate Professor of Natural Science to Assistant to the Dean of Basic College on a 12-month basis at a salary of \$9200 per year effective September 1, 1958.

Salary increases

Salary Increases

1. William A. Cromarty, Assistant Professor (Res.) of Agricultural Economics to \$8800 per year effective August 1, 1958.
2. Andrew G. Frank, Assistant Professor of Economics to \$6200 per year effective September 1, 1958.
3. Kenneth G. Hance, Acting Head of the Speech Department, at a salary of \$14,000 on a 12-month basis effective September 1, 1958.
4. John A. Walker, Associate Professor of Speech, to \$7700 per year effective September 1, 1958.
5. William A. Blackwell, Assistant Professor of Electrical Engineering, to \$9600 per year effective September 1, 1958.
6. Gerard P. Weeg, Assistant Professor of Mathematics and Computer Laboratory, to \$9000 per year effective September 1, 1958.
7. Kenneth R. Wurtz, Instructor in Psychology, to \$5900 per year effective September 1, 1958.
8. David W. Blakeslee, Assistant Professor, Brazil Project, to \$9800 per year effective August 1, 1958.
9. Richard F. Gonzalez, Assistant Professor, Brazil Project, to \$9200 per year effective August 1, 1958.
10. James B. Hendry, Assistant Professor, Vietnam Project, to \$10,000 per year effective August 1, 1958.
11. George W. Newman, Police Specialist, Viet-Nam Project to \$9600 per year on a 12-month basis effective August 1, 1958.
12. Leonard Maynard, Specialist Viet-Nam Project to \$10,000 per year effective August 1, 1958.

NEW BUSINESS, continuedSalary increases, continued

13. John F. Manopoli, Police Specialist, Viet-Nam Project, to \$9500 per year effective August 1, 1958.
14. Norman R. Potter, Manager, Shaw Hall, to \$7500 per year effective September 1, 1958.
15. Elmer Richard Munkachy, Manager Brody Group, to \$8000 per year effective September 1, 1958.

On motion of Mr. Brody, seconded by Mr. Rouse, it was voted to approve the Resignations, Leaves, Appointments, Transfers and Salary Increases.

Miscellaneous

1. Reappointment of E. A. Carlin as Dean of the Basic College on a permanent basis, effective immediately.
2. Change in status of Elizabeth Rusk, Director of the Preparatory English Program, from a 10-month basis at a salary of \$7100 to a 12-month basis at a salary of \$8600 per year, effective September 1, 1958.
3. Correction in the appointment of Anne C. Garrison, Instructor in the Bureau of Business and Economic Research, from a 1-year appointment to a 2-year appointment ending August 31, 1960.
4. Change Alfred L. Edwards from half-time Economics and half-time Bureau of Business and Economic Research to half-time Economics and half-time Continuing Education effective September 1, 1958 and paid one-half from 11-3711 and one-half from 71-2215.
5. Designation of Emery G. Foster as Acting Director of the School of Hotel, Restaurant and Institutional Management, effective August 12, 1958.
6. Change Joseph W. Thompson from the Department of Marketing and Transportation Administration to Assistant to the Director of the School of Hotel, Restaurant, and Institutional Management with a salary increase from \$7200 to \$12,000 per year on a 12-month basis, effective Aug. 12'58.
7. Reinstatement of Milton B. Dickerson as Head of the Department of Insurance, Law and Real Estate Administration at a salary of \$12,250 per year on a 12-month basis, effective August 27, 1958. Dr. Dickerson has been assigned to the Brazil Project for the past two years.
8. Change in salary source for John L. Hazard, Professor of Marketing and Transportation Administration, from University General to 50% University General 11-3241 and 50% Ford Foundation funds 71-2240 effective for one year beginning September 1, 1958.
9. Reinstatement of Ole S. Johnson as Associate Professor of Marketing and Transportation Administration, effective September 1, 1958. Dr. Johnson has been assigned to the Brazil Project for the past four years.
10. Change Dalton Edward McFarland to full time Associate Professor of Personnel and Production Administration at a salary of \$9000 per year on a 10-month basis, effective September 1, 1958. Dr. McFarland has been assigned part-time to the Labor and Industrial Relations Center.
11. Assignment of the time of Wesley R. Fishel, Associate Professor of Political Science, as follows:
 - a. Half-time to International Programs account 71-2240 and half-time to the Viet-Nam Project account 11-4083, effective from September 1 to December 31, 1958
 - b. Half-time to the Viet-Nam Project account 71-2229 and half-time to Political Science account 11-3351 effective from January 1 to June 30, 1959.
12. Change in pay for summer work for John T. McCall, Associate Professor of Applied Mechanics from \$1260 to \$472.50.
13. Change in pay for summer work for T. H. Wu, Associate Professor of Civil Engineering, from \$1665 to \$1110.
14. Change in status of Adolph E. Smith, Instructor in Electrical Engineering, from full time to three-fourths time with a salary change from \$5800 to \$4350 per year on a 10-month basis, effective September 1, 1958.
15. Change Richard J. Reid from full-time in Electrical Engineering at a salary of \$6350 on a 10-month basis to half-time in Electrical Engineering and half-time in the Computer Laboratory (11-4731) at a salary of \$7800 per year on a 12-month basis, effective September 1, 1958 and paid equally from each account.
16. Change in status of Mary C. Kroodsma, Instructor in Foods and Nutrition, from full time at a salary of \$5200 to half-time at a salary of \$2600 per year, effective September 1, 1958.
17. Change in status of Jacquelyn Williams, Instructor in Foods and Nutrition, from full time at a salary of \$5200 to half-time at a salary of \$2600 per year, effective September 1, 1958.
18. Designation of Stanley Howell as Acting Head of the Department of Foreign Languages at an additional salary of \$100 per month, effective September 1, 1958 for the period that he serves in this capacity.
19. Recommendation that Harold T. Walsh, Instructor in Philosophy, be placed under the tenure system effective as of September 1, 1958.

Salary inc.

E.A. Carlin
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CollegeEliz. Rusk
ch. 12 moCorrection
appt. Anne
GarrisonCh. Alfred L.
Edwards to $\frac{1}{2}$
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EducE G. Foster
Act. Dir.
HotelJ.W. Thompson
ch. to Asst.
Dir. HotelReinstate.
M.B. Dickerson
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John L.HazardReinstatement
Ole S.JohnsonD.E. McFarland
ch. to Person.
& Production
Adm.Approval
assignment
Wesley FishelCh. summer wk
pay John
McCallCh. summer wk
pay T.H. WuCh. status
Adolph SmithCh. Richard
Reid to $\frac{1}{2}$ E.E.
 $\frac{1}{2}$ - Comp LabCh. Mary
Kroodsma to
 $\frac{1}{2}$ timeCh. Jacquelyn
Williams to
 $\frac{1}{2}$ timeStanley Howell
Act. Head
For. Lang.Harold Walsh
placed under
tenure

