

MINUTES OF THE MEETING
of the
FINANCE COMMITTEE
September 16, 1960

The Finance Committee convened at Kellogg Center at 10 a.m. in the Board Room.

The following members were present:

Messrs. Harlan, Merriman, Smith, Stevens, Vanderploeg; President Hannah, Treasurer May and Secretary Miller

Absent: Mr. Huff; Dr. Bartlett

1. Investment recommendations from Scudder, Stevens & Clark and Mr. Cress, as follows:

Finance Committee Items

Insurance Fund

Amount	Security	Approx. Price	Principal	Income	Yield
Recommend purchasing:					
up to \$200,000	U. S. Treasury 4 5/8s-5/15/65	\$105	\$210,000	\$9,250	3.55%

Pension & Retirement

Recommend purchasing:

1200 shs Columbia Broadcasting System	\$1.40	41	49,200	1,680	3.4%
\$600,000 V.A., F.H.A. and/or conventional mortgages 5 1/2%		95E	570,000	33,000E	6.00+E
less service charge					.50E
					5.50+E

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

2. Gift of approximately 60 lineal feet of Hauserman office partitions valued at \$1,200 from P. J. May, Vice President-Business and Finance. These partitions can be used almost immediately in some of the remodeling being done in campus buildings, and Mr. May desires that the project using the partitions be charged the appraised value and that the Alumni Development Fund be credited. He wishes no publicity on this item.

Gift of Hauserman office partitions accepted

On motion by Mr. Merriman, seconded by Mr. Harlan, it was voted to accept the above gift from Mr. May.

Approval of new telephone service

- 3 Mr. May discussed with the Board telephone service in dormitories, married housing and throughout the University.

On motion by Dr. Smith, seconded by Mr. Merriman, it was voted to authorize the officers of the University to contract with the Michigan Bell Telephone Company for changes outlined in their presentation.

The following items have been finalized subsequent to the mailing of the agenda for this Board meeting. Action on them at this meeting is desirable. They are presented as a supplement to the agenda of the Finance Committee.

1. a. Scudder, Stevens & Clark and Earl Cress recommend the exchange of the following:

Investment recommendations approved

\$413,000 U. S. Treasury 2 1/2% bonds due 12-15-69/64 for the new issues being offered by the U. S. Treasury Department in exchange to all holders of the above bond into 3 1/2% bonds due 11-15-98 (38 years). The following accounts hold the U.S. Treasury 2 1/2% bonds due 12-15-69/64:

Rackham Fund	\$153,000
Pension Fund	\$260,000

- b. The following exchange is also recommended:

\$250,000 U.S. Treasury 2 1/2% bonds due 12-15-68/63 held in the Pension Fund for \$250,000 3 1/2% bonds due 2-15-90 (30 years).

On motion by Mr. Harlan, seconded by Dr. Smith, it was voted to approve the recommendation.

2. During the summer Mr. John H. Ohly gave to the University 16 shares of Borg-Warner stock and 21 shares of stock of The Radio Corporation of America with the understanding that the Board would use the income from its sale for the purpose of financing in part travel by Stanley Andrews in connection with a study of international operations that he is making. Mr. May requests authority to sell this stock so that the money may be available for the purpose intended by the donor.

Approval sale 16 shs Borg-Warner stock also sale of 21 shs Radio Corp stock

On motion by Mr. Stevens, seconded by Mr. Merriman, it was voted to approve the sale of the above stock.

Finance Committee Items, continued:

Approval financing dairy and animal husbandry facilities

3. In accordance with the instructions of the Board of Trustees, the following provisions were made for financing the dairy and animal husbandry facilities:

<u>Dairy Facilities</u>		
Dairy Revolving	\$275,000*	
Purebred Livestock Revolving	25,000	
Year-end adjustment	<u>150,000</u>	\$450,000
<u>Animal Husbandry Facilities</u>		
Year-end Adjustment	\$100,000	
Agricultural Experiment Station	<u>50,000</u>	\$150,000

*This will create an overdraft of \$105,146.03 which will be recouped in a few years.

4. Bids were received on September 8 for the new sheep barn. This building is necessary to clear the site for the new building for the College of Engineering. The bids were as follows:

<u>General</u>	
Granger Construction Company	\$ 38,900
Hanel-Vance Construction Company	42,480
B. J. Siwek Construction Company	47,840
Clark Construction	54,755
Nordstrom-Myers	92,617

<u>Mechanical</u>	
John C. Lowrey	6,145
Maurice Cole	6,200
C. G. Brenner, Inc.	6,640
Dard Incorporated	6,850
R. L. Spitzley Heating	6,940
Shaw-Winkler	6,954
Great Lakes	7,500

<u>Electrical</u>	
Superior Electric	4,774
Root Electric	4,835
Hatzel-Buehler	5,190
Hall Electric	5,252
Barker-Fowler	5,274
Central Electric Motors	5,417
Hayes Electric	5,585

It is recommended that the Board authorize awarding of contracts to the low bidders as follows:

Granger Construction Company	\$38,900
John C. Lowrey	6,145
Superior Electric	<u>4,774</u>
	\$49,819

and that the Board authorize the following budget for this project:

Construction Contracts	\$49,819
Landscaping	3,300
Engineering	1,500
Contingencies	<u>1,381</u>
	\$56,000

This is to be charged to the \$150,000 set aside in the year-end adjustments to provide for the relocation of certain animal husbandry activities. It is pointed out that before this project is completed it may require an additional appropriation of \$15,000 to \$20,000. This cannot be determined until final plans are completed and bids received which will not be for several months.

5. Bids have been taken for the rough grading for the site of the new Dairy Center on College Road. Bids are as follows:

Blue Water Excavating Company	\$6,235.00
Andersen Excavating Company	7,190.00
Angell Construction Company	8,742.05

It is recommended that the Board authorize the awarding of the contract to the low bidder so that this work can be undertaken at once while the weather is favorable.

On motion by Mr. Stevens, seconded by Mr. Merriman, it was voted to approve the recommendations in items 3, 4 and 5.

\$5000 approp. for documentary film.

6. Due to an oversight, no provision was made in the budget for the continuation of the documentary film being prepared by the Department of Information Services. It is now recommended that the Board authorize a supplementary appropriation of \$5,000 for the Department of Information Services for this project.

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

Contracts let for new sheep barn

Contract let for rough grading site new Dairy Ctr

Finance Committee Items, continued:

7. The President reported that the Alumni Advisory Council had taken action to award honorary alumni status to the following persons:

Gladys Olds Anderson of Lansing
Warren M. Huff of Plymouth

Jack Rice of Houghton
Howard Stoddard of Lansing

Approval hon-
orary alumni
awards

There was no objection.

Adjourned.

EXECUTIVE SESSION

Dr. Smith convened a meeting of the Board of Trustees in executive session and requested Vice President May and Attorney Carr to meet with the Trustees. Dr. Smith presented the following resolution and moved its adoption:

WHEREAS, President John A. Hannah has given thirty-seven years of unparalleled and productive service to Michigan State University of Agriculture and Applied Science, and

WHEREAS, previous actions of October 19, 1951 and October 16, 1953, culminated in the action of the Finance Committee of December 15, 1955, to insure retirement income to President and Mrs. Hannah of one-half the annual salary then authorized and effective, payable from the University Retirement Fund (Three Thousand (\$3,000.00) Dollars per year), and the proceeds of Lincoln National Life Insurance Company (Ten Thousand (\$10,000.00) Dollars per year), to attain a designated figure of Thirteen Thousand \$13,000.00) Dollars annually, and

WHEREAS, the plan has been determined to be defective and deficient because death of President Hannah prior to age sixty-five would deny Mrs. Hannah the annual payment of Three Thousand (\$3,000.00) Dollars from the University Retirement Fund, and

WHEREAS, retirement prior to age sixty-five would likewise reduce substantially the annual income to President Hannah contemplated for such purpose.

NOW, THEREFORE, Be It Resolved:

1. That in the event of President Hannah's death prior to age sixty-five, Mrs. Hannah shall receive the sum of Three Thousand (\$3,000.00) Dollars annually from the University Retirement Fund as well as the proceeds from the Lincoln National Life Insurance Company policies.
2. That in the event of retirement of President Hannah, he and Mrs. Hannah or the survivor thereof, shall receive a total annual income for life of Thirteen Thousand (\$13,000.00) Dollars from the University Retirement Fund and the Lincoln National Life Insurance Company policies.
3. That inasmuch as President Hannah has declined an increase in salary for each of the last two years, it is hereby provided that an additional sum of \$5,000 per year shall be used to increase his retirement income over that presently provided, with the details to be worked out by Vice President May and Attorney Carr.
4. That the provisions hereof shall be given immediate effect.

The above motion was seconded by Mr. Harlan and unanimously approved.

Adjourned.

MINUTES OF THE MEETING
of the
BOARD OF TRUSTEES
September 16, 1960

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

Absent: Mr. Huff; Dr. Bartlett

The meeting was called to order at 1:30 p.m.

The minutes of the previous meeting were approved.

SPECIAL MISCELLANEOUS

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

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

Retirement
setup approved
for President
Hannah.

September 16, 1960

SPECIAL MISCELLANEOUS, continuedReport of death
Ernst Wolff

2. Report of the death of Ernst Wolff, Professor of Music, on August 21, 1960. Professor Wolff was first employed by Michigan State University August 9, 1947. Since he was over 50 years of age when first employed, he was not included under the retirement and insurance program, but was retained on an annual reappointment basis.

It is recommended that his widow receive his salary for six months beyond the date of death.

On motion by Mr. Merriman, seconded by Mr. Harlan, it was voted to approve payment of Professor Wolff's salary to his widow for a period of six months beyond the date of his death.

Report of death
Bird D. Munger

3. Report of the death of Bird D. Munger on September 2, 1960. Mr. Munger was born on December 31, 1904, and was first employed by the University on September 15, 1947, and was a custodian in Brody Hall at the time of his death.

It is recommended that his widow receive his salary for one year beyond the date of his death.

On motion by Mr. Stevens, seconded by Mr. Vanderploeg, it was voted to approve payment of Mr. Munger's salary to his widow for a period of one year beyond the date of his death.

Acceptance of
audit for
1959-61

4. Messrs. Wilder and Brown, from the Firm of Ernst and Ernst, Auditors, appeared before the Board to present and explain the audit for the fiscal year ended June 30, 1960.

On motion by Dr. Smith, seconded by Mr. Stevens, it was voted to accept the audit and to approve payment for the same.

Disability
retirement app.
Moiree Compere
\$135 mo to
June 30, 1961

5. Last spring the case of Professor Moiree Compere was discussed by the Board. She has received compensation at the full rate through the month of August. It is now recommended that she be compensated through June 30, 1961, on a disability pension of \$135 per month. In the event that she is able to accept full-time employment elsewhere during this period, the disability compensation will be cancelled in accordance with our regular policy.

