

MINUTES OF THE MEETING
of the
FINANCE COMMITTEE
April 18, 1968

The Finance Committee convened at Kellogg Center at 8 o'clock for breakfast.

The following members were present: Messrs. Hartman, Merriman, Nisbet, Smith, Stevens; President Hannah and Secretary Breslin.

Absent: Mr. Harlan, Mr. White, and Mr. Thompson.

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

Investment
recommendations

Forest Akers Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend selling:					
110 shs.	National Dairy	37	\$ 4,070	\$ 165	4.1%
Recommend purchasing:					
up to 55 shs.	General Foods	78	4,290	132	3.1%

Albert Case Fund

Recommend purchasing:					
up to 100 shs.	National Life & Accident (making 469)	33	3,300	26	.8%

Harry Conrad Fund

Recommend selling:					
60 shs.	National Dairy	37	2,220	90	4.1%
Recommend purchasing:					
up to 30 shs.	General Foods	78	2,340	72	3.1%

Consolidated Fund

Recommend selling:					
\$10,000	U.S. Treasury Bills due 10/31/68 (out of \$30,000)	98	9,800	530	5.3%
300 shs.	National Dairy	37	11,100	450	4.1%
Recommend purchasing:					
up to 320 shs.	General Foods	78	24,960	768	3.1%

John A. Hannah Professorship Fund

Recommend selling:					
\$60,000	U.S. Treasury Bills due 8/31/68 (out of \$205,000)	98	58,800	3,180	5.3%
Recommend purchasing:					
up to 400 shs.	General Foods	78	31,200	960	3.1%
850 shs.	Pacific Gas & Electric	34	28,100	1,190	4.1%

James & Lynelle Holden Fund

Recommend selling:					
\$10,000	U.S. Treasury Bills due 6/24/68 (out of \$25,000)	99	9,900	520	5.2%
Recommend purchasing:					
up to 125 shs.	General Foods	78	9,750	300	3.1%

Insurance Fund

Recommend selling:					
\$20,000	U.S. Treasury 5% notes due 11/15/70 (out of \$180,000)	99	19,800	1,000	5.1%
Recommend purchasing:					
up to 300 shs.	General Foods	78	23,400	720	3.1%

Investment
recommendations

1. Investment items, continued

Jenison Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend selling:					
\$10,000	U.S. Treasury Bills due 10/31/68 (out of \$25,000)	\$ 98	\$ 9,800	\$ 530	5.3%

Recommend purchasing:					
up to 350 shs.	National Life & Accident (making 910)	33	11,550	91	.8%

H. W. & E. A. Klare Fund

Recommend selling:					
\$25,000	U.S. Treasury Bills due 8/31/68 (out of \$100,000)	98	24,500	1,325	5.3%

Recommend purchasing:					
up to 330 shs.	General Foods	78	25,740	792	3.1%

LaVerne Noyes Fund

Recommend selling:					
16 shs.	National Dairy	37	592	24	4.1%

Recommend purchasing:					
up to 8 shs.	General Foods	78	624	19	3.1%

Drury Porter Fund

Recommend selling:					
74 shs.	National Dairy	37	2,738	111	4.1%

Recommend purchasing:					
up to 35 shs.	General Foods	78	2,730	84	3.1%

Retirement Fund

Recommend selling:					
\$110,000	U.S. Treasury Bills due 10/31/68	98	107,800	5,830	5.3%

Recommend purchasing:					
up to 2,700 shs.	General Foods	78	210,600	6,480	3.1%

A. G. Wilson Scholarship Fund

Recommend selling:					
50 shs.	National Dairy	37	1,850	75	4.1%

Recommend purchasing:					
up to 23 shs.	General Foods	78	1,794	55	3.1%

White Motor Co. Fund

Recommend selling:					
\$10 000	U.S. Treasury Bills due 11/30/68 (out of \$20,000)	98	9,800	530	5.3%

Recommend purchasing:					
up to 145 shs.	General Foods	78	11,310	348	3.1%

On motion by Mr. Nisbet, seconded by Dr. Smith, it was voted to approve the investment recommendations.

2. At its meeting on March 21 the Trustees accepted a gift of 20 shares of Pontiac State Bank stock valued at \$1,200 from Dr. Howard B. Barker for the Chancellor's Club of the Oakland University Foundation. It is recommended that the Trustees authorize the sale of the stock so that the gift may be used for the intended purpose.

On motion by Mr. Merriman, seconded by Mr. Stevens, it was voted to authorize the sale of the 20 shares of Pontiac State Bank stock.

Authorization
to sell 20
shares Pontiac
State Bank
stock

3. It is necessary that we begin to put together a 1968-69 budget. It is clear that the increased funds in sight from legislative appropriations and fees from increased enrollment will not meet what we have believed to be the minimal requirement. There will be no alternative but to include salary and wage increases of at least 6 percent (including fringes), since the legislative budget supposedly is making provisions for that purpose.

Plans for
1968-69
Budget

Continuing commitments the increased costs of supplies and materials, the requirement for an allocation sufficient to finance the second year of the other built-in costs leave us with a gap between income and desirable outgo of approximately \$1,300,000. The ground rules for preparing the new budget must permit maintaining the forward thrust of the University and encourage the improvement of quality, and include provisions for a new Center for Equal Opportunity.

It will be necessary to make substantial reductions in desirable expenditures and at the same time it will be necessary to produce substantial increased revenue.

The situation at Oakland University is even more difficult. If our present appraisal of what the Legislature is likely to do in additional operating appropriations is correct, we face the requirement of producing some \$350,000 in additional revenue there.

Provost Neville, Assistant Vice President Wilkinson, and Chancellor Varner made extensive presentations, and there was substantial discussion.

By consensus it was agreed that the Trustees authorize the officers of the University to prepare a tentative budget:

- a. For MSU for 1968-69 based on budgeted expenditures of approximately \$72,700,000, plus an additional amount to cover any new costs involved in the new Equal Opportunity program;
- b. For Oakland University a budget not to exceed \$7,650,000.

After discussing various alternative suggestions for increasing revenue, it was decided to urge the officers to do everything feasible to persuade the Legislature to increase the appropriations for both Universities as much as possible and to leave the matter as to the means for raising the necessary additional revenue to be determined at the next Trustees' meeting, with the understanding that if the Legislature should act soon, a special Board meeting for this purpose may be called.

4. Communication from Mr. Wilkinson:

At the February Board meeting, Mr. May presented an outline of the necessary action to be taken to provide for space requirements for the College of Human Medicine. This Board funded \$106,000 which, when added to other funds, will permit the renovation of certain areas in Giltner Hall.

Appropriation
for renovation
of Natural
Science
Building
approved

Plans and estimates have now been completed for laboratory changes and teaching space for the second year of preclinical medicine in the Natural Science Building. This work is estimated to cost \$100,000.

It is recommended that the Trustees authorize an appropriation of \$100,000 to provide for the renovation of certain areas of the Natural Science Building.

This recommendation was submitted to you and Dr. Neville for consideration and presentation at the March Board meeting, and it was decided to hold this recommendation. Dr. Neville now recommends that we present this item to the Trustees at their April meeting so that work can proceed immediately in order for these facilities to be ready in the fall of 1968.

On motion by Mr. Merriman, seconded by Dr. Smith, it was voted to approve the appropriation recommended in item 4.

5. At the March Trustees' meeting an act to codify rules to affect campus planning was distributed.

Approval Act to
codify campus
planning

Attorney Lee Carr has rewritten portions of it to clarify the meaning of certain sections of it, and a new version was distributed with the recommendation that it be approved either at this meeting or at the May meeting.

On motion by Mr. Nisbet, seconded by Mr. Hartman, it was unanimously voted to approve "An act to codify regulations affecting campus planning, designating land area uses, establishing a master plan, and providing for the administration thereof, for the benefit and protection of the property of the Board of Trustees of Michigan State University, pursuant to authority conferred by the constitution and statutes of the State of Michigan."

6. Mr. Carr was asked to report on the significance of the conflict of interest bills recently approved by the House of Representatives.

Report by Lee
Carr on
conflict of
interest bills

Payment of
Scudder,
Stevens &
Clark 1968
fees approved

7. It was recommended that the Trustees authorize the following payment to Scudder, Stevens & Clark for their 1968 fees:

January 1, 1968, Principal Value		\$21,598,314
Less Exemptions:		
Cash	\$ 37,949	
Governments and Federal Agency Bonds	4,832,571	
Mortgages	812,779	
Michigan State University Bonds	966,821	
Common Stocks	151,319	6,801,439
Net amount subject to fee		\$14,796,875
Fee on \$2,000,000 @ $\frac{1}{2}$ of 1%	\$ 5,000	
Fee on \$2,000,000 @ $\frac{3}{16}$ of 1%	3,750	
Fee on \$2,000,000 @ $\frac{1}{8}$ of 1%	2,500	
Fee on \$3,000,000 @ $\frac{1}{16}$ of 1%	1,875	
Fee on \$5,796,875 @ $\frac{3}{64}$ of 1%	2,717	
Total charge for 1968	\$ 15,842	

This statement was included with their recent recommendations for the April Board and needs the approval of the Trustees.

On motion by Mr. Nisbet, seconded by Mr. Merriman, it was voted to authorize the payment of the fee as recommended.

Approval contract,
appropriation
for alterations
to Room 306
Horticulture
Building

8. Communication from Mr. Breslin:

On January 18 the Board of Trustees approved a \$14,000 charge against the Alterations and Improvements Account to make certain alterations to Room 306 Horticulture Building. These alterations were necessary to install a Microprobe X-ray Analyzer.

Bids were taken on this alteration project and came in at a sum higher than the original appropriation. To complete this project as agreed upon, it is necessary that an additional appropriation of \$3,859, charged to the Alteration and Improvement account, be made.

Quotations were received on April 4 for alterations to Room 306 Horticulture Building and were as follows:

Lansing Mechanical Contractors	\$ 15,959
W. A. Brown Corporation	16,172
Bosch Plumbing & Heating Co.	16,194
Industrial Mechanical Contractors, Inc.	16,329
United Piping and Erecting Co.	17,771
M. E. Cole, Inc.	18,960

It is recommended that a contract be awarded to the low bidder, the Lansing Mechanical Contractors, in the amount of \$15,959. There is an additional charge of \$1,900 for engineering and supervision, making the total expenditures \$17,859.

On motion by Mr. Stevens, seconded by Mr. Hartman, it was voted to approve the additional appropriation recommended above and to award the contract for alterations to Room 306 Horticulture Building to the Lansing Mechanical Contractors.

Contracts
awarded for
addition to
Olin Memorial
Hospital

9. The following bids were taken on April 15 for the addition and changes to the Olin Memorial Hospital:

<u>General Building Work</u>	
Granger Construction Company	\$ 163,500
Christman Construction Company	172,193
Ackerman Construction Company	174,546
Hanel-Vance Construction Company	176,700

<u>Mechanical Work</u>	
Lorne Company, Inc.	115,680
United Piping & Erecting Co.	122,700
Shaw-Winkler, Inc.	126,900
Spitzley Corporation	134,800

<u>Electrical Work</u>	
Root Electric, Inc.	37,375
Lansing Electric Motors	39,467
Hatzel & Buehler, Inc.	42,950
Barker-Fowler Electric Co.	43,984

<u>Laboratory Equipment</u>	
Laboratory Furniture Co.	15,369
Kewaunee Manufacturing Co.	18,294
E. H. Sheldon Equipment Co.	18,698

continued --

April 18, 1968

9. Addition to Olin Memorial Hospital, continued

Olin Memorial
Hospital, cont.

