

MINUTES OF THE MEETING
of the
FINANCE COMMITTEE
September 20, 1963

The Finance Committee convened at Kellogg Center at 11:00 a.m.

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

Absent: Dr. Bartlett

Investment
recommenda-
tions

1. Recommendations on investments from Scudder, Stevens & Clark and Mr. Cress, as follows:

Pension and Retirement Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend purchasing:					
\$100,000	United Aircraft Subordinate Convertible 4 $\frac{1}{2}$ s-1988	110	\$110,000	\$4,500	3.9%
300,000	Federal Home Loan Bank 3.95s-7/15/64 when issued	100	300,000	11,850	3.9%
225,000	U. S. Treasury 3 5/8s-2/15/66	100	225,000	8,156	3.8%
200,000	U. S. Treasury 4s-8/15/73	99	198,000	8,000	4.1%
			<u>\$833,000</u>	<u>\$32,506</u>	<u>3.9%</u>

Jenison Fund

Recommend purchasing:					
\$40,000	Federal Home Loan Bank 3.95s-7/15/64 when issued	100	\$ 40,000	\$ 1,580	3.9%
40,000	U. S. Treasury 3 5/8s-2/15/66	100	40,000	1,450	3.8%
40,000	U. S. Treasury 4s-8/15/73 when issued	99	39,600	1,600	4.1%
25,000	United Aircraft Subordinate Convertible 4 $\frac{1}{2}$ s-1988	110	27,500	1,125	3.9%
200 shs.	International Harvester (Holding 200) \$2.40	58	11,600	480	4.1%
225 shs.	Manufacturers National Bank of Detroit (Holding 175) 2.00	70	15,750	450	2.9%
87 shs.	Standard Oil of New Jersey (Holding 313) 2.60	71	6,177	266	3.7%
400 shs.	Associates Investment 2.60	60	24,000	1,040	4.3%
200 shs.	Norfolk & Western Railway 5.00+	117	23,400	1,000	4.3+
400 shs.	Southern Company 1.60	56	22,400	640	2.9%
1,000 shs.	Lone Star Cement 1.00	21	21,000	1,000	4.8%
800 shs.	Weyerhaeuser Company 1.20	33	\$26,400	960	3.6%
			<u>\$297,827</u>	<u>\$11,551</u>	<u>3.9%</u>

Consolidated Investment Fund

Recommend purchasing:					
\$ 6,000	U. S. Treasury 3 5/8s-2/15/66	100	\$ 6,000	\$ 217	3.8%
Recommend selling:					
200 shs.	Parke, Davis & Co. 1.00	35	\$ 7,000	\$ 200	2.9%
Recommend purchasing:					
up to 200 shs.	Weyerhaeuser Co. 1.20	33	\$ 6,600	\$ 240	3.6%

Forest Akers Fund

Recommend selling:					
125 shs.	Parke, Davis & Co. 1.00	35	\$ 4,375	\$ 125	2.9%
Recommend purchasing:					
120 shs.	Weyerhaeuser Co. 1.20	33	\$ 3,960	\$ 144	3.6%

Sandy Brand 4-H Club Scholarship Fund

Recommend selling					
100 shs.	Parke, Davis & Co. 1.00	35	\$ 3,500	\$ 100	2.9%
Transfer proceeds to the Consolidated Investment Fund, and purchase in that Fund:					
50 shs.	First National Bank of Maryland (Holding 250) 2.00	65	\$ 3,250	\$ 100	3.1%

Insurance Fund

Recommend exchanging:					
\$14,000	U. S. Treasury 3 3/4s-5/16/64	100	14,000	\$ 525	
For					
\$14,000	U. S. Treasury w.i. 3 7/8s-11/15/68	100	14,000	\$ 542	

September 20, 1963

Finance Committee Items, continued

1. Recommendations from Scudder, Stevens and Clark and Earl Cress, continued:

Pension & Retirement Fund

		Approx. Price	Principal	Income
Recommend exchanging:				
\$50,000	U. S. Treasury 4 3/4s-5/15/64	\$ 101	\$50,500	\$2,375
For				
\$50,000	U. S. Treasury 4s-8/15/73	97.9	48,950	2,000

Rackham Trust Income

Recommend exchanging:				
\$34,000	U. S. Treasury 3 3/4s-5/15/64	100	34,000	1,275
For				
\$34,000	U. S. Treasury when issued 3 3/7s 11/15/68	100	34,000	1,317
Recommend exchanging:				
\$ 9,000	U. S. Treasury 3 3/4s-5/15/64	100	9,000	337
For:				
\$ 9,000	U. S. Treasury when issued 3 7/8 11/15/68	100	9,000	348

Approval
investment
items

On motion by Mr. Huff, seconded by Mr. Harlan, it was voted to approve Item 1.

2. Mr. May presented a suggested budget request for the consideration of the next session of the legislature to be submitted through the State Department of Administration as follows:

For operation of Michigan State University	- \$31,644,786
For operation of the Agricultural Experiment Station	- 3,850,966
For operation of the Cooperative Extension Service	- 2,783,988
For operation of Oakland University	- 2,213,504
Five-year Capital Outlay for 1964-65	- \$21,190,000
Five-year Capital Outlay for 1965-66	- 20,096,000
Five-year Capital Outlay for 1966-67	- 21,360,000
Five-year Capital Outlay for 1967-68	- 21,000,000
Five-year Capital Outlay for 1968-69	- 19,900,000

Approval
budget requests
to be sub-
mitted to
legislature

After considerable discussion, on motion by Dr. Smith, seconded by Mr. Stevens, it was voted to approve this request and to authorize its presentation to the State Department of Administration, the Governor and the Legislature.

3. Mr. Huff discussed the status of the discussion pertaining to the Institute of Biology and Medicine and Medical Education now before a Committee of the Michigan Coordinating Council for Public Higher Education.

Discussion
Institute of
Biology and
Medicine and
Med. Educ.

4. Mr. Russell Bandomer of the A. M. Kinney Company of Cincinnati appeared before the Board to advise the Trustees of the content of their report pertaining to power plant requirements submitted today to the legislative committee considering that problem.

Report of
Power Plant
Committee

5. We now have options covering the purchase of the lots that were originally a part of the Hazen farm which was recently purchased with funds provided by the Kellogg Foundation. It is now recommended that the Board authorize the purchase of these lots as follows:

- Lot No. 12 from Dale R. Tilley for \$1,900
- Lot No. 3 from Fern Hazen for \$1,350
- Lots No. 6 and 7 from Fern Hazen and Mr. and Mrs. Ralph McCarty for \$2,200
- Lots No. 1 and 2 from Mr. and Mrs. Ralph McCarty for \$2,600
- Lots No. 4 and 5 from Mr. and Mrs. Edward Rossi for \$2,200

Approval of
purchase
several lots
Kellogg
Station

After these purchases are completed, the Kellogg Foundation will provide the funds to reimburse the University.

On motion by Mr. Merriman, seconded by Dr. Smith, it was voted to approve the purchase of the above-mentioned lots.

6. Communication from Mr. May:

You will recall that Michigan State University receives from the National Science Foundation a grant of 5 percent of the total amount of their contracts. I have insisted that the use of these funds be approved by the Board of Trustees before any expenses have been incurred.

Approval
allocation
Nat. Sci.
Foundation
grant money

I now have a recommendation from Vice President Muelder and Acting Provost Neville that the \$54,893 received for the 1962-63 fiscal year be used as follows:

- a. \$10,500 be allocated to the Water Research Program under the general supervision of Dr. Quill.
- b. That \$13,500 be used for equipping science laboratories in McDonel Hall.
- c. That \$30,893 be used for equipping and setting up a repair shop and glass blowing shop to service the College of Natural Science and the College of Engineering.

I would like to recommend Board approval of the above allocations.

On motion by Mr. Huff, seconded by Mr. Vanderploeg, it was voted to approve the above recommendations.

Finance Committee Items, continued

7. Communication from Mr. May:

Attached is a communication from the Detroit Bank and Trust Company recommending changes in the three trusts established by Mr. and Mrs. Fee.

Under the terms of the trust agreements, the Detroit Bank and Trust Company is authorized to make changes in Trust 19845 without our approval; but as a matter of courtesy, it has wanted our concurrence in any action it takes. The agreements for Trusts 20100 and 21169 require Board approval for any changes in investment portfolio.

Communication from The Detroit Bank and Trust Company:

Phil - G eorge Berkaw and Bill Barton of the Investment Division and I enjoyed meeting with you yesterday. In accordance with our discussion, we are submitting the following programs for these three trusts in which Michigan State has an interest:

		Appr.	Market	Est.
		Mkt	Value	Income
<u>Account 19845</u>				
<u>HELD</u> <u>SELL</u>				
2109	309 shs American Telephone & Telegraph Co. common	122	\$37,698	\$1,212
5600	1000 shs Detroit Edison Co. common	34	34,000	1,200
			<u>\$71,698</u>	<u>\$2,412</u>
<u>BUY</u>				
	\$71,000 Common Trust Fund No. 2		71,000	3,124
<u>Account 20100</u>				
<u>HELD</u> <u>SELL</u>				
1200	300 shs American Telephone & Telegraph Co. common	122	36,600	1,080
4400	1000 shs Detroit Edison Co. common	34	34,000	1,200
			<u>\$70,600</u>	<u>\$2,280</u>
<u>BUY</u>				
	\$39,000 Common Trust Fund No. 2		\$39,000	1,677
	1000 shs Dayton Power & Light Co. common	31	31,000	1,080
			<u>\$70,000</u>	<u>\$2,757</u>
<u>Account 21169</u>				
<u>HELD</u> <u>Sell</u>				
4800	600 shs American Telephone & Telegraph Co. common	122	\$73,200	\$2,160
9734	1734 shs Detroit Edison Co. common	34	58,956	2,080
2400	2400 shs American Tobacco Co. common	28	67,200	3,600
1515	1515 shs Parke, Davis & Co. common	32	48,480	1,515
400	400 shs Reynolds Tobacco Co.	39	15,600	640
			<u>\$263,436</u>	<u>\$9,995</u>
<u>BUY</u>				
	\$136,000 Common Trust Fund #3 (Tax Exempt)		\$136,000	\$4,080
	1000 shs Dayton Power & Light Co. common	31	31,000	1,080
	1000 shs McGraw-Edison Co. common	38	38,000	1,600
	1000 shs Pacific Gas & Electric Co. common	34	34,000	1,000
	500 shs W. R. Grace & Co. common	47	23,500	500
			<u>\$262,500</u>	<u>\$8,668</u>

We are recommending the purchase of Common Trust Fund No. 2 in Accounts 19845 and 20100, from which you presently received income. As we mentioned, Common Trust Fund No. 2 is invested in a diversified list of taxable interest-bearing securities. The present yield on this Fund is approximately 4.4% which of course is significantly higher than the 3% available on American Telephone and Telegraph and 3½% on Detroit Edison.

