

MINUTES OF THE MEETING
of the
FINANCE COMMITTEE
April 16, 1964

The Finance Committee convened at Kellogg Center at 7 a.m. for breakfast.

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

Absent: No one

1. Scudder, Stevens & Clark and Earl Cress recommended the following investment items:

Retirement Fund

<u>Amount</u>	<u>Security</u>		<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend purchasing:						
\$220,000	U. S. Treasury 3 7/8s-5/15/65 (Holding \$65,000)		\$100	\$220,000	\$8,525	4.0%
\$220,000	U. S. Treasury 3 5/8s-2/15/66 (Holding \$225,000)		100	220,000	7,975	4.1%
				<u>\$440,000</u>	<u>\$16,500</u>	<u>3.8%</u>
2,500 shs.	Prentice-Hall Publishing	\$0.40	27	67,500	1,000	1.5%
Recommend selling:						
1,600 shs.	Bendix Corporation	2.40	45	72,000	3,840	5.3%
1,000 shs.	May Department Stores	2.40	80	80,000	2,400	3.0%
				<u>152,000</u>	<u>6,240</u>	<u>4.1%</u>
Recommend purchasing:						
1,000 shs.	Amerada Petroleum	2.00	76	76,000	2,000	2.6%
3,000 shs.	American Hospital Supply	0.30	24	72,000	900	1.2%
				<u>\$148,000</u>	<u>\$2,900</u>	<u>2.0%</u>
Recommend selling:						
300 shs.	U. S. Steel 7% pfd.	7.00	150	45,000	2,100	4.6%
91 shs.	International Harvester 7%	7.00	163	14,833	637	4.3%
				<u>\$ 59,833</u>	<u>2,737</u>	<u>4.6%</u>
Recommend purchasing:						
400 shs.	Bethlehem Steel 7% Pfd. (Holding 300)	7.00	152	60,800	2,800	4.6%
or						
6,500 shs.	Union Pacific R. R. \$0.40 Pfd. (Holding 13,000)	0.40	9 $\frac{1}{4}$	60,125	2,600	4.4%
<u>Fred T. Russ Fund</u>						
Recommend selling:						
100 shs.	May Department Stores	2.40	80	8,000	240	3.0%
Recommend purchasing:						
100 shs.	International Harvester	2.80	72	7,200	280	3.9%
10 shs.	Norfolk & Western Railway (Holding 30)	6.00	129	1,290	60	4.6%
				<u>\$8,490</u>	<u>\$8,490</u>	<u>4.00%</u>
<u>Laverne Noyes Scholarship Fund</u>						
Recommend selling:						
30 shs.	May Department Stores	2.40	80	\$2,400	72	3.0%
Recommend purchasing:						
40 shs.	Southern Company	1.70	55	2,200	68	3.1%
<u>Jenison Fund</u>						
Recommend purchasing:						
\$27,000	U. S. Treasury 3 7/8s-5/15/65		100	27,000	1,046	4.0%
200 shs.	Deere & Company (Holding 200)	1.20+	44	8,800	240+	2.7%
51 shs.	First National City Bank of N.Y. (Holding 169)	3.00	116	5,916	153	2.6%
150 shs.	Southern Company (Holding 400)	1.70	55	8,250	255	3.1%
50 shs.	Atlantic Coast Line R.R. (Holding 150)	2.50	71	3,550	125	3.5%
				<u>\$53,516</u>	<u>\$1,819+</u>	<u>3.4+</u>

continued - -

Minutes of the Finance Committee meeting, continued:

1. Scudder, Stevens & Clark and Earl Cress recommended the following investment items, continued:

Spartan Fund

<u>Amount</u>	<u>Security</u>		<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend purchasing:						
40 shs.	International Harvester	2.80	71	\$ 2,840	112	3.9%
40 shs.	Amerada Petroleum	2.00	79	3,160	80	2.5%
60 shs.	Southern Company	1.70	55	3,330	102	3.1%
				\$ 9,330	\$ 294	3.2%

On motion by Mr. Nisbet, seconded by Mr. Pingel, it was voted to approve these recommendations with the request that Vice President May check with Mr. Cress and Mr. Harding before authorizing the sale of 300 shares of U. S. Steel 7% pfd. and 91 shares of International Harvester 7% pfd. and the purchase of Bethlehem Steel pfd. If the justification in Mr. May's thinking is sufficient, he is authorized to proceed. If the reasons do not seem compelling, he is authorized to retain the U. S. Steel pfd.

Mr. May authorized to sell \$2.2 million MSU bonds to Nat Bank of Det.

2. Mr. May requests authority to sell \$2.2 million Michigan State University bonds to the National Bank of Detroit at par, and to sign a 1-year repurchase agreement.

On motion by Mr. Nisbet, seconded by Mr. Huff, it was voted to approve the above request.

3. Recommendation that the Trustees approve the following allocation of funds raised in 1963 by the Michigan State University Development Fund Office:

Approval of allocation of funds raised in 1963 by MSU Development Fund Office

Alumni Distinguished Scholarship Awards	\$60,000.00
Distinguished Faculty Awards	6,250.00
Planetarium Account--Interest Due	5,418.86
Development Fund Administrative Expense	10,098.15
Planetarium	51,905.30
Office Equipment for Development Fund	13,500.00
English Department	400.00
Art Department	4,500.00
Library	5,000.00
Total	\$157,072.31

On motion by Mr. Bagwell, seconded by Mr. Merriman, it was voted to approve the above allocation.

4. Communication from Mr. May with reference to the Oliver plant property in Battle Creek:

At the last Board meeting I reported that it was possible that a group of Battle Creek residents might form a corporation to purchase the Oliver plant if suitable financial arrangements could be worked out.

I have now been advised by Mr. Merrill, Secretary of the Chamber of Commerce, that the interested group does not feel it should undertake a project of this magnitude.

I would therefore like the concurrence of the Board to proceed with a management contract with Hubbard Associates of Detroit for the sale and/or leasing of the property. Any sales, of course, would need to be brought to the Board for approval. It is suggested that leases be signed for this property.

Mr. May to proceed with management contract with Hubbard Assoc. of Detroit for sale or leasing of Oliver plant

On motion by Mr. Pingel, seconded by Dr. Smith, it was voted to approve Item 4.

5. Parking and Driving Regulations, Bus Service, et cetera.

Parking and Driving regulations, bus service, et cetera

- a. The recommendations relative to campus parking and driving to be effective for the fall of 1964 are nearing finalization. A draft of the rules in the present form accompanied this agenda. These rules will not be finalized until after the faculty committees and the Academic Council have had another opportunity to discuss them. The final version will be presented for approval of the Trustees at the May meeting.

- b. In order that we may proceed with the planning and construction of parking lots and the purchase of buses, I will need authorization from the Board to incur substantial obligations. These may be summarized as follows:

1) Construction of storage parking lot at Mt. Hope and Farm Lane	\$175,000
2) Parking meters and parking gates	25,000
3) Ten buses	270,000

I would suggest that the cost of the buses be financed with a 10-year loan bearing 5% from the Pension Fund. This loan is to be repaid in annual installments over the 10-year period.

At the close of this fiscal year, approximately \$425,000 of the cost of the South Campus parking ramp will remain unfunded. With additional expenditures of \$200,000 referred to above, the unfunded expenditures for parking facilities will amount to

Minutes of the Finance Committee Meeting, continued:

Parking and driving regulations, bus service, et cetera, cont.

5. Parking and Driving Regulations, Bus Service, et cetera, continued:

\$625,000. I would like Board approval to continue to carry this item unfunded, but with the understanding that all of the income from the student and faculty car registrations as well as parking meter and lot revenue is to be applied to the liquidation of this obligation. It is my estimate that the fees proposed in the parking regulation with the miscellaneous parking income will amount to approximately \$200,000 per year.

We will still have a serious parking problem on the North Campus; and it may be that before the \$625,000 is paid off, we will want to refinance this obligation to permit construction of a parking ramp on the North Campus.

It was voted to approve these regulations in principle and to authorize preliminary planning to activate this program as now contemplated with the understanding that the entire program will be presented in greater detail for final action at the May meeting of the Trustees.