The architect has recommended that the work be awarded to the low bidders and that a single contract be written assigning the mechanical, electrical, and laboratory equipment to the Granger Construction Company as subcontractors. The amount of the recommended contract is as follows:

Granger Construction Co.	\$163,500
Lorne Company, Inc.	115,680
Root Electric, Inc.	37,375
Laboratory Furniture Co.	15,369
	<u>\$331,924</u>

The following budget is suggested for the project:

Construction	\$331,924
Architect's fees	20,000
Equipment	70,000
Site	5,000
Engineering Inspection and Testing	3,320
Contingency	19,756
	<u>\$450,000</u>

This project has been included in the request for legislative authorization for self-liquidating projects.

Because of the urgency of getting this work under way, it is recommended that the Board authorize awarding contracts to the low bidders with the understanding that there will be no announcement made until after the legislature has acted or failed to act on the request for an authorization.

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

10. Communication from Mr. Breslin:

Kenneth Black
Assoc. appointed
architects for
Observatory

If we are going to proceed with the University Observatory, it is going to be necessary to appoint an architect for this project.

As you know, the telescope has been ordered, and we are now in the process of taking bids for the dome.

Suggested architectural firms for this project are as follows:

Frank and Stein Associates, Inc., Lansing
Kenneth C. Black Associates, Lansing

Both are very competent architectural firms and could handle this small project and do a good job.

On motion by Mr. Nisbet, seconded by Dr. Smith, it was voted to authorize the employment of Kenneth C. Black Associates of Lansing.

11. Mr. Breslin reported on the tentative agreement that has been made with Meridian Township authorizing their extending the main sewer line across the Dobie Road property. After the work is completed and the legal description of the route is available, it will be necessary to approve a formal easement to be worked up by the attorney for Meridian Township and Lee Carr.

Agreement with
Meridian Twp.
re sewer line
across Dobie
Road property

On motion by Mr. Stevens, seconded by Mr. Nisbet, it was voted to approve this procedure.

12. Communication from Mr. Kinney of the MSU Alumni Association:

Distinguished
Alumni Awards
for 1968

The Executive Committee of the Alumni Association which is also acting as the Awards Committee during this interim year, has nominated the following alumni to receive the Distinguished Alumni Award from Michigan State University. I would appreciate it if you would bring these to the attention of the University Board of Trustees for their approval, so these alumni can be formally invited to the June Commencement to receive their award.

Carl H. Boehringer '25, Executive Director of American Chamber of Commerce in Tokyo,
Japan
Clarence Boonstra '36, United States Ambassador to Costa Rica
Paul W. Briggs '42, Superintendent of Schools, Cleveland, Ohio
Francis E. Ferguson '47, President, Northwestern Mutual Life Insurance Company
Robert C. Kramer '52, President, California State Polytechnic College

The recommended alternates are in this order:

- a. William J. Baker '15, President and Chairman of the Board, Midland Federal Savings and Loan Association
- b. Leonard J. Osterink '38, President, Osterink Construction Company

continued --

April 18, 1968

Distinguished
Alumni
Awards, cont.

12. Distinguished Alumni Awards, continued

As you know, both Carl Boehringer and Ambassador Boonstra were approved a year ago, but were unable to return to the country to receive their awards. However, they are making plans to return to the campus this year. The only possible conflict may result from Bob Kramer. In the event that it will be impossible for him to return this year, I would suggest that we ask the first alternate, Bill Baker of Midland, who has been a loyal and faithful, as well as successful, alumnus. If you need additional information on these candidates, please let me know.

No objections were raised by any of the Trustees, and it was agreed that the Alumni Association should proceed.

Kincheloe Air
Force Base

13. Distribution of a letter from a citizens committee trying to find a new use for the Kincheloe Air Force Base near Sault Ste. Marie.

It was agreed that Mr. Breslin would acknowledge the letter and express regret that the Board of Trustees could offer no recommendations for use of the Base.

Adjourned.

MINUTES OF THE MEETING
of the
BOARD OF TRUSTEES
April 18, 1968

Present: Mr. Stevens, Chairman; Messrs. Hartman, Merriman, Nisbet, Smith, President Hannah, Secretary Breslin.

Absent: Mr. Harlan, Mr. Thompson, Mr. White.

The meeting was called to order at 10:45 a.m. - President Hannah presiding.

The minutes of the March meeting were approved.

SPECIAL MISCELLANEOUS

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

On motion by Dr. Smith, seconded by Mr. Stevens, it was voted to approve the Finance Committee items on the preceding pages.

Resolution re
Civil Rights

2. At the Finance Committee meeting the President reported on activities on the campus as an aftermath of the assassination of Martin Luther King, Jr. Dr. George Johnson is serving as the chairman of a subcommittee of a special faculty committee appointed some weeks ago to determine an appropriate role for Michigan State University in its efforts to make some useful contribution to a solution of some of the civil rights problems that face our society. Dr. Johnson appeared before the Trustees and discussed at length the deliberations of his committee.

On motion by Mr. Stevens, seconded by Dr. Smith, the following resolution was unanimously adopted:

On behalf of the Board of Trustees, we want to express our approval of the steps being taken to determine appropriate roles of all segments of the University in the direction of making positive and immediate contributions toward the solution of the pervasive problems of civil rights in this country.

The Trustees intend to give sympathetic consideration to whatever recommendations are presented to it for implementation.

We invite the faculty to expedite their consideration of the report and recommendations of the special committee on equal opportunity now working under the chairmanship of Professor George Johnson so that any matters requiring action by the Trustees can reach us for consideration at an early date.

It is our hope that we can move forward into appropriate implementation of progressive steps before the end of the current school year.

The Trustees have a similar interest in comparable action at Oakland University.

Visit by Prime
Minister of
Thailand

3. Mr. Denison reported the details of the proposed visit by the Prime Minister of Thailand and his party, now planned for May 5 and 6.

4. The out-going and newly-elected officers of the MSU Student Government joined the Board members for lunch.

April 18, 1968

Resignations and Terminations

Resignations

1. D. Richard Binkley, County Agricultural Agent, Van Buren County, May 21, 1968, to return to the farm.
2. David E. Polson, Assistant Professor of Horticulture, April 30, 1968, to accept a position at the University of Minnesota.
3. Lore Metzger, Associate Professor of English, August 31, 1968, to accept a position at Emory University.
4. Norman R. Rich, Professor of History, August 31, 1968, to accept a position at Brown University.
5. John J. Anderson, Assistant Professor of Accounting and Financial Administration and the Computer Science Program, August 31, 1968, to accept a position at the University of Wisconsin.
6. Lynn C. Myers, Instructor in the Bureau of Business and Economic Research, April 30, 1968, for maternity reasons.
7. William R. Russell, Assistant Professor of Economics, August 31, 1968, to accept a position at the University of Kentucky.
8. William Haight, Assistant Professor of Advertising, August 31, 1968, to accept a position with a private firm.
9. Twyla M. Shear, Associate Professor of Secondary Education and Curriculum, August 31, 1968, to accept a position at Pennsylvania State University.
10. Eleanor A. Mullikin, Assistant Professor of Textiles, Clothing, and Related Arts, August 31, 1968, to accept a position in a Florida college.
11. Theodore Guinn, Assistant Professor of Mathematics and Engineering Research, August 31, 1968, to accept a position at New Mexico University.
12. Jean E. Rubin, Associate Professor of Mathematics, August 31, 1968, to accept a position at Purdue University.
13. Carol J. Lindstrom, Assistant Professor of Nursing, August 31, 1968, to pursue doctoral study at Michigan State University.
14. Zaiga G. Priede, Instructor in Nursing, August 31, 1968, to be married.
15. Joseph M. Gani, Visiting Professor of Statistics and Probability, June 30, 1967, to accept a position at The University, Sheffield, England.
16. Walter E. Freeman, Professor of Sociology and Continuing Education, June 30, 1968, to accept a position at Pennsylvania State University.
17. Jorgen Dahlie, Assistant Professor of American Thought and Language, August 31, 1968, to return to the Northwest for family reasons.
18. James M. Rodgers, Assistant Professor of American Thought and Language, August 31, 1968, to accept a position in Washington, D.C.
19. William T. Gillis, Instructor in Natural Science, April 30, 1968, for personal reasons.
20. Dale H. Pretzer, Assistant to the Director, Library, May 10, 1968, to accept a position as Deputy Librarian of the Michigan State Library.
21. Richard J. Kraft, Specialist in the Institute for International Studies in Education, March 31, 1968, because of termination of overseas assignment.
22. Delbert W. Shirley, Specialist in the Institute for International Studies in Education, March 25, 1968 because of termination of overseas research.
23. Laura May Berg, Secretary, Thailand Project, April 30, 1968, because of change of residence from Bangkok to United States.

Leaves -- SabbaticalLeaves -
Sabbatical

1. Eldon A. Behr, Professor of Forest Products, with full pay from August 1, 1968 through January 31, 1969, to study at the University of Wisconsin.
2. John A. Yunck, Professor of English, with half pay, from January 1 through June 30, 1969, to study at Michigan State University, the University of Michigan, in New York City, and at Harvard.
3. Adolph E. Grunewald, Professor of Accounting and Financial Administration, with full pay, September 1 through December 31, 1968, to study and travel in the United States.
4. Rachelle Schemmel, Assistant Professor of Foods and Nutrition, with full pay, from September 1 through December 31, 1968, to study in England.

Leaves -
SabbaticalLeaves -- Sabbatical, continued

5. Abram M. Barch, Professor of Psychology, with full pay, from April 1 through June 30, 1969, to work on a book in East Lansing and Ann Arbor.
6. John R. Hurley, Professor of Psychology, with half pay, from October 1, 1968 through March 31, 1969, to study at home.
7. Milton Rokeach, Professor of Psychology, with half pay, in addition to half pay from National Science Foundation grant (71-1591), from September 1, 1968 through August 31, 1969, to do research and writing at home.
8. Clyde F. Cairy, Professor of Pharmacology, with half pay, from September 1, 1968 through August 31, 1969, to be a Fulbright lecturer at the University of Tehran.

Leaves -
HealthLeaves -- Health

1. Agnes M. Gregarek, Home Economist at Large, with full pay, from April 1 through April 30, 1968.

Leaves -
MilitaryLeaves -- Military

1. Neil Owen Snapp, Assistant Professor of Secondary Education and Curriculum, with pay in accordance with policy for reserve officers, from April 29 through May 10, 1968.
2. Phillip Stotz, Specialist in Agricultural Engineering, without pay, from March 15, 1968 through June 30, 1968.
3. William Dilts, Food Supervisor VIII, Brody Halls, without pay, from April 1, 1968 through June 30, 1968.
4. Kurt Wayne Feighner, Stockman in Food Stores, without pay, from March 22 through June 30, 1968.
5. George D. Westover, Head Food Supervisor XI, Kellogg Center, without pay, from September 7, 1967 through June 30, 1968.