Miscellaneous, continued

- J. Samora pd Soc. Res. Ser. Sept. 1958
Correct sal. source Archie Haller
Wm. Form assigned 1/3 time L I R C
Date lve John Newman ch.
Sal. Daniel M. Seifer pd from Univ Gen.
Ch. effec. date appt. O. Chas. Press
Cont. employ. J.F. Thaden
K.R. Wurtz & Wm. Butts to receive \$400 - Clinics
Carl Frost Assigned to Brazil Proj.
Arthur E. Warner assigned to Brazil Proj.
Chas. Lawrence assigned to Brazil Proj.
Karl Wright assigned to Head Okinawa Project
Reassign. Robt Geist Okinawa Project
Richard Chapin assigned Viet-nam Project
Bronfenbrenner, B. Smith and F. Wickert pd Inst. Res. Overseas Prog.
Promotions approved
D E. Hathaway
R.C. Nicholas
H. Davidson
G. Swarthout
Al.L. Edwards
Carl T. Brehm
Frank Pinner
Roy Niemeyer
20. Cancellation of the June 13, 1958 action providing that the salary of Julian Samora, Assistant Professor of Sociology and Anthropology, be paid from the Social Research Service budget for the month of September 1958.
 21. Correct the June 13, 1958 action providing for additional pay for summer work for Archie O. Haller, to read: "Approval of paying the salary of Archie O. Haller, Associate Professor of Sociology and Anthropology, from account 71-2240 from July 1 to August 31, 1958".
 22. Reassignment of William H. Form, Professor of Sociology and Anthropology, one-third time to the Labor and Industrial Relations Center from September 1, 1958 to August 31, 1959 with one-third of his salary paid from account 11-9521.
 23. Change the dates of leave of absence for John P. Newman, Assistant Professor of Microbiology and Public Health, to cover the period from September 1, 1958 to August 31, 1959.
 24. Recommendation that the salary of Daniel M. Seifer, Coordinator in Continuing Education, be paid entirely from University General account 11-5611 effective July 1, 1958.
 25. Change in the effective date of the appointment of O. Charles Press, Assistant Professor of Political Science and Continuing Education, from September 1, 1958 to August 16, 1958.
 26. Continuation of the employment of John F. Thaden in Continuing Education at a salary of \$4200 per year, effective from July 1, 1958 to June 30, 1959, and paid from account 21-2902. This is in addition to retirement pay.
 27. Correction in action of May 1, 1958, providing for additional pay for summer work in the Counseling Clinics for Kenneth R. Wurtz, Instructor in Psychology, and William G. Butt, Assistant Professor of Communication Skills. They are to receive \$400 each for working in the Clinics beginning July 1, 1958, rather than June 23, 1958. They will each receive \$100 from the Labor payroll for work during the week of June 23.
 28. Assignment of Carl F. Frost, Associate Professor of Psychology, to the Brazil Project at a salary of \$14,600 per year on a 12-month basis, effective from September 1, 1958 to August 31, 1960, and paid from account 71-2227. This cancels the sabbatical leave previously granted Dr. Frost.
 29. Assignment of Arthur E. Warner, Associate Professor of Insurance, Law, and Real Estate Administration, to the Brazil Project at a salary of \$11,700 per year on a 12-month basis, effective August 25, 1958, and paid from account 71-2227.
 30. Assignment of Charles Lawrence, Associate Professor of Accounting and Financial Administration, to the Brazil Project at a salary of \$12,100 per year on a 12-month basis, effective from August 1, 1958 to July 31, 1960, paid from account 71-2227.
 31. Assignment of Karl T. Wright, Professor of Agricultural Economics, as Head of the Okinawa Project at a salary of \$11,800 per year, effective from August 1, 1958 to July 31, 1960, paid from account 71-2230.
 32. Reassignment of Robert J. Geist, Associate Professor of English, to the Okinawa Project at the same salary of \$10,300 per year on a 12-month basis, effective from October 1, 1958 to September 30, 1959 paid from the Kellogg Grant.
 33. Assignment of Richard E. Chapin, Associate Librarian, to the Viet-Nam Project at a salary of \$11,500 per year on a 12-month basis, effective from September 1, 1958 to December 7, 1958, paid from account 71-2229.
 34. Recommendation that the following staff members who are assigned to the Institute of Research on Overseas Programs be paid as follows:
 - a. Martin Bronfenbrenner--Additional pay of \$2500 plus 10% for overseas duty from June 16 to August 31, 1958; and \$10,000 per year plus 10% for overseas duty from September 1 to December 31, 1958.
 - b. Bruce L. Smith--Additional pay of \$902 per month from June 16 to August 31, 1958, plus 15% while overseas; and \$9020 per year from September 1, 1958 to December 31, 1958, plus 15% while overseas.
 - c. Frederic Wickert--Additional pay of \$890 per month plus 10% for overseas duty from June 16 to August 31, 1958; and \$8900 per year plus 10% for overseas duty from September 1 to December 31, 1958.
 35. Promotions are recommended as follows:
 - a. Dale E. Hathaway, to Professor (Res) of Agricultural Economics and a salary increase from \$10,600 to \$11,500 effective August 1, 1958.
 - b. Richard C. Nicholas, to Assistant Professor (Res.) of Agricultural Engineering, July 1, 1958.
 - c. Harold Davidson, to Assistant Professor (Res.) of Horticulture, effective July 1, 1958.
 - d. Glendon Swarthout, to Associate Professor of Communication Skills, September 1, 1958.
 - e. Alfred L. Edwards, to Assistant Professor of Economics with a salary increase from \$5500 to \$5600 per year, effective September 1, 1958.
 - f. Carl T. Brehm, Jr., to Assistant Professor of Economics with a salary increase from \$5500 to \$5600 per year effective September 1, 1958.
 - g. Frank A. Pinner, to Associate Professor of Political Science and Director of the Governmental Research Bureau with a salary increase from \$8200 to \$9500 per year, effective Aug. 1, 1958.
 - h. Roy K. Niemeyer, to Asst. Prof. Health, Phys. Edu. and Rec., September 1, 1958

NEW BUSINESS, continued

Miscellaneous, continued

36. Additional pay for work during the summer for the following members of the staff:

Irvin J. Lehmann, Instructor in Evaluation Services, \$397.50 from 71-2277
 George C. Williams, Assistant Professor of Natural Science, \$1182 from 71-2285
 John Mathis, Assistant Professor of Physics and Astronomy, \$1260 from 71-2288
 Adolph E. Smith, Instructor in Electrical Engineering, \$360 from 71-2387
 Harold Hart, Professor of Chemistry, \$600 from 71-2385
 John C. Speck, Assistant Professor of Chemistry, \$480 from National Institutes of Health Grant recently received

Add. pay for summer work

37. Report of the death of Paul DeKoning, Associate Professor of Applied Mechanics, on June 20, 1958. Mr. DeKoning was born on February 3, 1914, and had been a member of the staff since September 1, 1940.

Report of death of Paul DeKoning

38. Report of the death of Edwin R. Gilson on July 15, 1958. Mr. Gilson was born on August 18, 1887, was first employed by the University on February 23, 1932, and was on the Buildings and Utilities staff at the time of his retirement on January 1, 1952.

Report of death of Edw. R. Gilson

39. Report of the death of John M. Cuson on June 28, 1958. Mr. Cuson was born on September 8, 1880, was first employed by the University on May 1, 1931 and was on the Buildings and Utilities staff at the time of his retirement on July 1, 1946.

Report of death of John Cuson

40. Report of the death of Lloyd B. Sholl, Professor of Veterinary Pathology, on July 14, 1958. Dr. Sholl was born on January 30, 1894, and had been a member of the staff since Sept. 1, 1924.

Report of death Lloyd B. Sholl

41. Recommendation that the widow of Dr. L. B. Sholl receive his salary through June 15, 1959, which is the date he became ill.

Widow to receive yr's salary.

On motion of Mr. Rouse, seconded by Mr. Stevens, it was voted to authorize the preparation of an illuminated scroll on the death of Dr. Sholl to be presented to the widow and a copy spread upon the permanent records. (See Resolutions Book)

Resolution to be presented widow

42. Recommendations from the Personnel Director as follows:

Approval several recommendations Dir. Personnel

- Establishment of a Secretary-Departmental I position in the College of Communication Arts, paid from account 71-2242.
- Establishment of a half-time Clerk-Stenographer I position in Administrative and Educational Services to replace a one-third time Secretary-Departmental II.
- Reclassification of a Secretary-Departmental II to a Secretary-Executive position in the Scholarship Office.
- The following positions at Michigan State University-Oakland:
 - Secretary-Departmental II paid from 11-4211
 - Secretary-Departmental II paid from 11-5611
- Establishment of a Librarian IV position in Continuing Education, paid from 71-2215
- Establishment of a Hospital Manager V position at the Health Center and Elimination of a Supervisor IV position.

Name Poultry Husbandry changed to Poultry Science Gov. Res. Bur ch. to Bur Soc & Pol. Res. Cont. Educ. to charge add. fees

43. Recommendation from the Administrative Group that the name of the Department of Poultry Husbandry be changed to the Department of Poultry Science, effective August 1, 1958.

44. Recommendation that the name of the Governmental Research Bureau be changed to the Bureau of Social and Political Research, effective August 1, 1958.

45. Recommendation that the Continuing Education Service be permitted to charge additional fees beyond the \$9 per credit hour which has previously been authorized in order that teaching materials can be paid for on a self-liquidating basis.

46. It is recommended that effective for the fall of 1958 we make the following changes in the policies governing the Student Health Center:

Approval new policies re: Health Ctr

- That we discontinue the charge of 25 cents made to each student visiting the clinic
- That we instigate a policy of charging for all drugs that are dispensed to students at cost plus a reasonable handling charge.
- That we instigate a policy of making a charge at approximately cost for X-ray and other unusual treatment procedures.

Approval s.s. payroll

47. Approval of the Summer School payroll for the last three weeks of the 9-week session and the August workshops in the total amount of \$93,919.34.

Approval granting degrees s.s.

48. Approval of granting the appropriate degrees to those students who according to the records of the Registrar have completed the requirements for graduation at the end of the 1958 summer school. (As per list on file in Registrar's office).

49. Workmen's Compensation Report for the period January 1 to June 30, 1958, as follows:

| | |
|---------------------------------------|-------------|
| Amount Paid in Excess of Compensation | \$ 2,855.54 |
| Amount paid as Compensation | 5,757.92 |
| MSU Health Center Charges | 3,387.00 |
| Off Campus Medical Service | 2,158.00 |

Report Workmen's Compensation payments

50. Communication from Leon P. Clark of the Clark Construction Company requesting permission to bid on future buildings to be constructed by the University.

No action on request Leon Clark

No action.

NEW BUSINESS, continuedMiscellaneous, continued

Bid site const.
Men's Intra.
Clet to Kutchins
Const. Co.

51. Bids were taken on July 22 for site construction for the Men's Intramural Building, as follows:

| | |
|----------------------------------|-------------|
| Kutchins Construction Company | \$32,078.60 |
| Hanel-Vance Construction Company | 35,088.90 |
| Kegle Construction Company | 35,843.87 |
| Brayton Construction Company | 37,230.65 |

It is recommended that the contract be let to the low bidder, the Kutchins Construction Company, in the amount of \$32,078.60.

52. The 36th Annual Meeting of the Association of Governing Boards of State Universities and Allied Institutions will be held at Purdue University on October 15-18.

Letter from
Comm. of Agric.