6. Long ago the Trustees authorized planning and construction of two additional dormitories to be available for the fall of 1965. The plans are completed. It is expected that the legislature before adjournment will approve the resolution authorizing their construction.

A problem arises due to the probability that the new steam plant will not be in operation until sometime after January 1, 1966. In view of this situation, it is recommended that the Board authorize the immediate construction of the dormitory to be built east of McDonel Hall and north of Shaw Lane near the intersection of Hagadorn Road, and that we postpone starting construction on the second one until approximately March 1965.

After considerable discussion, it was agreed that we should proceed immediately with the construction of the first dormitory recommended above. It was the expressed hope of several of the Trustees that it would be feasible to start construction of the second dormitory so that it, too, could be available in the fall of 1965. The final decision as to when its construction is to be undertaken will be made at a later date.

7. The President pointed out the need for the selection of an architect to begin finalizing the planning for the new building to house the two-year medical programs that cannot be accommodated in existing structures.

After discussion, it was moved by Mr. Harlan, seconded by Mr. Pingel, and voted to authorize the employment of Ralph R. Calder Associates. This building is to be known as the Life Science Building.

8. The President reminded the Trustees of the spring meeting of the Association of Governing Boards at the University of Nevada Reno Campus and urged at least one member to attend.

After canvassing the group, Mr. Warren Huff agreed that he would represent the Trustees at this meeting.

Adjourned.

MINUTES OF THE MEETING
of the
BOARD OF TRUSTEES
April 16, 1964

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

Absent: No one

The meeting was called to order at 10:15 a.m.

The Minutes of the March meeting were approved.

SPECIAL MISCELLANEOUS

1. Approval of the Finance Committee items on the preceding pages.

On motion by Mr. Merriman, seconded by Mr. Nisbet, it was voted to approve the Finance Committee Items on the preceding pages.

2. Mr. Nisbet presented the following resolution:

WHEREAS, the affairs of this University have assumed an ever increasing complexity with the passage of time, and

WHEREAS, the knowledge and experience of the principal administrative officer have been invaluable to the present development of the University and will continue to be required for the future success of the institution,

NOW, THEREFORE, Be It Resolved that the President shall be eligible to continue in office at the pleasure of the Board for such term as he shall be able to serve effectively, without regard to mandatory retirement occasioned by age.

This was seconded by Mr. Harlan and unanimously voted.

Approval dorm to be built east of McDonel Hall

And possibly second one to be ready for fall of 1965

Ralph Calder Associates Architect for Life Science Bldg.

Mr. Huff to represent Board at Assoc. Gov. Bds. meeting

Approval Finance Com. Meeting items

Approval resolution re: retirement of President

SPECIAL MISCELLANEOUS, continued

3. Up until now the new building under construction to house our International Programs and certain other activities has been referred to as the International Center. It is recommended that this building be officially known as "The Center for International Programs."

Int Prog
Bldg named
"The Center
for Inter-
national
Programs"

On motion by Mr. Merriman, seconded by Mr. Nisbet, it was voted to approve the recommendation above.

4. In the Akers-Fee dormitory complex we are building a free-standing library and auditorium to serve the Akers and Fee Dormitories, McDonel Halls, and the dormitories to be built later in that area. It is desirable to give this building a name of its own, and at an early date, so that it can be referred to in student publications now in preparation for next year's use.

Library and
auditorium
in Akers and
Fee dormitory
complex named
"The Elisa-
beth W. Con-
rad Hall"

It is recommended that this building be named in honor of Elisabeth W. Conrad who served as our first Dean of Women and as Professor of French from October 1928 through June 30, 1945. Miss Conrad died in Washington, D. C., in November 1963. The building is to be known as "The Elisabeth W. Conrad Hall."

On motion by Mr. Merriman, seconded by Mr. Nisbet, it was voted to approve the above recommendation

5. Approval of a resolution commending the Detroit Economic Club and its President, General Lester Skene Bork for the program they arranged for April 13, 1964.

Resolution
sent to
General Lester
S. Bork for
program
arranged by
Detroit Econ.
Club

After discussion, On motion by Mr. Harlan, seconded by Dr. Smith, it was voted to commend the Detroit Economic Club and its President, General Lester Skene Bork for arranging the program for the luncheon meeting on April 13, 1964, at which an opportunity was given to spokesmen for higher education to describe the difficulties confronting the colleges and universities of Michigan in their attempts to provide increasingly good education for the increasing numbers of students they are being called upon to admit, and in their attempts to extend educational opportunities to those in whose paths economic and social barriers still stand. The Trustees are confident that the people of Michigan will make the necessary means available if they are provided with the relevant facts, and are grateful for the opportunity to present such facts to the leadership represented by the members of the Detroit Economic Club.

6. Mr. Bagwell expressed his regret over an article in a recent issue of the State News, criticizing Representative Arnell Engstrom.

Letter of
regrets sent
Rep. Arnell
Engstrom
over article
which appeared
in State News

On motion by Mr. Bagwell, seconded by Dr. Smith, it was unanimously voted to instruct the Secretary of this Board to write to Representative Engstrom expressing the regrets of the Board of Trustees that a signed column by a student in the April 10 issue of the State News disparaged without warrant a respected member of the House of Representatives. The Trustees defend the right of students to express their views on the editorial page of the student newspaper without censorship, but they want to assure Representative Engstrom that the opinions expressed by the writer in this instance were his alone, and obviously based on nothing substantial. They fully appreciate the able and conscientious service he has consistently given to the entire State, and they are appreciative of his consistent support of higher education and of Michigan State University in particular over a long period of years.

Board commends
Math Team
which won
Putnam Nation-
al Award

7. Commendation for the Michigan State University mathematics team which recently won the Putnam National Award for mathematics excellence.

On motion by Mr. Huff, seconded by Mr. Merriman, it was unanimously voted that the Board record in these minutes their pleasure, approval and gratification over the success of the Michigan State University mathematics team which recently won the Putnam National Award for mathematics excellence.

NEW BUSINESSResignations and Terminations

Resignations

1. Diane M. Place, Home Economics Agent, Wayne County, March 20, 1964 to accept employment as Consumer Consultant to the Department of Health, Education and Welfare.
2. Cancellation of the appointment of Patrick Heron, Visiting Artist, Art Department, April 1, 1964. Mr. Heron is ill and unable to report for duty.
3. Malcolm S. MacLean, Jr. Professor of Communication and Associate Director of the Communications Research Center, June 30, 1964 to accept a position at the University of Iowa.
4. Edward J. Hardick, Instructor in Speech, August 31, 1964 to accept a position at the University of Tennessee.
5. Thomas Telder, Instructor in Teacher Education, August 31, 1964 to allow more time to pursue his doctoral program.
6. Gerard P. Weeg, Professor of Mathematics and Electrical Engineering, December 31, 1963 to accept a position at the State University of Iowa.
7. C. Robert Warner, Assistant Professor of Mathematics, August 31, 1964.
8. Cancellation of the appointment of Burton S. Dow, III, Instructor in Humanities, September 1, 1964. He cannot leave his present position because of personal family reasons.
9. Ann Harakas, Librarian, Library, March 6, 1964 for health reasons.

NEW BUSINESS, continued

Leaves

Leaves--Sabbatical

1. Boyd C. Wiggins, Extension Director Branch County, with full pay from June 1, 1964 to August 31, 1964 to complete his M.S. at M.S.U.
2. Rollin H. Simonds, Professor of Management with full pay from January 1, 1965 to March 31, 1965 for study and travel in the United States.
3. Ruby Junge, Associate Professor of Elementary and Special Education, with full pay from September 1, 1964 to December 31, 1964 to study in East Lansing, Detroit and Ann Arbor.
4. David R. Krathwohl, Professor of Foundations of Education, with full pay from April 1, 1964 to June 30, 1964 to study in East Lansing.
5. David R. Krathwohl, Professor of Foundations of Education, with full pay from April 1, 1964 to June 30, 1964 to study in East Lansing.
5. John D. Ryder, Dean of the College of Engineering, with full pay from June 25, 1964 to September 25, 1964 to travel in Europe.
6. Howard S. Potter, Associate Professor (Extension) Botany and Plant Pathology, with full pay from May 16, 1964 to June 10, 1964 to study at the Experiment Station in Florida.
7. Harry A. Eick, Associate Professor of Chemistry, with half pay from September 1, 1964 to August 31, 1965 to study in New Mexico and Sweden.
8. Richard H. Schwendeman, Associate Professor of Chemistry with half pay from September 1, 1964 to August 31, 1965 to study at the University of Uppsala, Sweden.
9. Leroy M. Kelly, Professor of Mathematics, with half pay from September 1, 1964 to August 31, 1965 to study at Cambridge.
10. Boris P. Pesek, Professor of Economics, with full pay from April 1, 1965 to June 30, 1965 for study and travel in East Lansing and Europe.
11. Arthur F. Brandstatter, Professor and Director of the School of Police Administration and Public Safety, with full pay from October 1, 1964 to December 31, 1964 to write a book.
12. William A. Faunce, Associate Professor of Sociology and Anthropology and Labor and Industrial Relations, with full pay from September 1, 1964 to December 31, 1964 for study in East Lansing.
13. Robert F. Langham, Professor of Pathology, with full pay from June 16, 1964 to September 15, 1964 to study at Upjohn Company and Armed Forces Institute.