Leaves -
OtherLeaves -- Other

1. Daniel W. Sturt, Professor of Agricultural Economics, without pay, from June 3 through July 12, 1968, to work for the Department of Labor.
2. Clarence M. Hansen, Associate Professor of Agricultural Engineering, with full pay, from June 27 through August 27, 1968, to travel in Europe.
3. Monte R. Harold, Instructor (Research) in Forest Products, without pay, from May 1 through May 31, 1968, to study for his thesis.
4. Kirkpatrick Lawton, Professor of Soil Science and Director of the Institute of International Agriculture and Nutrition, without pay, from June 1 through June 30, 1968, to act as a consultant to the Ford Foundation in Pakistan.
5. Charles H. Kraft, Assistant Professor of Linguistics and Oriental and African Languages and the African Studies Center, without pay, from September 1, 1968 through August 31, 1969, to teach at the University of California at Los Angeles.
6. R. Gene Rex, Associate Professor of Teacher Education and Secondary Education and Curriculum, without pay, from July 1, 1968 through June 30, 1969, to work for the Michigan Department of Education.
7. Edward M. Eisenstein, Associate Professor of Biophysics, without pay, from May 1 through August 31, 1968, to complete obligations at Stony Brook.
8. Suryakumari Ramaswami, Research Associate in Biophysics, without pay, from April 1 through June 30, 1968, for maternity reasons.
9. Frank C. Hoppensteadt, Assistant Professor of Mathematics, without pay, from September 1, 1968 through August 31, 1969, to study at New York University.
10. Joel Aronoff, Assistant Professor of Psychology and Justin Morrill College, without pay from September 1, 1968 through August 31, 1969, to teach at Cornell University.
11. Heather S. Miller, Librarian in the Library, without pay, from July 25, 1968 through August 31, 1968, to study at the University of Michigan.

Appointments

Appointments

1. Robert Owen McDowell, Agricultural Agent, Ingham County, at a salary of \$9,000 per year on a 12-month basis, effective July 15, 1968.
2. Lynn Robert Harvey, 4-H Youth Agent, At Large, at a salary of \$8,000 per year on a 12-month basis, effective July 1, 1968.
3. Marshall Junior McGuire, Natural Resources Agent, Alcona County, at a salary of \$10,500 per year on a 12-month basis, effective June 15, 1968.

Appointments, continued

Appointments

4. David M. Farmer, Instructor in Agricultural Engineering, at a salary of \$9,000 per year on a 12-month basis, effective July 1, 1968 through June 30, 1969.
5. David A. G. Green, Specialist in Agricultural Engineering and Agricultural Economics, at a salary of \$8,500 per year, effective July 1, 1968 through December 31, 1968.
6. Masahiro Yamamoto, Research Associate in Biochemistry, at a salary of \$8,000 per year on a 12-month basis, effective March 1 through August 31, 1968.
7. Shih Tzy Yang, Research Associate in Biochemistry, at a salary of \$8,300 per year on a 12-month basis, effective April 1 through May 31, 1968.
8. Julian J. Kielbaso, Instructor in Forestry, at a salary of \$10,000 per year on a 12-month basis, effective July 1 through August 31, 1968.
9. Julian J. Kielbaso, Assistant Professor of Forestry, at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1968.
10. Louis Htin Aung, Research Associate in Horticulture, at a salary of \$7,500 per year on a 12-month basis, effective May 1 through May 31, 1968.
11. Ernesto H. Casseres, Visiting Professor of Horticulture, without salary, from May 1, through June 30, 1968.
12. Leighton L. Leighty, Assistant Professor (Extension) of Resource Development at a salary of \$12,800 per year on a 12-month basis, effective July 1, 1968.
13. Donald Austin Addison, Research Associate in Soil Science, at a salary of \$8,000 per year on a 12-month basis, effective May 15, 1968 through May 14, 1969.
14. Maurice Lee Vitosh, Assistant Professor (Research, Extension) of Soil Science at a salary of \$11,500 per year on a 12-month basis, effective July 1, 1968.
15. Howard Peter Anderson, Assistant Professor of English, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1968.
16. Richard Ercole Benvenuto, Assistant Professor of English, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1968.
17. Jay Bolsar Ludwig, Assistant Professor of English, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1968.
18. Victor Niles Paananen, Assistant Professor of English, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1968.
19. Robert Walter Uphaus, Assistant Professor of English, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1968.
20. Harold G. Marcus, Associate Professor of History and African Studies Center, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1968.
21. Arnold M. Paul, Professor of History, at a salary of \$16,700 per year on a 10-month basis, effective September 1, 1968.
22. George A. Rawlyk, Visiting Professor of History and the Canadian-American Studies Program, at a salary of \$6,000 for the period from April 1, 1968 through June 30, 1968.
23. Paul R. Sweet, Professor of History, at a salary of \$18,000 per year on a 10-month basis, effective September 1, 1968.
24. Robert A. Clark, Assistant Professor of Music, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1968.
25. Alan B. Poland, Instructor in Music, at a salary of \$6,300 per year on a 10-month basis, effective September 1, 1968.
26. Alvin A. Arens, Assistant Professor of Accounting and Financial Administration, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1968.
27. Arie Melnik, Assistant Professor of Economics, at a salary of \$11,500 per year on a 10-month basis, effective September 1, 1968 through August 31, 1969.
28. Oscar I. Tosi, Associate Professor of Audiology and Speech Science, at a salary of \$11,100 per year on a 10-month basis, effective September 1, 1968.
29. Maxine Ferris, Instructor in Speech and Theatre, at a salary of \$600 for the period from April 1 through June 30, 1968.
30. Edwin S. Andrews III, Assistant Professor of Elementary and Special Education, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1968.
31. John A. Masla, Assistant Professor of Elementary and Special Education, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1968.

April 18, 1968

Appointments

Appointments, continued

32. Russell Dale McLean, Jr., Instructor in Elementary and Special Education, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1968 through August 31, 1969.
33. James McVay Van Tassel, Instructor in Elementary and Special Education, at a salary of \$5,500 per year on a 10-month basis, effective September 1, 1968 through August 31, 1969.
34. Frank Glenn Cookingham, Instructor in the Learning Systems Institute, at a salary of \$10,200 per year on a 12-month basis, effective September 1, 1968.
35. Judith Elinore Henderson, Instructor in the Learning Systems Institute, at a salary of \$10,800 per year on a 12-month basis, effective September 1, 1968.
36. Arleen Cornelia Otto, Professor of Secondary Education and Curriculum and Home Economics, at a salary of \$15,500 per year on a 10-month basis, effective September 1, 1968.
37. Judd Franklin Field, Instructor in Student Teaching, at a salary of \$10,800 per year on a 10-month basis, effective September 1, 1968.
38. B. Bradley West, Instructor in Teacher Education, at a salary of \$3,000 for the period from April 1 through June 30, 1968.
39. B. Bradley West, Instructor in Student Teaching, at a salary of \$12,500 per year on a 12-month basis, effective July 1, 1968.
40. Donald Weston, Jr., Assistant Professor of Psychiatry, at a salary of \$25,000 per year in a 12-month basis, effective June 1, 1968.
41. Chitra M. Smith, Assistant Professor of Madison College, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1968.
42. John S. Duley, Specialist in Morrill College, at a salary of \$15,500 per year on a 10-month basis, effective September 1, 1968 through August 31, 1969.
43. R. Erik Zimmermann, Assistant Professor of Astronomy, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1968.
44. Benoy Bhusan Bhowmik, Research Associate in Biophysics, at a salary of \$7,800 per year on a 12-month basis, effective April 1 through July 15, 1968.
45. Edward M. Eisenstein, Associate Professor of Biophysics, at a salary of \$14,000 per year on a 10-month basis, effective May 1, 1968.
46. Suryakumari Ramaswami, Research Associate in Biophysics, at a salary of \$7,800 per year on a 12-month basis, effective April 1, 1968 through March 31, 1969.
47. Stanley R. Crouch, Assistant Professor of Chemistry, at a salary of \$9,400 per year on a 10-month basis effective September 1, 1968 through August 31, 1969.
48. James F. Harrison, Assistant Professor of Chemistry, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1968 through August 31, 1969.
49. N. V. Mani, Research Associate in Chemistry, at a salary of \$9,000 per year on a 12-month basis, effective April 1, 1968 through March 31, 1969.
50. Michael W. Rathke, Assistant Professor of Chemistry, at a salary of \$9,400 per year on a 10-month basis, effective September 1, 1968 through August 31, 1969.
51. Alfred Samuel Carasso, Assistant Professor of Mathematics, at a salary of \$10,300 per year on a 10-month basis, effective September 1, 1968.
52. Wellington H. Ow, Assistant Professor of Mathematics, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1968.
53. Margaret W. Zimmer, Instructor in Mathematics and University College, at a salary of \$1,900 for the period from April 1 through June 30, 1968.
54. Richard J. Sauer, Assistant Professor of the Science and Mathematics Teaching Center, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1968.
55. Edward E. Azar, Assistant Professor of Political Science, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1968.
56. Jeffrey S. Milstein, Assistant Professor of Political Science, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1968.
57. Richard J. Ball, Research Associate in Psychology and Elementary and Special Education at a salary of \$1,600 for the period from April 1 through June 30, 1968.
58. Richard J. Ball, Research Associate in Psychology, at a salary of \$3,662 for the period from July 1, 1968 through March 31, 1969.

NEW BUSINESS, continued

April 18, 1968

Appointments, continued

Appointments

59. Stanley Charles Ratner, Professor of Psychology, at a salary of \$16,500 per year on a 10-month basis, effective September 1, 1968.
60. Ronald Roy Nelson, Instructor in Humanities, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1968.
61. Einer S. Nisula, Instructor in Humanities, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1968.
62. Barry Nathan Stein, Instructor in Social Science, at a salary of \$9,300 per year on a 10-month basis, effective September 1, 1968.
63. George Lee Deaver, Research Associate in Anatomy, at a salary of \$10,500 per year on a 12-month basis, effective April 9 through August 31, 1968.
64. Stanley Katlein, Assistant Clinical Professor of Pathology, without salary, on a 12-month basis, effective May 1, 1968 through June 30, 1969.
65. Leo W. Walker, Associate Clinical Professor of Pathology, without salary, on a 12-month basis, effective May 1, 1968 through June 30, 1969.
66. David L. Jordan, Assistant Professor of Counseling Center, at a salary of \$11,000 per year on a 12-month basis, effective July 15, 1968.
67. Richard M. Pierce, Assistant Professor of Counseling Center, at a salary of \$11,000 per year on a 12-month basis, effective August 15, 1968.
68. Annette Kathryn Buurstra, Librarian in the Library, at a salary of \$9,000 per year on a 12-month basis, effective September 15, 1968.
69. Marianne Dykema Fields, Librarian in the Library, at a salary of \$7,200 per year on a 12-month basis, effective May 27, 1968.
70. Helen Electa Jones, Librarian in the Library, at a salary of \$8,000 per year on a 12-month basis, effective September 15, 1968.
71. Alice Elizabeth Keim, Librarian in the Library, at a salary of \$8,000 per year on a 12-month basis, effective May 1, 1968.
72. John Kloswick, Librarian in the Library, at a salary of \$7,200 per year on a 12-month basis, effective July 1, 1968.
73. Diane LaBoueff Murray, Librarian in the Library, at a salary of \$7,200 per year on a 12-month basis, effective July 1, 1968.
74. Helena Zekveld, Librarian in the Library, at a salary of \$7,200 per year on a 12-month basis, effective July 1, 1968.
75. Jack Stanley Wikle, Specialist in Campus Planning and Maintenance, at a salary of \$10,000 per year on a 12-month basis, effective June 1, 1968.
76. Godwin E. Okurme, Specialist in the Consortium for the Study of Nigerian Rural Development, at a salary of \$6,900 per year on a 12-month basis, effective March 16, 1968.
77. John P. Whitney, Specialist in the Consortium for the Study of Nigerian Rural Development, at a salary of \$11,660 per year on a 12-month basis, effective June 30, 1968.
78. Ramon Jose Sender, Visiting Professor of Romance Languages, at a salary of \$3,000 for the period from June 17, 1968 through July 23, 1968.
79. Robert W. Rodieck, Lecturer in Biophysics, at a salary of \$2,500 for the period from June 17 through August 30, 1968.
80. Alex D. Beltz, Assistant Professor of Physiology, at a salary of \$3,000 for the period from June 17 through August 30, 1968.
81. Don E. Coleman, Assistant Football Coach and Assistant Professor of Intercollegiate Athletics, at a salary of \$13,500 per year on a 12-month basis, effective June 15, 1968.