In Account 21169, where Miss Jessie T. Fee is presently the income beneficiary, and upon her demise your University receives the income, we are recommending the purchase of Common Trust Fund No. 3, which is invested in a diversified list of tax exempt municipal bonds. Miss Fee is in a very high income tax bracket and a move into tax exempt municipals will greatly improve her net after-tax income. This should increase the amount of funds she has available for gifts. When tax exempt income is no longer beneficial, we will, of course, change the investment emphasis in this trust.

Dayton Power and Light sells electricity and natural gas to Dayton, Ohio, and surrounding suburbs and rural areas. Pacific Gas and Electric sells electricity and natural gas to most of northern California, including San Francisco.

McGraw-Edison makes electrical appliances and equipment for utilities and heavy industry. In addition, the firm markets a wide range of consumer appliances under such trade names as "Toaster", "Tropic-aire" and "Speed Queen". We believe the stock offers a generous yield coupled with satisfactory long-term potential for showing good earnings increases.

W. R. Grace for many years was known primarily as a shipping and banking concern. In the recent past, an aggressive management team has placed increasing emphasis on chemicals and agricultural lines, so that these products now represent approximately 80% of their total sales. In addition, the company has an interest in a fast developing Libyan oil field. Our studies suggest that corporate earnings should increase at over 8% per annum for the next several years and we believe the stock is an attractive purchase at the present time.

Approval of
changes in
Fee investment
portfolio

Finance Committee Items, continued

7. Communication from Mr. May, continued:

The next entrance date on our Common Trust Funds 2 and 3 is October 31, 1963. If you are in accord with our recommendations, we would suggest temporarily investing the stock proceeds allocated for the Common Trust Funds in General Motors Acceptance Corporation Discount Note Participation, due 10-31-63, to yield about 3.69%.

Phil, I hope the foregoing covers our discussion yesterday; however, if you have any questions, please feel free to phone us.

We are proceeding to implement the program in 19845. If the programs in 20100 and 21169 are approved, please sign and return the enclosed copy of this letter.

/s/ W. C. Goulet
Trust Officer

On motion by Mr. Harlan, seconded by Mr. Merriman, it was voted to approve the above recommendations regarding the three Fee trusts.

8. Approval is requested to sell 35 shares of Eaton & Howard Stock Fund, the proceeds to be credited to the MSU Associates account.

35 shares
Eaton &
Howard stock
fund to be
sold

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

9. Communication from Mr. May:

Attached is a report from the Michigan Higher Education Assistance Authority indicating the amount of loans approved for all institutions which have deposits with the Authority.

I also have a letter from the Director of the Michigan Higher Education Assistance Authority requesting an additional deposit in order that loans now held by its office can be released.

In order that these loans and any additional loans approved by our Dean of Students' Office may be processed, I would like to recommend Board approval of an appropriation of \$10,000 for a supplemental deposit with the Michigan Higher Education Assistance Authority.

Approval of
additional
amount of
\$10,000 to be
placed with
Mich Educ
Assistance
Authority

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

10. Recently we were advised by the College of Education that the Mott Foundation had deposited \$70,000 in the Wayne Oakland Bank of Royal Oak, Michigan. This is a bank which, I understand, is largely owned or controlled by the Mott Foundation or family.

Account to be
opened with
Wayne Oakland
Bank of Royal
Oak

Since we obviously did not wish to have grants deposited in the name of the college of department, I suggested to Dean Ivey that the best solution would probably be for the University to open an account in the bank, which will please the Motts. Dean Ivey has cleared this with the Secretary of the Foundation, and the deposit has been transferred to the Trustees of Michigan State University.

In order that the account may be legally opened and I can draw against it, it will be necessary for the Board to pass the usual resolution, a copy of which is attached.

On motion by Mr. Vanderploeg, seconded by Mr. Huff, it was voted to approve the Wayne Oakland Bank of Royal Oak as a depository for University funds.

11. Communication from Mr. May:

Last year the Board authorized me to use up to \$500,000 of working cash balances for student loans. At that time the Board indicated that if additional funds were needed, I would be authorized to exceed that amount.

Treasurer to
make student
loans up to
\$100,000

Late in the school year I indicated to the Board that I had exceeded my \$500,000 limitation, but that I expected repayments would reduce the amount within the original authorization during the summer.

Since the student loans outstanding on June 30, 1963, exceeded the authorization by approximately \$75,000, the auditors feel that I should have formal Board approval for an increase. Accordingly, I would like to ask Board approval for loans up to \$600,000 retroactive to June 30, 1963.

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

12. Mr. May presented a proposal requesting the authorization of the Trustees to sign a quit claim deed with the Huron-Clinton Metropolitan Authority for one-half acres of land on the Sarah Van Hoosen Jones estate.

Approval quit-
claim deed
for 1/2 acres
land on Van
Hoosen Jones
estate

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

13. Request from Mr. Varner that the Trustees accept an additional \$50,000 from the Pryale Foundation on the same terms and conditions as the \$400,000 already accepted.

Acceptance of
additional
\$50,000 from
Pryale Found

On motion by Mr. Harlan, seconded by Dr. Smith, it was voted to approve the above request from Mr. Varner.

Oakland Univ
to plan dorms
to house up
to 500 stud.

Architects to
begin plans
classroom bldg
Oakland

Finance Committee Items, continued:

14. Request from Chancellor Varner for authorization to proceed with planning dormitories to house up to 500 students at Oakland University.
15. Request from Chancellor Varner for authorization to employ O'Dell, Hewlett and Luckenbach to begin plans for a \$2.5 million classroom building.

On motion by Dr. Smith, seconded by Mr. Merriman, it was voted to approve items 14 and 15.

Adjourned.

MINUTES OF THE MEETING
of the
BOARD OF TRUSTEES
September 20, 1963

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

Mr. Stephen S. Nisbet, Trustee elect, was also in attendance.

Absent: Dr. Bartlett

The meeting was called to order at 2:00 p.m.

The minutes of the July meeting were approved.

SPECIAL MISCELLANEOUS

1. Approval of the Finance Committee Items.

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

2. The auditors, Ernst and Ernst, met with the Trustees to present their annual audit.

PRESIDENT'S REPORT - Resignation

1. Joyce M. Totten, Home Economics Agent, Monroe County, August 9, 1963 to accept a position teaching home economics with the Ypsinanti Board of Education.

Leaves--Other

1. Edward O. Moe, Professor (Res.Ext.) of Sociology and Anthropology, without pay from July 1, 1963 through June 30, 1964 to study at the University of Utah.
2. Lloyd C. Ferguson, Professor of Microbiology and Public Health from July 1, 1963 to August 31, 1963. This is an extension of his present leave.

Appointments

1. Margaret L. Pegg, Coordinator in Continuing Education at a salary of \$5600 per year on a 12-month basis from July 1, 1963 through June 30, 1964.
2. Henry W. Fairchild, Adviser, Pakistan Project, at a salary of \$13,000 per year on a 12-month basis from July 1, 1963 to October 6, 1963.
3. Laurine Elisabeth Fitzgerald, Assistant Dean of Students and Associate Professor of Education at a salary of \$11,600 per year on a 12-month basis effective September 1, 1963.

Miscellaneous

1. Change in the effective date of the appointment of Edythe Wolf as Librarian at the Library from September 1 to August 1, 1963.
2. Approved awarding a contract to the P & S Construction Company, the low bidder, in the amount of \$20,928 for a 14-inch water main to connect Well No. 18 and Well No. 19. The following bids were received:

P & S Construction Co.	\$20,928.00
Reamer Brothers	21,400.00
Reed & Noyce, Inc.	25,397.50
Angell Construction Co.	27,240.00

The cost is charged to the Extension and Replacement of Utilities budget.

3. Approved awarding a contract to Crandell Trenching, the low bidder, in the amount of \$11,845 for resurfacing of the Beal Street Entrance to the campus. The following bids were received:

Crandell Trenching	\$11,845.00
T. A. Forsberg, Inc	12,517.25

Approval
Finance Com.
Items

Resignation

Leaves

Appointments

Ch date appt
Edythe Wolf

Approval
awarding con-
tract for
wells 18 & 19

Approval
awarding con-
tract for
resurfacing
Beal Street
Entrance

PRESIDENT'S REPORT, continued

4. Approved awarding a contract to Dunnigan, the low bidder, in the amount of \$14,925 for a 16-inch transmission main from the Grand Trunk Railroad to the reservoir. The following bids were received:

Dunnigan	\$14,925.00
P & S Construction Co.	17,028.00
Reamer Brothers	17,346.75
Reed & Noyce, Inc.	17,544.04

Approval
awarding
contract for
16-inch trans-
mission main
from Gd Trunk
to reservoir

5. Approved awarding a contract to J. Hamilton, the low bidder, in the amount of \$19,033.28 for the construction of a pole barn and some remodeling work for the Kellogg Feed Research Project. The following bids were received:

Pole Barn

J. Hamilton	\$11,037.60
Hackett Construction Co.	11,270.00
J. J. Schweitzer	16,000.00
Wagner-Flook Builders	16,800.00

Remodeling

J. Hamilton	7,995.68
J. J. Schweitzer	9,900.00
Wm. A. Little Construction	10,405.00

This work is financed by The Kellogg Company

On motion by Mr. Harlan, seconded by Dr. Smith, it was voted to approve the President's Report.

NEW BUSINESSResignations and Terminations

Resignations

- Sharon L. Jackson, 4-H Agent, Lenawee County, September 13, 1963 to be married.
- Gordon L. Kilgour, Assistant Professor of Biochemistry, August 31, 1963, to accept a position at San Fernando State College, North Ridge California.
- Alfred G. Etter, Assistant Professor of Fisheries and Wildlife and Continuing Education, August 31, 1963. End of probationary appointment.
- Roger L. Bowlby, Assistant Professor in the Bureau of Business and Economic Research and Economics, September 30, 1963, to accept a position with the Federal Government.
- John A. LaFalce, Assistant Professor of Business Law, Insurance and Office Administration August 31, 1963, to accept a position as Legal Counsel.
- Anne Beard, Instructor in Communication September 15, 1963.
- George L. Brandon, Associate Professor of Education, September 30, 1963, to accept a position at Pennsylvania State University.
- Siegfried M. Breuning, Associate Professor of Civil Engineering and Engineering Research October 14, 1963 to accept a position in Transportation Systems Research with the National Bureau of Standards, Washington, D.C.
- David P. Brown, Assistant Professor of Electrical Engineering, August 31, 1963. His assignment to the India Project remains unchanged; i.e. expires September 15, 1963. He will accept a position at the University of Wisconsin.
- W. Dale Jones, Professor of Mechanical Engineering, August 31, 1963 to accept a position at Sandia Corporation.
- William H. Loyd, Instructor in Mechanical Engineering, August 31, 1963 to accept a position at the University of West Virginia.
- Cancellation of the appointment of Mary Diane Roberts, Instructor in Textiles, Clothing and Related Arts, August 31, 1963 to be married.
- Jean B. Stange, Assistant Professor of Textiles, Clothing and Related Arts, August 31, 1963 to accept a position at the University of Wisconsin.
- Howard E. Campbell, Associate Professor of Mathematics, August 31, 1963 to accept a position as Professor and Head of Mathematics at the University of Idaho, Moscow, Idaho.
- John B. Kelly, Associate Professor of Mathematics, August 31, 1963 to accept a position at Arizona State College.
- Samuel G. Chapman, Assistant Professor of Police Administration and Public Safety, August 31, 1963 to accept a position as undersheriff of Multnomah Company in Portland, Oregon.
- Earle B. Roberts, Instructor in Police Administration and Public Safety, September 15, 1963 to accept a position as Chief of Police at Battle Creek, Michigan.