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

Contracts Epp-
ley Bldg. to be
awarded if bids
within estimate

Mr. Harlan and Mr. Merriman voted "no" on this recommendation.

6. Bids for the Eppley Building will be received on September 30. Inasmuch as the next Board meeting is not to be held until October 28, it is suggested that the Board follow the same procedure in awarding contracts to the low bidders, in the event bids are within the estimate, as was followed with the Classroom Building.

Contracts MSU-0
library to be
awarded if bids
within estimate

By unanimous consent, it was agreed to follow the same procedure.

7. Bids for the MSU-0 Library will be taken in early October. Inasmuch as the next Board meeting is not to be held until October 28, Chancellor Varner raised the question as to whether or not the Board will be willing to follow the same procedure in awarding contracts to the low bidders, in the event bids are within the estimate, as was followed with the Classroom Building.

By unanimous consent, it was agreed to follow the same procedure.

PRESIDENT'S REPORT

Resignations

Resignations and Terminations

1. David W. Blakeslee, Assistant Professor of Marketing and Transportation, August 25, 1960 to accept a position in industry.
2. Betty Ann Mote, Instructor in Foods and Nutrition, August 31, 1960 because of illness.
3. Elizabeth Ann Dragowski, Instructor in Nursing, July 15, 1960.
4. Robert C. McKeen, Assistant Executive Officer, Vietnam Project, August 26, 1960, on the completion of his second tour of duty in Saigon.
5. Donna C. McKeen, Secretary Vietnam Project, August 11, 1960.
6. Charles Frank Sloane, Police Specialist, Vietnam Project, August 8, 1960, on the completion of his tour of duty in Saigon.
7. Charles B. Myers, Specialist, Vietnam Project, August 15, 1960, on the completion of his six months extension of his tour of duty in Saigon.

Leaves

Leaves--Other

1. Orion Ulrey, Associate Professor of Agricultural Economics without pay from September 1, 1960 to August 31, 1962 to work with the ICA in India.
2. Bernard I. Duffey, Professor of English, without pay from September 1, 1960 to August 31, 1961 to teach at Duke University.

PRESIDENT'S REPORT, continued

Leaves--Other

3. Henry G. Blosser, Associate Professor of Physics and Astronomy without pay from July 25, 1960 to August 15, 1960 to study at Midwest Universities Research Association.
4. Edward O. Moe, Professor (Ext.Res.) of Sociology and Anthropology without pay from August 1, 1960 to August 26, 1960 to study and rest in Salt Lake City.
5. C. Gratton Kemp, Instructor in Communication Skills without pay from September 1, 1960 to March 31, 1961 and from August 1, 1961 to August 31, 1961 to teach at Ohio State University.

Leaves

Appointments

1. Arthur John Lamminen, Administrative Assistant to the Dean of Business and Public Service at a salary of \$6000 per year on a 12-month basis from July 1, 1960 to June 30, 1961.
2. Barbara Bernstein, Specialist in Engineering Research and Mathematics, at a salary of \$6000 per year on a 12-month basis effective July 11, 1960.
3. Lung-chi Wu, Assistant Professor (Res.) of Botany and Plant Pathology at a salary of \$6000 per year on a 12-month basis effective July 1, 1960 to June 30, 1961.
4. Margaret Lee Pegg, Coordinator in Continuing Education at a salary of \$275 per month from July 1, 1960 to August 31, 1960 and at \$425 per month from September 1, 1960 to June 30, 1961.
5. Roger Thweatt, Instructor in Education at a salary of \$350 for the period June 21, 1960 to July 29, 1960 and at \$500 for the period July 29, 1960 to September 2, 1960.
6. Harlow M. Judson, Instructor in Electrical Engineering at a salary of \$870 for the period June 21, 1960 to September 2, 1960.

Appointments

Salary Changes

1. Increase in salary for James H. Stewart, Lecturer in Surgery and Medicine from \$3635 to \$3907.50 effective July 1, 1960.

Salary inc.
James H.
Stewart

Miscellaneous

Clarification
Leave Absence
Glenn Johnson

1. Clarification of leave of absence with half pay for Glenn L. Johnson, Professor of Agricultural Economics to: The leave recently granted for the period from April 1, 1961 to September 30, 1961, is to replace the leave formerly granted for July 1, 1960, to December 31, 1960, and Professor Johnson is to receive full pay until the beginning of his leave on April 1, 1961.
2. Correction in the status of William T. Ross as follows: Assistant to the Dean of the University College for International Programs with his salary of \$10,980 per year paid 41% by University College and 59% by the Office of the Dean of International Programs, effective September 1, 1960.
3. Change in status of John A. Fuzak to Professor of Education and Assistant Dean of Education for Administrative Services with a salary increase from \$12,600 to \$13,500 per year on a 12-month basis, effective August 1, 1960.
4. Designation of L. A. Smith as Acting Head of Mechanical Engineering at an additional salary of \$100 per month, effective September 1, 1960 for an indefinite period.
5. Change in the effective date of the appointment of the following staff members at Michigan State University-Oakland:
 - a. David C. Beardslee, Associate Professor of Psychology, from September 1 to August 1, 1960.
 - b. Laszlo J. Hetenyi, Associate Professor of Teacher Education, from September 1 to July 1, 1960.
 - c. John C. Galloway, Professor of Art, from September 1 to August 1, 1960.
 - d. Donald D. O'Dowd, Associate Professor of Psychology, from September 1, to August 1, 1960.
6. Change in status of Robert J. Wisner, Associate Professor of Mathematics at Michigan State University-Oakland, from a 10-month basis at a salary of \$9400 per year to a 12-month basis at a salary of \$17,234 per year, effective August 1, 1960. Dr. Wisner will serve as Executive Director of the Committee on Undergraduate Programs in Mathematics, and his salary is to be paid from a grant from the Mathematical Association of America, account 71-2842.
7. Reassignment of Richard F. Gonzalez, Assistant Professor of Personnel and Production Administration, to the Brazil Project from July 23 to August 23, 1960, paid from account 71-2028.
8. Reassignment of Charles Lawrence, Assistant Professor of Accounting and Financial Administration, to the Brazil Project from August 1 to August 15, 1960, paid from account 71-2028.
9. Reassignment of Robert J. Geist, Associate Professor of English, to the Ryukyus Project from September 1 to September 16, 1960, paid from account 71-2023.
10. Approved recommendations from the Director of Personnel as follows:
 - a. Reclassification of a Lieutenant position on the Labor Payroll in the Department of Public Safety to a Captain, Protective Services V on the annual salary range of \$6480 to \$7980 plus an annual \$200 uniform allowance.

Ch. status
Wm. T. Ross

Ch. status
John A. Fuzak

L. A. Smith
Act. Head
Mech. Engr.

Ch. effective
date appt.
D.C. Beardslee
L.J. Hetenyi
Jno Galloway
Donald O'Dowd

Ch. status of
Robert J.
Wisner

Reassignment
Richard F.
Gonzalez to
Brazil Proj.

Also Charles
Lawrence

Also Robert
Geist

Approval
recommendation
Director of
Personnel

PRESIDENT'S REPORT, continuedMiscellaneous, continued

Approval
recommendation
Dir. Personnel

10. Recommendations from the Director of Personnel as follows, continued:

- b. Change in title of Assistant Director-Safety Services V to Safety Engineer V.
- c. Establishment of the following positions for Owen Graduate Hall, paid from account 21-2825:
 - 1) Secretary-Departmental II
 - 2) Food Supervisor IIIA
 - 3) Food Supervisor IVA

Contract
awarded for
sewers for
new Classroom

11. Approved awarding of the contract for construction of sewers for the new Classroom Building to W. D. Potter, the low bidder, in the amount of \$5,742.60. Bids were received as follows:

W. D. Potter	\$5,742.60
Vermeersch Construction Co.	6,995.40
Mead Construction	8,400.00
Angell Construction Co.	12,293.25

Contract for
steam and
water lines
Classroom Bldg
awarded.

12. Approved awarding the contract for steam and water lines for the Classroom Building to Shaw-Winkler, the low bidder, in the amount of \$16,240. Bids were received as follows:

Shaw-Winkler	\$16,240
R. L. Spitzley Heating	17,750
W. A. Brown Corporation	17,768
United Piping	20,988
J. A. Dart Company	27,600

Contract for
electric serv.
& underground
elec. and tel
work Class-
room Bldg.

13. Approved awarding the contract for electric service and underground electric and telephone work for the Classroom Building to the Central Electric Company, the low bidder, in the amount of \$8,938. Bids were received as follows:

Central Electric	\$ 8,938
Hall Electric	9,000
Hatzel-Buehler	9,130
Barker-Fowler	9,199
Lansing Electric Motors	11,037

Contract for
paving work
Graduate Ctr.
awarded

Mr. Harlan did not vote on this recommendation.

14. Approved awarding the contract for asphalt paving work for the Graduate Center parking lot, the bicycle paths and pads for bicycle racks, and other miscellaneous repair jobs to the Spartan Asphalt Paving Company, the low bidder, in the amount of \$38,949. Bids were received as follows:

Spartan Asphalt Paving Company	\$38,949.00
East Shore Asphalt Paving Co.	54,835.50

Contract for
painting work
at Stadium
awarded

15. Approved awarding the contract for painting work at the Stadium to Davis Painters, Inc., the low bidder, in the amount of \$22,747. Bids were received as follows:

Davis Painters, Inc.	\$22,747
C. L. Wolff & Sons, Inc.	44,900

Contract for
grading Eppley
Bldg. awarded

16. Approved awarding the contract for grading the Eppley Building parking lot to the Andersen Excavating Company, the low bidder, in the amount of \$4,208. Bids were received as follows:

Andersen Excavating	\$ 4,208
Angell Construction Co.	5,280
Spartan Asphalt Paving Co.	5,831

Gifts and
Grants

Gifts and Grants

1. Grant of \$27,188 from The Ford Foundation of New York City to be used under the direction of J. B. Tintera in Education in the Development of an educational television network in the development of an educational television network in the State of Michigan.
2. Grant of \$125,000 from the W. K. Kellogg Foundation of Battle Creek, for development of a program for educational leadership in the community college.
3. Grant of \$250 from the Sheraton Corporation of America of Boston, Massachusetts, to be credited to the Discretionary Gifts Fund. This is in keeping with the Corporation's policy of sending a donation to the schools from which they select graduates for their Management Training Programs.
4. Grant of \$3,500 from the Rockefeller Foundation of New York City to be credited to the Discretionary Gifts Fund. This grant is in appreciation of courtesies extended to Rockefeller Fellows.

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

Mr. Harlan did not vote on the recommendation in Item 13, Miscellaneous.