53. Communication from G. S. McIntyre, Director of the Michigan Department of Agriculture, as follows:

"Recently our laboratory building constructed on Harrison Road was completed and the Animal Pathology Laboratory located in Giltner Hall and the Plant Pathology Laboratory located in the Natural Science Building were moved to the new laboratory.

I want to take this method of expressing to you, the State Board of Agriculture, and to members of your staff, the appreciation of the members of the Commission of Agriculture and the staff of the Department of Agriculture for the cooperation we have received during the past several years while these laboratories have been located in University building.

This fine cooperation has not only greatly assisted us in carrying out our responsibilities but it has been a real benefit to the people of the State of Michigan."

Letter from
Dr. V.G. Grove

54. The following communication has been received from Vernon G. Grove, Professor Emeritus of Mathematics:

"It has been a rewarding experience for me to have been associated with Michigan State during these formative years from 1920 to 1958. I hope I have made some impact of importance on the students, faculty, and institution during my stay here.

Please accept my thanks for the Diploma of Merit, and the title of Professor Emeritus conferred upon me on my retirement. Please transmit my appreciation to the State Board of Agriculture."

Gifts and
Grants

Gifts and Grants

1. Gifts have a total estimated value of \$18,903.56 from various donors for the University Museum.
2. Gift of a used fruit feeder valued at \$500 from The Creamery Package Manufacturing Company of Chicago to be used in Agricultural Engineering.
3. Gift of two pictures valued at \$95 from the J. J. Garrison Memorial Fund for the Kresge Art Center.
4. Teaching materials valued at \$39.65 from The Judy Company of Minneapolis, Minnesota to be used in Teacher Education.
5. Teaching materials valued at \$18.30 from Scott-Foresman and Company of Chicago to be used in Teacher Education.
6. One set of the Universal Standard Encyclopedia valued at \$24 from the Standard Reference Works Publishing Company of New York City to be used in Teacher Education.
7. Scholarship Grants as follows:
 - a. \$100 from the American Society for Metals Foundation of Cleveland, Ohio, to be added to the previous gift to increase the amount from \$400 to \$500 for the 1958-59 year.
 - b. To establish new scholarships:
 - (1) \$50 from the Michigan Farm Equipment Association of Grand Rapids to be used in training key personnel in the Farm Equipment-Service and Sales course
 - (2) \$500 from Chemstrand Corporation of Decatur, Alabama, to establish a Chemstrand Corporation Scholarship. Recipients are to be citizens of the U.S., and superior and deserving students majoring in chemistry who will be seniors in 1958-59.
 - (3) \$500 from Archer Daniels Midland Company of Minneapolis to establish a scholarship in the Chemistry Department for 1958-59.
 - c. Grants to provide funds for the Cooperative Counselor Training Scholarships for the summer of 1958:
 - (1) \$500 from the Detroit Edison Company
 - (2) \$100 from The Budd Company
 - (3) \$100 from the Peoples Outfitting Company
 - (4) \$200 from Excello Corporation
 - (5) \$600 from the Holley Carburetor Company, the Michigan Consolidated Gas Company and the Socony Mobil Oil Company
 - (6) \$1300 from the J. L. Hudson Company, the S.S. Kresge Company, the Cunningham Drug Company, the Fenestra Company, and the National Bank of Detroit
 - (7) \$200 from Sam's Incorporated of Detroit

NEW BUSINESS, continuedGifts and Grands, continuedGifts and
Grants

7. Scholarship Grants as follows, continued:

d. To continue previously established scholarships:

- (1) \$4000 from The Statler Foundation of New York City for the Statler Foundation Scholarship Fund.
- (2) \$1500 from each of the following to support the Grocery Manufacturers' Scholarship program, \$1000 from each check to be deposited in the scholarship account 31-3219 and \$500 in the National Association of Food Chains account 71-2549:

| | |
|---|------------------------------------|
| Proctor and Gamble Fund of Cincinnati, Ohio | Star Kist Foods |
| Gerber Baby Foods Fund | General Mills, Inc. of Minneapolis |
| Kimberly-Clark Foundation | Kellogg's of Battle Creek |
| Pet Milk Co. of St. Louis, Mo. | Jerry Tyler Foundation of Niles |
| Illinois Canning Company | Thomas J. Lipton |
| Hopp Press | Philip Morris |
- (3) \$500 from Duncan Hines of Bowling Green, Kentucky, for the Duncan Hines Scholarship.
- (4) \$200 from The Chicago Farmers of Chicago
- (5) For the Michigan Bankers' Association Short Course Scholarship Fund:
 - (a) \$ 50 from Chemical State Savings Bank of Midland
 - (b) \$100 from Union Bank and Trust Company of Grand Rapids
- (6) \$66 from the Wayne County Home Demonstration Councils for the Emma DuBord Scholarship in Home Economics
- (7) \$1500 from The Borden Company Foundation, Inc., of New York City for the Borden Scholarship Award in Veterinary Medicine
- (8) \$1000 from the Harrison Jules Louis Frank and Leon Harrison Frank Memorial Corporation of Detroit to support the Frank Memorial Scholarship to be known as the Bulldog Electric Products Company Scholarship, \$500 to continue the present scholarship and \$500 to be awarded to a new student.
- (9) \$750 from The Kroger Company of Cincinnati, Ohio, to continue the freshmen scholarship in Home Economics
- (10) \$750 from The Kroger Company to continue three scholarships in the College of Agric.

e. To provide financial aid for specified students:

- (1) \$500 from the African-American Institute of Washington, D.C. for two students
 - (2) \$200 from Wayne Memorial High School of Wayne, Michigan
 - (3) \$300 from William J. Cook Fund of Chicago
 - (4) \$500 from The Detroit Free Press
 - (5) \$636 from William G. Campbell of the Foreign Film Foundation of Santa Ana, California
 - (6) \$300 from Omega Psi Phi
 - (7) \$600 from The Henry H. Arnold Educational Fund of Washington, D.C.
 - (8) \$636 from the Foreign Student Foundation of Denton, Texas
 - (9) \$500 from the Ralston-Purina Company of St. Louis, Missouri
8. Grant of \$596.50 from The Christman Company of Lansing to be credited to the George J. Grof Loan Fund to establish a student loan fund in memory of George J. Grof.
 9. Grant of \$50 from the Association of Southern Michigan Road Commissioners of Howell to be used for student loans from the Tau Beta Pi Loan Fund.
 10. Grant of \$1647.97 from various contributors to be used to establish the J. M. "Mac" Moore Student Loan Fund.
 11. Grant of \$750 from present and former faculty of the College of Home Economics to be used as a student loan fund, preferably for outstanding junior and senior students in the College of Home Economics. This fund was given in honor of Dr. Irma H. Gross.
 12. Gift of \$19 from Joseph Hoffman of the class of 1957 to be used to purchase a \$25 United States Savings Bond to be given to a senior student majoring in journalism.
 13. Renewal of a memorandum of agreement with the Newton Agricultural Extension Association of Marshall covering a grant of \$3250 to be used under the direction of P. A. Miller in the Extension Service to assist in the continued cost of the Intensive Agricultural Extension program.
 14. Renewal of a memorandum of agreement with the Board of Supervisors of Midland County covering a grant of \$2000 to be used under the direction of P. A. Miller for the continued employment of a fourth county extension agent in Midland County.
 15. Approval of a memorandum of agreement with the Alpena County Board of Supervisors covering a grant of \$2000 to be used under the direction of P. A. Miller to cover part of the salary of a 4-H Club Agent in Alpena County.
 16. Approval of a memorandum of agreement with the Washtenaw County Board of Supervisors covering a grant of \$2000 to be used under the direction of P. A. Miller as a contribution toward the salary of a 4-H Club agent in Washtenaw County.
 17. Renewal of a memorandum of agreement with the Ingham County Board of Supervisors covering a grant of \$4000 to be used under the direction of P. A. Miller to continue the agents in Home Economics and 4-H Club work in Ingham County.
 18. Renewal of a memorandum of agreement with the Michigan Bell Telephone Company of Detroit covering a grant of \$3500 to be used under the direction of R. G. Mawby in 4-H Clubs as a contribution toward the expenses of 1958 4-H Conservation Camp at Camp Shaw.