NEW BUSINESS, continued

Resignations

Resignations and Terminations, continued

18. Thomas W. Nagle, Assistant Professor of Social Science, August 31, 1963.
19. Paul R. Messier, Assistant Professor of Institutional Research, September 30, 1963 to accept a position with the U. S. Office of Education.
20. Lawrence T. Frymire, Manager of Radio Broadcasting with rank of Associate Professor, August 31, 1963 to accept an appointment with the Federal Communications Commission, Washington, D.C.
21. Edwin W. Watkins, Managing Editor, MSU Press, September 15, 1963.
22. Francis X. Hodgson, Adviser Brazil Project, September 13, 1963 to accept a position with a firm in San Francisco.
23. Clay Lyle, Adviser, Taiwan Project, November 13, 1963.

Leaves

Leaves--Sabbatical

1. Georg A. Borgstrom, Professor (Res.) of Food Science with full pay from September 16, 1963 to March 15, 1964 for a study tour of Japan, Philippines, Indonesia and India.
2. Mary L. Gephart, Professor and Chairman of Textiles, Clothing and Related Arts, with full pay from January 1, 1964 to March 31, 1964 to travel in Africa and the Near East.
3. Myles G. Boylan, Professor and Chairman of Urban Planning and Landscape Architecture with full pay April 1, 1964 to September 30, 1964 for study and travel in Italy.
4. Joseph L. Druse, Associate Professor of Humanities with half pay from September 1, 1964 to August 31, 1965 for study and travel in eastern USA and Europe.

Leaves--Other

1. Richard A. Machiele, Extension Director Ottawa County, with full pay from November 1, 1963 through November 30, 1963 to assist at the International Food Fair at Amsterdam.
2. Carroll H. Wamhoff, 4-H Agent, Huron County without pay from October 14, 1963 through December 6, 1963 for study in M.S.U.
3. Clifford G. Hildreth, Professor of Agricultural Economics and Economics without pay from September 26, 1963 to December 31, 1963 for study at the University of Minnesota.
4. Vernon L. Sorenson, Associate Professor of Agricultural Economics without pay from January 1, 1964 to December 31, 1965 to work in Paris for the Organization for Economic Cooperation and Development.
5. Bill A. Stout, Associate Professor of Agricultural Engineering without pay from October 16, 1963 to October 15, 1964 to work for the FAO in Rome.
6. Richard R. Dedolph, Assistant Professor of Horticulture without pay from January 1, 1964 to December 31, 1964 to study at the Argonne National Laboratory.

Appointments

Appointments

1. Andrea Ann Ay, 4-H Agent, Oceana County, at a salary of \$5500 per year on a 12-month basis effective October 1, 1963.
2. Norman Allen Brown, 4-H Agent, Washtenaw County, at a salary of \$8500 per year on a 12-month basis effective September 1, 1963.
3. Harry A. Foster, 4-H Agent, Livingston County at a salary of \$7800 per year on a 12-month basis effective October 1, 1963.
4. Rhoda M. Peck, 4-H Agent Ingham County at a salary of \$8500 per year on a 12-month basis effective September 1, 1963.
5. Evelyn C. Winkelman, Home Economics Agent, Mecosta County at a salary of \$6800 per year on a 12-month basis effective September 20, 1963.
6. Frederik Wilte Bakker-Arkema, Research Associate of Agricultural Engineering at a salary of \$8000 per year on a 12-month basis effective September 16, 1963 to December 15, 1963.
7. Frederik Wilte Bakker-Arkema, Assistant Professor of Agricultural Engineering at a salary of \$10,000 per year on a 12-month basis effective December 16, 1963.
8. Eugene W. Byrnes, Research Associate of Biochemistry at a salary of \$7000 per year on a 12-month basis effective September 1, 1963 to August 31, 1964.
9. Harry W. Keppeler, Instructor in Horticulture at a salary of \$6000 per year on a 12-month basis effective September 1, 1963 to August 31, 1964.
10. Kenneth Clare Sink, Jr. Assistant Professor of Horticulture at a salary of \$8500 per year on a 12-month basis effective September 1, 1963.

NEW BUSINESS, continuedAppointments, continued

Appointments

11. Claire Hammer, Instructor in Art at a salary of \$6000 per year on a 10-month basis effective September 1, 1963.
12. Jens Plum, Instructor in Art at a salary of \$6100 per year on a 10-month basis effective September 1, 1963.
13. William W. Frank, Lecturer AID Seminars at a salary of \$8000 for the period October 1, 1963 to June 30, 1964.
14. Harry Webb, Assistant Professor of Health, Physical Education and Sociology and Anthropology at a salary of \$8000 per year on a 10-month basis effective January 1, 1964.
15. Donald J. Rauch, Instructor in Electrical Engineering at a salary of \$2400 for the period September 1, 1963 to December 31, 1963.
16. Floyd E. LeCureux, Instructor in Engineering Instructional Services at a salary of \$6500 per year on a 10-month basis effective September 1, 1963 through August 31, 1964.
17. John E. Nolan, Instructor in Mechanical Engineering at a salary of \$6600 for the period September 16, 1963 to June 15, 1964.
18. Frank M. Stefanec, Instructor in Textiles, Clothing and Related Arts at a salary of \$7100 on a 10-month basis effective September 1, 1963.
19. Wilma N. Bradley, Instructor in Chemistry at a salary of \$5000 for the period September 16, 1963 to June 15, 1964.
20. Dorothy Bollman, Instructor in Mathematics at a salary of \$6000 per year on a 10-month basis effective September 1, 1963.
21. Jean E. Rubin, Assistant Professor of Mathematics at a salary of \$7800 per year on a 10-month basis effective September 1, 1963 to August 31, 1964.
22. Diran Sarafyan, Associate Professor of Mathematics and Engineering Research at a salary of \$14,400 on a 12-month basis effective September 1, 1963 to August 31, 1964.
23. Jerry Dee Schuur, Assistant Professor of Mathematics at a salary of \$8200 per year on a 10-month basis effective September 1, 1963.
24. Krishna Kumar, Research Associate in Physics and Astronomy at a salary of \$667 per month from September 16, 1963 to June 15, 1964.
25. Herman M. Slatis, Associate Professor of Zoology at a salary of \$10,000 per year on a 10-month basis effective September 1, 1963.
26. Harold J. Spaeth, Associate Professor of Political Science at a salary of \$10,000 per year from September 1, 1963 to August 31, 1964.
27. Ivan Alten, Assistant Professor of Urban Planning and Landscape Architecture at a salary of \$1000 per month from September 16, 1963 to June 15, 1964.
28. Milton Powell, Assistant Professor of American Thought and Language at a salary of \$7500 per year on a 10-month basis effective September 1, 1963.
29. Connie Lee Williams, Instructor in American Thought and Language at a salary of \$6200 per year on a 10-month basis effective September 1, 1963.
30. Samuel M. Getty, Instructor in Surgery and Medicine at a salary of \$10,500 per year on a 12-month basis effective September 1, 1963.
31. John M. Gordon, Jr. Specialist, Audiovisual Center at a salary of \$5500 per year effective September 1, 1963 to June 30, 1964.
32. William R. Hornbaker, Specialist, Audiovisual Center at a salary of \$5000 per year from September 1, 1963 to June 30, 1965.
33. John Milton Metheany, Artist in the Museum and Instructor in Art at a salary of \$5500 per year on a 12-month basis effective September 1, 1963. The appointment in Art is temporary.
34. George A. Davies, Professor and Chairman of Air Science at a salary of \$50 per month from September 1, 1963 to June 30, 1964.
35. John M. Engebretsen, Assistant Professor of Air Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
36. Gerald T. Heyboer, Assistant Professor of Air Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
37. Donald W. Hollway, Assistant Professor of Air Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.

NEW BUSINESS, continued

Appointments

Appointments, continued

38. Allan M. Jokela, Assistant Professor of Air Science, at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
39. Edwin J. Scarff, Assistant Professor of Air Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
40. Douglas D. Stewart, Assistant Professor of Air Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
41. Morris F. Tague, Assistant Professor of Air Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
42. Robert J. Chant, Assistant Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
43. Richard M. Clohecy, Assistant Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
44. James H. Harris, Assistant Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
45. Charles F. Kell, Associate Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
46. Roger C. Loving, Associate Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
47. James L. McLain, Assistant Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
48. John W. Price, Associate Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
49. James F. Skells, Professor and Chairman of Military Science at a salary of \$50 per month from September 1, 1963 to June 30, 1964.
50. William R. Stewart, Assistant Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
51. Richard A. Summers, Assistant Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1963.
52. Robert E. Visscher, Assistant Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
53. Ralph C. Waara, Assistant Professor of Military Science at a salary of \$20 per month from September 1, 1963 to June 30, 1964.
54. James Bristor, Assistant Professor of Health, Physical Education and Recreation at a salary of \$7000 per year effective September 1, 1963.
55. Daniel L. Peterson, Jr. Assistant Basketball Coach and Instructor in Health, Physical Education and Recreation at a salary of \$6200 per year on a 10-month basis effective September 1, 1963.
56. Daniel W. Litwhiler, Baseball Coach and Professor of Health, Physical Education at a salary of \$15,000 per year on a 12-month basis effective August 16, 1963.
57. Richard Estell, Manager of Radio Broadcasting at a salary of \$10,500 per year on a 12-month basis effective September 1, 1963.

Transfers

Transfers

1. Denzel C. Cline, Professor of Economics, to Professor of Economics and Continuing Education with no change in salary effective September 1, 1963 through December 31, 1963.
2. D. Gordon Rohman, Assistant Professor of English, to Assistant Professor of English and Assistant Dean for Continuing Education with an increase in salary to \$11,000 per year on a 12-month basis effective September 1, 1963 through June 30, 1964. He is to revert to the former position at the expiration of this appointment.
3. Julius R. Hoffman, Associate Professor of Entomology, to Associate Professor of Entomology and Natural Science with no change in salary effective September 1, 1963.
4. Armon F. Yanders, Associate Professor of Zoology, to Associate Professor of Zoology and Assistant Dean in the College of Natural Science with an increase in salary to \$14,000 per year on a 12-month basis effective September 1, 1963.
5. Duane S. Girbach, 4-H Agent in Livingston County, to Agricultural Agent of Livingston County with no change in salary effective October 1, 1963.