By telephone vote on July 29, the Trustees authorized awarding contracts to the low bidders on the Classroom Building, as follows:

General Construction - H. G. Christman Company	\$1,305,500
Mechanical Contract - R. L. Spitzley Company	307,500
Electrical Contract - Hatzel & Buehler, Inc.	164,000
Total	\$1,777,000

Contracts
awarded to low
bidders on
Classroom Bldg.

Budget for Project:

Construction contracts less alterations	\$1,754,000
Architect's Fees	108,000
Site Work	68,500
Utility Services	83,100
Furnishings	75,000
Supervising Architect During Construction	15,000
Installation of Air Conditioning	135,000
Increase in the size of the building to provide for 60 additional offices, approximately	250,500
Contingencies	10,900
Total	\$2,500,000

The tabulation of all bids received follows:

General Contractors

Christman Company	\$1,305,500
Erickson & Lindstrom Construction, Flint	1,314,444
J. A. Utley Co., Royal Oak	1,348,800
A. Z. Shmina, Dearborn	1,353,300
Granger Construction, Lansing	1,355,000
Collinson Construction, Midland	1,556,000

Mechanical Contractors

R. L. Spitzley, Detroit	307,500
Lorne	316,000
Shaw-Winkler, Inc., Detroit	318,420
J. A. Dart Company, Mason	335,500
Dard Inc., Lansing	342,100
John E. Green, Highland Park	347,000
Allen Briggs Co., Oak Park	360,000

Electrical Contractors

Hatzel & Buehler, Lansing	164,000
Barker-Fowler Electric, Lansing	164,750
Central Electric Motors, Lansing	168,400
Lansing Electric Motors, Lansing	169,645
Electric Service Company, Ann Arbor	173,900
Hall Electric Co., Lansing	174,888
Union Electric, Inc., Lansing	178,820

On motion by Mr. Vanderploeg, seconded by Mr. Merriman, it was voted to formally approve awarding contracts to the above low bidders.

NEW BUSINESS

Resignations and Terminations

Resignations

1. Janice R. Christensen, Home Economics Agent, Newaygo County, September 10, 1960 to accept a position as Asst. Home Economics Editor at Pennsylvania State College.
2. Shirley S. Goering, Home Economics and 4-H Agent, Ingham County, August 31, 1960 to accompany her husband to South America.
3. Lois J. Honore, Home Economics Agent, Macomb County, August 31, 1960 to return to Penn.
4. Robert C. Lamb, Instructor in Dairy, December 31, 1960 to accept a position on the staff of the Utah State University.
5. Stanley K. Sheinbaum, Instructor in Economics, August 31, 1960 to join the staff of the Center for the Study of Democratic Institutions in Santa Barbara, California.
6. Robert W. Dvorsky, Assistant Professor of Personnel and Production Administration, August 31, 1960 to accept a position at Bowling Green State University.
7. Ralph Leutenegger, Assistant Professor of Speech, August 31, 1960 to accept a position at the University of Florida at Gainesville.
8. Byron W. Hansford, Associate Professor of Education, August 15, 1960 to accept a position as Commissioner of Education in Colorado.
9. Ruth L. Dvorsky, Specialist, Health, Physical Education and Recreation, August 31, 1960. Her husband has accepted a position at Bowling Green State University.

NEW BUSINESS, continuedResignations and Terminations, continued

Resignations

10. Barbara R. Southward, Instructor in Health, Physical Education and Recreation, August 31, 1960 to continue her education.
11. Karl Brenkert, Jr., Associate Professor of Applied Mechanics, August 31, 1960 to become Assistant Dean at Auburn University.
12. Ching-u Ip, Associate Professor of Mechanical Engineering, August 31, 1960. He is joining the Martin Corporation in Denver, Colorado as a Research Scientist.
13. Louis L. Otto, Professor and Head of Mechanical Engineering, September 30, 1960 to accept a position in Michigan industry.
14. Leonard W. Kitts, Assistant Professor of Art, August 31, 1960.
15. Elsie May Cunningham, Administrative Assistant, Vietnam Project, August 31, 1960 to work at Indiana University.
16. Robert P. Worrall, Extension TV Editor, Information Services, October 15, 1960 to accept a position as Assistant to Dean of Agriculture at Ohio State University.
17. James A. Matteson, Coordinator Continuing Education, August 31, 1960 to return to school.
18. Joann L. Brady, Assistant to the Dean of Students, August 31, 1960 to be married.

Leaves

Leaves--Sabbatical

1. Lawrence L. Boger, Professor and Head of Agricultural Economics with full pay from December 1, 1960 to February 28, 1961 for study and writing at MSU.
2. Byron H. Van Roekel, Professor of Education with full pay from January 1, 1961 to March 31, 1961 and from April 1, 1962 to June 30, 1962 for study and writing at MSU and Northwestern.
3. Joseph G. Dzenowagis, Professor of Health, Physical Education and Recreation, with full pay from January 3, 1961 to March 30, 1961 for research and writing in East Lansing.
4. Julius R. Hoffman, Associate Professor of Entomology with full pay from December 1, 1960 to May 31, 1961 for study and travel in California and Southwestern U.S.
5. Marvin D. Solomon, Associate Professor of Natural Science with full pay from April 1, 1961 to August 31, 1961 for study at the University of London and International African Institute.

Leaves--Health

1. Dorothy Erler, Assistant Professor (Ext.) of Textiles, Clothing and Related Arts, with full pay from August 1, 1960 to October 15, 1960.
2. Anne M. McGurk, Assistant Professor of Communication Skills with full pay from September 1, 1960 to December 31, 1960.
3. Ervin R. Van Der Jagt, Associate Professor of Natural Science with full pay from September 1, 1960 to December 31, 1960.

Leaves--Other

1. Jack C. Ferver, Assistant Director, Upper Peninsula District, without pay, from September 16, 1960 to June 30, 1961 for study at the University of Wisconsin.
2. Delwyn A. Dyer, 4-H Agent, Wayne County, without pay from September 22, 1960 to August 31, 1961 to study for his Ph.D. at MSU.
3. Fred W. Freeman, Horticulturist Hidden Lake Gardens, without pay from September 21, 1960 to December 15, 1960 to study for his Ph.D. at M.S.U.
4. Perry E. Gianakos, Instructor in Communication Skills without pay from September 1, 1960 to December 31, 1960 to study at New York University.
5. Frederick I. Kaplan, Assistant Professor of Humanities without pay from September 1, 1960 to August 31, 1961 to teach in Russia.
6. Abba P. Lerner, Professor of Economics without pay from September 1, 1960 to March 31, 1961 and from August 1, 1961 to August 31, 1961 to work at the Center for Advanced Study in Behavioral Science at Stanford.
7. Boris P. Pesek, Associate Professor of Economics without pay from January 1, 1961 to August 31, 1961 to do research on a Rockefeller Grant.
8. Jerry A. Cowen, Assistant Professor of Physics and Astronomy without pay from September 16, 1960 to September 15, 1961 for study and research at Lockheed in California.
9. Henry S. Leonard, Professor and Head of Philosophy without pay from January 1, 1961 to August 31, 1961 for study at the Institute for Advanced Study, New Jersey.

NEW BUSINESS, continuedLeaves--Other, continued

10. M. Ray Denny, Professor of Psychology without pay from January 1, 1961 to December 31, 1961 to accept a position with Ramy-Wooldridge Corporation. Leaves
11. Raymond F. Johnston, Associate Professor of Physiology and Pharmacology without pay from September 22, 1960 to August 31, 1962 to do ICA work in Bogor, Indonesia.
12. Neal R. Cholvin, Assistant Professor of Surgery and Medicine, without pay from September 1, 1960 to August 31, 1961 to study for his Ph.D. at Iowa State University.
13. Jacqueline Brophy, Instructor in Labor and Industrial Relations Center, without pay from October 1, 1960 to December 31, 1960 to study at MSU.
14. Willie Mae Edwards, Librarian without pay from September 23, 1960 to October 31, 1962 to accompany her husband to Nigeria.

Appointments

Appointments

1. James Ivan Sprague, Jr. Agricultural Agent, Lenawee County at a salary of \$7400 per year on a 12-month basis effective September 1, 1960.
2. Harvey James Belter, Agricultural Agent, Cass County, at a salary of \$6500 per year on a 12-month basis effective August 15, 1960.
3. Leo William Dorr, Dairy Agent, Lapeer, at a salary of \$6500 per year on a 12-month basis effective September 15, 1960.
4. Russell F. McDonald, Marketing Agent, Lenawee and Hillsdale Counties at a salary of \$9000 per year on a 12-month basis effective September 1, 1960.
5. Audrey Eileen O'Meara, Home Economics Agent, Bay County, at a salary of \$5300 per year on a 12-month basis effective September 1, 1960.
6. Carroll G. Brunthaver, Assistant Professor of Agricultural Economics at a salary of \$8000 per year on a 12-month basis effective September 1, 1960 to August 31, 1962.
7. Donald L. Pfost, Instructor in Agricultural Engineering at a salary of \$7200 per year on a 12-month basis effective September 16, 1960 to September 15, 1962.
8. Claude Desjardins, Instructor (Res.) in Dairy at a salary of \$4500 per year on a 12-month basis, effective September 16, 1960 to June 30, 1964.
9. Louis F. Twardzik, Assistant Professor of Resource Development at a salary of \$10,000 per year on a 12-month basis effective September 6, 1960.
10. William E. Henry, Visiting Professor of Business Administration at a salary of \$15,167 for the period September 1, 1960 to March 31, 1961; and Distinguished Visiting Professor of Business Administration at a salary of \$4000 for the period April 1, 1961 to June 30, 1961.
11. Christiane L. G. Kerner, Assistant Editor in the Bureau of Business and Economic Research at a salary of \$3000 per year on a 10-month basis effective August 15, 1960.
12. Earle Roberts, Instructor in Police Administration and Continuing Education at a salary of \$7400 per year on a 10-month basis effective October 1, 1960.
13. Hilda Jaffe, Specialist in the Bureau of Social and Political Research at a salary of \$3300 per year on a 12-month basis effective August 1, 1960 to July 31, 1961.
14. Laurence E. Coffin, Jr. Assistant Professor of Urban Planning and Landscape Architecture at a salary of \$7000 per year on a 10-month basis effective September 1, 1960.
15. Anne Winsmore Beard, Instructor (Res.) in General Communication Arts, at a salary of \$5500 per year on a 12-month basis effective September 15, 1960. This is a temporary appointment.
16. Allan Broadhurst, Coordinator in General Communication Arts at a salary of \$600 per month from September 3, 1960 to June 30, 1961.
17. William Stellwagen, Instructor in General Communication Arts at a salary of \$6300 per year on a 10-month basis effective September 1, 1960.
18. Carol R. Chworowsky, Instructor in Speech, at a salary of \$6000 per year on a 10-month basis effective September 1, 1960.
19. Mariam A. Duckwall, Instructor in Speech at a salary of \$4800 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
20. James Hillis, Instructor in Speech, at a salary of \$6200 per year on a 10-month basis effective September 16, 1960.
21. Corliss Edwin Phillabaum, Instructor in Speech at a salary of \$5500 per year on a 10-month basis effective September 1, 1960.
22. Paul H. Appel, Instructor in Education at a salary of \$5200 per year on a 12-month basis effective September 1, 1960 to August 31, 1961.