Leaves--Health

1. Burrell E. Henry, Extension Director Calhoun County, with full pay from April 1, 1964 to May 31, 1964.
2. Joseph W. Sheedy, Associate Professor of Mathematics, with full pay from March 1, 1964 to August 31, 1964.
3. Herbert Bergman, Assistant Professor of American Thought and Language, with full pay from April 1, 1964 to June 30, 1964.

Leaves--Other

1. Clinton E. Peterson, Professor (Res.) of Horticulture without pay from May 1, 1964 to June 30, 1964 for work with the Greek Government.
2. Georges J. Joyaux, Professor of Foreign Languages, without pay from September 1, 1964 to August 31, 1965 to be Visiting Professor at the University of Arizona.
3. Robert W. Johnson, Professor of Accounting and Financial Administration, without pay from September 1, 1964 to August 31, 1965 for study, research and to work for the National Conference of Commissioners on Uniform State Laws.
4. Herman Rubin, Professor of Statistics, without pay from September 1, 1964 to August 31, 1965 to study at Stanford. His travel expenses and summer salary will be paid through MSU from a research contract.

Appointments

Appointments

1. Harvey O. Middleton, 4-H Agent, Gratiot County, at a salary of \$6400 per year on a 12-month basis effective May 1, 1964.
2. Rella M. Bowers, Home Economics Agent, Clare and Gladwin Counties, at a salary of \$6,200 per year on a 12-month basis effective June 8, 1964.
3. Barbara Joan Henrikson, Home Economics Agent, Tuscola County, at a salary of \$6200 per year on a 12-month basis effective July 1, 1964.
4. Margaret Jane Suydam, Home Economics Agent, Allegan County, at a salary of \$8000 per year on a 12-month basis effective April 1, 1964.

NEW BUSINESS, continuedAppointments, continued

Appointments

5. Max Eugene Austin, Horticultural Agent, Macomb County, at a salary of \$8500 per year on a 12-month basis effective May 1, 1964.
6. William G. Bickert, Assistant Professor of Agricultural Engineering at a salary of \$9000 per year on a 12-month basis effective July 1, 1964.
7. Douglas J. Gerrard, Instructor in Forestry, at a salary of \$8500 per year on a 12-month basis effective July 1, 1964 to June 30, 1965.
8. Sadayoshi Omoto, Associate Professor of Art, at a salary of \$8900 per year on a 10-month basis effective September 1, 1964. Mr. Omoto is appointed with the understanding that before he is granted permanent tenure, it will be necessary for him to have passed the health examination required of all new employees.
9. Robert R. Bishop, Assistant Professor of Romance Languages and Literature, at a salary of \$8000 per year on a 10-month basis effective September 1, 1964.
10. Juan A. Calvo, Instructor in Romance Languages and Literature at a salary of \$6800 per year on a 10-month basis effective September 1, 1964.
11. Alexis Klimoff, Instructor in German and Slavic Languages and Literature at a salary of \$6000 per year on a 10-month basis effective September 1, 1964.
12. George Phillip Mansour, Instructor in Romance Languages and Literature at a salary of \$6800 per year on a 10-month basis effective September 1, 1964.
13. Philip M. Morris, Assistant Professor of German and Slavic Languages and Literature at a salary of \$7500 per year on a 10-month basis effective September 1, 1964.
14. Irvine Richardson, Professor of Oriental and African Languages and Linguistics and African Studies Center, at a salary of \$15,000 per year on a 10-month basis effective September 1, 1964.
15. John M. Trojanowicz, Instructor in German and Slavic Languages and Literatures at a salary of \$7300 per year on a 10-month basis effective September 1, 1964.
16. William Ross Russell, Assistant Professor of Economics, at a salary of \$10,300 per year on a 10-month basis effective September 1, 1964.
17. Sidney L. Berger, Assistant Professor of Speech, at a salary of \$7800 per year on a 10-month basis effective September 1, 1964.
18. Patricia Jean Cianciolo, Assistant Professor of Elementary and Special Education, at a salary of \$8800 per year on a 10-month basis effective September 1, 1964.
19. Douglas M. Gilmore, Assistant Professor of Elementary and Special Education, at a salary of \$10,000 per year on a 12-month basis effective August 1, 1964.
20. Ray G. Harper, Assistant Professor of Elementary and Special Education, at a salary of \$10,000 per year on a 12-month basis effective August 1, 1964.
21. William W. Joyce, Assistant Professor of Elementary and Special Education, at a salary of \$10,000 per year on a 12-month basis effective August 1, 1964.
22. Robert G. Oana, Assistant Professor of Elementary and Special Education, at a salary of \$10,000 per year on a 12-month basis effective August 1, 1964.
23. Evelyn A. Horenstein, (Instructor (Res.) in Botany and Plant Pathology at a salary of \$6500 per year on a 12-month basis effective May 1, 1964 to April 30, 1965.
24. Robert G. Griswold, Assistant Professor of Mathematics, at a salary of \$8200 per year on a 10-month basis effective September 1, 1964.
25. Friedrich Huckemann, Visiting Professor of Mathematics, at a salary of \$16,000 per year on a 10-month basis effective September 1, 1964 to August 31, 1965.
26. James Thomas Day, Assistant Professor of Mathematics, at a salary of \$13,000 per year on a 12-month basis effective September 1, 1964.
27. Joyce Young Passos, Assistant Professor of Nursing, at a salary of \$8000 per year on a 10-month basis effective September 1, 1964 to August 31, 1965.
28. Charles R. Gruhn, Assistant Professor of Physics and Astronomy, at a salary of \$8500 per year on a 10-month basis effective September 1, 1964.
29. John R. Hardy, Research Associate of Physics and Astronomy, at a salary of \$1100 per month from June 1, 1964 and August 31, 1964.
30. Ralph A. Pax, Assistant Professor of Zoology, at a salary of \$8000 per year on a 10-month basis effective September 1, 1964.