NEW BUSINESS, continued

Transfers, continued

6. Dean R. Rhoads, 4-H Agent in Presque Isle County, to Extension Director of Schoolcraft County with an increase in salary to \$8400 per year on a 12-month basis effective September 1, 1963. Transfers
7. T. Harry McKinney, Assistant to the President and Associate Professor, to Associate Professor of Social Science with a change in status from a 12-month basis at \$11,500 to a 10-month basis at \$10,000 effective September 1, 1963. Salary changes

Salary Changes

1. Salary increase for John K. Trocke, District Marketing Agent, Ottawa and Kent Counties, from \$10,700 to \$11,000 per year on a 12-month basis effective September 1, 1963. John Trocke
2. Salary increase for Dexter D. Fossitt, Research Associate in Biochemistry, from \$8000 to \$8200 per year on a 12-month basis effective September 1, 1963 through August 31, 1964. Dexter Fossitt
3. Salary increase for John X. Jamrich, Associate Dean of Education, from \$17,000 to \$17,800 per year on a 12-month basis effective September 1, 1963. John X. Jamrich
4. Salary increase for Paul G. Gray, Assistant Professor of Electrical Engineering, from \$5300 for one-fourth time to \$7800 per year on a 10-month basis, full time, effective September 1, 1963. Paul G. Gray

On motion by Mr. Vanderploeg, seconded by Mr. Harlan, it was voted to approve the Resignations and Terminations, Leaves, Appointments, Transfers and Salary Changes.

Miscellaneous

1. The following promotions of faculty members are recommended:
 - a. Julian Kateley, Jr., from Instructor to Assistant Professor of Electrical Engineering, and the Computer Laboratory with a change in salary from \$10,800 to \$11,500 per year, effective September 1, 1963. Title changes - Julian Kateley
 - b. Mabel Ruth Cooper, from Instructor to Assistant Professor of Textiles, Clothing, and Related Arts with a change in salary from \$8,000 to \$9,000 per year, effective September 1, 1963. Mabel Cooper
 - c. Paul Bakan, from Associate Professor to Professor of Psychology with a change in salary from \$9,400 to \$10,600 per year, effective October 1, 1963. Paul Bakan
 - d. Clinton A. Snyder, from Instructor to Assistant Professor of Social Science with a change in salary from \$6,900 to \$8,100 per year, effective September 1, 1963 (he has been on leave without pay since October 1, 1961, and has had no salary adjustments). Clinton Snyder
2. Change in sabbatical leave for John L. Hazard, Professor of Marketing and Transportation Administration, from leave with full pay from April 1 to June 30, 1964, to leave with half pay from January 1 to June 30, 1964. Ch sabb. lve John Hazard
3. Change in conditions of sabbatical leave for Hideya Kumata, Professor of Communication, from leave with half pay to leave with half pay from the University and half pay from the Ford Foundation Grant, account 11-1903, effective from September 1, 1963, to August 31, 1964. ch. cond. sabb lve Hideya Kumata
4. Correction in salary source for Jack M. Bain, Associate Professor of Speech and Office of the Dean of International Programs, to 50 percent from 11-4491 and 50 percent from 11-4751, effective September 9, 1963. Correct sal. source Jack Bain
5. Change in salary source for James R. Brandon, Associate Professor of Speech, from account 11-4491 to account 71-1908 from July 1, 1963 to June 30, 1964. Ch. sal. source J.R. Brandon
6. Change in status of Edward Hardick, Instructor in Speech, from a 10-month basis at a salary of \$7,500 to a 12-month basis at a salary of \$9,375 per year, effective September 1, 1963, and paid from account 71-2071. Ch. status Edw. Hardick
7. Change in salary source for Charles Pedrey, Associate Professor of Speech, to \$5,466 paid from account 11-4491 and \$3,834 paid from account 71-2161 effective July 1, 1963. Ch. salary source Chas. Pedrey
8. Recommendations relative to Elizabeth Drews, Professor of Education:
 - a. Change in dates of leave of absence without pay from May 1, 1963 to June 30, 1964, to June 1 to 30, 1963 and September 1, 1963 to August 31, 1964. Recomm. re: lve for Elizabeth Drews
 - b. Salary to be paid 100 percent from account 71-2257 from July 1 to August 31, 1963.
9. Change in salary source for H. Paul Sweany, Associate Professor of Education, as follows:
 - a. From July 1 to September 15, 1963: 25% from 11-4361 75% from 71-2840
 - b. From September 16, 1963 to June 30, 1964: 25% from 71-2843 75% from 11-4361
10. Change in status of Henry G. Krause from Associate Professor and Chairman to Associate Professor of Engineering Instructional Services at the same salary of \$11,200 per year on a 10-month basis, effective September 1, 1963. Ch. status Henry Krause
11. Change in conditions of leave for Joanne Eicher, Assistant Professor of Textiles, Clothing, and Related Arts, from leave without pay from September 1, 1963 to August 31, 1965 to the following:
 - Leave without pay from September 1 to September 30, 1963
 - Leave with $\frac{1}{2}$ pay from October 1, 1963 to June 30, 1964, paid Ford Foundation grant 71-1912
 - Leave without pay July 1, 1964 to August 31, 1965

NEW BUSINESS, continued

Miscellaneous, continued

- Ch. status
Gordon Spink 12. Change in status of Gordon Spink, Instructor (Research) in Biological Science, from a temporary appointment to a regular appointment subject to tenure rules, effective July 1, 1963.
- Ch. effec.
date Wm. Corn- 13. Change in the effective date of William Corning as Assistant Professor (Research) of ing Biophysics from July 1, 1963 to September 23, 1963. This is to be a regular appointment subject to tenure rules rather than a temporary appointment as originally provided, and his salary is to be paid from account 71-2217.
- Ch conditions
lve Henry A. 14. Change in conditions of sabbatical leave for Henry A. Imshaug, Associate Professor of Botany Imshaug and Plant Pathology, from leave with half pay to leave with half pay from the University and half pay from a National Science Foundation grant, account 71-1670, effective from September 1, 1963, to August 31, 1964.
- Ch salary
source
Thelma Ar- 15. Change in salary source for Thelma Arnette, Assistant Professor of Physics and Astronomy nette to the following, effective July 1, 1963:
\$5,385 from account 71-1672
\$4,615 from Physics and Astronomy
\$2,000 from Mathematics
- Ch salary
source Michael 16. Change in salary source for Michael J. Harrison, Associate Professor of Physics and Astronomy Harrison to 75 percent from 11-3691 and 25 percent from 71-1747, effective from July 1, 1963 to June 30, 1964.
- Ch salary
source Truman 17. Change in salary source for Truman O. Woodruff, Professor of Physics and Astronomy, to 75% Woodruff from 11-3691 and 25 percent from 71-1747, effective from July 1, 1963 to June 30, 1964.
- Ch lve G.
Kallianpur 18. Change in leave of absence without pay for Gopinath Kallianpur, Professor of Statistics, to September 16, 1963, to August 31, 1964.
- Ch status Gus
Harrison 19. Change in status of Gus Harrison from Lecturer in Police Administration and Public Safety without pay to Lecturer at a salary of \$800 for the period from September 1, 1963 to December 31, 1963. He is to be continued without pay beginning January 1, 1964.
- Ch status
David A.
Booth 20. Change in status of David A. Booth, Assistant Professor of Political Science and Continuing Education, from a temporary appointment to a regular appointment subject to tenure rules, effective September 1, 1963.
- Ch status
Frank A.
Pinner 21. Change in status of Frank A. Pinner from Associate Professor of Political Science and Director of the Bureau of Social and Political Research to Associate Professor (Research) of Political Science and the Bureau of Social and Political Research at the same salary of \$13,500 per year on a 12-month basis, effective September 1, 1963.
- Ch salary
source Theod
Forbes 22. Change in salary source for Theodore W. Forbes, Professor of Engineering Research and Psychology, to 25 percent from 71-1721, 25 percent from 71-2698 and 50 percent from 71-2380 effective September 1, 1963.
- Correct appt
Katharin den 23. Correction in appointment of Katharin den Bleyker as Assistant Professor of Social Work from Bleyker a salary of \$8500 peryear, effective from September 1, 1963 to June 30, 1964 to a salary of \$8500 per year on a 10-month basis, effective from September 1, 1963 to August 31, 1964.
- Ch title
Duane L.
Gibson 24. Change in title of Duane L. Gibson, to Assistant Director of Continuing Education, Assistant Director of Cooperative Extension Service, and Professor of Sociology and Anthropology, effective October 1, 1963.
- Ch. salary
source S. S.
Farness 25. Change in salary source for Sanford S. Farness, Associate Professor of Urban Planning and Landscape Architecture, to two-thirds from 11-3931 and one-third from 71-2715, effective from September 1, 1963, to June 30, 1964.
- Assignment
Lyle Blair
to English 26. Assignment of Lyle Blair, Director of the MSU Press and Associate Professor, to the English Dept part-time basis to teach Department on a part-time basis to teach one course, effective from September 1, 1963 to August 31, 1964. His salary will be paid entirely from the MSU Press budget.
- 1 course
Ch status
I. Lehmann 27. Change in status of Irvin J. Lehmann, Associate Professor of Evaluation Services, from a 10-month basis at a salary of \$9,300 to a 12-month basis at a salary of \$11,625 per year, effective September 1, 1963.
- ch effec.date
appt Wm.
Mueller 28. Change in the effective date of the appointment of William J. Mueller as Assistant Professor in the Counseling Center from September 10 to September 11, 1963.
- Assignment
W.L. Veenen- 29. Assignment of Wilfred L. Veenendaal, Assistant Director and Assistant Professor of the daal to Brazil Audiovisual Center to the Brazil Project at the same salary of \$10,900 per year, effective Project. from September 16 to November 15, 1963, paid from 71-2021.
- Gregory A.
Miller to 30. Assignment of Gregory A. Miller, Associate Professor of Education, to the Guatemala Project at Guatemala Proj the same salary of \$11,800 per year, effective from June 22 to July 30, 1963, paid 71-2037.
- Eugene DeBenko 31. Assignment of Eugene DeBenko, Assistant Professor of Education and Divisional Librarian in the to India Proj. Library, to the India Project at the same salary of \$10,000 per year, effective from August 29 to October 9, 1963, paid from 71-2022.