NEW BUSINESS, continued

Appointments

Appointments, continued

23. Gerald Jennings, Instructor in Education at a salary of \$6500 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
24. Joan M. Brede, Instructor in Health, Physical Education and Recreation at a salary of \$5000 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
25. Richard C. Nelson, Instructor in Health, Physical Education and Recreation at a salary of \$5200 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
26. Marjorie Smith, Instructor in Health, Physical Education and Recreation at a salary of \$5200 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
27. Wynn Updyke, Instructor in Health, Physical Education and Recreation at a salary of \$3000 for the period October 1, 1960 to June 30, 1961.
28. Donna Mae Wiest, Instructor in Health, Physical Education and Recreation at a salary of \$5500 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
29. Ammriltal M. Dhanak, Professor of Mechanical Engineering Research at a salary of \$14,000 per year on a 10-month basis effective September 15, 1961.
30. Leslie J. Keith, Specialist in the Computer Laboratory at a salary of \$7000 per year on a 12-month basis effective August 15, 1960.
31. Diane Elaine Davis, Instructor in Home Management and Child Development at a salary of \$5600 per year on a 10-month basis effective September 1, 1960.
32. M. Patricia Klobe, Instructor (Ext.) in Textiles, Clothing and Related Arts, at a salary of \$7200 per year on a 12-month basis effective September 15, 1960.
33. Barbara Lee Loder, Instructor in Textiles, Clothing and Related Arts at a salary of \$5700 per year on a 10-month basis effective September 1, 1960.
34. Mary Ann Durocher, Instructor in Nursing at a salary of \$5400 per year on a 12-month basis effective September 12, 1960.
35. Frank Bedogne, Jr. Instructor in Art, at a salary of \$6300 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
36. Clifton March McChesney, Assistant Professor of Art at a salary of \$6200 per year on a 10-month basis effective September 1, 1960.
37. Silvio Scionti, Professor of Music at a salary of \$10,000 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
38. James P. Wang, Instructor in Foreign Languages at a salary of \$6000 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
39. Anatole Sokolsky, Instructor in Foreign Languages at a salary of \$5400 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
40. Rolf A. George, Instructor in Philosophy at a salary of \$5700 per year on a 10-month basis effective September 1, 1960.
41. Robert P. Daniels, Instructor in Natural Science at a salary of \$5700 per year on a 10-month basis effective September 1, 1960.
42. James L. Goatley, Instructor in Natural Science at a salary of \$5600 per year on a 10-month basis effective September 1, 1960..
43. Jack B. Secor, Instructor in Natural Science at a salary of \$5900 per year on a 10-month basis effective September 1, 1960.
44. Matthew H. Epstein, Associate Professor of Social Science at a salary of \$7900 per year on a 10-month basis effective September 1, 1960.
45. Charles Cheaveis Middleton, Instructor in Physiology and Pharmacology at a salary of \$6500 per year on a 10-month basis effective September 1, 1960 to August 31, 1962.
46. Robert William Holmes, Assistant Professor of Music at MSU-0 at a salary of \$7300 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
47. Roland John Hidde, Jr. Assistant in Student Affairs at MSU-0 at a salary of \$5100 per year on a 10-month basis effective September 1, 1960 to August 31, 1961.
48. Frank S. Neusbaum, Adviser, Brazil Project, at a salary of \$12,800 per year on a 12-month basis effective August 18, 1960 to August 31, 1962.
49. Temporary appointment of Joseph A. Nordstrom, Professor of Business Administration Brazil Project, at a salary of \$12,500 per year on a 12-month basis effective August 29, 1960.

NEW BUSINESS, continuedAppointments, continued

Appointments

50. Alvin D. Loving, Adviser, Nigeria Project, at a salary of \$14,500 per year on a 12-month basis effective August 8, 1960 to August 31, 1962.
51. Noble Bright, Jr. Administrative Officer, Nigeria Project, at a salary of \$7500 per year on a 12-month basis effective August 5, 1960 to December 31, 1960.
52. Isabelle K. Payne, Instructor in Institutional Research at a salary of \$4500 per year on a 12-month basis effective September 1, 1960 to August 31, 1961.
53. H. Douglas Cook, Coordinator in Labor and Industrial Relations Center at a salary of \$5500 per year on a 12-month basis effective October 1, 1960.
54. Thomas J. Barrett, Professor of Air Science at a salary of \$70 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
55. George S. Akers, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
56. John B. Barron, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
57. John M. Engerbretsen, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
58. Donald W. Hollway, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
59. Theodore D. King, Assistant Professor of Air Science without pay from September 1, 1960 to June 30, 1961.
60. Donald K. McClure, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
61. Harry U. Perry, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
62. Clarence A. Powers, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
63. Bernard J. Regan, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
64. Douglas D. Stewart, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
65. Robert E. Swett, Assistant Professor of Air Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
66. Morris F. Tague, Assistant Professor of Air Science at a salary of \$20 per month effective September 1, 1960 to June 30, 1961.
67. Merton E. Munson, Professor of Military Science at a salary of \$50 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
68. Ned R. Ash, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
69. Robert L. Chamberlain, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
70. Robert V. Dexter, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
71. John D. Edgerton, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
72. Dean C. Fellows, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
73. Thomas E. Fitzpatrick, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
74. Albert D. Goudreau, Associate Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
75. Albert J. Grazioloi, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
76. William F. Henson, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
77. Thomas M. LaPatka, Associate Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.

NEW BUSINESS, continuedAppointments, continued

Appointments

78. Francis L. Lion, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
79. Joe Y. Pope, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
80. Hugh Robert Primm, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
81. Evan T. Tabbert, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective November 1, 1960 to June 30, 1961.
82. Robert E. Visscher, Assistant Professor of Military Science at a salary of \$20 per month on a 10-month basis effective September 1, 1960 to June 30, 1961.
83. Margaret Ellen Foster, Assistant Director Women's Division at a salary of \$3000 for the period September 1, 1960 to June 30, 1961.
84. Joyce Anne McNamara, Assistant Director Women's Division at a salary of \$3000 per year on a 12-month basis effective September 1, 1960 to August 31, 1961.

Transfers

Transfers

1. Marvin W. Abbott, from Agricultural Agent Cass County to 4-H Agent, Cass County at a salary of \$5300 per year effective August 15, 1960.
2. Joe T. Waterson, from 4-H Agent, Monroe County to 4-H Agent St. Clair County effective August 15, 1960, at the same salary of \$8600 per year.

Salary inc.
Ralph A. Dold

Salary Changes

1. Increase in salary for Ralph A. Dold, 4-H Agent Oceana County to \$5700 per year effective September 1, 1960.
2. Increase in salary for Abba P. Lerner, Professor of Economics to \$20,000 per year on a 10-month basis effective September 1, 1960.
3. Increase in salary for Samuel G. Chapman, Assistant Professor of Police Administration to \$8800 per year on a 10-month basis effective September 1, 1960.
4. Increase in salary for Frank A. Pinner, Associate Professor of Political Science and Director of the Bureau of Social and Political Research to \$11,300 per year on a 12-month basis effective September 1, 1960.
5. Salary increase for Mary Lou Rosencranz, Assistant Professor of Textiles, Clothing and Related Arts to \$8800 per year on a 12-month basis effective September 1, 1960.
6. Increase in salary for J. S. Frame, Professor of Mathematics to \$12,800 on a 10-month basis effective September 1, 1960.

Salary inc.
Abba P. Lerner

Salary inc.
Samuel G.
Chapman
Salary inc.
Frank A. Pinner

Salary inc.
Mary Lou
Rosencranz

Salary inc.
J. S. Frame

Reinstatement
B. M. La-
Freniere

Miscellaneous

1. Reinstatement of Bernice M. LaFreniere as County Extension Agent, Home Economics, in Macomb County on September 1, 1960. Miss LaFreniere has been on sabbatical leave since September 21, 1959.
2. Change in status of Oswald Honkalehto, Lecturer in Economics, from half time at a salary of \$2700 per year to full time at a salary of \$5400 per year on a 10-month basis, effective September 1, 1960 to August 31, 1961.
3. Reinstatement of Richard F. Gonzalez, Assistant Professor of Personnel and Production Administration, to the University payroll, effective September 1, 1960. Dr. Gonzalez has been assigned to the Brazil Project since July 23, 1958.
4. Change in status of Hideya Kumata, Associate Professor of Communication Arts, from a 12-month basis to a 10-month basis, effective July 1, 1960.
5. Change in title of Dollie Kunkel from Instructor to Specialist in Education, effective September 1, 1960.
6. Change in status of Ernest O. Melby, Distinguished Professor of Education, from full time at \$16,500 per year to two-thirds time at a salary of \$11,000 per year, effective September 1, 1960.
7. Promotion of Harry G. Hedges from Instructor to Assistant Professor of Electrical Engineering, with a salary increase from \$6900 to \$8000 per year, effective September 1, 1960.
8. Promotion of Martin Glen Keeney from Instructor to Assistant Professor of Electrical Engineering, with a salary increase from \$8600 per year on a 12-month basis to \$10,000 per year on a 12-month basis, effective September 1, 1960.

Ch. status
Oswald Honka-
lehto

Reinstatement
Richard F.
Gonzalez
Sept. 1'60

Ch. status
Hideya Kumata
July 1'60

Ch. title
Dollie Kunkel

Ch. status
Ernest O.
Melby

Ch. title
Harry Hedges
to Asst. Prof.

Ch. title to
Asst. Prof.
Martin Keeney

On motion by Mr. Vanderploeg, seconded by Dr. Smith, it was voted to approve the Resignations, Appointments, Leaves, Transfers and Salary Changes, and the above Miscellaneous Items.