NEW BUSINESS, continuedGifts and
GrantsGifts and Grants, continued

19. Renewal of a memorandum of agreement with the National Science Foundation of Washington, D. C., covering a grant of \$16,100 to be used under the direction of Harold M. Sell in Agricultural Chemistry to study the biochemistry of natural and synthetic growth substances as applied to higher plants. The agreement provides for a special graduate research assistant.
20. Approval of a memorandum of agreement with the National Pickle Packers Association of Chicago covering a grant of \$4220 to be used under the direction of D. E. Hathaway and G. L. Johnson in Agricultural Economics to determine hourly earnings of migrant labor in pickle harvesting and to evaluate the approved formula for reimbursement of farm labor in pickle harvesting.
21. Approval of a memorandum of agreement with United Cooperatives, Inc., of Alliance, Ohio, covering a grant of \$5200 to be used under the direction of A. W. Farrall in Agricultural Engineering to analyze the requirements of a packaged poultry house and to design and develop basic plans for a package, including building and equipment, which can be sold complete for a fixed price. The agreement provides for a special graduate research assistant.
22. Grant of \$228.40 from friends of George Amundson to be used under the direction of A. W. Farrall in Agricultural Engineering to finance the George Amundson award for 4-H handicraft.
23. Approval of a memorandum of agreement with the State Association of Mutual Insurance Companies of Lansing covering a grant of \$5000 to be used under the direction of A. W. Farrall in Agricultural Engineering to carry on a comprehensive farm safety and fire prevention program.
24. Grant of \$3500 from The Upjohn Company of Kalamazoo to be used under the direction of M. J. Gordon in Dairy to support research on the physico-chemical characteristics of mammalian reproductive processes in relation to sex control.
25. Approval of a memorandum of agreement with the Michigan Artificial Breeders Cooperative, Inc., of East Lansing covering a grant of \$7500 to be used under the direction of E. L. Willett and M. J. Gordon in Dairy for reproductive experiments.
26. Renewal of a memorandum of agreement with the American Dehydrators Association of Kansas City, Missouri, covering a grant of \$5000 to be used under the direction of C. A. Lassiter and C. F. Huffman in Dairy to obtain information on the value of dehydrated alfalfa pellets as a supplement to a grain-corn silage ration for milk production.
27. Renewal of a memorandum of agreement with the East Central Breeders Cooperative, the Tri-State Breeders Cooperative, the Southern Wisconsin Breeders Cooperative, the Badger Breeders Cooperative, the Consolidated Breeders Cooperative, and the National Association of Artificial Breeders covering a grant of \$8000 to be used under the direction of M. J. Gordon in Dairy to support reproductive studies.
28. Approval of a memorandum of agreement with the Wyandotte Chemicals Corporation of Wyandotte covering a grant of \$600 to be used under the direction of J. M. Jensen in Dairy to study cleanability of raw milk films in 2,000 gallon raw-milk holding tanks.
29. Renewal of a memorandum of agreement with the Michigan Brewers' Association of Detroit covering a grant of \$2500 to be used under the direction of J. E. Grafius in Farm Crops for studies on barley genetics and plan breeding projects.
30. Renewal of a memorandum of agreement with the Michigan Hybrid Seed Corn Producers Association of Fairgrove covering a grant of \$10,924.80 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.
31. Renewal of a memorandum of agreement with the Michigan Seed Dealers Association of Wayland covering a grant of \$500 to be used under the direction of B. R. Churchill in Farm Crops to study seed production in forage grasses and legumes.
32. Grant of \$10,000 from the Atomic Energy Commission of Washington, D.C. to be used under the direction of R. C. Ball in Fisheries and Wildlife in a study of productivity in a stream Ecosystem. Provision is made for special graduate research assistants.
33. Renewal of a memorandum of agreement with the Michigan Water Resources Commission of Lansing covering a grant of \$3730 to be used under the direction of R. C. Ball in Fisheries and Wildlife in a study of primary production in a warm-water stream. The agreement provides for a special graduate research assistant.
34. Grant of \$500 from the Wildlife Management Institute of Washington, D.C., to be used under the direction of G. A. Petrides in Fisheries and Wildlife in a study of two cottontail rabbit population projects.
35. Renewal of a memorandum of agreement with Tee-Pak Foundation of Chicago covering a grant of \$2100 to be used under the direction of J. W. Goff in Forest Products to support a fellowship for study of thin packaging film and its effectiveness for various uses.
36. Grant of \$2000 from the Detroiter Foundation of St. Louis to be used under the direction of C. M. Edwards in Forest Products to help finance the mobile homes program.
37. Renewal of a memorandum of agreement with the Nitrogen Division of Allied Chemical and Dye Corporation of Worthington, Ohio, covering a grant of \$2500 to be used under the direction of D. P. White in Forestry to improve the quality of forest stands and plantations by application of fertilizers and soil amendments. The agreement provides for a special graduate research assistant.

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

38. Renewal of a memorandum of agreement with the Nitrogen Division, Allied Chemical and Dye Corporation of Worthington, Ohio, covering a grant of \$2500 to be used under the direction of D. P. White in Forestry to study the effect of soil amendments on tree growth and development. The agreement provides for a special graduate research assistant.
39. Grant of \$2000 from the Lake States Forest Experiment Station of St. Paul, Minnesota, to be used under the direction of D. P. White in Forestry to study hydrologic properties of forest humus types in the Lake States.
40. Grant of \$500 from the Michigan Association of Pomesters Clubs of Hart to be used under the direction of A. E. Mitchell and H. B. Tukey in Horticulture in an aerial fruit dusting experiment. Provision is made for a special graduate research assistant.
41. Renewal of a memorandum of agreement with the Chisholm-Ryder Company, Inc., of Niagara Falls, New York, covering a grant of \$240 to be used under the direction of S. K. Ries in Horticulture in a cucumber harvesting machine project.
42. Approval of a memorandum of agreement with the Michigan Food Research Association, Inc., of Benton Harbor covering a grant of \$600 to be used under the direction of A. L. Kenworthy and H. B. Tukey in Horticulture to secure and disseminate information and knowledge concerning the nutritional status of black raspberries and the relationship of these conditions to growth fruit production, and quality. Provision is made for a special graduate research assistant.
43. Renewal of a memorandum of agreement with the Victor Chemical Works of Chicago covering a grant of \$2000 to be used under the direction of R. L. Carolus and H. B. Tukey in Horticulture to study the efficiency of certain fertilizers. The agreement provides for a special graduate research assistant.
44. Grant of \$1000 from the Lafayette Clinic of Detroit to be used under the direction of E. H. Lucas in Horticulture in the development of a bioassay for blood of mentally diseased persons.
45. Renewal of a memorandum of agreement with the Naugatuck Chemical Company of Naugatuck, Connecticut, covering a grant of \$3000 to be used under the direction of S. H. Wittwer and H. B. Tukey in Horticulture in a study of the use of certain acids as flower inducing and fruit setting agents in horticultural crops. The agreement provides for a special graduate research assistant.
46. Grant of \$25,869 from the United States Department of Agriculture of Albany, California, to be used under the direction of R. K. Ringer in Poultry Science for fundamental physiological studies of poultry feather removal methods. Provision is made for special graduate research assistants.
47. Renewal of a memorandum of agreement with Armour and Company of Chicago covering a grant of \$3600 to be used under the direction of P. J. Schaible in Poultry Science to study the development of mink foods from packing house byproducts. The agreement provides for a special graduate research assistant.
48. Renewal of a memorandum of agreement with Hess and Clark, Inc., of Ashland, Ohio covering a grant of \$2500 to be used under the direction of P. J. Schaible in Poultry Science to determine possible early growth stimulating properties of NF 180 through protecting poultry from a contaminated environment.
49. Approval of a memorandum of agreement with the Distillers Feed Research Council of Cincinnati, Ohio, covering a grant of \$2500 to be used under the direction of P. J. Schaible in Poultry Science in mink nutrition studies.
40. Approval of memoranda of agreement with the Mink Farmers' Research Foundation, Inc., of Milwaukee, Wisconsin, covering grants as follows to be used under the direction of P. J. Schaible.
 - a. \$1500 to determine quantitatively the need of the various amino acids by mink
 - b. \$1500 to explore the possibility that added methionine may improve the rate and quality of fur development in mink
 - c. \$4100 for research on "Wet-belly" in mink.
51. Renewal of a memorandum of agreement with Clinton Foods, Inc., of Clinton, Iowa, to be used under the direction of P. J. Schaible in Poultry Science to find the value of corn fermentation solubles in poultry feeds. The agreement provides for a special graduate research assistant. This grant is for \$3000.
52. Approval of a memorandum of agreement with Smith Kline & French Laboratories of Philadelphia covering a grant of \$1000 to be used under the direction of Robert Ringer in Poultry Science to determine whether or not a specific tranquilizer will promote increased growth and decreased feed efficiency in broilers.
53. Grant of \$12,073 from The Ford Foundation of New York City to be used under the direction of Victor E. Smith in Economics for a faculty research fellowship in economics.
54. Renewal of a memorandum of agreement with the International Cooperation Administration of Washington, D.C., covering a grant of \$133,215 to be used under the direction of Dean Taggart in International Programs and Dean Seelye in the College of Business and Public Service to provide the funds to complete the agreement covering the activities of the School of Business Administration and the Polytechnical School in Sao Paulo, Brazil.