Transfers

Transfers

1. Leo W. Dorr, from Dairy Agent, Lapeer County, to County Agricultural Agent, Lapeer County, at a salary of \$12,000 per year on a 12-month basis, effective July 1, 1968.
2. James E. Mulvaney, from Agricultural Agent, Ingham County, to County Agricultural Agent, Ingham County, at a salary of \$13,000 per year on a 12-month basis, effective August 1, 1968.
3. Robert E. Poppy, from 4-H Youth Agent, Presque Isle County, to Natural Resources Agent, Kalkaska County, at a salary of \$10,600 per year on a 12-month basis, effective May 1, 1968.

Transfers

Transfers, continued

4. Adolph E. Grunewald, from Professor of Accounting and Financial Administration to Professor of Continuing Education at a salary of \$15 700 per year on a 10-month basis, effective September 1, 1968.
5. Kenneth Martin Fetting, from Assistant Editor, Information Services, to Assistant Publications Editor, AP-I, Information Services, at a salary of \$7,500 per year on a 12-month basis, effective April 1, 1968.

Salary Changes

Salary Changes

1. Increase in salary for Martin Aaron Wilson, Extension Field Dairyman, Dairy, to \$10,500 per year on a 12-month basis, effective May 1, 1968.
2. Increase in salary for Bert Mark Pulaski, Administrative Officer AP-III, Consortium for the Study of Nigerian Rural Development, to \$10,600 per year, effective July 1, 1968; 12-month basis.

On motion by Mr. Merriman, Seconded by Mr. Stevens, it was voted to approve the Resignations, Leaves, Appointments, Transfers, and the Salary Changes.

Miscellaneous

Promotions

1. The following promotions are recommended to be effective July 1, 1968:

TO PROFESSORAgriculture and Natural Resources

Glynn C. McBride
Duane E. Ullrey
Louis J. Boyd
Leslie W. Gysel
Charles M. Stine
Charles C. Sheppard
Boyd Gene Ellis

Agricultural Economics
Animal Husbandry
Dairy
Fisheries and Wildlife
Food Science
Poultry Science
Soil Science

Arts and Letters

Mark O. Kistler
Harry J. Brown
James H. Soltow
Frederick Williams
Lyman Bodman
George C. Kerner
Gerald Jay Massey
Harold T. Walsh
Francis M. Donahue

German and Russian
History
History
History
Music
Philosophy
Philosophy
Philosophy
Religion

Business

Subbiah Kannappan
Jan Kmenta
Bernard J. La Londe

Economics
Economics
Marketing and Transportation Administration

Communication Arts

Kenward L. Atkin
Frederick Alexander

Advertising
Speech and Theatre

Education

James Heald
Lee S. Shulman
Clessen J. Martin
Roy K. Niemeyer
Frank H. Blackington
W. Henry Kennedy

Administration and Higher Education
Counseling, Personnel Services, and Ed. Psych.
Elementary and Special Education
Health, Physical Education, and Recreation
Secondary Education and Curriculum
Teacher Education

Engineering

Orlando Andersland
John B. Kreer

Civil Engineering
Electrical Engineering

Human Medicine

Hilliard K. Jason

Medicine; Medical Research and Development;
Human Learning Research Institute

Justin Morrill College

T. Harry McKinney

NEW BUSINESS, continued

April 18, 1968

Miscellaneous, continued

1. Promotions, continued

Promotions

TO PROFESSOR, continuedNatural Science

Jack C. Elliott
 William H. Reusch
 Alexander Tulinsky
 Peter Lappan
 Michael J. Harrison

Botany and Plant Pathology
 Chemistry
 Chemistry
 Mathematics
 Physics

Social Science

Bernard Gallin
 Lucy R. Ferguson
 Bertram P. Karon
 Joseph Reyher
 Gwen Andrew
 Robert Hotaling

Anthropology
 Psychology
 Psychology
 Psychology
 Social Work
 Urban Planning and Landscape Architecture

University College

Richard J. Coelho
 Albert Karson
 William H. Pipes
 Edward W. Natharius
 Norman Penlington
 Bishop N. Pipes
 Robert S. Quimby
 Paul H. Barrett
 David Klein
 Clinton A. Snyder

American Thought and Language
 American Thought and Language
 American Thought and Language
 Humanities
 Humanities
 Humanities
 Humanities
 Natural Science
 Social Science
 Social Science

Veterinary Medicine

Esther Smith
 Stuart Duane Sleight

Medical Technology
 Pathology

Vice President for Student Affairs

Norman Abeles
 Laurine E. Fitzgerald
 Eldon R. Nonnamaker

Counseling Center
 Student Affairs
 Student Affairs

Provost

John Barson
 Erling S. Jorgensen
 Edward Paul McCoy

Coordinator
 Instructional Media Center
 Instructional Media Center

TO ASSOCIATE PROFESSOR (*Acquires tenure with this action)

Agriculture and Natural Resources

*William A. Tinsley
 *William G. Bickert
 *Harlan D. Ritchie
 *Allan John Morris
 Richard W. Chase
 Herbert A. Tucker
 Sigmund H. Schanderl
 *Gerhardt Schneider
 *Henry A. Huber
 *Clark W. Nicklow
 *Kenneth C. Sink

Agricultural Economics
 Agricultural Engineering
 Animal Husbandry
 Biochemistry
 Crop Science
 Dairy
 Food Science
 Forestry
 Forest Products(if Ph.D deg. granted by 7-1-68)
 Horticulture
 Horticulture

Arts and Letters

Noah Alonso
 *Joseph J. Kuszai
 *E. Fred Carlisle
 *James H. Pickering
 *Herbert Greenberg
 *Douglas T. Miller
 Bryon L. Autrey
 Herbert Josephs
 *George P. Mansour

Art
 Art
 English
 English
 English
 History
 Music
 Romance Languages
 Romance Languages

NEW BUSINESS, continued

April 18 1968

Miscellaneous, continued

Promotions

1. Promotions, continued

TO ASSOCIATE PROFESSOR, continuedBusiness

*Hal W. Hepler
*James Rainey

Business Law and Office Administration
Business Law and Office Administration

Communication Arts

*Leo V. Deal
*Randall Harrison
*Sidney L. Berger
*Thomas F. Baldwin

Audiology and Speech Science
Communication
Speech and Theatre
Television and Radio

Education

*Keith P. Anderson
*Norman T. Bell
Shirley Brehm
*Ray G. Harper
*Richard L. Marquart
*Robert G. Oana
*David C. Smith

Teacher Education
Learning Systems Institute
Elementary and Special Education
Elementary and Special Education
Elementary and Special Education
Elementary and Special Education
Administration and Higher Education

Engineering

*Martin C. Hawley
*Bruce W. Wilkinson
Harlow M. Judson
*John F. Foss
*Robert Summitt
*David H. Y. Yen
*James A. Resh

Chemical Engineering
Chemical Engineering
Electrical Engineering
Mechanical Engineering
Metallurgy, Mechanics, and Materials Science
Metallurgy, Mechanics, and Materials Science
Systems Science

Home Economics

*Carol W. Shaffer

Home Management and Child Development

Human Medicine

*James B. Thomas

Anatomy

Justin Morrill College

*Roger C. Stimson

Natural Science

Clifford J. Pollard
*Peter J. Wagner
*Dean L. Haynes
*Ronald E. Monroe
*Robert G. Wetzel
*Frank Hoppensteadt
*John Masterson
*Jerry D. Schuur
*Gerald D. Taylor
*Chester Tsai
*Jack Bass
*Walter Benenson
*Charles R. Gruhn
*Jack Hetherington
*William P. Johnson
S. Arthur Reed
*Habib Salehi
*William E. Cooper
*Ralph A. Pax
*Evelyn M. Rivera

Botany and Plant Pathology
Chemistry
Entomology
Entomology
Kellogg Biological Station
Mathematics
Mathematics
Mathematics
Mathematics
Mathematics
Physics
Physics
Physics
Physics
Physics
Science and Mathematics Teaching Center
Statistics
Zoology
Zoology
Zoology

Social Science

*Charles E. Cleland
*Joseph Spielberg
*Baruch Boxer
*Glenn I. Hatton
*James L. Phillips
*David C. Raskin
Jacqueline Brophy
*Ruth T. Koehler

Anthropology
Antrhopology
Geography
Psychology
Psychology
Psychology
Labor and Industrial Relations
Social Work

NEW BUSINESS, continued

April 18, 1968

Miscellaneous, continued

1. Promotions, continued

Promotions

TO ASSOCIATE PROFESSOR, continuedUniversity College

Marilyn M. Culpepper
 *M. Thomas Inge
 *Henry J. Silverman
 Gordon C. Smith
 Edgar E. Knoebel
 *Robert G. Franke
 *Lloyd H. Heidgerd
 *John L. Ruby
 *Charles S. St. Clair
 *Lois J. Zimring

American Thought and Language
 American Thought and Language
 American Thought and Language
 American Thought and Language
 Humanities
 Natural Science
 Natural Science
 Natural Science
 Natural Science
 Natural Science

Veterinary Medicine

*Al Worth Stinson

Anatomy

Vice President for Student Affairs

*John R. Powell

Counseling Center

Continuing Education

*Robert C. Anderson

Institute for Community Development

Intercollegiate Athletics

Grady Peninger

Campus Planning and Maintenance

Fred W. Freeman

Hidden Lake Gardens

TO ASSISTANT PROFESSORArts and Letters

Eldon Van Liere
 Jere T. Hutcheson
 Charles McCracken

Art
 Music
 Philosophy

Natural Science

Barbara Given
 Jacqueline Wright

Nursing
 Nursing

Social Science

Neil Vande Vord

Labor and Industrial Relations

University College

Richard R. Laurence

Humanities

Vice President for Student Affairs

Lawrence Sierra

Intramural Athletics

On motion by Mr. Nisbet, seconded by Dr. Smith, it was voted to approve the promotions

Miscellaneous

2. Appointment of Lawrence W. Von Tersch as Professor and Dean of Engineering, effective April 18, 1968. Dr. Von Tersch has been Acting Dean since January 1, 1967.
3. Appointment of Ralph Smuckler as Dean of International Programs, effective July 1, 1968. Dr. Smuckler has been on leave without pay to work for the Ford Foundation in Pakistan and will continue on leave without pay for an indefinite time.
4. Change in the effective date of appointment of Robert C. Herner as Assistant Professor (Extension, Research) of Horticulture from March 15 to April 15, 1968.
5. Change Elizabeth Rusk from Director of the Humanities Teaching Institute at a salary of \$18,000 per year on a 12-month basis to Professor of English and Education at a salary of \$16,000 per year on a 10-month basis, effective September 1, 1968, paid 50% from 11-4361 and 50% from 11-3621.