NEW BUSINESS, continuedMiscellaneous, continued

9. Change in status of Betty I. Monroe, Assistant Professor of Textiles, Clothing, and Related Arts, from a regular appointment subject to tenure rules, to a one-year appointment from September 1, 1960 to August 31, 1961. Ch. status Betty Monroe
10. Cancellation of leave of absence with half pay for Ray Hutson, Professor and Head of the Entomology Department. Cancellation leave Ray Hutson
11. Change in status of Arthur Sherbo, Associate Professor of English, from a 12-month basis at a salary of \$10,150 to a 10-month basis at a salary of \$8550 per year, effective September 1, 1960. Ch. status Arthur Sherbo
12. Change in status of Sam S. Baskett, Assistant Professor of English, from a 10-month basis at a salary of \$7300 per year to a 12-month basis at a salary of \$8900 per year, effective September 1, 1960. Ch. status Sam S. Baskett
13. Change in status of Challa R. Murty from Associate (Research) to Assistant Professor of Physics and Astronomy with a change in salary from \$4000 per year on a 12-month basis to a salary of \$5433 for the period from September 1, 1960 to June 30, 1961, paid \$2100 from 11-3691 and \$3333 from 71-2249. Ch. status Challa R. Murty
14. Continuation of William J. Callaghan, Associate Professor of Philosophy, as Acting Head of the Department at an additional salary of \$1500, effective from September 1, 1960 to August 31, 1961. Cont. Wm. J. Callaghan Act. Hd. Philos
15. Change in salary source for Fauzi M. Najjar, Assistant Professor of Social Science, as follows: Ch. salary source Fauzi M. Najjar
 - a. Paid from the Rockefeller grant, account 31-3136, from October 1, 1960 to September 30, 1961, with the amount of \$300 per month tax exempt.
 - b. Paid from University General from July 1 to September 30, 1960.
16. Change in status of James L. Page from Assistant Professor of Education to Assistant Professor of Education and Assistant Director in the Audio-Visual Center with a salary increase from \$8900 per year to \$9300 per year on a 12-month basis, paid 50% from 31-3888 and 50% from 11-4061, effective from September 1, 1960 to August 31, 1961. Ch. status James L. Page
17. Change in status of T. Harry McKinney, Associate Professor of Accounting and Financial Administration and Assistant to the Dean of University Services, to Associate Professor of Social Science and Admissions Office with a change in salary from \$10,500 per year on a 12-month basis to a salary of \$9,000 per year on a 10-month basis, effective September 1, 1960. Dr. McKinney is to be paid 50% from Admissions Office and 50% from the Dean's Office of the University College. Ch. status T. Harry McKinney
18. Assignment of Stanley E. Bryan, Professor of Personnel and Production Administration, to the Brazil Project at a salary of \$16,000 per year on a 12-month basis, effective from August 22, 1960 to August 21, 1962 paid from account 71-2028. Assignment Stanley E. Bryan to Brazil Proj.
19. Assignment of Paul V. Rumpsa, Chief Accountant in the Business Office, to the Nigeria Project at a salary of \$16,280 per year, effective from August 9 to September 16, 1960, paid from account 71-2024. Assignment Paul Rumpsa Nigeria Proj. 1 month
20. Additional designation as Coordinator of the Pakistan Project for William T. Ross, with his salary to be paid 40% by the University College and 60% from Pakistan account 71-2034. Wm. T. Ross Coord. Pakistan Project.
21. Assignment of Albert E. Levak, Associate Professor of Social Science, to the Pakistan Project at a salary of \$11,400 per year on a 12-month basis, effective from September 1, 1960 to August 31, 1962, paid from account 71-2034. Albert Levak assigned to Pakistan Proj.
22. Assignment of Frank S. Roop, Instructor in Mechanical Engineering, to the Ryukyus Project at a salary of \$10,800 per year on a 12-month basis, effective from September 21, 1960 to June 30, 1962, paid from account 71-2023. Frank S. Roop assigned to Ryukyus Proj.
23. Additional designation as Coordinator of the Taiwan Project for Maurice F. Perkins, Professor of Agriculture and International Programs, at a salary of \$12,000 per year, effective September 7, 1960, paid 40% from 71-2044 and 60% from 71-2026. Maurice F. Perkins Coord. Taiwan Proj.
24. Change in title of Lloyd D. Woodruff from Assistant Professor to Specialist in the Vietnam Project with a salary increase from \$9650 to \$10,450 per year on a 12-month basis, effective August 1, 1960 paid from account 71-2020. Ch. title Lloyd D. Woodruff to Spec. Vietnam
25. Recommendations from the Retirement Committee as follows: Retirement
 - a. Retirement of Ernest J. Wheeler, Associate Professor of Farm Crops, at a retirement salary of \$3000 per year, effective October 1, 1960. Mr. Wheeler was born on February 14, 1901, and has been an employee of the University since July 1, 1927.
 - b. Retirement of Agnes Sheehan, Secretary to the Dean of Business and Public Service, at a retirement salary of \$1328 per year, effective November 1, 1960. Mrs. Sheehan was born on August 5, 1900, and has been an employee of the University since September 15, 1943. She has requested disability retirement.
 and Agnes Sheehan
26. Report of the death of Elmer C. Wilcox on July 30, 1960. Mr. Wilcox was born April 6, 1889, was employed by the University on April 6, 1926 and was employed in the Business Office at the time of his retirement, October 1, 1951. Report of death Elmer Wilcox

NEW BUSINESS, continued

Miscellaneous, continued

Degrees
granted s.s.
1960

27. Approval of granting the appropriate degrees to those students who according to the records of the Registrar completed the requirements for graduation during the Summer School or summer quarter of 1960. (List on file in Registrar's Office).

Approval
several
recommenda-
tions Dir.
Personnel

28. Recommendations as follows from the Director of Personnel:
- a. Reclassification of a Clerk-Typist to a Clerk-Stenographer I position in Resource Development, paid 50% from account 11-3231 and 50% from account 71-6700.
 - b. Establishment of a Secretary-Departmental I position in the Speech Department paid from account 31-3624.
 - c. Establishment of a Research Aide IIB position in the College of Education, paid from account 71-2251.
 - d. Establishment of a Research Farm Supervisor IIB position in Veterinary Medicine, paid from account 71-6700
 - e. Reclassification of a Clerk-Stenographer I to a Secretary-Departmental I position, at Michigan State University-Oakland.
 - f. Reclassification of a Secretary-Departmental I to a Secretary-Departmental II position in the School for Advanced Graduate Studies and Research Development.
 - g. Reclassification of a Clerk-Stenographer I to a Secretary-Departmental II position in the School for Advanced Graduate Studies and Research Development.
 - h. Establishment of a Graphics Technician III position in the Audio-Visual Center, paid on the labor payroll from account 21-3005.
 - i. Establishment of a Clerk-Typist position in the Registrar's Office, paid from account 21-3026.
 - j. Reclassification of a Clerk-Stenographer I to a Secretary-Departmental I position in Buildings and Utilities.
 - k. Reclassify an Assistant Staging Supervisor III to a Producer-Director V in Tele- vision Broadcasting.
 - l. Establishment of a Professional Fraternity Graduate Adviser position in the Men's Division of the Dean of Students Office.
 - m. Establishment of a Fraternity Housemother position in the Men's Division of the Dean of Students Office.

Approval
alterations
and improve-
ment items

29. Alteration and Improvement Items:
- a. Cut double ceiling height by putting full floor in Room 15, Physics- Mathematics Building, thereby acquiring additional space for Physics Department, not to exceed \$6,000
 - b. Alterations to Rooms 512, 515, and 602, Electrical Engineering Building, not to exceed 5,000
 - c. Convert Quonset 86 for Police Administration to six offices and open area which may be used as student study area, not to exceed 4,000
 - d. Alterations to Room 308, Chemistry Building to provide adequate lighting, baffle-board protection, and adequate water and gas facilities to laboratory tables and shelving 5,100

On motion by Dr. Smith, seconded by Mr. Harlan, it was voted to approve the above alteration items.

30. Workmen's Compensation Report for the period from January 1 to June 30, 1960:

Amount paid as accident time	\$3,454.18
Amount paid as compensation	8,680.11
MSU Health Center Charges	3,144.50
Off-Campus Medical Service	3,136.61

Appt. George
Johnson Niger.
Project.

31. Appointment of George Johnson as Professor of Education at a salary of \$15,000 per year on a 12-month basis, effective September 12, 1960. Dr. Johnson is to be assigned to the Nigeria project as Head of the Michigan State University Group at a salary of \$17,000 per year effective September 12, 1960.

On motion by Dr. Smith, seconded by Mr. Merriman, it was voted to approve the appointment of Dr. Johnson. It is understood that upon his return, Dr. Johnson will become a member of the College of Education staff.

Ch. title
John Caldwell
to Produc &
Facilities
Mgr.

32. Change in title of John T. Caldwell from Producer-Director to Production and Facilities Manager of Television Broadcasting at the same salary of \$7000 per year on a 12-month basis, effective September 1, 1960.

Ch. title
Lee C. Frisch-
knecht

33. Change in title of Lee C. Frischknecht from Production and Facilities Manager to Program Manager in Television Broadcasting with a salary increase from \$7,800 to \$8,300 per year on a 12-month basis, effective September 1, 1960.

ICA project
in Brazil
extended

34. Extension of the cooperative project with the International Cooperation Administration in Brazil extending the contract through August 31, 1962, and providing additional funds in the amount of \$220,398.

Several
communications
from persons
re: poor
facilities for
Forestry

35. Communications have been received from the following urging the Trustees to take favorable action that will assure at the earliest possible moment more adequate facilities for housing the Department of Forestry and related departments

Gordon J. Gray, Denver, Colorado Rowland W. Blair, Filer, City, Mich.
Roland A. Rouse, Iron Mountain, Michigan

NEW BUSINESS, continuedMiscellaneous, continued

35. Communications urging more adequate facilities for Department of Forestry, continued:

Clare Hendee, Chevy Chase, Md. Wm. A. Henriksen, Marquette, Mich.
 R. C. Hammerschmidt, Marquette, Mich. Senator Lloyd A. Stephens, Scottville, Mich.
 Fred M. Arnold, Ann Arbor, Michigan George Divine, Crystal Falls, Michigan

36. The attention of the Trustees is called to the annual meeting of the Association of Governing Boards to be held in Seattle, Washington, October 19-22.