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

55. Renewal of a memorandum of agreement with the State of Michigan Tourist Council covering a grant of \$200 to be used under the direction of Eli P. Cox in the Bureau of Business and Economic Research to complete the Tourist Council project.
56. Approval of a memorandum of agreement with The Sperry & Hutchinson Company of New York City covering a grant of \$5000 to be used under the direction of S. C. Hollander in Marketing and Transportation Administration for research in retail economics and competition. The agreement provides for a special graduate research assistant.
57. Grant of \$2000 from the Automotive Safety Foundation of Washington, D.C., to be used under the direction of G. M. Schultz in Police Administration and Public Safety to cover the costs of a student majoring in Highway Traffic Administration.
58. Renewal of a memorandum of agreement with the Inland Daily Press Association of Chicago covering a grant of \$1400 to be used under the direction of P. J. Deutschmann in the Communications Research Center in a study of newspaper costs and revenues.
59. Renewal of a memorandum of agreement with the National Education Association of Washington, D.C. covering a grant of \$2000 to be used under the direction of Julian Smith in Administrative and Educational Services in the outdoor education program.
60. Approval of a memorandum of agreement with the Saranac Milk Company of Saranac covering their furnishing of facilities for work to be conducted by K. L. Schulze in the Engineering Experiment Station to obtain data to support the basic investigations on an experimental vertical screen trickling filter for waste treatment.
61. Grants from the National Institutes of Health in Bethesda, Maryland as follows:
 - a. \$10,000 for work under the direction of R. F. McCauley in a study of protective coatings for water distribution systems. Provision is made for a special graduate research assistant.
 - b. \$14,030 for work under the direction of K. L. Schulze for fundamental studies on waste treatment. Provision is made for special graduate research assistants.
62. Grant of \$2555 from the Detroit Edison Company to be used under the direction of Dean Ryder in the College of Engineering to create the Alex Dow Fellowship.
63. Grant of \$8950 from the Michigan Heart Association of Detroit to be used under the direction of Dean Porter, Dr. Gross, and Alice Thorpe in Home Management and Child Development in the work simplification program.
64. Grant of \$12,000 from the American Cancer Society of New York City to be used under the direction of a committee in the Division of Biological Sciences to support research projects of members of the staff concerned with cancer and cell growth and metabolism.
65. Renewal of a memorandum of agreement with the Union Carbide Corporation of New York City covering a grant of \$200 to be used under the direction of D. J. deZeeuw in Botany to help support an assistantship for the study of seed treatment and soil treatment fungicides.
66. Approval of a memorandum of agreement with the Nitrogen Division of Allied Chemical Corporation of New York City covering a grant of \$100 to be used under the direction of H. S. Potter in Botany for testing the capabilities of urea formaldehyde for the control of potato scab, damping off in Christmas trees, and fusarium root rot in rhubarb.
67. Approval of a memorandum of agreement with the Malting Barley Improvement Association of Milwaukee covering a grant of \$2500 to be used under the direction of R. L. Kiesling in Botany to study the influence of field micro-flora on the quality of malting barley.
68. Renewal of a memorandum of agreement with the Tennessee Corporation of College Park, Georgia, covering a grant of \$350 to be used under the direction of Ray Nelson in Botany to test copper fungicides and antibiotics in the control of celery and mint diseases.
69. Renewal of a memorandum of agreement with the American Cyanamid Company of New York City covering a grant of \$500 to be used under the direction of E. J. Klos in Botany to study disease control on peaches and cherries.
70. Approval of the following memoranda of agreement with Roberts Chemicals, Inc., of Nitro, W. Va:
 - a. \$200 to be used under the direction of H. S. Potter in Botany to test the effectiveness of a certain product for the control of early and late blight on celery.
 - b. \$200 to be used under the direction of M. C. Strong in Botany to evaluate the effectiveness of Amobam for control of tomato blight diseases and anthracnose.
71. Approval of a memorandum of agreement with the Michigan Bean Industry Research, Inc. of Saginaw covering a grant of \$1000 to be used under the direction of Axel Andersen in Botany to supplement bean disease investigations.
72. Approval of a memorandum of agreement with Chemagro Corporation of New York City covering a grant of \$200 to be used under the direction of H. S. Potter in Botany for studies on the control of early and late blight on potatoes and celery.
73. Renewal of a memorandum of agreement with the American Cyanamid Company of New York City covering a grant of \$1500 to be used under the direction of Gordon Guyer in Entomology in an evaluation of systemic insecticides on vegetables, forage, and field crops.

NEW BUSINESS, continued

Gifts and Grants, continued

There is no
page 4027 or
4028

Gifts and
Grants

74. Renewal of a memorandum of agreement with the National Cancer Institute of Bethesda, Maryland, covering a supplemental grant of \$384 to be used under the direction of A. S. Fox in Zoology in immunogenetic and biochemical studies.
75. Renewal of a memorandum of agreement with the Public Health Service of the National Institutes of Health covering a grant of \$5175 to be used under the direction of J. R. Shaver in Zoology in the study of the initiation of cell division.
76. Grants from the National Institutes of Health of Bethesda, Maryland, to be used in the Chemistry Department, as follows:
 - a. \$13,544 by J. C. Speck and H. A. Lillevik to investigate active cores of carbohydrates. Provision is made for special graduate research assistants.
 - b. \$20,700 by R. U. Byerrum to investigate the toxicity of cadmium and chromium in water supplies. Provision is made for special graduate research assistants.
 - c. \$12,494 by G. L. Kilgour to study inositol phosphates. Provision is made for special graduate research assistants.
 - d. \$11,477 by R. U. Byerrum for a study entitled "Carbon Dioxide to Methyl Groups in Photosynthesis". Provision is made for special graduate research assistant.
 - e. \$9,085 by R. U. Byerrum and E. H. Lucas (in Horticulture) for the isolation and characterization of tumor inhibitors from Boletus edulis.
7. Grants from the Atomic Energy Commission of Lemont, Illinois, to be used in the Chemistry Department, as follows:
 - a. \$11,661 by Max T. Rogers for a physico-chemical investigation of the inter-halogen compounds. Provision is made for special graduate research assistants.
 - b. \$5,595 by J. L. Fairley to study the role of various aliphatic acids in phrimidine biosynthesis. Provision is made for special graduate research assistants.
78. Grant of \$3000 from the Schering Corporation of Bloomfield, New Jersey, to support a fellowship for a doctoral candidate, \$2355 to be used for the fellowship and \$645 to be used by the Department.
79. Grant of \$2000 from The Upjohn Company of Kalamazoo to be used in the Chemistry Department to support a fellowship for a graduate student in organic chemistry.
80. Grant of \$6984 from the Tobacco Industry Research Committee of New York City to be used under the direction of R. U. Byerrum in Chemistry in a study of the biosynthesis of the pyridine ring of nicotine. Provision is made special graduate research assistants.
81. Grant of \$4295 from the Research Corporation of New York City to be used under the direction of Richard Schwendeman in Chemistry for intensity measurements in microwave spectroscopy.
82. Grant of \$25,000 from the Office of Naval Research of Washington, D.C., to be used under the direction of E. A. Hiedemann in Physics and Astronomy in the development of optical methods for absolute measurements of sound pressure in liquids.
83. Renewal of a memorandum of agreement with the Office of Ordnance Research of Durham, North Carolina, covering a grant of \$12,000 to be used under the direction of E. A. Hiedemann in Physics and Astronomy in a study of the wave form and absorption of ultrasonic waves in liquids. Provision is made for apseicl graduate research assistants.
84. Renewal of a memorandum of agreement with the Air Force Office of Scientific Research of Washington, D.C., covering a grant of \$22,296 to be used under the direction of F. J. Blatt in Physics and Astronomy in theoretical studies of transport properties of solids. Provision is made for special graduate research assistants.
85. Grant of \$26,000 from the National Science Foundation of Washington, D.C., to be used under the direction of C. D. Hause and T. H. Edwards in Physics and Astronomy to investigate the near infrared spectra of some symmetric and asymmetric molecules and to obtain magnetic rotation spectra of some diatomic molecules. Provision is made for special graduate research assistants.
86. Grant of \$10,427 from the Public Health Service of Bethesda, Maryland, to be used under the direction of L. C. Twyford in the Highway Traffic Safety Center and Audio-Visual Aids to investigate features of traffic films. Provision is made for special graduate research assts.
87. Renewal of a memorandum of agreement with the National Institutes of Health of Washington, D.C. covering a grant of \$9200 to be used under the direction of Milton Rokeach in Psychology to assist in studies on the organization and modification of belief systems. Provision is made for special graduate research assistants.
88. Grant of \$36,685 from an anonymous donor to be used under the direction of H. H. Anderson in Psychology to complete the current research in creativity. Provision is made for special graduate research assistants.
89. Grants from the National Science Foundation in Washington, D.C., to be used in Psychology Department as follows:
 - a. \$50,900 by S. H. Bartley in studies of brightness vision. Provision is made for special graduate research assistants.
 - b. \$11,000 by Paul Bakan in studies of figural after-effects. Provision is made for special graduate research assistants.