NEW BUSINESS, continuedMiscellaneous, continued

33. Assignment of Carl K. Eicher, Assistant Professor (Research) of Agricultural Economics, to the Nigeria Program at a salary of \$11,220 per year on a 12-month basis, effective from September 23, 1963 to September 7, 1965, paid from 71-2024.
34. Recommendation for the following changes in the status of Iwao Ishino, Professor of Sociology and Anthropology, effective September 1, 1963, as follows:
- Dual assignment in Sociology and Anthropology and Continuing Education with a change from a 10-month basis at a salary of \$10,950 to a 12-month basis at a salary of \$14,000 per year (he is assigned to the Ryukyus Project from June 1, 1963, to May 31, 1965).
 - Increase in overseas salary from \$16,300 to \$16,650 per year, effective September 1, 1963.
35. Change in salary of James W. Ney, Specialist in the Ryukyus Project, from \$12,750 to \$11,700 per year, effective from October 1, 1963 to August 21, 1964. Dr. Ney has moved into free on-post housing; consequently his salary is reduced.
36. Recommendations from the Retirement Committee, as follows:
- Retirement furlough for Donald Hayworth, Professor of Speech, with full pay from July 1, 1963 to June 30, 1964, and retirement at a salary of \$3,000 per year, effective July 1, 1964. Dr. Hayworth was born on January 3, 1898, and has been employed by the University since September 1, 1939.
 - Retirement of Arthur Converse, Electrician III in Buildings and Utilities, at a retirement salary of \$2,190 per year, effective October 1, 1963. Mr. Converse was born on April 27, 1900, and has been employed by the University since October 24, 1940.
37. Report of the death of Leo Cecil Hughes on August 25, 1963. Mr. Hughes was born April 25, 1885, was first employed by the University on September 1, 1915, and was Professor and Head of the Department of Foreign Languages at the time of his retirement on July 1, 1946.
38. Report of the death of Harvey E. Kapphahn on July 21, 1963. Mr. Kapphahn was born on August 5, 1896, was first employed by the University on June 1, 1947, and was Assistant Professor of Agricultural Engineering at the time of his retirement on July 1, 1962.
39. Report of the death of Leonard D. Jungwirth, Professor of Art, on August 21, 1963. Professor Jungwirth was born on October 18, 1903, and was first employed by the University on September 1, 1940.
- It is recommended that his salary be paid to his widow for a period of one year beyond the date of death, August 21, 1964.
40. Recommendations from the Director of Personnel as follows:
- Transfer of a faculty position in Horticulture to a senior Horticulture Technician IX position with a salary range of \$5,100-\$6,600, paid from Experiment Station account 71-6700
 - Establishment of a half-time Clerk-Stenographer III position in English, paid from 71-2259.
 - Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position in History.
 - Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position in Business Law, Insurance, and Office Administration.
 - For the College of Education:
 - Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position
 - Reclassify a Senior Departmental Secretary VII to an Office Assistant VIII position
 - Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position
 - Reclassify a Clerk-Stenographer III to a Departmental Secretary V position
 - Establish a half-time Clerk-Stenographer III position in Mechanical Engineering.
 - Reactivate a Clerk-Typist II position in the Science and Mathematics Teaching Center, paid from account 71-2724
 - Establish a Senior Clerk-Stenographer V position in Police Administration and Public Safety, paid from account 71-2346.
 - Establish an Executive Secretary VIII position in Political Science.
 - Reclassify a Principal Clerk VI to an Office Assistant VIII position in Alumni Relations
 - Reclassify an Assistant Editor, News Bureau, AP-I to an Associate Editor, New Bureau, AP-IV position in Information Services
 - Transfer an Associate Sports Editor AP-III position from Television Broadcasting to a Sports Editor AP-V position in Radio Broadcasting
 - For Television Broadcasting:
 - Reclassify an Assistant Television Chief Engineer AP-VI to a Sr TV Engr XI position
 - Reclassify a Television Engineer X to a Senior TV Engineer XI position
 - Establish a Teller III position in Public Safety
 - For Institutional Research:
 - Establish a Senior Departmental Secretary VII position, paid from 71-2258
 - Establish a Clerk-Stenographer III position, paid from 71-2258
 - Establish a Key punch Operator IV position in Data Processing, paid from 21-2860
 - Reclassify two Clerk I to Senior Clerk IV positions in Brody Hall
 - Establish two Telephone Operator I positions in the Telephone Office

Assignment
Carl Eicher
to Nigeria
Program

Ch status
Iwao Ishino

Ch salary
James W. Ney

Retirement -
Donald Hayworth

Arthur Con-
verse

Report death
Leo C. Hughes

Report of
death H. E.
Kapphahn

Report of
death of
Leonard Jung-
wirth

Approval
recommenda-
tions Dir.
Personnel

NEW BUSINESS, continuedMiscellaneous, continued

Approval
summer school
payroll

Approval
degrees end
summer term
1963

\$4800 approp
for alts. to
Lib to pro-
vide office

41. Approval of the payment of \$217,254 to faculty members for teaching in the second 5-week summer school. The total summer school cost for 1963 is \$617,885, of which \$400,631 has been previously approved.
42. Approval of granting the appropriate degrees to those students who according to the records of the Registrar completed the requirements for graduation at the end of the summer quarter 1963. List on file in Registrar's Office.
43. Alterations in offices in the Library to provide room for Kermit Smith at an estimated cost of \$4,800 to be charged to Alterations and Improvements 1963-64.

On motion by Mr. Stevens, seconded by Mr. Vanderploeg, it was voted to approve Items 1 through 43.

44. Workmen's compensation report for January 1 to June 30, 1963:

Amount paid as accident time	\$ 3,436.85
Amount paid as compensation	20,748.44
MSU Health Center charges	4,940.00
Off-Campus medical services	4,590.08

Funds to be
allocated for
Campus spray-
ing

45. Discussion of the report of the Advisory Committee on Campus Spraying with reference to the control of Dutch elm disease and the possible preservation of birds and wildlife at the same time.

On motion by Dr. Smith, seconded by Mr. Harlan, it was voted to receive the report of the Advisory Committee on Campus Spraying, with the understanding that funds will be made available to make it effective.

Gifts and
Grants

Gifts and Grants

1. Gift of a mistblower valued at \$250 from J. J. Dill of Kalamazoo for use in the Entomology Department for experimental purposes.
2. Gift of a house trailer valued at \$1,000 from the Michigan Department of Health for use in Entomology for facilitating research work.
3. Gift of an x-ray house trailer valued at \$1,000 from the Michigan Department of Health for use in Entomology in Field work.
4. Gift of a McKesson recording waterless metabolator valued at \$100 from Drs. Mahlon S. Sharp, Richard S. Johnson, and Joseph L. Sheets of Lansing for use in teaching in Physiology and Pharmacology.
5. Grant of \$10.46 from Neil H. Bridge, Jr., of Saginaw for a student loan fund.
6. Grant of \$2,000 from The Henry Strong Educational Foundation of Chicago to continue a student loan fund.
7. Grant of \$170 from friends and business associates of Maury Mayer for the Mayer Student Loan Fund.
8. Grant of \$265 from James D. Hocter of Cincinnati, Ohio, to be added to the Gertrude Davis Memorial Student Loan Fund.
9. Grant of \$250 from Glendon Swarthout of Scottsdale, Arizona, for the 1964-65 Swarthout English Award.
10. Grant of \$7,500 from the Alvin M. Bentley Foundation of Owosso to provide ten scholarships for the 1963-64 school year.
11. Grant of \$200 from The Chicago Farmers of Chicago for a scholarship for a student in Agriculture. The recipient is to be selected prior to the beginning of his senior year, the selection to be based on satisfactory scholarship, extra-curricular activities indicating leadership ability, and financial need.
12. Grant of \$3,000 from Gerber Baby Foods of Fremont to provide scholarships for undergraduate students in Food Science.
13. Grant of \$1,500 from Mrs. R. M. Gerstacker of Midland to establish the Rollin M. Gertstacker Opportunity Award. The recipient is a junior in marketing and is to receive the money in equal installments over a 2-year period. Upon graduation, he will take out a 10-year endowment life insurance policy to establish an "opportunity award" in his name, thereby passing on the assistance to another student.
14. Grant of \$200 from friends and associates of J. Harold Meech to establish the Memorial Scholarship Fund.
15. Grant of \$1,500 from Moorman Manufacturing Company of Quincy, Illinois, for the Moorman Scholarships in Agriculture.
16. Grant of \$4,000 from the National Machinery Foundation, Inc., of Tiffin, Ohio, to provide a 4-year scholarship for a daughter of a Company employee. The money is to be pro-rated on the basis of \$1,000 per year.

NEW BUSINESS, continuedGifts and Grants, continued

17. Grant of \$350 from Harwood Phend of Lansing to provide scholarships for students in the junior engineering and Science Summer Institute. Gifts and Grants
18. Grant of \$1,800 from the Production Credit Association of St. Paul, Minnesota, to establish 6 annual scholarships of \$300 each for students who are enrolled in the College of Agriculture, have a farm background, and are residents of Michigan.
19. Grant of \$250 from the Women's Advertising Club of Detroit to provide a scholarship for a woman majoring in the field of advertising.
20. Grants as follows to continue previously established scholarships:
- a. For the Michigan Bankers Scholarship:
 - \$200 from the Clinton National Bank and Trust Company of St. Johns
 - \$100 from The Old Corunna State Bank of Corunna
 - b. \$400 from The Central Soya Foundation of Fort Wayne, Indiana, for the Elevator Scholarship Fund, 31-3314.
 - c. From the Farmers & Manufacturers Beet Sugar Association of Saginaw:
 - \$283 to fulfill the 1963 scholarship commitment for a student in Home Economics
 - \$500 to fulfill the 1963 scholarship commitment for a student in Agriculture
 - d. \$29,850 from the William and Sarah E. Hinman Endowment Fund for the 1963-64 year
 - e. From The Kroger Company of Cincinnati:
 - \$500 for 2 scholarships in Home Economics
 - \$500 for 2 scholarships in Agriculture
 - f. \$400 from The Presser Foundation of Philadelphia
 - g. From the Sears-Roebuck Foundation of Chicago:
 - \$900 for students in Home Economics
 - \$4,114 for students in Agriculture
 - h. For the Memorial Scholarship Fund:
 - \$15 from David C. Ralph of Lansing in memory of Paul Deutschmann
 - \$50 from Gordon A. Sabine in memory of Paul Deutschmann
 - i. For the MSU Faculty Scholarship Fund:
 - \$40 from Gordon A. Sabine
21. Grants as follows to be used for scholarships for specified students:
- \$500 from The Abbott Foundation of North Chicago, Illinois
 - \$250 from the Maud Ainslie Scholarship Fund of Louisville, Kentucky
 - \$200 from the Allen Park Council Parent Teachers' Association of Allen Park, Michigan
 - \$200 from Alpha Kappa Alpha Sorority of Inkster, Michigan
 - \$100 from the American Classical League of Oxford, Ohio
 - \$450 from the American Legion Auxiliary of Detroit
 - \$300 from the American Legion, Department of Michigan of Detroit
 - \$750 from the American Legion, Society of Tool and Manufacturing Engineers of Rochester, N.Y.
 - \$650 from Armco Foundation of Middletown, Ohio
 - \$100 from Berkley High School of Berkley
 - \$1,000 from the Greater Detroit Chevrolet Dealers Association of Detroit
 - \$100 from the Citizens Scholarship Foundation of Boston
 - \$350 from The Cook Foundation of Hamden, Connecticut
 - \$200 from the Thomas J. Cooke Memorial Scholarship Fund of Waterbury, Connecticut
 - \$1,000 from the Corson Scholarship Fund of Pittsburgh, Pennsylvania
 - \$870 from the Davis Foundation of Tupelo, Mississippi
 - \$200 from the Degree of Honor Protective Association of St. Paul, Minnesota
 - \$500 from the Dolphin Scholarship Foundation of Norfolk, Virginia
 - \$350 from the H. T. Ewald Foundation of Grosse Pointe
 - \$500 from the Fort Knox Dependent Schools Fund of Fort Knox, Kentucky
 - \$500 from G.E.M.-Detroit of Roseville
 - \$250 from Frank Gannett Newspaperboy Scholarships, Inc., of Rochester, New York
 - \$200 from the Garden City Rotary Foundation, Inc., of Garden City
 - \$150 from the Government Employees Exchange, Inc., of Hapeville, Georgia
 - \$850 from the Grand Lodge of Free and Accepted Masons of Dearborn
 - \$300 from the Greenville Teachers Club of Greenville
 - \$150 from Hastings High School of Hastings
 - \$100 from Homewood-Flossmoor High School of Flossmoor, Illinois
 - \$1,000 from Houston Endowment, Inc., of Houston, Texas
 - \$300 from the Intefor Club of Marblehead, Massachusetts
 - \$300 from the Ionia County Home Demonstration Council of Orleans
 - \$8,950 from the Jewel Tea Company of Melrose Park, Illinois
 - \$250 from the Jewish War Veterans of the United States of Detroit
 - \$100 from Junior Achievement of Grand Rapids, Inc.
 - \$100 from the Junior Achievement Scholarship Fund of Grand Rapids
 - \$648 from the Kalamazoo Gazette
 - \$500 from the Joseph H. Kanter Foundation of Cincinnati
 - \$250 from Kearny High School of Kearny, New Jersey, for a Nopco Chemical Company Scholarship
 - \$200 from the Wesley E. Kettelkamp Scholarship Fund of University City, Missouri
 - \$300 from Key Biscayne Woman's Club of Miami, Florida
 - \$1,000 from the Kirsch Foundation of Sturgis
 - \$325 from Greater Lansing Youth Council Scholarship Fund
 - \$300 from the Staff Non-Commissioner Officers Wives Club of Camp LeJeune, North Carolina