37. Approval of the payroll for the second session of the Summer School, as follows:

Including grants	\$207,578.70
University Funds	179,841.35

Approval
payroll 2nd
summer
session

Gifts and Grants

Gifts and
Grants

1. Gift of miscellaneous mechanical parts from the Chain Belt Company of Milwaukee, Wisconsin, for use in the Agricultural Engineering Department. The gift is valued at \$150.
2. Gift of miscellaneous equipment valued at \$3700.35 from The Creamery Package Manufacturing Company of Chicago for use in the Dairy Plant for research and dairy product processing.
3. Gift of an automatic resuscitator and anesthetizer and a regulator valued at \$300 from the National Cylinder Gas Company of Ferndale to be used for experimental work on animal anesthesia in the Department of Surgery and Medicine.
4. Gift of a 1954 model Staked Ford Truck valued at \$1215.57 from Russell Jameson of Saginaw to be used for field museum operations to gather materials for preservation for the Museum.
5. Grants to be used for scholarship purposes as follows:
 - a. \$300 from Edouard Morot-Sir, Cultural Counselor, Ambassade de France, given in the name of the French Government as a contribution to assist deserving students in the French Department.
 - b. To establish new scholarships:
 - 1) \$1,000 from the Edward C. Hough and Mary Hough Kimble Foundation to provide financial assistance to students at the freshman and sophomore levels.
 - 2) \$300 from the Purchasing Agents Association of Saginaw to be granted to a junior or senior or graduate student in the field of purchasing in the College of Business and Public Service.
 - 3) \$1,000 from the Mississippi Valley Structural Steel Company of Decatur, Illinois, to establish a scholarship won by Ramon C. Eissinger of Flushing. The student is to receive \$250 each year for four years.
 - 4) \$350 from the Sutherland Oil Company of Oxford to provide financial assistance to a member of the 1958 graduating class of Oxford High School, preferably a girl. The recipient must rank in the upper 15% of the graduating class scholastically, be a new enrollee at Michigan State University, and show desire and need for scholarship aid.
 - 5) \$2000 from Radio Station WWJ of Detroit to provide two \$1,000 scholarships for the 1961-62 academic year. These are to be awarded to junior or senior students who are studying radio or television with either commercial or educational broadcasting as a career goal. Students should be able to demonstrate financial need and be living in Michigan.
 - 6) \$300 from the Milton Feldbaum Memorial Scholarship of Philadelphia to provide financial assistance for a deserving student enrolled in the School of Packaging for the 1960-61 year.
 - c. To provide scholarships for students participating in the Detroit Cooperative Counselor Training Program for the summer of 1960:
 - 1) \$600 from The Detroit Edison Company
 - 2) \$200 from the Ford Motor Company
 - 3) \$200 from the General Electric Company
 - 4) \$300 from the National Bank of Detroit
 - 5) \$200 from the Second National Bank & Trust Company
 - 6) \$200 from the Michigan Bell Telephone Company
 - 7) \$300 from the J. L. Hudson Company
 - 8) \$200 from Wolverine Tube of Calumet & Hecla, Inc.
 - 9) \$300 from the Ex-Cell-O Corporation
 - 10) \$200 from Mobil Oil Company
 - 11) \$200 from Udylite Corporation
 - 12) \$100 from Greenfield Mills Restaurant Company
 - 13) \$300 from S. S. Kresge Company
 - 14) \$200 from Montgomery Ward
 - 15) \$200 from International Union, United Auto, Aircraft & Agricultural Implement
 - 16) \$200 from The Budd Company
 - 17) \$200 from Sams, Inc.
 - d. To continue previously established scholarships:
 - 1) \$750 from The Kroger Company for 3 scholarships in the College of Agriculture.
 - 2) \$750 from The Kroger Company of Cincinnati for 3 scholarships for freshmen entering the College of Home Economics.
 - 3) \$4,200 from The Sears-Roebuck Foundation of Chicago for 13 scholarships for freshmen and 1 special sophomore award made to the outstanding scholarship winner of the previous year.

NEW BUSINESS, continuedGifts and
GrantsGifts and Grants, continued

5. Grants for scholarships, continued:

- d. To continue previously established scholarships:
 - 4) \$100 from the First Security Bank of Ionia to be credited to the Michigan Bankers Scholarship Fund.
 - 5) \$100 from the Dowagiac National Bank to be credited to the Michigan Bankers Scholarship Fund
 - 6) \$1,500 from Philip Morris, Inc., of New York City to be added to the Grocery Manufacturers Scholarship.
 - 7) \$30,300 from the William & Sarah E. Hinman Endowment Fund of Lansing for continuation of the Scholarships for 1960-61.
 - e. To aid specified students:
 - 1) \$500 from the Corson Scholarship Fund of Pittsburgh.
 - 2) \$150 from Ipswich Public Schools of Massachusetts.
 - 3) \$2020 from the Air Force Aid Society of Washington, D.C.
 - 4) \$400 from the Werner Endowment Fund of Marquette
 - 5) \$175 from the Wendell Humes Scholarship Fund of Algonac
 - 6) \$200 from the Jessie Davenport Scholarship Fund of Detroit
 - 7) \$500 from the Gertrude Skelly Trust of Tulsa, Oklahoma
 - 8) \$300 from the Harry S. Hilliker Scholarship Fund of Buffalo, New York
 - 9) \$250 from the Ferndale Teachers Credit Union.
 - 10) \$500 from the United Air Lines Foundation of Chicago
 - 11) \$300 from Warren High School
 - 12) \$375 from Frank Gannett Newspaperboy Scholarship, Inc., of Rochester, New York.
 - 13) \$600 from The Michigan Home Economics Extension Council of Kalamazoo
 - 14) \$1,000 from the Loeb Farm School for Jewish Children, Inc., of Chicago
 - 15) \$250 from the Dekalb Agricultural Association, Inc., of De Kalb, Illinois
 - 16) \$700 from The Cook Foundation of Hamden, Connecticut
 - 17) \$840 from the Oscar Mayer Foundation, Inc., of Madison, Wisconsin.
 - 18) \$600 from The Ohio Oil Company of Findlay, Ohio
 - 19) \$500 from The John Huntington Fund for Education of Cleveland
 - 20) \$200 from the Wayne Federation of Teachers of Wayne
 - 21) \$500 from Sea Venture Limited of Hamilton, Bermuda
 - 22) \$700 from Wayne Memorial High School of Wayne
 - 23) \$500 from the Jewel Tea Company, Inc., of Melrose Park, Illinois
 - 24) \$500 from the National Guard Association of Massachusetts of Boston
 - 25) \$200 from The Sears-Roebuck Foundation of Memphis, Tennessee
 - 26) \$300 from the Ionia County Home Economics Extension of Ionia
 - 27) \$255 from the Kalamazoo Gazette
 - 28) \$500 from The Paul A. Johnson Foundation of Grand Haven
 - 29) \$100 from the Michigan Society for Crippled Children and Adults, Inc., of Detroit
 - 30) \$2,205 from the University of Puerto Rico
 - f. To be credited to the Michigan State University-Oakland Scholarship Fund, 1960-61:
 - 1) \$500 from Roy Fruehauf Foundation, Inc., of Detroit
 - 2) \$75 from the Utica Community Schools
 - 3) \$60 from the First Presbyterian Church of Pontiac
 - 4) \$120 from the Rochester Ministerial Association
 - 5) \$50 from the Women's Auxiliary, Jimmie Day Amvet Post #12 of Pontiac
 - 6) \$50 from the Cooperative Vacation Church School of Rochester
 - 7) \$1,000 from The Pontiac Press
 - 8) \$300 from Consumers Power Company of Pontiac
6. Approval of a memorandum of agreement with the Board of Supervisors of Emmet County covering a grant of \$1,166.69 to be used under the direction of N. P. Ralston in the Cooperative Extension Service as a contribution toward the salary of a third county extension agent assigned to Emmet County.
 7. Renewal of a memorandum of agreement with the Board of Supervisors of St. Joseph County covering a grant of \$1,500 to be used under the direction of N. P. Ralston as a contribution toward the salary of an additional county extension agent assigned to St. Joseph County.
 8. Renewal of a memorandum of agreement with the Board of Supervisors of Osceola County covering a grant of \$1,333.33 to be used under the direction of N. P. Ralston to cover in part the salary of a 4-H Club Agent in Osceola County.
 9. Renewal of a memorandum of agreement with the National Institutes of Health of Bethesda, Md. covering a grant of \$21,938 to be used under the direction of Allen S. Fox in Agricultural Chemistry for immunogenetic and biochemical studies of drosophila and Neurospora. The agreement provides for special graduate research assistance.
 10. Renewal of a memorandum of agreement with the National Institutes of Health covering a grant of \$500 to be used under the direction of W. A. Wood in Agricultural Chemistry for a study of carbohydrate utilization by microorganisms.
 11. 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 H. M. Sell in Agricultural Chemistry to study the biochemistry of natural and synthetic growth substances as applied to higher plants. The agreement provides for special graduate research assistants.
 12. Renewal of a memorandum of agreement with the Agricultural Research Service covering a grant of \$5,000 and with the Agricultural Marketing Service covering a grant of \$5,000 to be used under the direction of W. H. Vincent in Agricultural Economics for experiments relating to the possible establishment of a Farmers' Continuous Reporting System.

NEW BUSINESS, continuedGifts and Grants, continued:Gifts and
Grants

13. Renewal of a memorandum of agreement with the Tennessee Valley Authority of Knoxville, Tennessee, covering a grant of \$6,500 to be used under the direction of R. L. Cook in Soil Science and G. L. Johnson in Agricultural Economics to facilitate field and other experimental work and statistical computations for methodological work in determining the effects of various plant nutrients on crop yield response.
14. Renewal of a memorandum of agreement with the National Silo Association of Louisville, Kentucky covering a grant of \$1,500 to be used under the direction of A. W. Farrall in Agricultural Engineering to carry on research on physical conditions in farm silos.
15. Approval of 2 memoranda of agreement with the United States Steel Corporation of Pittsburgh for work under the direction of A. W. Farrall in Agricultural Engineering, as follows:
 - a. \$3,000 for research on farm fence construction to determine the resistance to overturning of a mechanically driven steel corner assembly.
 - b. \$2,500 for research on farm fence construction to determine the proper tension in fences and develop a practical method of measuring the tension in fences.
16. Renewal of a memorandum of agreement with the State Association of Mutual Insurance Companies of Lansing covering a grant of \$5,000 to be used under the direction of A.W. Farrall in Agricultural Engineering to provide a full-time rural fire prevention and safety specialist and a more adequate operating budget.
17. Renewal of a memorandum of agreement with the Michigan Heart Association of Detroit covering a grant of \$6,000 to be used under the direction of A. W. Farrall in Agricultural Engineering for research into measurement and analysis of energy expenditure and high stress levels of farm operators working in and around the farmstead.
18. Renewal of a memorandum of agreement with the Agricultural Engineering Research Division of the United States Department of Agriculture covering a grant of \$1,500 to be used under the direction of A. W. Farrall in Agricultural Engineering for research into structural requirements for silos, and methods of making, storing, and feeding silage, with particular emphasis on the effect of various types of forage on the structural requirements of the silo.
19. Approval of a memorandum of agreement with the Ford Motor Company of Dearborn covering a grant of \$5,000 to be used under the direction of A. W. Farrall in Agricultural Engineering to study materials handling of agricultural products with trucks. The agreement provides for a special graduate research assistant.
20. Approval of a memorandum of agreement with The Scott Viner Company of Columbus, Ohio, covering a grant of \$2,000 to be used under the direction of A. W. Farrall in Agricultural Engineering for research into the development of principles to accomplish the mechanical harvesting of cabbage and other like vegetables.
21. Renewal of a memorandum of agreement with the Wisconsin-Minnesota Bull Stud Group covering a grant of \$8,000 to be used under the direction of M. J. Gordon in Dairy to attempt to separate x-chromosome and y-chromosome bearing spermatozoa of the rabbit and bull.
22. Renewal of a memorandum of agreement with the American Dehydrators Association of Kansas City, Missouri, covering a grant of \$5,000 to be used under the direction of C. A. Lassiter in Dairy to study the value of dehydrated alfalfa pellets as a supplement to a grain-corn-silage ration for milk production.
23. Renewal of a memorandum of agreement with the Michigan Hybrid Seed Company of East Lansing covering a grant of \$500 to be used under the direction of E. C. Rossman in Farm Crops to assist with the field corn breeding research.
24. Renewal of a memorandum of agreement with the Michigan Certified Hybrid Seed Corn Producers Association of East Lansing covering a grant of \$10,579.20 to be used under the direction of E. C. Rossman in Farm Crops to develop improved corn hybrids for Michigan and to continue fundamental studies of corn breeding methods and corn genetics.
25. Approval of a memorandum of agreement with the Geigy Agricultural Chemicals Company of Yonkers, New York, covering a grant of \$500 to be used under the direction of W. F. Meggitt in Farm Crops to evaluate triazine compounds when applied for weed control under various treatments.
26. Renewal of a memorandum of agreement with the Atomic Energy Commission of Washington, D.C., covering a grant of \$13,663 to be used under the direction of R. C. Ball in Fisheries and Wildlife for a study of productivity in a stream ecosystem. The agreement provides for special graduate research assistants.
27. Renewal of a memorandum of agreement with the Wildlife Management Institute of Washington, D.C. covering a grant of \$600 to be used under the direction of A. A. Petrides in Fisheries and Wildlife for the study of two cottontail rabbit populations.
28. Grant of \$8,970 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of A. M. Pearson in Food Science to investigate the usefulness of body volume determination by air displacement in live animals as a means of measuring body composition. Provision is made for special graduate research assistants.
29. Grant of \$3,000 from The Griffith Laboratories, Inc., of Chicago to be used under the direction of B. S. Schweigert in Food Science for the support of a graduate student fellowship.