Appointment of
 L.W. Von Tersch
 Dean of
 Engineering

Appointment of
 Ralph Smuckler
 Dean of
 Int. Programs

Ch appt. date
 R. C. Herner

Ch status
 Elizabeth Rusk

NEW BUSINESS, continued

April 18, 1968

Miscellaneous, continued

- | | |
|---|---|
| Ch status
J. Bruce Burke | 6. Change J. Bruce Burke from Associate Professor of Humanities at a salary of \$10,500 per year on a 10-month basis to Director of the Humanities Teaching Institute and Associate Professor of Humanities and Education at a salary of \$14,000 per year on a 12-month basis, effective April 1, 1968, paid from 11-4031. |
| R.H. Howard to
Acctg. & Finan.
Admin. only | 7. Assignment of R. Hayden Howard, Assistant Professor, to Accounting and Financial Administration only, effective September 1, 1968. |
| Ch resignation
D.S. Van Aken | 8. Change in the effective date of the resignation of Denise S. Van Aken as Instructor in Elementary and Special Education from May 31 to April 30, 1968. |
| Ch lve
James W. Costar | 9. Change in dates of sabbatical leave with pay for James W. Costar, Professor of Counseling Personnel Services, and Educational Psychology, from January 1 to June 30, 1969, to September 16, 1968 to March 15, 1969. |
| Ch status
R.G. Underhill | 10. Change Robert G. Underhill, Instructor in Student Teaching and Continuing Education, from full time at \$7,000 per year to half time at \$3,500 per year, effective from May 1 to August 31, 1968. |
| Ch appt. date
D. R. Hughes | 11. Change in the effective dates of the appointment of Daniel R. Hughes as Professor of Mathematics from March 23 to May 3, 1968, to March 1 to May 31, 1968, at the same salary of \$2,700 for the period. |
| Ch status
Norma K. Britt | 12. Change Norma K. Britt, Instructor in Nursing, from full time at \$8,000 per year to part time at a salary of \$4,800 per year, effective from February 1 to June 30, 1968. |
| Ch status
Alfred Opubor | 13. Change Alfred Opubor, Instructor in the African Studies Center, from three-fourths time at a salary of \$2,000 to full time at a salary of \$2,667 for the period from April 1 to June 30, 1968. |
| Dual assign.
Bruce L. Smith | 14. Dual assignment of Bruce Lannes Smith, Professor, to Political Science and Honors College, effective from January 1 to April 30, 1968, paid 25% from 11-3891 and 75% from 11-4101. |
| Appt. Gwen
Andrew Dir. of
Social Work | 15. Assignment of Gwen Andrew to Social Work only and appointment as Director of the School of Social Work with a salary increase from \$18,100 to \$21,000 per year, effective July 1, 1968, paid from 11-3921. Dr. Andrew has been serving as Acting Director since September 1, 1967. |
| Ch status
William H. Form | 16. Change William H. Form from Chairman and Professor (Research) of Sociology to Professor (Research) of Sociology, effective September 1, 1968. |
| Appt. Wm. A.
Faunce as
Chm. Sociology | 17. Appointment of William A. Faunce as Chairman and Professor of Sociology with a salary increase from \$19,500 per year to \$22,000 per year on a 12-month basis, effective September 1, 1968, and assigned to Sociology only. |
| Ch leave
Jane Ann Barkau | 18. Change Jane Ann Barkau, Instructor in American Thought and Language, from leave without pay to a salary of \$889 from April 1 to July 31, 1968. She will teach one-third time during spring term 1968, and is to receive no pay for the month of August 1968. |
| Ch status
T. H. Greer | 19. Change in status of Thomas H. Greer from Professor and Chairman of Humanities at a salary of \$23,300 per year on a 12-month basis to Professor of Humanities at a salary of \$19,800 per year on a 10-month basis, effective July 1, 1968. |
| Ch status
Karl F. Thompson | 20. Change in status of Karl F. Thompson from Professor to Professor and Chairman of Humanities, effective July 1, 1968. |
| Ch status
C.J. McMillen | 21. Designation of Carolyn J. McMillen as Divisional Librarian with a change in salary from \$10,400 to \$12,000 per year, effective July 1, 1968. |
| Ch status
C. A. Wuepper | 22. Designation of Charlotte A. Wuepper as Assistant to the Director of the Library with a change in salary from \$8,000 to \$9,000 per year, effective April 15, 1968. |
| Reinstatement
L. C. Pettit in
Nat. Sci. | 23. Reinstatement of Lincoln C. Pettit as Associate Professor of Natural Science at a salary of \$11,400 per year on a 10-month basis, effective September 1, 1968, with his salary paid from Nigeria Program funds for September 1968 and departmental funds beginning October 1, 1968. |
| Reinstatement
J. E. Heald in
Admin. & Higher
Ed. | 24. Reinstatement of James E. Heald as Associate Professor of Administration and Higher Education, effective March 11, 1968. Dr. Heald has been assigned to the Thailand Project since January 24, 1968. |
| Ch status
Kelly M.
Harrison | 25. Change Kelly M. Harrison, Assistant Professor of Agricultural Economics, from a temporary appointment to a regular appointment subject to tenure rules at a campus salary of \$14,500 per year on a 12-month basis, effective June 15, 1968, and assigned to the Colombia project at a salary of \$16,450 per year, effective June 15, 1968, paid from 71-2035. |
| Assign. J.S.
Frame to
Thailand Proj. | 26. Assignment of James Sutherland Frame, Professor of Mathematics and Engineering Research, to the Thailand Project at a salary of \$22,330 per year, effective from April 23 to June 30, 1968, paid from 71-2043. |

Miscellaneous, continued

27. Recommendations as follows from the Retirement Committee:

Retirement
recommendations

- a. Retirement of Lilas Frost, Home Economist in Genesee County, at a retirement salary of \$3,000 per year, effective September 1, 1968. Miss Frost was born on August 30, 1904, and has been employed by the University since August 15, 1943.
- b. Retirement of Robert S. Lincoln, Lapeer County Agricultural Agent, at a retirement salary of \$3,000 per year, effective July 1, 1968. Mr. Lincoln was born on October 10, 1907, and has been employed by the University since May 10, 1935.
- c. Retirement of Richard C. Lott, Ingham County Agricultural Agent, at a retirement salary of \$3,000 per year, effective August 1, 1968. Mr. Lott was born on April 19, 1907, and has been employed by the University since April 9, 1935.
- d. One-year consultantship with agreed-upon duties and responsibilities for Charles Pollock, Professor of Art, from July 1, 1968 to June 30, 1969, and retirement effective July 1, 1969 at a retirement salary of \$3,000 per year. Mr. Pollock was born on December 25, 1902, and has been employed by the University since July 1, 1942.
- e. One-year consultantship with agreed-upon duties and responsibilities for Egon A. Hiedemann, Professor of Physics, from July 1, 1968 to June 30, 1969, and retirement effective July 1, 1969, at a retirement salary of \$1,253 per year. Dr. Hiedemann was born on February 1, 1900, and has been employed by the University since September 1, 1950.
- f. One-year consultantship with agreed-upon duties and responsibilities for Thomas H. Osgood, Professor of Advanced Graduate Studies and Director of the Abrams Planetarium, from July 1, 1968 to June 30, 1969, and retirement effective July 1, 1969, at a retirement salary of \$3,000 per year. Dr. Osgood was born on April 6, 1900, and has been employed by the University since September 1, 1941.
- g. One-year consultantship with agreed-upon duties and responsibilities for Barbara Boger, Psychiatric Social Worker AP-VIII in the Counseling Center, from July 1, 1968 to June 30, 1969, and retirement effective July 1, 1969 at a salary of \$3,000 per year. Miss Boger was born on April 4, 1904, and has been employed by the University since September 1, 1947.

28. Report of the death of Alma Minna Goetsch on April 6, 1968. Miss Goetsch was born on May 9, 1901, was employed by the University on September 1, 1928, and was Professor of Art at the time of her retirement on July 1, 1965.

Deaths:

Alma M. Goetsch

29. Report of the death of Robert Earl Loree on March 21, 1968. Mr. Loree was born on October 25, 1880, was employed by the University on July 1, 1913, and was Assistant Professor of Horticulture at the time of his retirement on July 1, 1946.

R.E. Loree

30. Report of the death of Fred C. Bernhardt, 4-H Youth Agent in Hillsdale, Branch, and St. Joseph Counties, on March 29, 1968. Mr. Bernhardt was born on March 15, 1914, and was employed by the University on July 1, 1946.

F. C. Bernhardt

It is recommended that his widow continue to receive his salary for one year beyond the date of his death, or until March 29, 1969.

On motion by Dr. Smith, seconded by Mr. Stevens, it was voted to approve Miscellaneous items 2 through 26 and the recommendations in items 27 and 30.

31. Recommendations as follows from the Director of Personnel:

Personnel
recommendations

- a. For the Cooperative Extension Service:
 - 1) Reclassify a Clerk-Stenographer III to a Senior Clerk-Stenographer V position
 - 2) Reclassify a Clerk-Typist II to a Senior Clerk-Stenographer V position
- b. Establish a Senior Crop Science Aide X position in Crop Science, paid from 31-3790
- c. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position in Forestry.
- d. Reclassify a Clerk Typist to a Senior Clerk-Stenographer V position in the Institute of International Agriculture.
- e. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position in Marketing and Transportation Administration.
- f. For Management:
 - 1) Reclassify a Clerk-Typist II to a Senior Clerk-Stenographer V position
 - 2) Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position
- g. Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position in the Computer Institute for Social Science Research.
- h. Reclassify a Graphics Arts Designer VIII to a Graphics Arts Specialist X position in the Instructional Media Center
- i. For the Business Office:
 - 1) Reclassify an Accounting Clerk III to a Key punch Operator V position.
 - 2) Reclassify an Accounting Clerk III to a Senior Accounting Clerk V position.
- j. Establish an Analyst AP-IV position in Dormitories and Food Services.
- k. Reclassify a Principal Clerk VI to an Office Assistant VII position in Stores
- l. For the Registrar:
 - 1) Reclassify a Senior Clerk IV to a Senior Departmental Secretary VII position.
 - 2) Reclassify a Senior Clerk-Stenographer V to a Senior Departmental Secretary VII position.

On motion by Mr. Nisbet, seconded by Mr. Merriman, it was voted to approve the recommendations from the Director of Personnel.

Miscellaneous, continued

Demolition of South Wing of Olds Hall and alterations to Rooms 1,4,7 approved

32. The following bids were opened on April 4 for the demolition of the South Wing of Olds Hall and Alterations to Rooms 1, 4, and 7:

Reniger Construction	\$74,875
Smith Engineers	78,693
Ackerman Construction	96,418
Britsch Construction	99,340
Miller-Davis Construction	105,000
Featherly Construction	121,500

It is recommended that a contract be awarded to the low bidder, the Reniger Construction Company in the amount of \$74,875.

Previous actions of the Trustees have provided \$52,000 for the demolition project and \$12,875 is included in the special alterations appropriations for Rooms 1, 4, and 7. It is recommended that an additional allocation of \$10 000 be approved for the demolition project.

Contract awarded for auxiliary chiller in Ice Arema

33. The following bids were opened on April 10 for the installation of an auxiliary chiller for the Ice Arena in Demonstration Hall:

Bosch Plumbing & Heating Co., Inc.	\$30,904
W. A. Brown Corporation	32,470
Lorne Company, Inc.	34,200
Shaw-Winkler, Inc.	35,353
Phoenix Sprinkler & Heating Company	36,502
Industrial Mechanical Contractors, Inc.	37,561
Robert Carter Corporation	37,700
United Piping & Erecting Co.	39,700

It is recommended that a contract be awarded to Bosch Plumbing & Heating Company, Inc., the low bidder, in the amount of \$30,904. Funds are available in Alterations and Improvements-Athletics account for this project.

On motion by Mr. Merriman, seconded by Mr. Stevens, it was voted to approve the allocations and to award the contracts to the low bidders as recommended in items 32 and 33.