NEW BUSINESS, continuedAppointments, continued

Appointments

31. Byron W. Brown, Instructor in Economics, at a salary of \$9500 per year on a 10-month basis effective September 1, 1964.
32. Santo F. Camilleri, Associate Professor of Sociology and Anthropology, at a salary of \$13,000 per year on a 10-month basis effective September 1, 1964.
33. Ralph Nicholas, Assistant Professor of Sociology and Anthropology, at a salary of \$9200 per year on a 10-month basis effective September 1, 1964.
34. John Howard Ferres, Assistant Professor of American Thought and Language, at a salary of \$7800 per year on a 10-month basis effective September 1, 1964.
35. John A. Forman, Instructor in American Thought and Language, at a salary of \$7300 per year on a 10-month basis effective September 1, 1964.
36. George C. Landon, Instructor in American Thought and Language at a salary of \$6800 per year on a 10-month basis effective September 1, 1964.
37. Ann Newell Ridgeway, Instructor in American Thought and Language at a salary of \$6500 per year on a 10-month basis effective September 1, 1964.
38. Jack Salzman, Instructor in American Thought and Language, at a salary of \$6500 per year on a 10-month basis effective September 1, 1964.
39. Robert G. Wright, Instructor in American Thought and Language, at a salary of \$6800 per year on a 10-month basis effective September 1, 1964.
40. Peter A. McKinnon, Instructor in Humanities, at a salary of \$5400 per year on a 10-month basis effective September 1, 1964.
41. Alfred Lenneth Britt, Instructor in Pathology, at a salary of \$10,000 per year on a 12-month basis effective July 1, 1964.
42. Nina Bremer, Specialist, Audiovisual Center, at a salary of \$6500 per year on a 12-month basis effective July 1, 1964.
43. Leonard E. Cluley, Librarian, Library, at a salary of \$5600 per year on a 12-month basis effective July 1, 1964.
44. Robert G. Grove, Librarian, Library, at a salary of \$5600 per year on a 12-month basis effective September 1, 1964.
45. John Letiche, Adviser, Nigeria Program, at a salary of \$20,380 per year on a 12-month basis effective June 21, 1964 to July 6, 1964.
46. Edward Phelps Speare, Associate Professor of Fisheries and Wildlife and Zoology, at a salary of \$1800 for the period June 30, 1964 to August 12, 1964.
47. Jane Kelly Shearer, Associate Professor of Textiles, Clothing and Related Arts at a salary of \$1400 for the period June 22, 1964 to July 29, 1964.
48. Joseph C. Ferrar, Instructor in Mathematics, at a salary of \$2200 for the period June 22, 1964 to September 4, 1964.
49. Thomas Hartsig, Instructor in Mathematics, at a salary of \$1410 for the period June 22, 1964 to July 29, 1964.

Transfers

1. William J. MacLean, from Extension Director Oceana County to Horticulture Agent Western Michigan, at a salary of \$8700 per year on a 12-month basis effective May 1, 1964.

Salary changes
for -
Russell MawbySalary Changes

1. Increase in salary for Russell G. Mawby, Assistant Director Extension Service, to \$16,200 per year on a 12-month basis effective April 1, 1964.
2. Change in salary for Abba P. Lerner, Professor of Economics, from \$21,500 per year on a 10-month basis to \$17,200 per year on a 10-month basis effective April 1, 1964 to July 31, 1964. Professor Lerner is being changed from full time to 80% time for spring term 1964.
3. Change Peter Eckel to Manager AP-V Fee Halls at a salary of \$7600 per year effective April 1, 1964.

Abba Lerner

Peter Eckel
changed to
Mgr AP-V Fee
Halls

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

NEW BUSINESS, continuedMiscellaneous

Promotions

1. The following promotions are recommended to be effective July 1, 1964:

TO PROFESSORAgriculture

Carl R. Hoglund
 Robert L. Maddex
 Maurice W. Adams
 Jonathan W. Wright
 Clarence E. Lewis
 Robert K. Ringer

Agricultural Economics
 Agricultural Engineering
 Crop Science
 Forestry
 Horticulture
 Poultry Science

Arts and Letters

James McConnell
 Katherine Winckler
 Clyde E. Henson
 Nikolai P. Poltoratzky
 Stuart W. Bruchey
 Henry Harris
 Hans Nathan

Art
 Art
 English
 Foreign Languages
 History
 Music
 Music

Business

Stuart B. Mead
 John L. O'Donnell

 Arthur E. Warner

 Claude McMillan

Accounting and Financial Administration
 Accounting and Financial Administration, and
 Bureau of Business and Economic Research
 Business Law, Insurance, and Office Administration
 and Graduate School of Business Administration
 Management and Continuing Education

Communication Arts

David C. Ralph

Speech

Education

Richard L. Featherstone
 Julian W. Smith
 William K. Durr
 James W. Costar
 William W. Heusner
 Gale E. Mikles
 Ted W. Ward
 Raymond Clark

Education & Administration and Higher Education
 Administration and Higher Education
 Elementary Education
 Guidance and Personnel Services
 Health, Physical Education and Recreation
 Health, Physical Education, and Recreation
 Learning Systems Institute
 Secondary Education and Curriculum

Natural Science

Barnett Rosenberg
 Axel L. Andersen
 James L. Dye
 Roland L. Fischer
 E. C. Martin
 Maynard M. Miller
 John G. Hocking
 John A. King

Biophysics
 Botany and Plant Pathology
 Chemistry
 Entomology
 Entomology
 Geology
 Mathematics
 Zoology

Social Science

John P. Henderson
 Herbert Garfinkel
 Frank A. Pinner
 Abram M. Barch
 Charles Hanley
 Stanley C. Ratner
 John Gullahorn
 Charles C. Hughes
 Donald W. Olmsted
 Sanford S. Farness

Economics
 Political Science
 Political Science and Social Science Res. Bureau
 Psychology
 Psychology
 Psychology
 Sociology and Anthropology
 Sociology and Anthropology and African Studies Ctr
 Sociology and Anthropology
 Urban Planning and Landscape Architecture

University College

Bernard F. Engel
 Ralph Renwick
 Petr B. Fischer
 Karl F. Thompson
 James M. Elliott
 Marvin D. Solomon

American Thought and Language
 American Thought and Language
 Humanities and Religion
 Humanities
 Natural Science
 Natural Science and Center for International
 Studies in Education

Promotions

NEW BUSINESS, continuedMiscellaneous, continued

1. Promotions, continued:

TO PROFESSOR

Dennis W. Strawbridge
 Albert A. Blum
 William T. Ross

Natural Science
 Social Science and Labor and Industrial Relations
 Social Science and International Programs

Veterinary Medicine

Ben R. Burmester
 Delbert Schoenhard
 John E. Nellor

Microbiology and Public Health
 Microbiology and Public Health
 Physiology and Animal Husbandry

Dean of Students

Gwendolyn Norrell

Counseling Center

TO ASSOCIATE PROFESSORAgriculture

Myron P. Kelsey
 Alfred A. Schmid
 Harold D. Hafs
 Pericles Markakis
 Alvin L. Rippen
 Otto Suchsland
 David R. Dilley

Agricultural Economics
 Agricultural Economics
 Dairy
 Food Science
 Food Science
 Forest Products
 Horticulture

Arts and Letters

Owen D. Brainard
 Irwin Whitaker
 Bernard J. Paris
 D. Gordon Rohman
 William Whallon
 Ella N. Cowles
 R. Marvin Cain
 James R. Hooker
 Paul M. Hurrell

Art
 Art
 English
 English
 English
 Foreign Languages
 History and Museum
 History and African Studies Center
 Philosophy

Business

Orvis F. Collins
 Reed Moyer

Management
 Marketing and Transportation Administration

Communication Arts

Kenward L. Atkin
 Erwin P. Bettinghaus
 Elsie M. Edwards

Advertising
 Communication
 Speech and Continuing Education

Education

Frank H. Blackington III
 C. Blair MacLean
 William H. Kennedy

Foundations of Education
 Secondary Education and Curriculum
 Teacher Education

Engineering

Donald K. Anderson
 Shosei Serata
 Martin G. Keeney
 Glen W. Halik

Chemical Engineering
 Civil Engineering and Engineering Research
 Electrical Engineering and Computer Laboratory
 Instructional Services

Natural Science

William H. Reusch
 Douglas W. Hall
 Martin Fox

Chemistry
 Mathematics
 Statistics

Social Science

Subbiah Kannappan
 John Donoghue

Richard D. Duke

Economics
 Sociology and Anthropology and Institute for
 Community Development
 Urban Planning and Landscape Architecture and
 Institute for Community Development

University College

Richard J. Coelho

American Thought and Language

NEW BUSINESS, continued

Miscellaneous, continued

Promotions

1. Promotions, continued:

TO ASSOCIATE PROFESSOR

University College

Robert Morsberger	American Thought and Language
Jerry J. West	American Thought and Language
Norman Penlington	Humanities
Lincoln C. Pettit	Natural Science
Richard J. Seltin	Natural Science
Wilbert E. Wade	Natural Science and Botany and Plant Pathology

Veterinary Medicine

David T. Clark	Microbiology and Public Health
Donald W. Schmidt	Pathology
Glenn L. Wazler	Pathology
James R. Stiefel	Physiology
David Ellis	Surgery and Medicine

Continuing Education

Milton John Hagelberg	University Extension
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University Services

Edward P. McCoy	Audiovisual Center and Communication Arts
Eugene DeBeno	Library

Special Projects

Horace C. King	Registrar
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Dean of Students

Norman Abeles	Counseling Center and Psychology
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TO ASSISTANT PROFESSOR

Arts and Letters

Mary E. Devine	English
James L. Hill	English

Natural Science

Dorothy Bollman	Mathematics
Julian R. Brandou	Science and Mathematics Teaching Center

University College

Nelson P. Edmondson	Humanities
David E. Kidd	Natural Science

Veterinary Medicine

Virginia H. Mallmann	Microbiology and Public Health
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Continuing Education

Gordon T. Coats	Cap and Gown Series
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On motion by Mr. Bagwell, seconded by Mr. Merriman, it was voted to approve the foregoing promotions to be effective July 1, 1964.