NEW BUSINESS, continued

Gifts and Grants, continued

Gifts and
Grants

21. Scholarship grants for specified students, continued:

\$100 from Lincoln Drugs, Inc., of Oak Park
 \$700 from the Lockheed Management Club of Marietta, Georgia
 \$1,691.68 from the M & S Manufacturing Company of Hudson
 \$1,475 from the Bernard L. Maas Foundation of Detroit
 \$324 from the Manistee County Alumni Club of Manistee
 \$100 from Mays Landing Parent Teachers Association of Mays Landing, New Jersey
 \$1,200 from the John McKee Scholarship Committee of Havertown, Pennsylvania
 \$250 from the Melvindale Exchange Club of Melvindale
 \$972 from the Michigan Home Economics Council of Kalamazoo
 \$1,000 from the Mine Safety Appliances Company of Pittsburgh, Pennsylvania
 \$1,250 from the Mooseheart Alumni Association of Mooseheart, Illinois
 \$100 from the Mt. Clemens Art Association of Mt. Clemens
 \$200 from the Mount Prospect Woman's Club of Mt. Prospect, Illinois
 \$866 from the National Merit Scholarship Corporation of Evanston, Illinois
 \$200 from the National Phillis Wheatley Foundation of Cleveland, Ohio
 \$800 from the National Restaurant Foundation of Chicago.
 \$300 from the New Trier Girls Club of Winnetka, Illinois
 \$100 from the Northville PTA of Northville
 \$300 from the Northville Teachers Club of Northville
 \$250 from the Oakcrest Scholarship Foundation of Mays Landing, New Jersey
 \$1,200 from Dorothy W. Offield of Chicago for the Dorothy Wrigley Offield Charity Fund Scholarship
 \$250 from the Quill and Scroll Foundation of Iowa City, Iowa
 \$500 from the Ralston Purina Company of St. Louis, Missouri
 \$300 from the Rochester Community PTA Council of Rochester
 \$375 from Rockford High School
 \$200 from the Saxon Athletic Boosters of Hastings
 \$600 from the W. P. Snyder Charitable Fund of Pittsburgh
 \$300 from the Solon High School PTA of Solon, Ohio
 \$100 from Summerfield Schools of Petersburg
 \$750 from the John J. Theisen Foundation of St. Joseph
 \$250 from Tiscornia Foundation, Inc., of St. Joseph
 \$765 from the Trenton Public Schools
 \$250 from the Wamogo Regional High School of Litchfield, Connecticut
 \$50 from the Warren PTA of Warren, Massachusetts
 \$350 from the Wayne Memorial High School of Wayne
 \$1,500 from the John and Elizabeth Whiteley Foundation of Lansing
 \$705 from Charles L. Wilson of Detroit
 \$1,000 from the Woman's Benefit Association of Port Huron
 \$300 from the Women's Association Memorial Hospital of St. Joseph

22. Approval of a memorandum of agreement with the State Association of Mutual Insurance Companies of Lansing covering a grant of \$3,000 to be used under the direction of R. G. Pfister in Agricultural Engineering to aid in support of the Extension program in safety and fire prevention.

23. Continuation of an agreement with the California Packing Corporation of Rochelle, Illinois, covering a grant of \$2,000 to be used under the direction of B. A. Stout in Agricultural Engineering and S. K. Ries in Horticulture to continue research on the development of a mechanical tomato harvester.

24. Renewal of memoranda of agreement covering grants to be used under the direction of R. J. Evans in Biochemistry, as follows:

- a. \$2,500 from the Foundation for Cotton Research and Education of Memphis, Tennessee, to study the biological action of cyclopropene ring fatty acids on fat metabolism.
- b. \$2,500 from the National Cottonseed Products Association of Memphis, to determine the Minimum levels of cyclopropene ring fatty acids contained in cottonseed oil necessary to produce egg white discoloration.

25. Grant of \$10,500 from the Michigan State Highway Department to be used under the direction of J. B. Beard in Crop Science to develop improved seed mixtures, fertility practices, and mulching practices for use in highway roadside establishments.

26. Renewal of memoranda of agreement covering grants to be used under the direction of J. E. Grafius in Crop Science, as follows:

- a. \$6,000 from the Malting Barley Improvement Association of Milwaukee, to support research toward incorporating malting quality into winter barley.
- b. \$2,500 from the Michigan Brewers' Association of Detroit to provide technical assistance for the barley genetic and plant breeding projects.

27. Grant of \$550 from the Regional Plant Introduction Station at Iowa State University at Ames to be used under the direction of C. M. Harrison in Crop Science for an evaluation of a possible new crop plant.

28. Grant of \$2,400 from Ralston Purina Company of St. Louis, Missouri, to be used in the Dairy Department as an award to a graduate student.

NEW BUSINESS, continuedGifts and Grants, continued

29. Grants as follows to be used under the direction of E. C. Rossman in Crop Science:
- a. \$150 from the Regional Plant Introduction Station at Iowa State University at Ames for increasing seed of 10 open-pollinated corn varieties.
 - b. \$13,934 from the Michigan Certified Seed Corn Producers Association of East Lansing for research on the improvement of field corn for Michigan farmers, studies of breeding methods and inheritance studies.
30. Renewal of a memorandum of agreement with the Wisconsin Cooperative Bull Studs and the National Association of Artificial Breeders of Westby, Wisconsin, covering a grant of \$6,000 to be used under the direction of H. D. Hafs in Dairy for research on electrophoretic separation of X- and Y- chromosome bearing sperm from rabbits and bulls in an effort to control the sex ratio of their offspring.
31. Grant of \$1,400 from the Michigan Artificial Breeders Cooperative, Inc., of East Lansing to be used under the direction of C. E. Meadows in Dairy for the support of research.
32. Approval of a memorandum of agreement with the Michigan Cherry Commission of Grand Rapids covering a grant of \$2,000 to be used under the direction of C. L. Bedford in Food Science to determine the factors involved in the freezing of Montmorency red cherries as individually quick frozen.
33. Grant of \$9,000 from the National Live Stock and Meat Board of Chicago to be used under the direction of A. M. Pearson and L. J. Bratzler in Food Science for a study of the factors influencing the eating qualities of beef.
34. Grant of \$9,960 from the National Institutes of Health of Bethesda to be used under the direction of Pericles Markakis in Food Science for research on the metabolism of anthocyanin pigments.
35. Renewal of a memorandum of agreement with Masonite Corporation, Research Department, of St. Charles, Illinois, covering a grant of \$4,050 to be used under the direction of Otto Suchsland in Forest Products for studies of the mechanical and physical behavior of hardboard as influenced by process variables.
36. Grants as follows to be used under the direction of J. W. Goff in the School of Packaging for research on the control of damage and the sealing of packaging materials at high machine speeds:
- a. \$3,000 from The Procter & Gamble Company of Cincinnati
 - b. \$3,000 from the Koppers Company, Inc., of Monaca, Pennsylvania
 - c. \$3,000 from the Avis Industrial Corporation of Roseville
 - d. \$3,000 from The Mead Corporation of Cincinnati
 - e. \$3,000 from Esso Research and Engineering Company of Linden, New Jersey
 - f. \$9,000 from General Motors Corporation of Detroit
37. Grant of \$1,500 from W. R. Grace Company, Research Division, of Clarksville, Maryland, to be used under the direction of D. P. White in Forestry for research on the use of metal ammonium phosphates as slow release nutrient sources in tree nutrition.
38. Approval of a memorandum of agreement with the Stockbridge Vegetable Producers, Inc., of Stockbridge, covering a grant of \$500 to be used under the direction of Deran Markarian in Horticulture to increase seed from selected head samples of lettuce.
39. Approval of a memorandum of agreement with the Foundation for Future Florists of Detroit covering a grant of \$9,800 to be used under the direction of L. J. Tolle, Jr., in Horticulture to determine the nature, purpose, and potential of the uses to which flowers and floral art are or may be put in liturgical and ecclesiastical affairs.
40. Grant of \$290.50 from the National Academy of Sciences of Washington, D.C., to be used under the direction of S. H. Wittwer in Horticulture for financial support for a graduate student.
41. Approval of memoranda of agreement as follows covering grants to be used under the direction of R. K. Ringer in Poultry Science to study the development of criteria to evaluate chemical effects of pesticides with special reference to reproductive, nervous, and cardiovascular systems in birds:
- a. \$5,000 from The Dow Chemical Company of Midland
 - b. \$600 from the Michigan Department of Conservation
 - c. \$3,600 from the Department of the Interior, Bureau of Sport Fisheries and Wildlife, of Washington, D.C.
42. Approval of a memorandum of agreement with the Ciba Pharmaceutical Company of Summit, New Jersey, covering a grant of \$1,600 to be used under the direction of P. J. Schaible in Poultry Science to tranquilize adult female mink, particularly those that have resisted previous attempts at matings by orthodox methods, so that they may be bred and produce litters more easily.
43. Grant of \$250 from the Gratiot Bean Growers Association of Breckenridge to be used under the direction of J. F. Davis in Soil Science to help pay for an experimental bean thresher.