Gifts and Grants

Gifts and Grants

1. Gift of seismograph equipment valued at \$23,500 from Chevron Oil Company of Houston, Texas, to be used for instruction and research in Geology.
2. Gift of a 1965 Ford truck valued at \$7,278 from Chevron Oil Company of Houston, Texas, to be used in Geology. This is a specialized truck for the field seismograph equipment.
3. Gift of a black Labrador Retriever female valued at \$350 from Mrs. B. W. Ziessow of Franklin to be used in Physiology as a brood bitch for the Labrador Retriever colony.
4. Gift of a videotape recorder valued at \$4,500 from Ampex Corporation of Redwood City, California, to be used in Television Broadcasting.
5. Grants as follows to be used for scholarship purposes:
 - a. \$750 from Alcoa Foundation of Pittsburgh for the establishment of a scholarship in Mechanical Engineering.
 - b. \$4,000 from City Bank and Trust Company of Jackson for scholarship assistance.
 - c. \$300 from Consumers Power Company of Lansing for a student who resides in an area of Michigan served by Consumers Power Company and to be granted on the basis of merit and financial need.
 - d. \$500 from The Deerfield State Bank of Deerfield to establish a scholarship to assist worthy Animal Husbandry Students.
 - e. \$500 from Douglas Aircraft Company of Santa Monica, California, to provide a scholarship for an outstanding and deserving senior majoring in aeronautical, electrical, or mechanical engineering.
 - f. \$3,850 from the Ellen B. Fox Trust Fund of Chicago for the W. R. Brown Engineering Scholarship fund.
 - g. Grants as follows to establish the Arthur Ingold Memorial Scholarship Fund to assist worthy Animal Husbandry students:
 - \$300 from Everett Roberts of Jonesville
 - \$100 from Mr. and Mrs. Walter I. Tuckerman and Family of Riga
 - \$100 from S. S. Neuroth of Blissfield
 - h. \$400 from the Minneapolis Star & Tribune Company of Minneapolis to provide a scholarship for an outstanding journalism student.
 - i. For previously established scholarships:
 - \$175 from the William Randolph Hearst Foundation of New York City for the A. A. Applegate Scholarship
 - \$15 from Mrs. William R. Gamble of Little Rock, Arkansas, for the E. Ross Gamble Memorial Scholarship Fund
 - \$62.50 from Dow Corning Corporation of Midland for the MSU Alumni Club of Midland Scholarship Fund

April 18, 1968

Gifts and Grants, continuedGifts and
Grants

5. Grants for scholarship purposes, continued

i. For previously established scholarships, continued

For the Program in Food Marketing Management:

\$1,500 from Gerber Baby Foods Fund of Fremont; \$1,000 for the student and \$500 for administration of the program

\$1,500 from Philip Morris Incorporated of New York City; \$1,000 for the student and \$500 for administration of the program

\$285 from Russell Wentworth of MSU for the MSU Faculty Fund

\$3,694 from the Michigan Higher Education Assistance Authority of Lansing

\$119,189 from the National Merit Scholarship Corporation of Evanston, Illinois

j. For specified students:

\$100 from Alta Supply Company of Lansing

\$400 from The American Legion of Detroit

\$1,000 from the Borden Chemical Company of Norfolk, Virginia

\$100 from Central High School of Detroit

\$1,786.93 from Firestone Tire & Rubber Company of Akron, Ohio

\$114.50 from General Motors Institute of Flint

\$250 from Georgia Pacific Foundation of Portland, Oregon

\$200 from Hastings Public Schools

\$125 from the William Randolph Hearst Foundation of New York City

\$501 from the Independent Slaughterers and Wholesalers of Detroit of Grosse Pointe Shores

\$668 from the International Brotherhood of Teamsters, Chauffeurs, Warehousemen & Helpers of America of Washington, D.C.

\$75 from Jefferson Schools of Monroe

\$230 from Tom Johnson of East Lansing

\$333.34 from the Kirsch Foundation of Sturgis

\$333.34 from the Lansing Symphony Association, Inc., of Lansing

\$230 from the Michigan State Women's Club of Kent County of Grand Rapids

\$1,500 from the National Association of Secondary School Principals of Washington, D.C.

\$1,068 from the National Merit Scholarship Corporation of Evanston, Illinois

\$390 from the MSU Alumni of Oakland County of Royal Oak

\$400 from Ocean City High School, New Jersey

\$400 from the Commonwealth of Pennsylvania of Harrisburg

\$300 from the University of Pennsylvania of Philadelphia

\$2,625 from the State of Rhode Island of Providence

\$100 from the Trustee of Frank Foster Skillman of Cincinnati, Ohio

\$609 from The Tiscornia Foundation, Inc., of St. Joseph

\$462 from Walker Manufacturing Company of Racine, Wisconsin

\$250 from Woman's National Farm and Garden Association of Union Lake

\$333.34 from the Worthing Scholarship Fund of Houston, Texas

6. Grants as follows to be used under the direction of G. S. McIntyre in the Cooperative Extension Service to cover part of expense of additional Extension agents in the respective counties:

\$6,500 from the Berrien County Board of Supervisors

\$6,500 from the Calhoun County Board of Supervisors

\$2,200 from the Clinton County Board of Supervisors

\$3,250 from the Kalamazoo County Board of Supervisors

\$5,550 from the Macomb County Board of Supervisors

\$5,687.51 from the Monroe County Board of Supervisors

\$4,000 from the Presque Isle County Board of Supervisors

7. Grants as follows to be used under the direction of Gordon L. Beckstrand in 4-H Youth Programs:

a. \$500 from an anonymous donor for National Junior Horticulture trip

b. \$200 from Eastman Kodak Company of Rochester, New York, for two trips to Club Congress

c. \$1,250 from Farmers & Manufacturers Sugar Beet Association of Saginaw for the annual 4-H and FFA Sugar Beet tour

d. From the 4-H Foundation of Michigan, Inc., of East Lansing:

1) \$1,200 for awards to certain counties for Natural Beauty and Conservation Programs

2) \$8,900 for Camp Kett Leader Training Workshops

3) \$2,883 for Dairy Foods Conference

4) \$2,000 for Clover Award

e. \$500 from Ingham County 4-H Clubs of Mason for an IFYE delegate

f. \$115 from the Michigan Association of Mutual Insurance Companies of East Lansing for a delegate to Club Congress

g. \$384.39 from the Michigan Milk Producers Association of Detroit for a Dairy Cattle Congress trip

h. From the National 4-H Service Committee, Inc., of Chicago:

1) \$170 for two Club Congress trips

2) \$165 for Board of Trade Grain Marketing Conference delegates

3) \$185 for a delegate to the Regional Tractor contest

i. \$1,270 from Sears Roebuck Foundation, Inc., of Skokie, Illinois to be used \$650 for State Council meetings, \$420 for the Great Lakes Recreation Laboratory, and \$200 for the Older Youth Assembly.

Gifts and
Grants

Gifts and Grants, continued

8. Grant of \$219,725 from the National Association of State Universities and Land-Grant Colleges of Washington, D.C., to be used under the direction of James T. Bonnen in Agricultural Economics to conduct a study of "The Role of the University in Public Affairs."
9. Grants as follows to be used under the direction of C. M. Hansen in Agricultural Engineering:
 - a. \$4,000 from FMC Corporation, John Bean Division of Lansing to determine all engineering parameters which are required to mechanize the harvest of strawberries.
 - b. \$3,000 from Mobil Oil Corporation of New York City to obtain information with respect to the performance, efficiency, and economy of orchard frost control equipment.
10. Grant of \$125,000 from the Agency for International Development to be used under the direction of B. A. Stout in Agricultural Engineering to study agricultural mechanization in several African countries.
11. Grants as follows from the National Institutes of Health of Bethesda, Maryland to be used in Biochemistry:
 - a. \$35,125 under the direction of W. C. Deal, Jr., for research entitled "Structure and Function of Some Glycolytic Enzymes."
 - b. \$9,500 under the direction of R. G. Hansen for two fellowships
 - c. \$24,710 under the direction of C. H. Suelter for research entitled "Aspects of Enzyme Catalysis."
 - d. \$1,000 under the direction of W. A. Wood for a fellowship.
12. Grant of \$32,100 from the National Science Foundation to be used under the direction of John Eric Wilson in Biochemistry for the support of research entitled "Active Site of Disulfide Reductases."
13. Grant of \$5,500 from the Michigan Turfgrass Foundation of East Lansing to be used under the direction of James B. Beard in Crop Science for research in turfgrass.
14. Grants as follows to be used under the direction of W. F. Meggitt in Crop Science:
 - a. \$1,000 from the Farmers & Manufacturers Beet Sugar Association of Saginaw to study the effects of environmental factors on the phytotoxicity of herbicides used in sugar beets.
 - b. \$500 from Velsicol Chemical Corporation of Chicago to evaluate experimental herbicides for weed control in corn and soybeans.
15. Grants as follows to be used under the direction of C. L. Bedford in Food Science:
 - a. \$2,000 from Curtice-Burns, Inc., of Rochester, New York to explore the possibility of developing new canning formulas for canned green beans.
 - b. \$1,000 from the National Red Cherry Institute of East Lansing to investigate quality standards for the cherry content in cherry pies made from fresh, canned, or frozen red tart cherries.
16. Grant of \$2,425 from the Michigan Department of Education of Lansing to be used under the direction of B. S. Schweigert in Food Science to purchase equipment for the two-year technical training program in food processing.
17. Grant of \$1,000 from the Ford Motor Company of Baroda to be used under the direction of C. M. Stine in Food Science to support research work in dairy produce development.
18. Grant of \$5,380 from Armour and Company of Chicago to be used under the direction of W. M. Urbain in Food Science to study microwave processing of foods.
19. Grant of \$376 from the Lutz Memorial of Hyattsville, Maryland, to be used under the direction of D. H. Dewey in Horticulture to provide a collection of reference books for the use of students of postharvest physiology in memory of Jacob M. Lutz.
20. Transfer of title from the National Science Foundation to the University of a 6 cubic foot refrigerator for use on the research project entitled "Protein Synthesis and Senescence in Pome Fruits" under the direction of David R. Dilley in Horticulture.
21. Grants as follows to be used under the direction of A. E. Mitchell in Horticulture:
 - a. \$2,600 from the Michigan State Horticultural Society of East Lansing to employ a half-time stenographer.
 - b. \$1,500 from Mobil Oil Corporation of New York City to coordinate orchard heating using "tree-heat" with ambient air temperature and such factors as fruit set, seed content fruit shape, and yield.
22. Grant of \$1,000 from the Monsanto Company of St. Louis, Missouri, to be used under the direction of A. R. Putnam in Horticulture for herbicide research.