NEW BUSINESS, continuedGifts and
GrantsGifts and Grants, continued

30. Grant of \$1,500 from the Mobilehome Dealers National Association of Chicago to be used under the direction of A. J. Panshin in Forest Products for a continuation of the Mobile Homes Education program.
31. Grant of \$9,000 from the Mobile Homes Manufacturers Association of Chicago to be used under the direction of A. J. Panshin in Forest Products for a continuation of the Mobile Homes Education program.
32. Approval of a memorandum of agreement with Rhodia, Inc., of New York City, covering a grant of \$1,000 to be used under the direction of S. H. Wittwer in Horticulture for an evaluation of certain fruit setting agents for tomatoes.
33. Renewal of a memorandum of agreement with the American Agricultural Chemical Company of Detroit covering a grant of \$2,500 to be used under the direction of J. F. Davis, Kirkpatrick Lawton, and L. N. Shepherd in Soil Science to evaluate the effect of forms of phosphate carriers containing gypsum and those lacking in gypsum on the yield and chemical composition of the crop and on the changes in nutrient status in soils.
34. Renewal of memoranda of agreement with W. R. Grace & Co. of Clarksville, Maryland, for work in Soil Science, as follows:
 - a. \$1,000 to be used under the direction of R. L. Cook and Kirkpatrick Lawton to determine the effectiveness of phosphate fertilizers in the production of corn and alfalfa.
 - b. \$1,000 to be used under the direction of James Tyson to determine the agronomic value of slowly available forms of nitrogen.
35. Grant of \$500 from the Michigan National Bank of Lansing to be used under the direction of J. D. Edwards in Accounting and Financial Administration to promote banking and students majoring in banking.
36. Grant of \$9,945 from The Rockefeller Foundation of New York City to be used under the direction of B. P. Pesek in Economics for a study of the Cobb-Douglas production function.
37. Grant of \$40,000 from the United States Small Business Administration of Washington, D.C. to be used under the direction of David G. Moore in Personnel and Production Administration to examine the role of the entrepreneur in the establishment of new businesses; to measure attitudinal and behavioral differences between entrepreneurs and business "bureaucrats"; to identify the deeper social and psychological factors which influence entrepreneurs; to explore broad influences which generate entrepreneurial motivation. Provision is made for special graduate research assistants.
38. Renewal of a memorandum of agreement with the United States Office of Education covering a grant of \$250 to be used under the direction of LeRoy C. Ferguson in Political Science to provide for extra copies of a research report.
39. Grant of \$7,485 from the Department of Health, Education, and Welfare Office of Vocational Rehabilitation of Washington, D.C., to be used under the direction of H. J. Oyer in Speech to provide a part-time teacher and two graduate trainees to study in the field of vocational rehabilitation in speech and hearing science.
40. Renewal of a memorandum of agreement with the Office of Vocational Rehabilitation of the Department of Health, Education, and Welfare covering a grant of \$87,110 to be used under the direction of G. A. Miller in Education to continue training rehabilitation counselors.
41. Grant of \$567 from the United States Office of Education of Washington, D.C., to be used under the direction of Walter Johnson in Education to conduct a Counseling and Guidance Institute during the 1960 summer session. Provision is made for special graduate research assistants.
42. Approval of a memorandum of agreement with the Division of Vocational Education of the Michigan Department of Public Instruction of Lansing covering a grant of \$25,000 to be used under the direction of Lawrence Borosage in Education for a state-wide study of vocational education.
44. Grant of \$2,000 from JETS, Incorporated of East Lansing for the support of the JETS program under the direction of R. T. Fallon in Engineering.
45. Grant of \$2,000 from the Eastman Kodak Company of Rochester, New York, to be used under the direction of the Engineering College Fellowship Committee to provide assistance for a capable graduate student working on his Master of Science in Engineering.
46. Grant of \$7200 from the United States Steel Foundation, Inc., of New York City to be used to establish a single 2-year graduate study fellowship, \$3000 for the fellow, \$3000 for added costs or needs of the University, and \$1200 to accrue to the fellow as his marriage stipend for the 2-year period.
47. Renewal of a memorandum of agreement with the National Science Foundation of Washington, D.C., covering a grant of \$17,590 to be used under the direction of Dean Ryder in Engineering to support the preparation and presentation of 16 academic units in the JETS program.

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

48. Grant of \$77,557 from the United States Office of Education of Washington, D C., to be used under the direction of E. H. Jacobson in the Office of the Dean of Science and Arts to carry out basic research and prepare instructional materials for certain West African languages (Bini, Yoruba, Ibo, and Twi).
49. Grant of \$39,500 from the National Science Foundation of Washington, D.C., to be used under the direction of J. E. Cantlon in Botany for experimental studies of mechanisms in biotic community organization. Provision is made for special graduate research assistants.
50. Grants from the National Institutes of Health of Bethesda, Maryland, to be used in Botany and Plant Pathology, as follows:
 - a. \$11,270 under the direction of J. H. Beaman for studies of the taxonomy and ecology of poison ivy and poison oak.
 - b. \$4,857 under the direction of E. H. Barnes to investigate the biochemical host-parasite interactions of the strawberry and selected pathogens.
51. Renewal of a memorandum of agreement with the Malting Barley Improvement Association of Milwaukee covering a grant of \$300 to be used under the direction of W. B. Drew and E. H. Pepper in Botany to permit the completion of research and the preparation of the doctoral dissertation and published material based on this research program.
52. Renewal of a memorandum of agreement with the American Cyanamid Company of New York City covering a grant of \$1,000 to be used under the direction of E. J. Klos in Botany to study Cyprex in the greenhouse as a systemmic on apple scab and cherry leaf spot control.
53. Approval of a memorandum of agreement with the R. T. Vanderbilt Company, Inc., of New York City covering a grant of \$400 to be used under the direction of E. J. Klos in Botany to test Vancide F-1655A as a protectant against apple scab.
54. Approval of a memorandum of agreement with the W. H. Barber Chemical Company of Chicago covering a grant of \$220 to be used under the direction of H. S. Potter in Botany to determine the effectiveness and the economic potential of Barber Pre-Plant as a seedbed treating agent for control of disease, weeds, and other pests.
55. Renewal of a memorandum of agreement with the Nitrogen Division of Allied Chemical Corporation of New York City covering a grant of \$300 to be used under the direction of H. S. Potter in Botany to continue field research to evaluate the effectiveness of area-formaldehyde for control of potato scab using different methods of application.
56. Approval of a memorandum of agreement with Chemagro Corporation of Kansas City, Missouri covering a grant of \$300 to be used under the direction of G. E. Guyer in Entomology to evaluate the effectiveness of new insecticides on Michigan vegetable and forage insects and to provide residue samples for labeling and approval of new pesticides.
57. Renewal of a memorandum of agreement with the National Institutes of Health of Bethesda, Maryland, covering a grant of \$4,370 to be used under the direction of P. J. Clark in Zoology to investigate the inter-relationship among fertility and various psychometric and anthropometric variables in human twins.
58. Grant of \$270 from the United States Office of Education of Washington, D.C., to be used under the direction of G. J. Joyaux in Foreign Languages to cover additional stipends for the language institute participants.
59. Grant of \$36,100 from the National Science Foundation of Washington, D.C., to be used under the direction of Harold Hart in Chemistry for fundamental studies in organic chemistry. Provision is made for special graduate research assistants.
60. Grant of \$1,868 from E. I. DuPont de Nemours and Company of Wilmington, Delaware, to be used under the direction of L. L. Quill in Chemistry for the support of a postgraduate teaching fellow with the fellow receiving \$1,368 and the University \$500.
61. Grants from the National Institutes of Health of Bethesda, Maryland, to be used in the Chemistry Department as follows:
 - a. \$13,249 under the direction of J. C. Speck, Jr. for an investigation of active cores of carbohydrases. Provision is made for special graduate research assistants.
 - b. \$11,873 under the direction of G. L. Kilgour for research on the Chemistry and biochemistry of inositol phosphates. Provision is made for special graduate research assistants.
 - c. \$10,925 under the direction of R. U. Byerrum for research on carbon dioxide to methyl groups in photosynthesis. Provision is made for special graduate research assistants
62. Renewal of a memorandum of agreement with Parke, Davis and Company of Detroit covering a grant of \$2,500 to be used under the direction of Robert Herbst in Chemistry for a fellowship for some outstanding graduate student in the field of organic chemistry.
63. Grant of \$3,645 from the Socony Mobil Oil Company of Camden, New Jersey, to be used under the direction of Andrew Timnick in Chemistry to provide a fellowship for a graduate student majoring in analytical chemistry.