Gifts and
Grants

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

44. Grants as follows to be used under the direction of R. L. Cook in Soil Science to help defray expenses for the North Central Meetings of the American Society of Agronomy:
 - a. \$187.50 from the American Agricultural Chemical Company of Detroit
 - b. \$150 from the Farmers and Manufacturers Beet Sugar Association and the Michigan Foundation Seed Association of Saginaw and East Lansing
45. Approval of a memorandum of agreement with the Geigy Agricultural Chemicals Division of the Geigy Chemical Corporation of Yonkers, New York, covering a grant of \$2,000 to be used under the direction of B. G. Ellis and J. F. Davis in Soil Science to determine the role of zinc in the growth of farm crops in Michigan soils.
46. Renewal of a memorandum of agreement with The Edward C. Levy Company of Detroit covering a grant of \$6,000 to be used under the direction of E. C. Doll and B. G. Ellis in Soil Science to study the role of lime in agriculture, specifically from the standpoint of the relationship between the mineral composition of the clay and the release of calcium at different pH levels.
47. Renewal of a memorandum of agreement with the Tennessee Valley Authority of Wilson Dam, Alabama, covering a grant of \$4,750 to be used under the direction of E. D. Doll, J. A. Porter, and L. S. Robertson in Soil Science to conduct fertilizer test demonstration programs and to demonstrate the possibility of a need for zinc in fertilizers used for Michigan crops.
48. Grant of \$200 from the French Government to be used under the direction of S. R. Townsend in Foreign Languages to encourage the study of the French Language and French civilization.
49. Grant of \$43,169.02 from the United States Air Force to be used under the direction of J. D. Edwards in Accounting and Financial Administration for the educational program of the United States Air Force Comptrollership Officers.
50. Grants as follows to be used under the direction of H. O. Barbour in Hotel, Restaurant, and Institutional Management:
 - a. \$4,500 from the Founders' Fund, Institute of Applied Hotel Economics, of Detroit for grants to faculty members for study and research in the field of hospitality administration.
 - b. \$3,150 from the Brunswick Corporation of Chicago to cover miscellaneous costs involved in research for Recreation Center administration.
51. Grants as follows to be used under the direction of T. A. Staudt in Marketing and Transportation Administration:
 - a. \$500 from the National Retail Merchants Association of New York City for retailing research
 - b. \$1,500 from Kysor Industrial Corporation of Cadillac to support graduate study and research
 - c. For the Mass Marketing Management program--\$1,000 of each grant to a recipient and \$500 for the administration of the program:
 - 1) \$1,500 from Campbell Soup Company of Camden, New Jersey
 - 2) \$1,500 from La Choy Food Products (Division of Beatrice Foods Company) of Archbold, Ohio
 - 3) \$1,500 from Philip Morris, Inc., of New York City
 - 4) \$1,500 from Savannah Sugar Refining Corporation of Savannah, Georgia
 - 5) \$1,500 from The Sperry and Hutchinson Company of New York City
 - 6) \$1,500 from Star-Kist Foods, Inc., of Terminal Island, California
 - 7) \$1,500 from Tyler Refrigeration Corporation of Niles
52. Grant of \$3,600 from the National Association of Purchasing Agents of New York City to be used under the direction of J. H. Hoagland in Management for the support of a doctoral candidate studying fluctuations of purchasing inventory policies in steel.
53. Grant of \$65,414 from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration of Washington, D.C., to be used under the direction of H. J. Oyer in Speech to train individuals in speech and hearing therapy and methods of clinical rehabilitation, and to provide funds for instructional supervisory personnel.
54. Grant of \$70,000 from an anonymous donor to be used under the direction of E. O. Melby and C. M. Campbell in Education for the preparation of programs of administrative personnel for community school settings.
55. Grant of \$13,170 from the Department of Health, Education, and Welfare of Washington, D.C., to be used under the direction of Elizabeth Drews in Education for a summary informational film on the effectiveness of special training with audiovisuals in guidance and counseling.
56. Grant of \$2,500 from the Midwest Program on Airborne Television Instruction, Inc., of Lafayette, Indiana, to be used under the direction of John X. Jamrich in Education to provide professional assistance in the utilization and evaluation of instructional television.
57. Grant of \$21,960 from the Department of Health, Education, and Welfare of Washington to be used under the direction of Norman Kagan in Education for the payment of stipends to enrollees in Summer Session NDEA Counseling and Guidance Training Institute.
58. Grant of \$108,038 from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, of Washington to be used under the direction of G. A. Miller in Education to continue training rehabilitation counselors.

September 20, 1963

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

59. Grant of \$700 from The Babcock and Wilcox Company of New York City to be used under the direction of Dean Ryder in Engineering to aid engineering and technical education.
60. Grant of \$500 from the Foundry Educational Foundation of Cleveland, Ohio, to be used under the direction of A. J. Smith in Metallurgy, Mechanics, and Materials Science for travel and incidental expenses.
61. Grant of \$975 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of Olaf Mickelsen in Foods and Nutrition to conduct a pilot feeding study on rats with crystalline cycasin and furnish a report of results and selected tissue samples.
62. Grant of \$55,106 from the Department of Health, Education, and Welfare of Washington to be used under the direction of Leroy Augenstein in Biophysics to find biochemical changes in enzyme inactivation by radiation.
63. Approval of a memorandum of agreement with the Michigan Blueberry Growers' Association of Grand Junction covering a grant of \$1,500 to be used under the direction of E. H. Barnes in Botany and Plant Pathology to investigate the etiology and incidence of a new disease of blueberries in Michigan.
64. Grants as follows to be used under the direction of E. S. Beneke in Botany and Plant Pathology:
 - a. \$12,580 from the National Institutes of Health for the selection of Oncostatic strains of *gigantea*.
 - b. \$5,658 from The Michigan Cancer Foundation of Detroit to study the biochemical requirements for production of the tumor-inhibiting substance in *Boletus adulis*, a mushroom.
65. Grant of \$64,400 from the National Science Foundation to be used under the direction of J. E. Cantlon in Botany and Plant Pathology for research on mechanisms in community organizations.
66. Grant of \$250 from the Charles F. Kettering Foundation of Dayton, Ohio, to be used under the direction of N. E. Good in Botany and Plant Pathology to provide travel to national meetings for a staff member.
67. 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 and Plant Pathology to study the fungicidal activity of n-dodecylguanidine acetate against apple scab and cherry leaf spot.
68. Grant of \$2,760 from The Michigan Cancer Foundation of Detroit to be used under the direction of H. H. Murakishi in Botany and Plant Pathology to study certain factors which affect the production of antiviral substances in infected plants.
69. Grant of \$49,800 from the National Science Foundation to be used under the direction of R. P. Scheffer in Botany and Plant Pathology for study of parasitism and disease development in plants.
70. Grants as follows to be used under the direction of A. I. Popov in Chemistry:
 - a. \$1,000 from the Monsanto Chemical Company of St. Louis, Missouri, to support summer research fellows.
 - b. \$1,841 from E. I. duPont DeNemours and Company of Wilmington, Delaware, to support a postgraduate teaching assistant.
 - c. \$16,493 from the United States Army Research Office of Durham, North Carolina, for exploratory basic research in physical sciences.
 - d. \$12,000 from the National Science Foundation for the purchase of a recording broad range spectrophotometer.
71. Grant of \$18,232 from the United States Army Research Office of Durham, North Carolina to be used under the direction of Harold Hart in Chemistry for exploratory basic research in physical sciences (reactions of aryl carbonium ions).
72. Grant of \$21,840 from the American Chemical Society of Washington, D.C., to be used under the direction of G. J. Karabatsos in Chemistry for a study of Carbonium Ion rearrangements.
73. Grant of \$11,000 from the American Chemical Society, Petroleum Research Fund, of Washington, D. C., to be used under the direction of J. B. Kinsinger in Chemistry for research on solution properties and microstructure of Poly-Olefins.
74. Grant of \$12,300 from the National Science Foundation of Washington to be used under the direction of Ti Yen in Mathematics to study properties of Abelian groups and their subgroups of automorphisms.
75. Grant of \$8,496 from the Department of Health, Education, and Welfare of Washington to be used under the direction of Florence C. Kempf in Nursing to increase the number of graduate nurses qualified for positions as teachers and administrators in schools of nursing and as supervisors and administrators of nursing services in hospitals and in public health agencies.

NEW BUSINESS, continuedGifts and
GrantsGifts and Grants, continued

76. Grant of \$50,525 from the United States Atomic Energy Commission of Argonne, Illinois, to be used under the direction of Hugh McManus in Physics and Astronomy for theoretical investigation of scattering problems, including the scattering of particles by nuclei.
77. Grant of \$50,846 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of D. J. Montgomery in Physics and Astronomy to search for possible effects of magnetic fields on biological processes.
78. Grant of \$300 from Richard J. Ball of Owosso to be used under the direction of S. H. Bartley in Psychology for visual research.
79. Grants as follows to be used under the direction of G. J. Aldridge in Social Work:
 - a. \$1,200 from the Community Services Council of Lansing for graduate education for one student.
 - b. \$22,147 from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, of Washington to assist in the preparation of graduate social work students for employment in physical and mental rehabilitation settings.
80. Grant of \$1,840 from The Pittsburgh Plate Glass Foundation of Pittsburgh to be used under the direction of Myles Boylan in Urban Planning and Landscape Architecture as a fellowship grant for a Master's candidate.
81. Grant of \$10,200 from the National Science Foundation to be used under the direction of W. C. Blinn in Natural Science to determine the effects of Pallial water and of body hydration upon certain behavioral responses of land snails.
82. 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.
83. Grant of \$9,775 from The American Cancer Society, Inc., of New York City to be used under the direction of W. N. Mack in Microbiology and Public Health for studies on the Verruca virus.
84. Grant of \$56,297 from the National Aeronautics and Space Administration of Washington, D.C., to be used under the direction of W. D. Collings in Physiology and Pharmacology for cardiovascular and kidney blood flow studies in mammals.
85. Grants as follows to be used under the direction of Joseph Meites in Physiology and Pharmacology:
 - a. \$4,600 from the Michigan Cancer Foundation of Detroit to determine the relation of the Neuroendocrine system to the development of pituitary and mammary cancers.
 - b. \$2,520 from the National Institutes of Health for a foreign postdoctoral fellowship grant.
86. Grant of \$172,500 from the Department of Health, Education, and Welfare of Washington to be used under the direction of M. E. Muelder, Dean of the Graduate School. This is the institution grant of \$2,500 for each of 69 students who will be attending the University in 1963-64 under the National Defense Education Act-Title IV. Students receive their stipends direct from the United States Office of Education.
87. Grant of \$21,000 from the National Science Foundation to be used under the direction of Allan Tucker in Research Development to develop simplified systems of measuring, recording, and reporting university facilities and manpower related to research, instruction, and extension.
88. Grant of \$1,000 from the Institute of Science Technology of Ann Arbor to be used under the direction of L. L. Quill in Research Development to survey the trend in research expenditures for approximately a 15-year period.
89. Renewal of a memorandum of agreement with the Michigan Milk Producers Association of Detroit covering a grant of \$500 to be used under the direction of Richard Estell in Radio Broadcasting to support production and distribution of the "Food for Thought" radio series and other agricultural broadcasts.
90. Grant of \$2,000 from Mrs. Estelle R. Warren of Lakeside, Michigan, to be used under the direction of M. R. Cain in the Museum to engage a professional person in history to assist in collecting manuscripts and artifacts concerning early Michigan.
91. Grant of \$2,000 from the Marathon Oil Foundation, Inc., of Findlay, Ohio, to be used under the direction of H. R. Neville in Continuing Education to develop further the programs in Continuing Education.
92. Grant of \$100 from the United Church Women of Greater Lansing to be used under the direction of Homer Higbee in International Programs to provide emergency aid to foreign students.
93. Renewal of a memorandum of agreement with The Ford Foundation of New York City covering a grant of \$202,000 to be used under the direction of Dean Taggart in International Programs to continue advisory assistance to the Government of Pakistan in connection with the establishment of two academies for rural development in East and West Pakistan.
94. Grant of \$11,500 from The Rockefeller Foundation of New York City to be deposited in the Discretionary Gift Fund. This is an outright grant in appreciation for courtesies extended to Rockefeller Foundation fellows.