numbers
4027-
4028
omitted

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

90. Grants as follows to be used in the Science and Mathematics Teaching Center as contributions to the School Administrators Science Workshop:
 - a. \$400 from Ransom Fidelity Company of Lansing
 - b. \$200 from Oldsmobile Division of Lansing
91. Grant of \$50 from the Women's Auxiliary to the Southeastern Michigan Veterinary Medical Association of Dearborn to be used under the direction of Dean Armistead for instruments and books.
92. Renewal of a memorandum of agreement with the National Institutes of Health of Bethesda, Maryland, covering a grant of \$4600 to be used under the direction of H. L. Sadoff in Microbiology and Public Health in a study of the mechanism of heat resistance in bacterial spores. Provision is made for a special graduate research assistant.
93. Grant of \$12,897 from the American Cancer Society, Inc., of New York City to be used under the direction of W. N. Mack in Microbiology and Public Health for the isolation of a virus from wart tissue. Provision is made for special graduate research assistants.
94. Grant of \$2500 from Eaton Laboratories of Norwich, New York, to be used under the direction of W. V. Lumb in Surgery and Medicine to provide facilities for a research program.
95. Renewal of a memorandum of agreement with the Michigan Artificial Breeders Cooperative of East Lansing covering a grant of \$16,369.78 to be used under the direction of C. C. Morrill and C. W. Duncan in Veterinary Pathology and Agricultural Chemistry in a study of reproductive disorders of livestock, especially cattle. Provision is made for a special graduate res. asst.
96. Grant of \$1800 from Smith Kline and French Laboratories of Philadelphia to be used under the direction of C. K. Whitehair in Veterinary Pathology and G. A. Branaman in Animal Husbandry to determine the effects of tranquilizing agents on growth, feed efficiency, and general performance in beef cattle.
97. Renewal of a memorandum of agreement with the United States Department of Defense of Washington, D. C., covering a grant of \$159,970 to be used under the direction of G. L. Taggart in International Programs to continue the project at the University of the Ryukyus.
98. Grant of \$2900 from the Canadian National Museum of Ottawa, Canada, to be used under the direction of Moreau Maxwell in the Museum to pay salary and other expenses for an expedition to Ellesmere Island.
99. Grant of \$550 from Donald O. Buell of East Lansing to be used under the direction of Robert Toll in the MSU Development Fund to start the Van Damm Theater-Photograph Division of the Don Buell Theater Collection. This includes \$500 received by Mr. Buell as winner of the Distinguished Teacher's Award for 1958, and \$50 from a speech he made.
100. Grant of \$1000 from The Rockefeller Foundation of New York City to be used as an unrestricted grant to the University because of a Rockefeller Foundation Fellow studying here in 1957-58.

Approval Alt. Reports for Board Members
and Imp.
projects

1. The following alteration and improvement projects have been approved since the June Board meeting:

| | |
|---|---------|
| a. Replace floor, Room 1, Morrill Hall | \$2,200 |
| b. Repair main near Demonstration Hall | 600 |
| c. Relocate spotlight rail and new glazing, Auditorium | 670 |
| d. Improve lighting Room 310, Agriculture Hall | 1,200 |
| e. Install condensate pump at Plant Science Greenhouses | 1,000 |
| f. Ventilate Room 40, Physics-Mathematics Building | 500 |
| g. Repair steam vault No. 38, Giltner Hall | 1,400 |
| h. Ventilate Room 269, Giltner Hall | 1,700 |
| | \$9,270 |
2. Additional payments to salaried employees, as per list on file.

On motion of Mr. Brody, seconded by Mr. Vanderploeg, it was voted to approve all Miscellaneous items not already acted upon, Gifts and Grants and the Reports for Board members.

ADDITIONAL ITEMS

Resignations

Resignations and Terminations

1. Albert A. Rosenfeld, Associate (Res.) Viet-Nam Project, August 24, 1958.

Leaves

Leaves--Health

1. Elwin L. Willett, Associate Professor (Res.) of Dairy with full pay July 18, 1958 to January 17, 1959.

Leaves--Military

1. James Ivan Burrell, Custodian I, Health Service, without pay from August 11, 1958 to June 30'59.

ADDITIONAL ITEMS, continued

Leaves--Other

1. Bernhard C. Lemke, Professor of Accounting and Financial Administration, without pay from February 1, 1959 to June 30, 1959 to conduct a course in Turin, Italy.
2. Donald Hayworth, Professor of General Communication Arts, without pay from September 1, 1958 to November 30, 1958. (Partisan politics).

Appointments

1. Ruth Barrett, Instructor in Communication Skills at a salary of \$950 for the period September 1, 1958 to December 31, 1958.
2. Lyssa Harper, Instructor in Communication Skills, at a salary of \$1400 for the period September 1, 1958 to December 31, 1958.
3. Elinore Winburne, Instructor in Communication Skills, at a salary of \$4200 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
4. Donald John Bowersox, Instructor (Res.) in Marketing and Transportation Administration at a salary of \$3250 per year on a 12-month basis effective September 1, 1958 to August 31, 1959.
5. Stanley T. Gabis, Assistant Professor of Political Science and Assistant Coordinator Viet-Nam Project at a salary of \$7800 per year on a 12-month basis effective August 15, 1958, to Aug. 14, 1959.
6. Brice Howard, Lecturer in Communication Arts at a salary of \$8100 per year on a 10-month basis effective September 1, 1958 to August 31, 1959.
7. Geraldine Seth Welden, Instructor in Communication Arts at a salary of \$650 for the period September 1, 1958 to December 31, 1958.
8. Martin Glen Keeney, Instructor (Res.) in the Computer Laboratory at a salary of \$5300 per year on a 12-month basis effective September 1, 1958.
9. Shantilal C. Patel, Instructor in Civil Engineering at a salary of \$1480 for the period September 1, 1958 to December 31, 1958.
10. Robert K. L. Wen, Assistant Professor of Civil Engineering, at a salary of \$8700 per year on a 12-month basis effective February 15, 1959.
11. Kaye L. Motz, Instructor (Res.) in Chemistry at a salary of \$425 per month from September 1, 1958 to February 28, 1959.
12. Arnold S. Carson, Instructor in the Counseling Center, at a salary of \$240 per month from September 1, 1958 to June 30, 1959.
13. William H. Crawford, Instructor in the Counseling Center, at a salary of \$240 per month from September 1, 1958 to June 30, 1959.
14. Marvin Schiller, Instructor in the Counseling Center at a salary of \$240 per month from September 1, 1958 to June 30, 1959.

Transfers

1. Clifford G. Hildreth, from Professor of Agricultural Economics to Professor and Head of the Department of Economics at a salary of \$17,000 per year effective September 1, 1958.

MISCELLANEOUS

1. Cancellation of leave of absence without pay for Robert H. Horwitz, Assistant Professor in the Governmental Research Bureau, and provision to pay him a salary of \$2400 from September 1, 1958 to August 31, 1959, from the Rockefeller Foundation grant (account 71-2681). He will also receive \$3600 as a fellowship from this grant.
2. Recommendation that Leonard Rall be paid a lump sum of \$666.66 for accrued leave from the Brazil Project, account 71-2227 and that he be reinstated as Professor of Economics at a salary of \$10,800 per year on a 10-month basis, effective September 11, 1958.
3. Recommendation that the salary of Archie R. Ayers, Associate Professor of Continuing Education be paid 100% from General Account 11-5611 from July 1 to August 31, 1958. He has previously been paid from account 11-2902.
4. Payment of \$200 to Gordon L. Kilgour, Assistant Professor of Chemistry, for work during August 1958, from National Institutes of Health Grant account 71-2297.
5. Recommendation for the transfer of a half-time Clerk-Stenographer I position in the School of Police Administration and Public Safety to the School of Social Work.
6. Bids for construction of the new office building have been received as follows:

General Contractor

| | |
|--------------------------|-----------|
| Reniger Construction Co. | \$463,950 |
| Christman Company | 480,000 |
| Granger Brothers, Inc | 480,986 |

Leaves

Appointments

Cancellation
Leave Robt.
H. Horwitz

Leonard Rall
to be pd.
\$666.66
accrued lve
Brazil Proj.

Sal. A. Ayers
pd. 100%
Gen. Acct.
July 1-Aug. 31
1958

Add. pay \$200
G. Kilgour
1/2 time Cl-Sten
trans Police
Adm. to Soc Wk

Approval of
contracts on
office bldg.
to low
bidders

continued -

ADDITIONAL ITEMS, continued

Miscellaneous, continued

Office bldg.
contracts
let.

6. Bids for construction of new office building, as follows - continued:

Mechanical

| | |
|--------------------------------|-----------|
| R. L. Spitzley Co | \$138,707 |
| United Piping & Erecting | 139,960 |
| Farrington Co. | 141,813 |
| Branz-Diehl-Lohman, Inc. | 144,400 |
| Dard, Inc. | 149,000 |
| Joslin, Inc. | 151,430 |
| Shaw-Winkler, Inc. | 153,200 |
| Delaney and Co. | 159,990 |
| C. L. Mahoney Co. | 166,580 |
| J. A. Dart Company | 167,777 |
| Great Lakes Plumbing & Heating | 181,000 |

Electrical

| | |
|----------------------------|---------|
| Hatzel & Buehler, Inc. | 99,300 |
| Union Electric Company | 110,511 |
| Barker-Fowler Electric Co. | 119,000 |
| Hall Electric Company | 121,997 |
| Lansing Electric Motors | 125,120 |
| Central Electric Motors | 131,500 |

Elevator

| | |
|--------------------------|--------|
| Independent Elevator Co. | 17,495 |
| Detroit Elevator Co. | 19,288 |
| Otis Elevator Co. | 21,962 |
| Leitelt, Inc. | 23,240 |

It is recommended that contracts be awarded to the low bidders:

| | |
|--|---------|
| General Contractor -- Reniger Construction Co. | 463,950 |
| Mechanical -- R. L. Spitzley Co. | 138,707 |
| Electrical -- Hatzel & Buehler, Inc. | 99,300 |
| Elevator -- Independent Elevator Co. | 17,495 |

Authorization is requested to place the contracts without purchase of surety bonds as all of the firms making low bids are well known and reliable.

On motion of Mr. Stevens, seconded by Mr. Brody, it was voted to approve awarding the above contracts.