NEW BUSINESS, continuedGifts and
GrantsGifts and Grants, continued

64. Grant of \$15,600 from the National Science Foundation of Washington, D.C., to be used under the direction of Paul Bakan in Psychology for research on the kinesthetic after-effects.
65. Grant of \$550 from the Social Science Research Council of New York City to be used under the direction of Frank Restle in Psychology to supplement his salary.
66. Grant of \$500 from the United States Office of Education of Washington, D.C., to be used under the direction of A. O. Haller in Sociology and Anthropology to prepare 100 copies of a final report of a project on relation of occupational aspiration to educational, social, and psychological factors.
67. Grant of \$1,220 from the Inter-University Committee on Travel Grants of New York City to be used by F. I. Kaplan in Humanities for participation in the Soviet-American Graduate student and young Instructor Exchange for 1960-61.
68. Grant of \$250 from the American Philosophical Society of Philadelphia to be used under the direction of Richard J. Seltin in Natural Science to collect fossils of Permian Vertebrates.
69. Grant of \$15,000 from The American Cancer Society, Inc., of New York City to be used under the direction of J. J. Stockton in Microbiology and Public Health to support fundamental studies related to cancer. The American Cancer Society requests no publicity be given this grant until their Michigan Division has arranged for an appropriate and mutually satisfactory public announcement.
70. Renewal of a memorandum of agreement with the National Institutes of Health of Bethesda, Maryland, covering a grant of \$7,360 to be used under the direction of H. L. Sadoff in Microbiology and Public Health to investigate the mechanism of heat resistance of bacterial endospores using heat resistant enzymes as models. The memorandum provides for a special graduate research assistant.
71. Renewal of a memorandum of agreement with the United States Department of Agriculture of Washington covering a grant of \$25,000 to be used under the direction of Dean Armistead in Microbiology and Public Health and Veterinary Pathology to evaluate the effectiveness of the federal tuberculosis eradication program through diagnostic procedures.
72. Approval of a memorandum of agreement with the Dow Chemical Company of Midland covering a grant of \$1,500 to be used under the direction of W. L. Mallmann in Microbiology and Public Health for the development of methods for bactericidal assay of chemicals in solids.
73. Approval of a memorandum of agreement with the Eaton Laboratories of Norwich, New York, covering a grant of \$5,000 to be used under the direction of R. G. Schirmer and W. O. Brinker in Surgery and Medicine for a fellowship for a graduate student.
74. Grant of \$1,200 from Eli Lilly and Company of Indianapolis to be used under the direction of C. K. Whitehair in Veterinary Pathology to support a research program on diseases in swine.
75. Approval of an agreement with the International Cooperation Administration of Washington covering a grant of \$150,000 to be used under the direction of Dean Taggart in International Programs and Dean Combs in University Services to render technical advice and assistance to the United States of Brazil to establish an audio-visual training section within the Regional Education Research Center in Sao Paulo.
76. Approval of an agreement with the International Cooperation Administration covering a grant of \$695,000 to be used under the direction of Dean Taggart in International Programs and Dean Ryder in Engineering to render technical advice and assistance to the Government of India for the purpose of establishing teacher-training programs in engineering at Guindy College of Engineering at Madras and Poona Engineering College at Poona.
77. Grant of \$225 from the United States Office of Education of Washington to be used under the direction of P. L. Dressel in Institutional Research for the printing of additional copies of "Critical Thinking, Attitudes, and Values".
78. Grant of \$250,000 from the United States Office of Education, Department of Health, Education, and Welfare of Washington. This is the third annual allocation of the maximum amount for the National Defense Student Loan Program.
79. Grant of \$3,000 from Mrs. E. A. Bessey of East Lansing to establish the E. A. Bessey Memorial Fund. This amount is to be invested and the income used to provide an annual award to a graduate student in Botany and Plant Pathology under the direction of William B. Drew. This gift came through the MSU Development Fund.
80. Renewal of a memorandum of agreement with the Malting Barley Improvement Association of Milwaukee covering a grant of \$3,000 to be used under the direction of John E. Grafius in Farm Crops for research toward incorporating malting quality into winter barley. The agreement provides for a special graduate research assistant.
81. Grant of \$16,057 from the National Institutes of Health of Washington, D.C., to be used under the direction of I. J. Pflug in Food Science for research on the destruction of bacteria by heat. Provision is made for special graduate research assistants.

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

82. Grant of \$2,000 from the National Newspaper Promotion Association of Birmingham, Alabama, to be used under the direction of Paul J. Deutschmann in the Communications Research Center to develop a series of case histories of newspaper research activity leading to a broader study of the field.
83. Grant of \$500 from Chevrolet Motor Division, General Motors Corporation, of Warren, Michigan to be used under the direction of R. T. Hinkle in Mechanical Engineering to help defray the cost of research work performed by a Chevrolet-sponsored graduate student in Mechanical Engineering.
84. Renewal of a memorandum of agreement with the Agricultural Marketing Service of the United States Department of Agriculture of Washington covering a grant of \$600 to be used under the direction of J. A. Beegle and Jay W. Artis in Sociology and Anthropology to continue the study of the activities of persons in selected occupations in local communities with special reference to high school students' intentions to migrate.
85. Grant of \$202.30 from friends of Harlo M. Mork and alumni of East Lansing to be used under the direction of the Library Committee in Chemistry to create an endowment fund to be put at interest, the earnings to be used in making additions to the Department of Chemistry Library.
86. Grant of \$6500 from the Mark L. Morris Animal Foundation of Denver, Colorado, to be used under the direction of G. H. Conner in Surgery and Medicine for electrophoretic studies on canine serum. Provision is made for a special graduate research assistant.
87. Approval of a memorandum of agreement with the Mark L. Morris Foundation covering a grant of \$5,155 to be used under the direction of C. K. Whitehair and G. L. Waxler in Veterinary Pathology for a senior fellowship to study the technique of rearing germfree puppies and to determine pertinent tissue composition of puppies raised germfree.
88. Renewal of a memorandum of agreement with the Michigan Artificial Breeders Cooperative, Inc. of East Lansing covering a grant of \$15,761.77 to be used under the direction of C. C. Morrill and S. D. Sleight in Veterinary Pathology and Microbiology and Public Health to continue investigation into diseases affecting the breeding efficiency of dairy cattle and bulls, with particular emphasis on leptospirosis.
89. Gift from Dean and Mrs. Thomas H. Osgood of a number of home furnishings, art objects, and books valued at \$6,687 for the University Museum. The detailed list is on file in the Secretary's Office.
90. Additional grants for scholarship purposes, as follows:
 - a. Grant of \$45 from the Richmond Community School for aid for deserving members of the Honors College. This is in lieu of an honorarium to Dr. Idzerda.
 - b. To continue previously established scholarships:
 - 1) \$500 from the Ventoura Corporation of Elwood, Indiana
 - 2) \$350 from The State Journal of Lansing for the State Journal Journalism Scholarship.
 - 3) \$500 from the Charles and Helen Smillie Foundation of Ferndale.
 - 4) \$500 from Mr. and Mrs. L. C. Plant of East Lansing for the L. C. Plant Mathematics Scholarship Award Fund.
 - c. To aid specified students:
 - 1) \$250 from The Coatesville Jaycees of Coatesville, Pennsylvania
 - 2) \$350 from The Cook Foundation of Connecticut, Inc., of Hamden
 - 3) \$568.34 from The Rotary Club of Battle Creek
 - 4) \$100 from the Chi Omega Alumni Association of Evanston, Illinois
 - 5) \$800 from the Air Force Aid Society of Washington, D.C.
 - 6) \$125 from The Rockford High School of Rockford
 - 7) \$500 from the American Hotel Foundation of New York City for the Thomas D. Green Memorial Scholarship.
 - 8) \$300 from the Calhoun County Medical Society of Battle Creek
 - 9) \$672 from The Green Foundation, Inc., of Jamaica, New York
 - 10) \$200 from The American Legion of Detroit for the Guy M. Wilson Scholarships
 - 11) \$875 from the African-American Institute of New York City
 - 12) \$400 from the Worthing Scholarship Fund of Houston, Texas
 - 13) \$1,500 from Tiscornia Foundation, Inc., of St. Joseph
 - 14) \$1,750 from the Florists' Telegraph Delivery Association Foundation for Future Florists of Detroit for 7 scholarships
 - 15) \$187 from The Board of Home Missions of New York City
 - 16) \$200 from The American Baptist Student Aid Fund of New York City
 - 17) \$758.40 from the M & S Sales Company of Hudson for 3 scholarships
 - 18) \$600 from Knights of Columbus, New York State Council, of New York City

On motion by Mr. Stevens, seconded by Mr. Merriman, it was voted to approve all Miscellaneous Items and Gifts and Grants.

NEW BUSINESS, continuedReports for Board Members

1. The following alteration and improvement items have been approved since the meeting of the Board of Trustees on July 14:

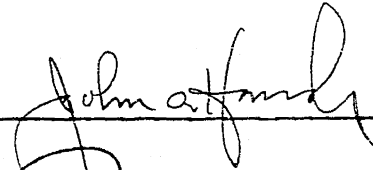
Improve lighting 103 Music Practice Building	\$ 180
Alterations to Rooms 36 and 38, Building B-2, South Campus for Business Services	300
Improve ventilation Room 447A, Berkey Hall	560
Alterations to Rooms 105, 106, 108, Natural Science Building	900
Alterations to Room 302A, Home Economics Building	1,000
Alterations to Room 110, Morrill Hall, for Centennial Review so that Dr. Nye may have Centennial Review offices	1,400
Replace present corridor pushbutton stations on elevator in Men's Intramural Building with key-operated ones	270
4" diameter well drilled at sawmill	700
Replace blackboard Room 21, Building A-7, South Campus	220
Improve lighting Room 220, Morrill Hall, for Social Work	120
Equip Room 216 Berkey Hall with projection screen and shades for Audio-Visual teaching	257
	<u>\$5,907</u>

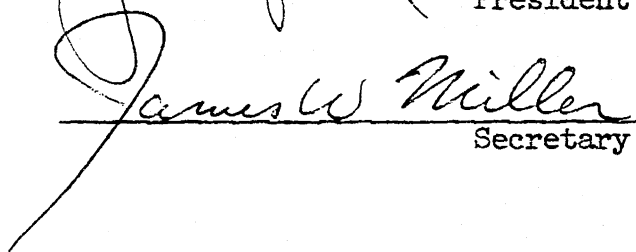
2. Additional payments to staff members since the Board meeting on July 14, as per list on file.

On motion by Mr. Stevens, seconded by Mr. Merriman, it was voted to approve all items on which action does not appear.

The meeting adjourned at 3:15 p.m.

The next meeting will be held Friday, October 28, 1960.


President


Secretary