NEW BUSINESS, continuedGifts and Grants, continued

95. Grant of \$25,000 from Benjamin H. Anibal of Birmingham to the MSU Development Fund to help furnish and equip the Engineering Library in the new Engineering building.
96. Grant of 35 shares of Eaton & Howard Stock Fund valued at \$476.70 from Mr. and Mrs. Mark V. Burlingame of Chicago. This is payment of their 1963 MSU Associates pledge.
97. Grant of \$2,400 from the Gerber Baby Foods Fund of Fremont to be credited to the Discretionary Gift Fund. This grant is made in conjunction with scholarships granted by the Fund to 12 students who have enrolled at the University.

On motion by Mr. Huff, seconded by Mr. Vanderploeg, it was voted to accept the Gifts and Grants.

Reports for Board Members

Gifts and Grants

Reports for Board members

1. The following alterations and improvements have been approved since the July Trustees' meeting and charged to Alterations and Improvements 11-5173:

a. Convert Room 105 Music Building to secretarial office, alterations to Room 107, and improve lighting in Room 105	\$1,050	
b. Renovations to Room 3, Journalism Building Photographic Laboratory	500	
c. Following alterations to Room 121, Women's IM Building:		
1) Rework south door to Dutch door		
2) Cut service window west wall		
3) Fabricate and install basketball rack south wall		
4) Cut service window east wall	1,300	
d. Continue Job 7559 (alterations to Old Chemical Engineering Building) for Botany	2,450	
e. Install new door between corridor on east side of old pool area of Women's IM Building	1,000	
f. Partition hall space in Marshall Hall to create office area for Economics	1,200	
g. Install conduit to connect all existing floor outlets in Kresge Art Center	725	
h. Install 200-volt 3-base line for liquid nitrogen storage facilities-Physics	225	
i. Install acoustical tile in Rooms 413 and 414 Olds Hall for Police Adm.	540	
j. The following alterations were paid from two accounts:		
Alterations to Room 318 Giltner Hall for Microbiology:		
From Alterations and Improvements 11-5173	\$1,420	1,420
From Microbiology and Public Health 11-2943	400	
		<u>\$10,400</u>
Total from Alterations and Improvements 11-5173	\$10,400	
Total from 11-2943	400	
Grand Total	<u>\$10,800</u>	

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

OAKLAND UNIVERSITY

Oakland Univ Resignations

Resignations and Terminations

1. Loren Pope, Assistant to the Chancellor and Lecturer in Great Issues, September 30, 1963.
2. Robert W. Holmes, Assistant Dean of Music Students with the rank of Assistant Professor, September 30, 1963.

Appointments

Appointments

1. Thomas M. Coppe, Assistant Librarian, at a salary of \$6000 per year on a 12-month basis, effective August 12, 1963 to June 30, 1964.
2. Gottfried Brieger, Assistant Professor of Chemistry at a salary of \$8200 per year on a 10-month basis effective August 15, 1963.

Transfers

Transfers

1. Robert G. Hoopes, Assistant to the Chancellor and Professor and Chairman of the Department of English to Professor and Chairman of English at a salary of \$17,500 on a 12-month basis effective July 1, 1963.

Miscellaneous

Personnel recommendations

1. Recommendations from the Director of Personnel, as follows:
- a. Reclassify a Curator VIII to an Administrative Assistant, Science and Engineering Division, AP-I position
- b. Establish a Cashier and Voucher Auditor AP-I position in the Business Office.

Gifts and Grants

Gifts and Grants

1. Gift of an upright Sohner piano valued at \$300 from Dean George T. Matthews of Rochester for use in the Music Department.
2. Gift of 12 plate glass mirrors and 5,000 yards of decorating paper valued at \$1,893 from Travis Farms of Lakeville for use in intramural sports and recreation building program.

OAKLAND UNIVERSITY, continued

Gifts and Grants, continued

3. Grants for scholarship purposes, as follows:

a. For scholarship account 92-3225:

\$500 from the Rochester Papger Company of Rochester
 \$100 from Mr. and Mrs. G. D. Daugharty of Orchard Lake
 \$100 from The Holley Foundation of Warren
 \$ 50 from Anne Kyes of Bloomfield Hills
 \$ 50 from Chancellor Varner

b. For scholarship account 32-3226:

\$280 from Mrs. D. H. Curry of Royal Oak
 \$500 from Mrs. William T. Gossett of Bloomfield Hills
 \$ 25 from the Lawyers Wives of Macomb County of Utica
 \$205.50 from the Oakland University Tribute Fund
 \$600 from the Rochester Junior Women's Club of Rochester
 \$100 from James C. Zeder of Bloomfield Hills

c. For specified students, account 92-3359:

\$100 from The American Legion of Detroit
 \$300 from the Auburn Heights Community Scholarship Loan Fund
 \$100 from Berkley High School
 \$250 from the First Congregational Church of Wayne
 \$375 from Mrs. William T. Gossett of Bloomfield Hills
 \$324 from the Lambda Chi Omega National Sorority of Pontiac
 \$200 from the National Secretary's Association of Detroit
 \$500 from the Pontiac Council of PTA's
 \$200 from the Waterford Township High School of Pontiac
 \$200 from the Wayne Federation of Teachers of Wayne

4. Grant of \$10,000 from Mrs. Graham J. Graham of Bloomfield Hills to be used under the direction of Chancellor Varner for the renovation of the lower level of the Intramural Building for the establishment of a temporary theater. The donor requests no public notice.
5. Grant of \$500 from Katharine Kyes of Bloomfield Hills to be used under the direction of Chancellor Varner to enrich the Kresge Library resources in the field of English literature.
6. Grant of \$180,000 from the National Defense Student Loan Program of Washington, D.C., to be used under the direction of Chancellor Varner for student loans.
7. Grant of \$4,200 from the National Science Foundation of Washington, D.C., to be used under the direction of Paul Tombouljian in Chemistry for support of the undergraduate science program.
8. Grant of \$400 from the Pontiac Civitan Club to be used under the direction of Chancellor Varner for the support of the establishment of an Inter-Faith Religious Center on the Oakland University campus.
9. Grant of \$25,000 from the General Motors Corporation Research Laboratories to be used under the direction of Chancellor Varner for the support of the magnetism research programs.
10. Grant of \$5,000 from the Sage Foundation of Detroit to be used under the direction of Chancellor Varner as an unrestricted gift.
11. Grant of \$5,000 from the McGregor Fund of Detroit to be used under the direction of Chancellor Varner to finance to second annual symposium in the arts.

On motion by Mr. Harlan, seconded by Mr. Stevens, it was voted to approve all Oakland University Items.

ADDITIONAL ITEMS - Resignation

1. Lyle C. Wilcox, Instructor in Electrical Engineering, August 31, 1963.

Appointments

1. Fred W. Eckert, Professor of Hotel, Restaurant and Institutional Management at a salary of \$1750 for the period September 1, 1963 to December 31, 1963.
2. Thomas V. Telder, Instructor in Education at a salary of \$7000 per year on a 10-month basis effective September 1, 1963.
3. Helmy H. El Sherif, Instructor in Electrical Engineering at a salary of \$5500 for the period September 16, 1963 to June 15, 1964.

On motion by Mr. Stevens, seconded by Dr. Smith, it was voted to approve the above Resignations and Terminations and Appointments.

Miscellaneous

1. Recommendation from the Retirement Committee for the retirement of James Hicks, employee in Buildings and Utilities, at a retirement salary of \$993 per year, effective September 1, 1963. Mr. Hicks was born on August 16, 1895, and was employed by the University from March 4, 1946 to June 30, 1961.

On motion by Mr. Merriman, seconded by Mr. Vanderploeg, it was voted to approve the retirement of Mr. Hicks.

2. Report of the death of Bernard R. Proulx September 15, 1963. Mr. Proulx was born on Nov. 10'94 and was first employed by the University July 1, 1922.

(Oakland Univ.
 (Gifts and
 Grants

Resignations

Appointments

Retirement
 James Hicks
 approved

ADDITIONAL ITEMS, continuedMiscellaneous, continuedApproval
flood light-
ing for 10
tennis courts

3. On September 12 the following bids were received for the installation of flood lighting on 10 tennis courts south of the Stadium:

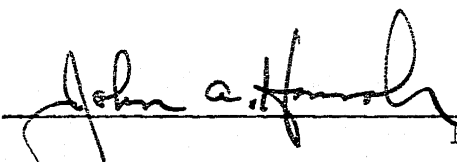
	Base Bid	Alternate No. 1	Alternate No. 2	Alternate No. 3A	Alternate No. 3B
Barker-Fowler	\$13,965	-\$625	+\$1,575	+\$725	+\$550
Central Electric	14,720	+ 437	+ 2,027	nc	nc
Hall Electric	15,333	- 567	+ 2,264	nc	nc
Lansing Electric Motors	16,420	- 746	+ 1,560	+ 740	+ 740
Hatzel & Buehler	17,750	- 450	+ 2,100	nc	nc

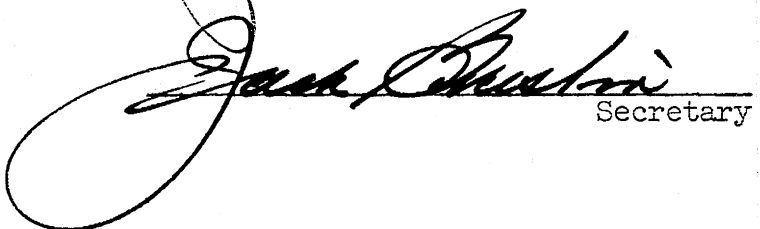
It is recommended that a contract be awarded Barker-Fowler, the low bidder, on the base bid plus Alternate No. 2 for \$15,540. Alternate No. 2 will provide aluminum poles and materially reduce future maintenance.

On motion by Mr. Stevens, seconded by Dr. Smith, it was voted to approve Item 2.

The meeting adjourned at 3:50 p.m.

The next meeting will be held October 25, 1963, with an informal dinner Thursday evening, October 24.


President


Secretary