NEW BUSINESS, continued

April 18, 1968

Gifts and Grants, continued

Gifts and
Grants

23. Grants as follows to be used under the direction of S. K. Ries in Horticulture to determine the mode of action of Pyrazon:
 - a. \$1,500 from Amchem Products, Inc., of Ambler, Pennsylvania
 - b. \$1,500 from BASF Corporation of New York City
24. Grant of \$1,020 from the Michigan Department of Education of Lansing to be used under the direction of R. L. Cook in Soil Science for the purchase of equipment for the two-year technical training program.
25. Grant of \$800 from the Michigan Agricultural Ammonia Association of East Lansing to be used under the direction of L. S. Robertson, H. D. Foth, J. F. Davis, and A. R. Wolcott in Soil Science to compare the effectiveness of various nitrogen fertilizers, including anhydrous ammonia.
26. Grant of \$290 from The Ford Motor Company Fund of Dearborn to be used under the direction of A. L. Seelye in the Graduate School of Business Administration for research.
27. Grant of \$25,000 from the American Institute of Imported Steel of New York City to be used under the direction of Walter Adams in Economics to promote study and research in the Program on Industrial Structures and the Atlantic Community.
28. Grants as follows to be used under the direction of H. O. Barbour in Hotel, Restaurant, and Institutional Management:
 - a. \$400 from the Michigan Foundation for Hospitality of East Lansing for research of new teaching methods for the hospitality field, and for travel to foreign countries and United States possessions.
 - b. For projects in education, research, student affairs, travel outside the United States and its possessions, etc.:
 - 1) \$1,000 from Automatic Retailers of America, Inc., of Philadelphia
 - 2) \$500 from Brown Derby, Inc., of Bedford, Ohio
 - 3) \$1,250 from Club Managers Association of America of Washington, D.C.
 - 4) \$300 from the John R. Thompson Company of Chicago.
29. Grant of \$1,500 from the Agency for International Development to be used under the direction of Charles C. Slater in the Institute of International Business Management Studies for travel costs to Colombia and return and between Bogota and Cali in Colombia.
30. Grants as follows to be used under the direction of Harry M. Trebing in the Institute of Public Utilities to support the activities of the Institute:

\$3,500 from Columbia Gas System Service Corporation of New York City
 \$3,500 from Consolidated Natural Gas Service Company of Pittsburgh
 \$3,500 from General Telephone & Electronics Corporation of New York City
 \$2,500 from Long Island Lighting Company of Hicksville, New York
 \$630 from Monongahela Power Company of Fairmont, West Virginia
 \$3,500 from the Natural Gas Pipeline Company of America of Chicago
 \$2,500 from Northern Illinois Gas Company of Aurora, Illinois
 \$3,500 from Pacific Gas and Electric Company of San Francisco
 \$2,500 from Panhandle Eastern Pipe Line Company of Houston, Texas
 \$540 from The Potomac Edison Company of Hagerstown, Maryland
 \$3,500 from Southern California Edison Company of Los Angeles
 \$1,330 from West Penn Power Company of Greensburg, Pennsylvania
31. Grant of \$500 from the Educational Subscription Service of Lansing to be used under the direction of T. A. Staudt in Marketing and Transportation Administration to support the development of the marketing program and faculty.
32. Grant of \$1,200 from the Jewel Foundation of Chicago, Illinois, to be used under the direction of B. J. La Londe in Marketing and Transportation Administration for the administration of the Food Marketing Program.
33. Grant of \$254,340 from the Agency for International Development to be used under the direction of E. M. Rogers in Communication to produce knowledge concerning the diffusion of innovation in rural societies.
34. Grants as follows to be used under the direction of E. C. Reynolds in Speech and Theatre:
 - a. \$2,500 from The Sam Shubert Foundation of New York City to encourage playwrights at major educational institutions.
 - b. \$7,000 from The Jack Wolfram Foundation of Detroit to support a program for a combined children's, young adult, and adult repertory theater and workshop for the summer of 1968.
35. Grant of \$42,653 from the Department of Health, Education, and Welfare to be used under the direction of Harold Byram in Secondary Education and Curriculum for a 5-state tryout and demonstration program to determine the generalizability of an evaluation system for local programs of vocational and technical education.

Gifts and
GrantsGifts and Grants, continued

36. Grant of \$15,000 from the National Science Foundation to be used under the direction of Bong Ho in Electrical Engineering for "Research Initiation-High Power-Low Noise Amplification and Generation of Microwave and Millimeter-Wave Signals."
37. Grant of \$17,914 from the Aberdeen Proving Ground of the Army to be used under the direction of W. N. Sharpe, Jr., in Engineering Research for an experimental investigation for measuring strain by an interferometric strain gage technique.
38. Grant of \$144,206 from the Office of Economic Opportunity to be used under the direction of R. P. Boger in Home Management and Child Development for a continuation of the Head Start Evaluation and Research Center.
39. Grants as follows to be used under the direction of Dean Hunt in Human Medicine:
 - a. \$150 from Minnesota Mutual Life Insurance Company for support of the Student American Medical Association Regional Convention
 - b. \$64,000 from the National Institutes of Health for basic improvement
40. Grant of \$41,423 from the National Institutes of Health to be used under the direction of Peter O. Ways in Medicine for research in the lipid structure and metabolism of the membranes of normal and abnormal red blood cells.
41. Grant of \$2,000 from the Chevron Chemical Company of Moorestown, New Jersey, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of certain fungicides against apple scab and leaf spot.
42. Grant of \$600 from Diamond Alkali Company of Cleveland, Ohio, to be used under the direction of D. J. deZeeuw in Botany and Plant Pathology for a summer fellowship.
43. Grants as follows from E. I. du Pont de Nemours & Company of Wilmington, Delaware, to be used in Botany and Plant Pathology:
 - a. \$300 under the direction of D. J. deZeeuw for a graduate research assistant
 - b. \$1,500 under the direction of E. J. Klos to study activity of certain fungicides against major ascomycete fruit disease organisms.
44. Grant of \$500 from the Mint Industry Research Council of Kalamazoo to be used under the direction of M. L. Lacy in Botany and Plant Pathology to investigate methods of control of Verticillium wilt of mint.
45. Grant of \$1,000 from the Monsanto Company of St. Louis, Missouri, to be used under the direction of A. I. Popov in Chemistry for the Chemistry Department.
46. Grant of \$44,900 from the National Science Foundation to be used under the direction of R. H. Schwendeman in Chemistry for research entitled "Internal Torsion by Microwave Spectroscopy."
47. Grants as follows from the Alfred P. Sloan Foundation of New York City to be used under the direction of Peter J. Wagner in Chemistry:
 - a. \$8,700 for equipment
 - b. \$8,050 for general research
48. Grant of \$5,842 from the Michigan Department of Health of Lansing to be used under the direction of Roger Hoopingarner in Entomology for community studies on pesticides.
49. Grants as follows to be used under the direction of Angus Howitt in Entomology:
 - a. \$1,000 from Dow Chemical Company of Midland for an evaluation of miticides
 - b. \$2,000 from Hercules Agricultural Chemicals Laboratory of Wilmington, Delaware, for an evaluation of insecticides and miticides.
 - c. \$2,700 from Morton Chemical Company of Woodstock, Illinois, for an evaluation of insecticides for use on tree fruits.
50. Grant of \$200 from Morton Chemical Company to be used under the direction of Gordon Guyer in Entomology for an evaluation of insecticides on vegetables.
51. Grants as follows to be used under the direction of W. J. Hinze in Geology:
 - a. \$1,100 from Kalamazoo City Utilities for groundwater geophysics studies in the Kalamazoo area.
 - b. \$250 from the Muskegon Development Company for an aeromagnetic survey of the Southern Peninsula of Michigan.
52. Grant of \$29,418 from the Atomic Energy Commission of Washington to be used under the direction of G. L. Pollack in Physics to study properties of the rare-gas solids, especially thermodynamic properties, and also to study surface physics and liquid helium physics.

April 18, 1968

Gifts and Grants, continuedGifts and
Grants

53. Grants as follows from the National Science Foundation to be used in Physics:
 - a. \$57,800 for research entitled "Nuclear Spin Lattice Relaxation as a Probe of Magnetic Interactions" under the direction of Jerry A. Cowen
 - b. \$104,600 for a project entitled "Theoretical Studies of Electronic Processes in Solids" under the direction of Truman O. Woodruff and Michael J. Harrison.
 - c. Transfer of title of one furnace laboratory for use on the research project entitled "Electronic Properties of Metals and Alloys" under the direction of Frank J. Blatt, Meyer Garber, and Peter A. Schroeder.
54. Grants as follows from the National Institutes of Health to be used in Zoology:
 - a. \$114,260 under the direction of James C. Braddock for training of predoctoral and postdoctoral trainees as research workers in animal behavior.
 - b. \$1,546 under the direction of C. S. Thornton for a fellowship.
55. Grant of \$1,513.40 from The University of North Carolina at Chapel Hill to be used under the direction of T. M. Hennessey in Political Science for research entitled "The Political Socialization of Youth: The Case of Ireland and Italy."
56. Grants as follows from the National Institutes of Health to be used in Psychology:
 - a. \$28,988 under the direction of S. Howard Bartley to investigate the effects of stimulus intermittency on color perception.
 - b. \$20,310 under the direction of David C. Raskin for studies of reflex patterns in normals and schizophrenics.
57. Grant of \$450 from the Michigan Council for Geographic Education to be used under the direction of C. W. Minkel in the Social Science Research Bureau to publish the Council's journal, The Peninsular.
58. Grant of \$12,000 from the Office of Civil Defense of Washington, D.C. to be used under the direction of Myles Boylan in Urban Planning and Landscape Architecture to provide fellowship support for two graduate students.
59. Grant of \$2,948 from the National Institutes of Health to be used under the direction of L. R. Krupka in Natural Science to determine the effect of various microbial enzymes in detoxifying the salicylate molecule.
60. Grants as follows to be used under the direction of Dean Armistead in Veterinary Medicine:
 - a. \$10 from the Thumb Veterinary Medical Association of Harbor Beach to purchase a book in the name and memory of Dr. Gardner Eversole.
 - b. \$75 from Arnold F. Hentschl of Harbor Beach to be used at the discretion of the Dean.
 - c. \$1,500 from The Quaker Oats Company of Chicago to underwrite the cost of the Honors Convocation Banquet.
61. Grant of \$9,354 from the Michigan Heart Association of Detroit to be used under the direction of R. E. Carrow in Anatomy for research entitled "Anatomy of the Sinus Node and Pulmonary Veins of Primates."
62. Grants as follows to be used under the direction of Virginia H. Mallman in Microbiology and Public Health:
 - a. \$9,944 from the American Thoracic Society to determine the relative specificity of tuberculo-sensitivity.
 - b. \$15,559 from the Michigan TB and Respiratory Disease Association to study the immuno-specificity of eluates from disc electrophoresis bands of mycobacterial components.
63. Grants as follows to be used under the direction of T. M. Brody in Pharmacology:
 - a. \$9,000 from the Michigan Heart Association of Detroit for research entitled "Catecholamine-Thyroid Hormone Interaction in the Rat Heart."
 - b. \$48,114 from the National Institutes of Health for a training grant.
 - c. \$5,000 unrestricted gift from Union Carbide Corporation of New York City.
64. Grant of \$27,272 from the American Medical Association of Chicago to be used under the direction of G. L. Gebber in Pharmacology for research on the neurogenic basis for the alterations in cardiovascular function accompanying the prolonged administration of nicotine.
65. Grant of \$7,300 from the Michigan Heart Association of Detroit to be used under the direction of Jerry B. Hook in Pharmacology to study the effect of several saluretic-diuretic agents on renal Na-K-Activated ATPase and Renal hemodynamics.
66. Grant of \$1,000 from the National Institutes of Health to be used under the direction of K. E. Moore in Pharmacology for a fellowship allowance.