2. Change in the effective date of the appointment of Robert Dale Stevens as Associate Professor of Agricultural Economics from May 1 to June 1, 1964.
3. Change John E. Dietrich from Professor and Chairman of Speech to Professor, Assistant Provost, and Director of the Educational Development Program at the same salary of \$20,000 per year on a 12-month basis, effective April 16, 1964, paid from account 11-2081

Ch. effective date appt.
Robert Dale Stevens
J.E. Dietrich
ch to Prof.,
Asst.Provost
dir educ Dev.
program

On motion by Mr. Nisbet, seconded by Mr. Harlan, it was voted to approve Item 3.

4. Designation of Herbert J. Oyer, Professor of Speech, as Chairman of the Speech Department with an increase in salary from \$16,000 to \$18,500 per year on a 12-month basis, effective April 16, 1964.

H. J. Oyer
Head Speech
Department

Miscellaneous, continued

- Ch salary source John Barson
5. Change in salary source for John Barson, Associate Professor of Administration and Higher Education and Audiovisual Center, to 75% from 71-2258 and 25% from 21-1554, effective March 1, 1964.
- A.J. Smith changed to Prof. Met. Mech and MS
6. Change in status of Austen J. Smith from Professor and Chairman of Metallurgy, Mechanics, and Materials Science at a salary of \$17,800 per year on a 12-month basis to Professor of Metallurgy, Mechanics, and Materials Science at a salary of \$14,250 per year on a 10-month basis, effective September 1, 1964.
- Ch. status Martha Dale
7. Change in status of Martha E. Dale, Assistant Professor of Home Management and Child Development, from half time at a salary of \$5,500 per year to four-fifths time at a salary of \$8,800 per year, effective from April 1 to June 30, 1964. Dr. Dale is employed on a temporary basis, and her salary is to revert to \$5,500 per year from July 1 to August 31, 1964.
- Ch effective date appt. Andrew Hunt
8. Change in the effective date of the appointment of Andrew D. Hunt, Jr., as Dean and Professor of the College of Human Medicine from July 1 to June 1, 1964.
- Ch. salary srce Walter Bennenson
9. Change in salary source for Walter Benenson, Assistant Professor of Physics and Astronomy, to \$518.75 per month from 11-3691 and \$172.91 per month from 71-1765, effective from December 16, 1963, to June 30, 1964.
- S. Kannappan assigned to Econ and LIRC
10. Assignment of Subbiah Kannappan, Assistant Professor, to Economics and Labor and Industrial Relations with his salary paid 70% from 11-3881 and 30% from 11-3941, effective from September 1, 1964, to August 31, 1965.
- Sab. Lve Guy Fox cancelled
11. Cancellation at his request of sabbatical leave with half pay for Guy H. Fox, Professor of Political Science, from September 1, 1964, to August 31, 1965.
- Ch salary source Baljit Singh
12. Change in salary source for Baljit Singh, Assistant Professor of Political Science, to 100% from 11-3891, effective from April 1 to June 30, 1964.
- N.D. Glick Acting Dir. School UP and LA
13. Designation of D. Newton Glick, Professor, as Acting Director of the School of Urban Planning and Landscape Architecture, effective from April 1 to September 30, 1964.
- R.G. Wheeler assigned to Colombia Proj
14. Reassignment of Richard G. Wheeler, Associate Professor of Agricultural Economics, to the Colombia Project, effective from April 15, 1964, to April 14, 1965, paid from 71-1954.
- Ch ef dates appt TW Schultz as Adviser to Ec Dev Int.
15. Change in the effective dates of the appointment of T. W. Schultz as Adviser to the Economic Development Institute in the Nigeria Program from March 9-20 to March 6-21, 1964.
- Report death Julia F. Tear
- On motion by Mr. Harlan, seconded by Dr. Smith, it was voted to approve Items 1 through 15 except Item 3 on which action already appears.
16. Report of the death of Julia Frances Tear on April 3, 1964. Miss Tear was born on July 9, 1887, was employed by the University on September 1, 1923, and was Associate Professor of Textiles, Clothing, and Related Arts at the time of her retirement on January 1, 1950.
- Report death Wm.R.Williams
17. Report of the death of William R. Williams, Head Clerk in the Union, of a heart attack on March 21, 1964. Mr. Williams was born on November 21, 1914, and had been an employee of the University since February 19, 1962.
- Report death Chas Walker
18. Report of the death of Charles A. Walker on December 31, 1963. Mr. Walker was born on June 22, 1882, was employed in Animal Husbandry on May 1, 1921, and was retired on July 1, 1947.
- Approval recommendations Dir. Personnel
19. Recommendations from the Director of Personnel, as follows:
- a. Establish a Technical Writer AP-IV position in Agricultural Engineering paid from 71-7102
 - b. Establish an Administrative Secretary AP-I position in the College of Human Medicine
 - c. In the Science and Mathematics Teaching Center:
 - 1) Reclassify a Clerk-Stenographer III to a Senior Clerk-Stenographer V position, paid from 71-2724
 - 2) Transfer a position from the labor payroll to a Senior Clerk IV position
 - d. Establish a Senior Technician VII position in Microbiology and Public Health, paid from 71-2218.
 - e. Reclassify a Clerk-Stenographer III to a Departmental Secretary V position in Closed Circuit Television.
 - f. Establish a Mechanical Engineering AP-VII position in Physical Plant, paid from 21-3204
 - g. Reinstatement of 4 Senior Clerk IV positions in Admissions and Scholarships.
 - h. Reclassify 2 Head Nurse VII to Nurse, Supervisor VIII positions in the Health Service
- On motion by Mr. Stevens, seconded by Mr. Pingel, it was voted to approve Item 19.
20. More than a year ago the Trustees informally approved tentative negotiations looking forward to a possible Michigan State University involvement in a project being developed in Argentina by the Agency for International Development to amalgamate a research and extension station with a college of agriculture into a land-grant type institution. Involved are the Instituto Nacional de Tecnologia Agropecuaria (INTA--an Argentine government agency in charge of research and extension for the whole country) and the

NEW BUSINESS, continued

Miscellaneous, continued

20. Negotiations re: project in Argentina, continued:

College of Agriculture of the University of Mar del Plata. The site of the project is some 40 kilometers inland from the City of Mar del Plata which is located on the coast in the southeast of Buenos Aires Province.

Michigan State University has been asked to provide assistance in developing a project under a contract for a 2-year period with the understanding that a minimum of 6 years will be required for a reasonable development to take place. It is now recommended that the Board authorize our proceeding to a formal contract involving AID, INTA, the University of Mar del Plata, and Michigan State University.