Amendments to
ordinance re:
use of streets
and highways
on campus -
bicycles

7. The University attorney recommends the following amendments to the ordinance governing the use of streets and highways on the campus:

CHAPTER III - BICYCLISTS - RIGHTS AND DUTIES

Section 61. Definitions

- a. The term "bicycle" as used in this ordinance shall mean and include any one or two-wheeled device having a wheel or wheels sixteen (16) inches or greater in diameter which is propelled by human power. The term "bicycle" as used in this ordinance shall not be deemed to include vehicles propelled by a motor or engine of any kind.

CHAPTER IV - ACCIDENTS

Section 66. Duty to Stop at Scene of Accident Involving Death or Personal Injuries or Damage to Vehicles. The driver of any vehicle directly involved in an accident resulting in injury to or death to any person, or resulting in damage to a vehicle which is driven or attended by any person shall immediately stop such vehicle at the scene of such accident or as close thereto as possible, but shall then forthwith return to and in every event remain at the scene of the accident until he has fulfilled the requirements of Sections 67, 68 or 69. Every such stop shall be made without obstructing traffic more than is necessary.

.....

Section 70. Duty Upon Striking Unattended Vehicle. The driver of any vehicle which collides with any vehicle which is unattended shall immediately stop, and shall then and there either locate and notify the operator or owner of such vehicle of the name and address of the driver and owner of the vehicle striking the unattended vehicle, or if such person cannot be located, shall leave securely attached in a conspicuous place in the vehicle struck a written notice giving the name and address of the driver and of the owner of the vehicle doing the striking and a statement of the circumstances thereof, and shall report such accident as provided in Sections 68 or 69 of this ordinance.

Section 71. Duty Upon Striking Fixtures on a Street or Roadway. The driver of any vehicle involved in an accident resulting only in damage to fixtures legally upon or adjacent to a street shall take reasonable steps to locate and notify the owner or person in charge of such property of such fact, and of his name and address and of the registration number of the vehicle he is driving, and shall upon request exhibit his operator's or chauffer's license and

continued - -

ADDITIONAL ITEMS, continuedMiscellaneous, continued

7. Amendments to an ordinance governing the use of streets and highways, (bicycles) continued:

Section 71. continued:
shall make a report of such accident as provided in Section 68 of this ordinance.

THE FOREGOING PROVISIONS SHALL BE GIVEN IMMEDIATE EFFECT.

8. Discussion with the Board of the possibility of a 2-day conference for the Board and key administrative officials at the Kellogg Biological Station following a football game.

After discussion, it was decided to begin this meeting following the Pittsburgh football game on October 11 and extending through the morning of Monday, October 13.

9. Changes in the Electrical Engineering Building to take care of the Tabulating Department at a cost of \$16,460 to be charged to Alterations and Improvements, Account No. 11-5173.

Conference
of 2 days to
be held at
Kellogg
Biological
Station
Oct.11-13'58

Approval ch.
E.E. Bldg for
Tabulating

Gifts and Grants

1. Gift of hydraulic hoses and fittings valued at \$200 from the Aeroquip Corporation, Industrial Division of Van Wert, Ohio, to be used in the Department of Agricultural Engineering.

Gifts and
Grants

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

- a. \$1000 from the Farmers and Manufacturers Beet Sugar Association of Saginaw to establish a scholarship for a freshman student in agriculture from the Lower Peninsula of Michigan. The scholarship shall be used by the recipient during the freshman, sophomore, and junior years with the stipulation that a limit of approximately \$500 shall be used during the freshman year.
- b. \$500 from the Continental Oil Company of Ponca City, Oklahoma, to continue their scholarship in Chemistry for the 1958-59 academic year.
- c. \$8550 from Consumers Power Company of Jackson to continue the previously established scholarships and fellowships for the 1958-59 academic year.
- d. \$1500 from the Marathon Foundation of Menasha, Wisconsin, to be added to the Grocery Manufacturers' Scholarship for 1958-59. Of this amount, \$1000 is to be credited to the scholarship account and \$500 to departmental account 71-2549.
- e. \$700 from the Worthing Scholarship Fund of Houston, Texas, to aid a specified students.
- f. \$1000 from the Farmers and Manufacturers Beet Sugar Association of Saginaw for a student in Home Economics.

3. Grant of \$1100 from the Tri-Township Funds of Kalkaska County to be used under the direction of P. A. Miller in the Cooperative Extension Service for the continuation of the intensive agricultural extension program.

4. Renewal of a memorandum of agreement with the National Plant Food Institute of Washington, D.C. covering a grant of \$2500 to be used under the direction of R. L. Cook in Soil Science and G. L. Johnson, W. B. Sundquist, and C. R. Hoglund in Agricultural Economics to determine economic optima in fertilizing selected crops under selected conditions and under varying prices. The agreement provides for a special graduate research assistant.

5. Grant of \$3000 from The Chemstrand Corporation of Decatur, Alabama, to be used under the direction of D. J. Montgomery in Physics and Astronomy to continue the graduate fellowship for a student working on the fundamentals of static electrification.

Report for Board Members

1. Additional pay for salaried employees, as per list on file.

Additional amts
paid salaried
employees

On motion of Mr. Brody, seconded by Mr. Rouse, it was voted to approve all additional items on which action does not already appear.

The Board adjourned at 10 p.m.

Approval
recommenda-
tions Scudder,
Stevens and
Clark

FINANCE COMMITTEE ITEMS

The Finance Committee had postponed its meeting, hoping that Dr. Connor Smith would join the Board on August 21. Inclement weather delayed his plane flight so that he missed connections with the Board at Marquette. The Board met again at the Dunbar Station at 2:45 p.m. on Thursday, August 21, 1958, to act on the following items that would ordinarily come before the Finance Committee.

1. The following investments are recommended by Scudder, Stevens and Clark:

- a. Purchase of 1200 shares Oil Oil Company at \$42 for the Pension and Retirement Fund.
- b. Purchase of 800 shares United States Steel at \$66 for the Pension and Retirement Fund.

On motion of Mr. Rouse, seconded by Mr. Stevens, it was voted to approve the above recommendation of Scudder, Stevens and Clark.

Approval of
purchase of
Garrison
property on
Hagadorn Road

2. The property located on Hagadorn Road owned by Mrs. Anne Garrison has been under negotiation for some years. The property was finally offered at \$30,000. The University offered \$25,000 and Mrs. Garrison has accepted it. This property includes 2.2 acres of land and a large house.

On motion of Mr. Vanderploeg, seconded by Mr. Rouse, it was voted to approve the purchase of the above-mentioned property from Mrs. Anne Garrison.

FINANCE COMMITTEE ITEMS , continued

Approval fund transfers
1957-58 fiscal year

3. Fund transfers at the close of the 1957-58 fiscal year are recommended as follows:

| | |
|---|---------------|
| Cost of Power Plant addition not covered by legislative appropriations | \$ 151,467.40 |
| Cost of Harrison Road Sewer previously approved by Board | 150,000.00 |
| Cost of changes in sewage disposal plant previously approved by Board | 45,000.00 |
| Cost of Animal Disease Research Barn in excess of Fire Insurance recovery, previously approved by the Board | 31,000.00 |
| Deficit in land purchase account | 33,000.00 |
| Balance of cost of site and supervision work at Kresge Art Center | 40,000.00 |
| Changes authorized in TV studio equipment | 30,000.00 |
| First section of storage to house Buildings and Utilities and Grounds equipment and operations | 100,000.00 |
| Changes in incinerator in Giltner Hall | 8,500.00 |
| Repair and point chimneys | 4,900.00 |
| Repair steam tunnel lines | 5,800.00 |
| Repair sanitary sewer line, Poultry Plant | 6,000.00 |
| Alterations in Chemistry Building | 17,765.00 |
| Gravel parking area, Anthony Hall | 7,000.00 |
| Miscellaneous road repairs | 3,500.00 |
| Sidewalk, Harrison Road | 9,500.00 |
| Site work, Intramural Building to Shaw Lane | 31,000.00 |
| Improve campus lighting | 4,000.00 |
| Total | \$ 678,432.40 |

Approval agreement to be signed with Forest Akers

On motion of Mr. Brody, seconded by Mr. Vanderploeg, it was voted to approve item 3 above.

4. Following discussion of the generous action of Forest H. Akers in naming Michigan State University the sole beneficiary of his estate after providing for the personal needs of Mrs. Akers, if she survives him, the Board authorized signing of an agreement with Mr. Akers in which the Board agrees to assume responsibility for his care in the event he should become incapacitated.

Approval of Service Center To be planned by H. F. Campbell Engr. Company

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

5. Discussion of the need for a Service Center to house Buildings and Utilities and Grounds Maintenance Departments.

On motion of Mr. Vanderploeg, seconded by Mr. Rouse, it was voted to authorize Mr. May to engage the services of the H. F. Campbell Engineering Firm of Detroit for the planning and design of the first unit of the Service Center. For these services Campbell Engineering will receive 3% of the cost of the building which is estimated to cost approximately \$100,000.

Approval budget \$900,000 for Office Bldg.

6. Recommendation that the Board approve \$900,000 budget for the Office Building for which contracts were let today and authorize the officers to negotiate a loan of \$600,000 from the National Bank of Detroit and \$300,000 from the Michigan State University Pension Fund.