21. On April 1 the following bids were received for construction of the Packaging Laboratory:

<u>General Construction</u>	
The Christman Company	\$286,440
Granger Construction Company	289,000
Erickson & Lindstrom Construction Co.	293,444
Clark Construction Company, Inc.	304,000
Miller-David Company	308,000

<u>Mechanical Work</u>	
Lorne Company, Inc.	\$133,560
John E. Green Plumbing & Heating Co., Inc.	140,250
Shaw-Winkler, Inc.	143,460
Spitzley Corporation	146,440
Dard, Inc.	146,960
Phoenix Sprinkler & Heating Company	151,000
The Robert Carter Corporation	151,000
Eames & Brown, Inc.	157,600

<u>Electrical Work</u>	
Lansing Electric Motors	\$ 64,706
Central Electric Motor & Construction Co.	68,573
Quality Electric	69,790
Don Fox Electric	69,865
Hall Electric Co.	71,700
Hatzel & Buehler, Inc.	71,791
Barker-Fowler Electric Company	77,639

Since the bids exceeded the funds available from the Packaging Foundation, it was necessary to make some major changes in the contract specifications. Working with the low bidders in each instance the architect has made revisions to reduce the cost as follows:

Christman Company	\$286,440	
Less Precontract Bulletins	<u>44,288</u>	\$242,152
Lorne Plumbing & Heating	\$133,560	
Less Precontract Bulletins	<u>11,074</u>	\$122,486
Lansing Electric Motors	\$ 64,706	
Less Precontract Bulletins	<u>10,492</u>	\$ 54,214

It is recommended that the Board approve awarding contracts in the following amounts:

Christman Company	\$242,152
Lorne Plumbing & Heating	122,486
Lansing Electric Motors	54,214

If the Board approves the awarding of contracts, the budget for this project will be:

Construction	\$418,852
Architect	21,000
Utilities	3,200
Site	5,000
Furnishings	5,500
Contingencies	<u>6,448</u>
	\$460,000

The Packaging Foundation had previously agreed to raise up to \$400,000 for this project. With the higher-than-anticipated cost, it was necessary to ask the Board of Directors to increase its commitment for this project.

The Board of Directors of the Packaging Foundation met on April 10 and authorized an increased commitment for this project to the \$460,000 to meet this budget.

22. On March 25 the following bids were received for the Bogue Street Parking revisions near the dormitories:

Crandell Trenching Service	\$ 29,307.00
Kegle Construction Company	29,795.55
T. A. Forsberg, Inc	31,873.36
Kenneth Roberts	32,970.08

NEW BUSINESS, continuedMiscellaneous, continued

Bogue Street parking revisions contract let to Crandell

22. Bogue Street Parking revisions near dormitories, continued:

It is recommended that the Board approve a contract with the Crandell Trenching Service, the low bidder, at a cost of \$29,307 to be charged to Account 41-4333.

Kegle awarded contract for site work Chem and Biochem bldgs

23. On March 24 the following bids were received for site work at the Chemistry and Biochemistry building projects:

	<u>Base Bid</u>	<u>Alt. No. 1</u>	<u>Alt. No. 2</u>
Kegle Construction Co.	\$ 47,260.25	\$ 900	\$1,400
Crandell Trenching Service	48,148.00	850	450
T. A. Forsberg, Inc.	52,697.38	1000	1,400
Kenneth Roberts	55,533.66	2731	1,579

It is recommended that a contract be awarded to the Kegle Construction Co. for the amount of the base bid and Alternate No. 2, for a total price of \$45,860.25.

On motion by Mr. Stevens, seconded by Mr. Merriman, it was voted to approve Item 23.

On motion by Mr. Merriman, seconded by Dr. Smith, it was voted to approve items 20, 21 and 22.

Gifts and Grants

Gifts and Grants

1. Gift of a Model 260 Simpson Electric Company Volt-Ohm-Mulliammeter valued at \$51 from Howard C. Blake of East Lansing to be used in the School of Packaging laboratories.
2. Gift of a black and white etching by Albrecht Durer, entitled "Nemesis", or also known as "The Great Fortune", circa 1501-02, valued at \$801 from Jack Wolfram of Lansing. This gift is made to the MSU Development Fund for the Kresge Art Center.
3. Grants as follows to the MSU Development Fund for transfer to student loan funds:
 - a. \$25 from Mr. and Mrs. William Herbert Edwards of Milford for the General Student Loan Fund
 - b. \$40 from employees of Frisch's Restaurants, Inc., of Cincinnati, Ohio, for the Gertrude David Memorial Student Loan Fund
 - c. \$200 from the Snyder Hall Club of Michigan State University for a student loan fund to be known as the Snyder Hall Scholarship Loan Fund.
4. Grants as follows to be used for scholarship purposes:
 - a. \$1,000 from the International Minerals and Chemical Corporation of Skokie, Illinois, to support a Louis Ware Scholarship for a Senior student in Agriculture.
 - b. \$200 from the Opti'Mrs. Club of Lansing to be used for a Nursing Scholarship under the direction of Florence Kempf.
 - c. \$200 from the Woman's Board of Managers of Sparrow Hospital for Nursing Scholarships.
 - d. To continue previously established scholarships:
 - 1) \$218.50 from Tom A. Johnson of East Lansing
 - 2) \$250 from the National Association of Hotel and Restaurant Meat Purveyors of Denver, Colorado, for the Arthur Davis Memorial Scholarship
 - 3) \$25 from Stanley Idzerda for the Honors College Scholarship Fund
 - 4) For the MSU Faculty Scholarship Fund:
 - \$165 from Leroy Augenstein
 - \$ 15 from R. J. Jursa
 - \$ 50 from G. A. Sabine
 - \$ 65 from L. W. Witt
 - e. For specified students:
 - \$1,000 from Baseball--Office of the Commissioner of New York City
 - \$125 from the Italian-American Veterans Memorial Scholarship of Southbridge, Mass.
 - \$100 from the Macomb MSU Alumni Club of Mt. Clemens
 - \$108 from the Michigan State Women's Club of Kent County
 - \$150 from the Edward H. Moeller Scholarship Fund of Buffalo, New York
 - \$370 from the Paul Pigott Scholarship Foundation of Benton, Washington
 - \$108 from the Riverview Pirates Boosters Club of Wyandotte
 - \$500 from Tiscornia Foundation, Inc., of St. Joseph
5. Grant of \$50,000 from the Area Redevelopment Administration of the United States Department of Commerce of Washington, D.C., to be used under the direction of Uel Blank in Cooperative Extension for a pilot study-development demonstration of the objective of tourism-recreation industry of the Upper Peninsula.
6. Approval of a memorandum of agreement with The American Oil Company of Chicago covering a grant of \$3,590 to be used under the direction of C. M. Hansen in Agricultural Engineering on research to determine the effectiveness of asphalt barriers in the soil as a means of soil moisture retention.
7. Grant of \$4,000 from the American Angus Association of St. Joseph, Missouri, to be used under the direction of Robert Merkel in Animal Husbandry for an evaluation of quantitative differences in beef carcasses by objective procedures.

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

8. Grants as follows to be used under the direction of R. G. Mawby in 4-H Clubs:
 - a. \$1,000 from the Farmers and Manufacturers Sugar Beet Association of Saginaw to conduct the annual sugar beet tour for 4-H and FFA to Detroit and vicinity
 - b. \$9,000 from the 4-H Foundation of Michigan, Inc., of East Lansing to be used \$3,500 for the 1964 Leadermete, \$4,000 for the IFYE Program, and \$1,500 for Leader Training Workshops
 - c. \$4,000 from the Michigan Bell Telephone Company of Detroit to conduct the 1964 Conservation Camp at Chatham.
 - d. \$495.65 from the Michigan Milk Producers Association of Detroit to send four delegates and their chaperons to the annual Dairy Conference in Chicago.
 - e. \$165 from the National 4-H Service Committee, Inc., of Chicago to pay the expenses of a leader and delegates to the Grain Marketing Clinic and Tour in Chicago.
 - f. To help defray expenses of IFYE delegates:
 - \$500 from Ingham County 4-H Clubs
 - \$500 from Macomb County 4-H Clubs
 - \$500 from Otsego-Montmorency County 4-H Clubs
 - \$500 from Tuscola County 4-H Clubs
9. Grant of \$2,000 from the Armour Pharmaceutical Company of Kankakee, Illinois, to be used under the direction of E. R. Miller in Animal Husbandry to study factors related to baby pig anemia and administration of parenteral and oral iron, and to study the absorption, transportation, and metabolism of iron in the pig.
10. Grant of \$14,600 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of C. H. Suelter in Biochemistry for research on enzyme catalysis-oxalacetate transacetase.
11. Grant of \$1,500 from the Northern Ohio Sugar Company of Denver, Colorado, to be used under the direction of W. F. Meggitt in Crop Science for cooperative research on evaluation of the effect of weed competition and means of control.
12. Renewal of a memorandum of agreement with the Cooperative Grange League Federation Exchange, Inc., of Ithaca, New York, covering a grant of \$2,500 to be used under the direction of L. D. Brown in Dairy to determine the feasibility of utilizing high levels of corn silage with little or no hay for lactating dairy cows when grain is fed at two levels.
13. Grant of \$24,709 from the Atomic Energy Commission of Washington to be used under the direction of R. C. Ball in Fisheries and Wildlife to continue a limnological study of a stream.
14. Grant of \$11,500 from the Michigan Department of Economic Expansion to be used under the direction of H. A. Huber and E. A. Behr in Forest Products for development of a new Michigan pole industry.
15. \$3,000 from the Kellogg Company of Battle Creek for research in the multi-sponsor research program on the control of damage in shipment project to be used under the direction of J. W. Goff in the School of Packaging.
16. \$6,500 from the Michigan Department of Economic Expansion for a study of the potential demand for in-plant package manufacturing machinery, to be used under the direction of J. W. Goff in the School of Packaging.
17. Approval of a memorandum of agreement with the Thompson-Hayward Chemical Company of Kansas City, Kansas, covering a grant of \$1,000 to be used under the direction of Harold Davidson in Horticulture to study the effect of dichlobenil as a herbicide for container-grown plants.
18. Renewal of a memorandum of agreement with Tectrol Division of Whirlpool Corporation of St. Joseph covering a grant of \$2,000 to be used under the direction of D. H. Dewey in Horticulture for research on the effect of environmental conditions on storage of apples.
19. Grant of \$500 from Berthold-Grigsby, Inc., of Cleveland, Ohio, to be used under the direction of P. R. Krone in Horticulture as a memorial fund for research in floriculture marketing.
20. Approval of a memorandum of agreement with the Michigan State Horticultural Society of East Lansing covering a grant of \$2,000 to be used under the direction of A. E. Mitchell in Horticulture for a half-time stenographer to assist with responsibilities associated with educational programs.
21. Renewal of a memorandum of agreement with the Geigy Chemical Corporation of Ardsley, New York, covering a grant of \$3,500 to be used under the direction of S. K. Ries in Horticulture to study the effect of simazine on nitrogen metabolism of plants.
22. Grant of \$3,000 from the American Zinc, Lead and Smelting Company of St. Louis, Missouri, to be used under the direction of B. G. Ellis, L. S. Robertson, J. F. Davis, E. C. Doll, and R. L. Cook in Soil Science to determine the role of zinc in the growth of farm crops on Michigan soils.
23. Grant of \$2,500 from Farmers and Manufacturers Beet Sugar Association of Saginaw to be used under the direction of R. L. Cook and J. F. Davis in Soil Science to conduct research in spring mechanization as it pertains to soil problems in sugar beet production.

NEW BUSINESS, continuedGifts and Grants, continued

- Gifts and Grants
24. Grants as follows to be used under the direction of James Niblock in Music to help defray expenses of the Tri-State Orchestral Composers Symposium being held on the campus from April 20-22:
- \$150 from the Ohio Federation of Music Clubs of Athens, Ohio
 - \$150 from the Indiana Federation of Music Clubs of Indianapolis, Indiana
 - \$150 from the Michigan Federation of Music Clubs of Birmingham
 - \$500 from ASCAP of New York City
 - \$500 from Broadcast Music, Inc. of New York City
25. Grants as follows to be used under the direction of H. O. Barbour in Hotel, Restaurant, and Institutional Management:
- a. \$4,000 from the Kellogg Sales Company of Battle Creek to cover expenses of the Epicurean Seminar. If there is a balance, it is to be deposited to the B. R. Proulx Library Fund.
 - b. Up to \$1,000 from the Club Managers Association of America of Washington, D.C., to compile a complete set of job descriptions for city and country clubs.
26. Grant of \$24,120 from the Michigan Department of Economic Expansion of Lansing to be used under the direction of John Hazard in Marketing and Transportation for a trade development policy for Michigan.
27. Grant of \$11,500 from the Inter-American Schools Service of the American Council on Education of Washington to be used under the direction of C. J. Patterson in Education for consulting services to the Association of American Schools and Republic of Mexico.
28. Grants as follows to be used under the direction of Thomas Danbury in the Communications Research Center:
- a. \$250 from the University of Illinois Cooperative Extension Service of Urbana to support a study evaluating attitudes toward the Illinois Cooperative Extension Service.
 - b. \$350 from Lindsay-Schaub Newspapers of Decatur, Illinois, for the tabulation and reports for Inland Community Attitude Survey for the Decatur Herald and Review.
 - c. \$350 from Lindsay-Schaub Newspapers for the analysis of research data.
29. Grant of \$300 from the Highland Park Public Schools of Highland Park, Michigan, to be used under the direction of John Suehr in Administration and Higher Education for a School survey.
30. Renewal of a memorandum of agreement with The Upjohn Company of Kalamazoo covering a grant of \$6,910 to be used under the direction of D. K. Anderson in Engineering Research to study solute dispersion in chromatographic columns having as its ultimate objective the development of a reliable scale-up procedure for liquid-solid columns.
31. Grant of \$61,800 from the National Science Foundation of Washington to be used under the direction of Shosei Serata in Engineering Research to formulate the principles of stress fields existing in underground formations, and to develop theories for determining the actual stress field in situ by investigating the triaxial properties of rocks in underground formations.
32. Grant of \$500 from General Motors Corporation of Flint to be used under the direction of C. R. St. Clair, Jr., in Mechanical Engineering to further the research activity of a graduate student.
33. Grant of \$7,590 from the National Institutes of Health to be used under the direction of Dorothy Arata in Foods and Nutrition for research on the biochemical effects of a threonine imbalance.
34. Grant of \$24,042 from the Agricultural Research Service of the United States Department of Agriculture of Washington to be used under the direction of Olaf Michelsen in Foods and Nutrition for a metabolic study to determine the nutritional value of wheat protein in wheat flour products for adult man.
35. Grant of \$10,120 from the Michigan Department of Economic Expansion of Lansing to be used under the direction of Barnett Rosenberg in Biophysics for a new color sensing device.
36. Grant of \$900 from the Michigan Bean Shippers Association of Saginaw to be used under the direction of A. L. Anderson in Botany and Plant Pathology to support a portion of the salary of a technician in the disease control program on navy beans.
37. Grants as follows to be used under the direction of D. J. deZeeuw in Botany and Plant Pathology:
- a. \$300 from E. I. duPont deNemours, Inc., of Wilmington, Delaware, for a graduate research assistant to study techniques of disease control in seeds.
 - b. To aid in support of a graduate research assistantship in seed treatment and soil treatment fungicides:
 - 1) \$100 from Diamond Alkali Company of Cleveland, Ohio
 - 2) \$200 from Hooker Chemical Corporation of Niagara Falls, New York
 - 3) \$250 from Naugatuck Chemical of Naugatuck, Connecticut