Terms of the loan will be as follows:

1. National Bank of Detroit - \$600,000
 - (a) 7-year loan calling for payments of \$100,000 per year
 - (b) Interest at the rate of $3\frac{1}{2}\%$
2. M.S.U. Pension Fund - \$300,000
 - (a) To be repaid in annual installments of not less than \$100,000 following payment in full of the National Bank of Detroit loan
 - (b) The interest rate on this loan to be $4\frac{1}{4}\%$.

Approval resolution re: borrowing money for Office Building

On motion of Mr. Brody seconded by Mr. Vanderploeg, it was voted to approve the above recommendation and also to approve the following formal resolution covering the \$900,000 loan, which has the approval of the University attorney:

WHEREAS, The State Board of Agriculture, in the exercise of its constitutional duties, has determined that it is necessary and expedient to construct an office building on the campus of Michigan State University, at East Lansing, Michigan, to provide space for governmental agencies and other agencies or firms carrying on research and other work relating to or performed in conjunction with the over-all educational program of the University, and

WHEREAS, this Board deems it necessary and expedient that it borrow the sum of \$900,000.00 to be used to pay costs of the construction of the office building, architects' fees, financing costs, costs of landscaping walks and drives and other expenses incidental thereto; and

WHEREAS, Ann Arbor Trust Company, of Ann Arbor, Michigan, has submitted for the consideration of this Board a form of Term Loan Agreement whereby the sum of \$600,000.00 may be borrowed from National Bank of Detroit, with principal offices in Detroit, Michigan; which sum, when taken together with \$300,000.00 to be borrowed from Trust Funds held by the Board and which it may borrow under the terms of said agreement, will be sufficient to pay all costs incidental to the construction of the office building above described.

NOW, THEREFORE, BE IT RESOLVED BY THE STATE BOARD OF AGRICULTURE that a Term Loan Agreement, substantially in the form presented to the Board, be entered into with National Bank of Detroit and Ann Arbor Trust Company, as Agent; and pursuant to the terms of which \$900,000.00 may be borrowed under the following terms:

FINANCE COMMITTEE ITEMS, continued

6. Resolution re: borrowing \$900,000 to provide funds to pay costs of Office Building, continued:

- | | |
|---|-----------------|
| 1. Amount of Loan: | \$900,000.00 |
| 2. Term of Loan: | Seven (7) years |
| 3. Date of Loan: | October 1, 1958 |
| 4. Participation in Loan: | |
| National Bank of Detroit | 600,000.00 |
| The State Board of Agriculture, Trustee | 300,000.00 |

Resolution re:
borrowing
\$900,000 for
construction
of Office
Building

(a) The participation of the National Bank of Detroit in the loan shall be evidenced by the Note of the Board, designated as Note "A", in the principal sum of \$600,000.00, which note shall be dated October 1, 1958, shall mature on October 1, 1965, and shall provide for the semi-annual payment of interest on principal indebtedness from time to time owing at the rate of $3\frac{1}{2}\%$ per annum, said interest to be paid on April 1, 1959, and October 1, 1959, and April 1 and October 1 in each year thereafter until the principal indebtedness and interest thereon shall be paid in full.

(b) The participation of The State Board of Agriculture, Trustee, in the loan will be evidenced by the Note of the Board, designated as Note "B", in the principal sum of \$300,000.00 which note shall be dated October 1, 1958, shall mature October 1, 1965, and shall provide for semi-annual payments of interest on principal indebtedness from time to time owing at the rate of $4\frac{1}{4}\%$ per annum, said interest to be paid on April 1, 1959, and October 1, 1959, and April 1 and October 1 in each year thereafter until the principal indebtedness and interest thereon shall be paid in full.

5. Payments of Interest and Principal: The Term Loan Agreement shall provide that the interest on the notes payable on April 1, 1959, and October 1, 1959, shall be paid either from the contingency fund to be established from the funds borrowed under the terms of the Term Loan Agreement, or from other available funds of the Board which it may legally use for such purposes.

The agreement shall further provide that income from the leasing of office space in the office building will commence not later than October 1, 1959, upon completion of the building and that the Board will pay to the Agent on March 1 and September 1, 1959, and March 1 and September 1 in each year thereafter until all indebtedness evidenced by Note "A" and Note "B" (including principal and accrued interest) is paid in full, a sum which shall be not less than the sum of \$50,000.00.

These payments shall be made to the Agent, shall be made from the Net Income derived from the operation of the Office Building and/or from other funds that the Board may legally use for such purpose.

The Term Loan Agreement shall provide that such semi-annual fixed payments of not less than \$50,000.00 each shall first be used to pay the interest which shall accrue and become payable on the notes on the interest payment date immediately following the date of payment to the Agent, and shall further provide that such sums as shall be paid to the Agent, and shall not be required for payment of interest, shall be used by it, first to pay all outstanding principal indebtedness owing on Note "A"; and after the principal indebtedness owing on Note "A" and the interest which shall accrue thereon is paid in full, all such semi-annual payments not required for payment of interest which shall accrue on Note "B" shall be used to reduce the principal indebtedness owing on said Note.

The Term Loan Agreement shall further provide that if the Board shall not have caused the indebtedness owing on Note "A" and Note "B" to be fully paid on or before September 1, 1965, or shall not have deposited with the Agent on or before said date a sufficient sum to enable it to pay all indebtedness evidenced by Note "A" and Note "B" on or before October 1, 1965, the Board shall use its best efforts to refinance the indebtedness evidenced by the notes, so that the loan from the Bank and the Board shall be fully repaid within the term of seven (7) years herein prescribed.

6. Security: Payment of principal and interest owing to the Bank and Board, as evidenced by the Notes, is to be secured by the pledge of the Net Income derived from the operation of the office building, with a covenant by the Board that it will at all times keep the office building in continuous operation and that it will use its best efforts to collect office rental and other service charges from tenants occupying the office space, so that the office building net income for each fiscal year, beginning with October 1, 1959, and for each fiscal year thereafter will produce not less than \$100,000 net income annually and further, that if the net income is insufficient to meet the fixed payments to be made to the Agent as above provided, the Board will make available other funds which it may legally use for this purpose to make up any deficiencies in the fixed payments. Other covenants and conditions customarily included in borrowings involving revenue-producing structures will be included in the Term Loan Agreement.

BE IT FURTHER RESOLVED that any two of the following officers of Michigan State University to-wit: John A. Hannah, its President, Karl H. McDonel, its Secretary, and Philip J. May, its Vice President and Treasurer, be and they are hereby authorized, empowered, and directed, in the name of The State Board of Agriculture and as its corporate act and deed, to execute and enter into the aforementioned Term Loan Agreement between The State Board of Agriculture, as Trustee, National Bank of Detroit, and Ann Arbor Trust Company, as Agent; and they are further authorized, and directed to execute the promissory notes of the Board as evidence of said loan.

BE IT FURTHER RESOLVED, that any two of said officers be and they are hereby authorized, empowered, and directed, in the name of The State Board of Agriculture and as its corporate act and deed, to perform all acts and deeds and execute all instruments and documents necessary, expedient, and proper in connection with the borrowing of said sum of Nine Hundred Thousand

FINANCE COMMITTEE ITEMS, continued

Resolution re: borrowing \$900,000 for construction of Office Building

6. Resolution re: borrowing \$900,000 to provide funds to pay costs of Office Building, continued:

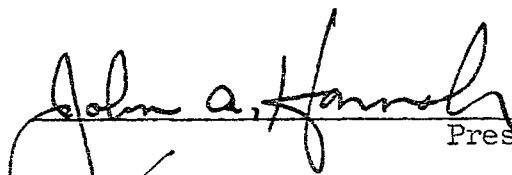
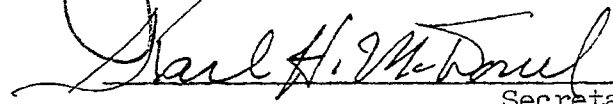
Dollars (\$900,000.00), in accordance with the terms and conditions of said Term Loan Agreement and the pledging of net income from the operation of the office building as provided therein.

BE IT FURTHER RESOLVED, that any two of said officers be and they are hereby authorized, empowered, and directed, for and in the name of The State Board of Agriculture and as its corporate act and deed, to make, consent to, and agree to any changes in the terms and conditions of said Term Loan Agreement which they may deem necessary, expedient, and proper, prior to or at the time of the execution of said Term Loan Agreement, but no such amendments shall change the provisions therein for the amount to be borrowed, the interest to be paid thereon, the minimum payments required to be made to the Agent, or the security pledged.

BE IT FURTHER RESOLVED that said officers, either in said Term Loan Agreement or in the note to be executed as evidence of the loan by the Bank to the Board, shall not pledge the credit of or create any liability on the part of the State of Michigan, The State Board of Agriculture, or any member or officer of this Board, or of their successors, other than to pledge the net income derived from the operation of the office building, and other available funds which it may legally use in payment of the loans.

BE IT FURTHER RESOLVED that any two of said officers be and they are hereby authorized, empowered, and directed, for and in the name of The State Board of Agriculture and as its corporate act and deed, to accept the commitment of the National Bank of Detroit, and The State Board of Agriculture, as Trustee.

The meeting adjourned at 3:30 p.m.


President

Secretary