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

38. Grant of \$8,000 from the National Institutes of Health to be used under the direction of C.J. Pollard in Botany and Plant Pathology to study the development of Chloroplasts.
39. Grant of \$880 from the Tennessee Corporation of College Park, Georgia, to be used under the direction of H. S. Potter in Botany and Plant Pathology for field trials on tomato, potato, cucurbits, celery, onion, carrot, and squash, for control of foliar and other disease problems, by use of new chemical compounds.
40. Grant of \$2,400 from Chemagro of Kansas City, Missouri, to be used under the direction of G. E. Guyer and Roger Hoopingarner in Entomology to evaluate environmental factors affecting mosquito control.
41. Grant of \$1,500 from the Stauffer Chemical Company of Mountain View, California, to be used under the direction of Angus Howitt and G. E. Guyer in Entomology for soil maggot and root worm studies and the evaluation of various insecticides for use in fruit insect control.
42. Grants as follows to be used under the direction of Angus Howitt in Entomology:
 - a. \$3,500 from the American Oil Company of Chicago to evaluate various insecticides on fruits.
 - b. \$1,500 from the Shell Oil Company of Chicago to test two oils as dormant spray oils in the control of mites and scale on apple trees.
 - c. \$2,300 from The Upjohn Company of Kalamazoo to evaluate Banol.
 - d. \$5,000 from Whirlpool Corporation of St. Joseph for research on the effect of environmental conditions on the life cycle of insects.
43. Grant of \$240.67 from the Dow Chemical Company of Midland to be used under the direction of W. J. Hinze in Geology to investigate the applicability of the gravity method to the mapping of bedrock valleys in the Midland area.
44. Grant of \$21,895 from the National Science Foundation to be used under the direction of M. M. Miller in Geology for the Summer Institute of Glaciological Sciences, Juneau Icefield, Alaska.
45. Grant of \$9,779 from the National Science Foundation to be used in Mathematics for the senior foreign scientist fellowship.
46. Grant of \$15,500 and a grant of \$5,235 from the National Science Foundation, Michigan Academy of Science, Arts, and Letters of Washington to be used under the direction of T. Wayne Taylor in the Science and Mathematics Teaching Center to improve science and mathematics education in Michigan.
47. Grants as follows to be used under the direction of Dean W. W. Armistead in Veterinary Medicine:
 - a. \$35 from Mrs. Helen R. Sholl for an award for an outstanding clinical pathology student in memory of Dr. L. B. Sholl
 - b. \$28.25 from the Michigan Veterinary Medical Association of Grand Rapids to purchase books for the Veterinary Library in memory of Doctors Lanfesty and Stroup.
 - c. \$1,500 from The Quaker Oats Company of Chicago to underwrite the cost of the Honors Convocation Banquet for the College of Veterinary Medicine.
48. Grant of \$2,340 from Eli Lilly and Company of Indianapolis, Indiana, to be used under the direction of D. T. Clark in Microbiology and Public Health to study cellular immunity in chickens in response to Eimeria tenella infections.
49. Grant of \$5,000 from The Upjohn Company of Kalamazoo to be used under the direction of R. F. Langham in Pathology to promote the training of capable young veterinarians in the specialty of veterinary pathology.
50. Grants as follows to the MSU Development Fund to be transferred to Surgery and Medicine and used to purchase special research equipment for the Small Animal Clinic under the direction of Dr. R. G. Schirmer:
 - a. \$100 from Mrs. LornaBelle Pierce of Detroit
 - b. \$100 from Wyandotte Chemicals Corporation of Wyandotte
51. Grant of \$192,000 from the National Aeronautics and Space Administration of Washington to be used under the direction of M. E. Muelder in the School for Advanced Graduate Studies to support the training of 10 predoctoral graduate students in space-related sciences and technology during a 3-year period beginning September 1, 1964.
52. Grant of \$68,852 from the National Science Foundation of Washington to be used under the direction of M. E. Muelder in the School of Advanced Graduate Studies to support 14 graduate traineeships in Engineering: 2 in Agricultural Engineering, 4 in Civil Engineering, 3 in Electrical Engineering, 2 in Mechanical Engineering, and 3 in a field of engineering to be determined by the University.
53. Grant of \$115 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.

NEW BUSINESS, continuedGifts and Grants, continued

- Gifts and Grants
54. Grants as follows to be used under the direction of A. L. Hunter in Continuing Education:
- For the High School Engineering Institute:
 - \$600 from The Detroit Edison Company of Detroit
 - \$250 from The Bendix Corporation of Detroit
 - \$900 from The Farm Foundation of Chicago for the Town and Country Church Leadership School
 - \$50 from the United Church Women of Flint for the Adventure in World Understanding Program
55. Grant of 6 shares of Potomac Electric Power Company common stock valued at \$120 from Richard D. Hodgkins of Keene, New Hampshire. The proceeds of the stock sale are to be credited to the MSU Development Fund as Mr. Hodgkins gift to the Class of 1914 project for 1964.
56. Gift of \$203,730.90 from alumni and friends during 1963 to the MSU Development Fund. Besides this amount, the Board has previously accepted \$74,245.22 making the total for the year \$277,976.12. The gift of \$203,730.90 is to be deposited in the following account of the Fund:
- | | |
|--|--------------|
| Account 31-1175, MSU Development Fund (unrestricted) | \$188,361.98 |
| Account 31-3410, MSU Associates | 3,496.00 |
| Account 31-1190, MSU Development Fund (restricted) | 11,872.92 |

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

Reports for Board Members

- Alterations and Improvements app.
1. The following alterations and improvements have been approved since the last meeting of the Trustees and charged to the accounts indicated:

From Alterations and Improvements Account 11-5173

- | | |
|--|---------|
| a. Install electronic filter in Agriculture Hall to improve ventilation and to eliminate difficulty with fly ash from power plant in photographic laboratory | \$1,500 |
| b. Install full-length shade screens for new rooms on the south side, second floor of the Horticulture Building | 489 |
| c. Construct glass doors with locks for the book shelf area to house reference books for Journalism Department in Journalism Building | 300 |
| d. Install signal system in Student Services Building for use of Counseling Center | 210 |
| e. Alterations to Room 117, Olin Memorial Health Center, to provide security for medical records in Dr. Feurig's office | 200 |
| f. Install Venetian blinds on 5 windows in Eustace Hall for Department of Philosophy | 50 |

From College of Natural Science 11-3683; and Botany and Plant Pathology Experiment Station 71-2574

- | | | | |
|---|--------------|-------|---------|
| a. Recap with concrete the floor of Room 102 of University Herbarium Building, refinish hall and repair stair treads: | | | |
| | from 11-3683 | \$550 | |
| | from 71-2574 | 300 | |
| | | | 850 |
| | | Total | \$3,599 |

2. Additional payments to salaried employees since the Trustees' meeting in March as per list on file.

Oakland Univ. OAKLAND UNIVERSITYResignations Resignations and Terminations

- Herman W. Lewis, Associate Professor of Biology, April 30, 1964 to accept a position with the National Science Foundation.
- Nat Simons, Jr. Assistant Professor of Economics, August 14, 1964. He is not being recommended for reappointment.
- James L. Cooper, Instructor in History, August 14, 1964 to accept a position at DePauw University.
- Theodore L. Becker, Assistant Professor of Political Science, August 14, 1964 to accept a position at the University of Hawaii.
- Norman Roseman, Assistant Professor of Teacher Education, August 14, 1964. He is not being reappointed.

Leaves

Leaves--Other

- Robert I. Facko, Instructor in Music, without pay from September 1, 1964 to August 31, 1965 to study for the doctorate at Columbia.

OAKLAND UNIVERSITY, continuedOakland Univ.
AppointmentsAppointments

1. Don Robert Iodice, Assistant Professor of Modern Foreign Languages, at a salary of \$9000 per year on a 10-month basis effective August 15, 1964.

Reinstatement
Wm. SchwabMiscellaneous

1. Reinstatement on the payroll of William Schwab, Associate Professor of English, effective April 1, 1964. Dr. Schwab has been on leave without pay since September 1, 1963.
2. Approval of Summer School payroll in the total amount of \$70,572 for regular staff members for the 1964 summer session.

Approval
summer school
payrollGifts and GrantsGifts and
Grants

1. Grants for scholarship purposes, as follows:
 - a. \$483 from America's Junior Miss Scholarship Foundation, Inc., of Mobile, Alabama, for account 32-3359.
 - b. \$300 from the Consumer Power Company of Pontiac for account 32-3227 for a freshman scholarship.
 - c. For scholarship account 32-3226:
 - 1) \$111 from the Community National Bank Advisory Committee of Bloomfield Hills
 - 2) \$50 from Mr. and Mrs. W. P. Burke of Rochester
 - 3) \$5 from Mrs. Robert DeRuntz
 - 4) \$25 from Stephen Miklos of Romeo
2. Grants as follows to be used under the direction of Chancellor Varner for the 1964 Meadow Brook Music Festival:
 - a. \$2,500 from Consumers Power Company of Pontiac
 - b. \$500 from the First Federal Savings & Loan Association of Oakland of Pontiac
 - c. \$5,000 from the United Auto Workers of Detroit
 - d. \$2,500 from The Wayne Oakland Bank of Royal Oak

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

The Board adjourned at 12:05 p.m. with the understanding that it would convene for a work session at dinner at the Kellogg Biological Station at Gull Lake at 6 p.m., Wednesday, May 20. The work session will begin on the evening of May 20, extend all day on May 21. The Board of Trustees' May meeting will convene at 10 a.m. on May 22 at Gull Lake.

John A. Hensley
President

Jack Curtis
Secretary