Gifts and
GrantsGifts and Grants, continued

67. Grants as follows from the Michigan Heart Association of Detroit to be used in Physiology:
 - a. \$8,600 under the direction of F. J. Haddy for research entitled "The Mechanism of Coronary Vasodilation Caused by Adrenergic Stimulation."
 - b. \$7,500 under the direction of Henry Overbeck for research entitled "Vascular Responses in Experimental Hypertension."
68. Grant of \$5,000 from the Michigan Heart Association to be used under the direction of G. E. Eyster in Veterinary Surgery and Medicine for studies of high incidence congenital heart disease in inbred cattle.
69. Grant of \$10,870 from the McClure Oil Company of Alma to be used under the direction of C. E. Prouty in Geology to support the geophysics program of that department for a summer term.
70. Grant of \$1,000 from the Farm Foundation of Chicago to be used under the direction of A. L. Hunter in Continuing Education for the Town & Country Church Leadership School to be held in July 1968.
71. Grant of \$46,678 from the Michigan State Police of East Lansing to be used under the direction of W. E. Barber in the Highway Traffic Safety Center to train at least 750 state, county, and municipal police as Breathalyzer operators.
72. Grant of \$200,000 from the United States Office of Education to be used under the direction of E. E. Miller in the Instructional Media Center for the academic year institute to develop faculty leadership for improved use of newer media in undergraduate instruction.
73. Grant of \$47,241 from the University of California and the United States Office of Education to be used under the direction of John Barson in the Instructional Media Center to conduct a special short-term educational media NDEA institute for Title IX institute directors.
74. Grant of \$600 from the Conservation Department-Mackinac Island Park Commission of Mackinaw City to be used under the direction of C. E. Cleland in the Museum for laboratory research on glass excavated at Fort Michilimackinac.
75. Grants as follows to be used in International Programs:
 - a. \$549,000 from the Agency for International Development for the Institute of International Studies in Education to assist the government of Thailand to develop its educational system so as to enable the country better to achieve its economic and social goals.
 - b. \$330,000 under the direction of Glenn L. Johnson in Agricultural Economics to conduct research on the problems of Nigerian rural development in agriculture under a consortium consisting of Colorado State University, Kansas State University, University of Wisconsin, and Michigan State University.
 - c. From the Midwest Universities Consortium for International Activities:
 - 1) \$7,770 to finance overseas research by Professor John Useem on the Scientific Community in the Developing Societies. Professor Useem will do research in India.
 - 2) \$5,350 to finance research in Lima, Peru, by Professor W. Paul Strassmann on "Construction Productivity and Innovation in Latin America.
 - 3) \$13,600 to finance research by Professor Victor Smith on "A Linear Programming Model for the Study of the Problem of Livestock/Human Nutrition Balance in Nigeria."
76. Grant of \$10,000 from the William and Sarah E. Hinman Endowment Fund Corporation of Lansing to be used under the direction of Vice President Sabine for additional awards in the Hinman Scholarship program.
77. Grant of \$500 from Howard Stoddard, Sr., of East Lansing to be used to provide transportation for four Negro students to attend the funeral of Martin Luther King, Jr., in Atlanta, Georgia, on April 9, 1968. Mr. Stoddard has requested that his name be withheld on this gift.
78. Grant of \$1,300 from Babcock & Wilcox of New York City to be credited to the John A. Hannah Professorships and to be used for a professor in the physical or applied sciences. This grant is part of their Aid-to-Education Program.
79. Grants as follows to the MSU Development Fund:
 - a. \$1,000 from Mr. and Mrs. Lee Busch of Rombergweg, Germany, for the MSU Development Fund
 - b. 400 shares of Food Machinery and Chemical Corporation common stock valued at \$14,000 from Mr. and Mrs. Ernest Hart of Medina, New York, to be credited to the Mr. and Mrs. Ernest Hart Fund, Account 31-1220.
 - c. \$100 from Leo A. Haak for the Social Science Research Fund.
 - d. \$590 from friends of Terrill D. Stevens to establish the Terrill D. Stevens Memorial Scholarship Endowment Fund.

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

NEW BUSINESS, continued

April 18, 1968

Reports for Board Members

1. The following alteration and improvement items have been approved since the March meeting of the Trustees and charged to Alterations and Improvements 1967-68, account 11-5173:

a. Install 2 electrical floor outlets in the Placement Bureau Lobby	\$ 335
b. Repair carillon to improve sound of the bells in the higher register	50
c. Install water coolers in the Biology Research Center	1,100
d. Install water cooler in the lobby of the Television Studio	600
e. Install water coolers in Home Economics	1,650
f. Install case-type bulletin board in auditorium lobby of the Veterinary Clinic Building	225
g. Install 22 duplex outlets in Rooms 40 and 41, Natural Science	1,600
h. Alterations to Rooms 134, 140A, and 142, Student Services for office space	255
i. New lighting panels in the Instructional Media Center to correct an electrical safety hazard	2,400
j. Alterations to perchloric acid hood, Room 202, Anthony Hall	1,755.82
	\$9,970.82
2. Additional payments to salaried employees since the March Trustees' meeting as per list on file.

App. alterations
and improvements
itemsOAKLAND UNIVERSITYOakland
University
LeavesLeaves -- Other

1. Saghar Ahmad, Assistant Professor of Sociology and Anthropology, without pay, from August 15, 1968 through August 14, 1969, to fulfill foreign residency

Appointments

Appointments

1. Virginia B. Morrison, Associate Professor of Education, at a salary of \$14,000 per year on a 10-month basis, effective August 15, 1968.

Salary Changes

Salary Changes

1. Increase in salary for Frederick W. Obear, Associate Professor of Chemistry and Assistant Provost, to \$16,000 per year on a 12-month basis, effective June 1, 1968.
2. Increase in salary for Thomas H. Atkinson, Registrar AP-VIII, Registrar's Office, to \$15,000 per year on a 12-month basis, effective May 1, 1968.

Miscellaneous

Miscellaneous

1. Recommendations as follows from the Director of Personnel:
 - a. Reclassify 2 Senior Library Clerk VI to Intermediate Assistant V positions in the Kresge Library.
 - b. Reclassify a Departmental Secretary V to an Office Assistant VIII position in Student Affairs.
 - c. Establish an Electronics Technician XI position in Engineering.

Personnel
recommendationsGifts and GrantsGifts and
Grants

1. Grants as follows to be used for scholarship or loan purposes:
 - a. \$150 from the Lathrup Village Woman's Club for the Lathrup Village Woman's Club Loan Fund.
 - b. For Chancellor's Club, account 32-3929:
 - \$1,000 from Dr. and Mrs. A. R. Larson of Bloomfield Hills
 - \$1,000 from Mr. and Mrs. H. M. Pryale of Bloomfield Hills
2. Grant of \$33,193 from the Department of Health, Education, and Welfare to be used under the direction of Harold Cafone in Education for an advanced study program in reading.
3. Grant of \$20,707 from the Royal Oak City Schools to be used under the direction of Harry Hahn in Education for a reading and study improvement program.
4. Grant of \$15,000 from the National Science Foundation to be used under the direction of G. A. Jackson in Engineering for research entitled "Research Initiation - Human Operators Controlling Compensatory Systems."
5. Grant of \$700 from GMC Truck & Coach Division of Pontiac to be used under the direction of W. Royce Butler in Continuing Education for educational services including the development and purchase of materials to be used in the Book Reading Program.
6. Grant of \$7000 from the Harlan Foundation of Southfield to be used \$5,000 under the direction of John Fernald in support of the Meadow Brook Theater and \$2,000 in support of Project 20 under the direction of Thomas B. Dutton, Dean of Students.

Gifts and Grants, continued

7. Grant of \$2,500 from the Ford Motor Company of Dearborn to be used under the direction of John Fernald in support of the John Fernald Company of the Meadow Brook Theater.
8. Grants as follows to be used under the direction of Chancellor Varner in support of the Meadow Brook Music Festival:

\$150 from ABEX Corporation of Troy
 \$100 from Mr. and Mrs. J. D. Adair of Warren
 \$100 from Addressograph Multigraph Corporation of Detroit
 \$100 from Admiral Coated Products, Inc., of Detroit
 \$500 from Allen Industries Foundation, Inc., of Detroit
 \$100 from Sidney J. Allen Memorial Fund of Temple Beth El of Detroit
 \$200 from Allied Supermarkets, Inc., of Detroit
 \$100 from Aluminum Company of America of Detroit
 \$100 from American Airlines, Inc. of Inkster
 \$100 from AMT Corporation of Troy
 \$200 from Anchor Motor Freight, Inc., of Warren
 \$100 from F. W. Bankerd of Detroit
 \$100 from Mr. and Mrs. B. W. Bogan of Birmingham
 \$100 from Braun Engineering Company of Detroit
 \$500 from D. P. Brother & Company of Detroit
 \$1,000 from The Budd Company of Detroit
 \$500 from Bundy Foundation of Detroit
 \$2,500 from Burroughs Corporation of Detroit
 \$100 from Burton-Share, Inc., of Huntington Woods
 \$1,000 from The Campbell-Ewald Foundation of Detroit
 \$200 from Celanese Coatings Company of Hamtramck
 \$100 from Mr. and Mrs. A. N. Cole of Franklin
 \$100 from Commercial Steel Treating Corporation of Detroit
 \$100 from Complete Auto Transit, Inc., of Detroit
 \$2,500 from Consumers Power Company of Pontiac
 \$100 from Copper and Brass Sales, Inc., of Detroit
 \$50 from Mr. and Mrs. Paul Corrigan of Dearborn Heights
 \$50 from Mr. and Mrs. J. M. Cudlip of Grosse Pointe Farms
 \$100 from DABCO Foundation, Inc., of Detroit
 \$100 from Carl J. Demrick of Detroit
 \$100 from Mrs. Albert H. DeSalle of Birmingham
 \$100 from Detroit Ball Bearing Company of Detroit
 \$50 from Detroit Steel Products of Detroit
 \$350 from The Charles B. DeVlieg Foundation of Royal Oak
 \$100 from Mr. and Mrs. John J. Dooley of Birmingham
 \$100 from Douglas & Lomason Company of Detroit
 \$250 from The Dow Chemical Company of Detroit
 \$100 from DuPont Finishes Division of Detroit
 \$100 from Sidney Dworkin of Southfield
 \$100 from The Eagle-Picher Foundation of River Rouge
 \$150 from Mr. and Mrs. H. J. Eichenhofer of Trenton
 \$250 from Ernst & Ernst of Detroit
 \$100 from Evans Products Company of Plymouth
 \$1,000 from Federal-Mogul Corporation of Detroit
 \$350 from The Firestone Tire & Rubber Company of Allen Park
 \$250 from the First Federal Savings of Detroit
 \$100 from Fisher-New Center Company of Detroit
 \$100 from John A. Ford of Detroit
 \$100 from Ford & Earl Design Associates, Inc., of Warren
 \$10,000 from the Ford Motor Company Fund of Dearborn
 \$25 from Gage Products Company of Ferndale
 \$100 from The General Tire & Rubber Company of Southfield
 \$300 from The B. F. Goodrich Fund, Inc., of Allen Park
 \$350 from The Goodyear Tire & Rubber Company of Detroit
 \$100 from Mr. and Mrs. Erwin H. Graham of Grosse Pointe Shores
 \$100 from the Grand Trunk Western Railroad of Detroit
 \$1,000 from the Great Lakes Steel Corporation of Detroit
 \$250 from Hawthorne Metal Products Company of Royal Oak
 \$1,500 from The J. L. Hudson Company of Detroit
 \$200 from Inter-City Trucking Service, Inc., of Detroit
 \$100 from International Business Machines Corporation of Detroit
 \$200 from Janesville Auto Transport Company of Janesville, Wisconsin
 \$350 from Jones & Laughlin Steel Corporation of Detroit
 \$100 from Mr. and Mrs. John P. Kavooras of Birmingham
 \$500 from Kelsey-Hayes Company of Romulus
 \$25 from Mr. and Mrs. Joseph F. Kerigan of Birmingham
 \$100 from Knorr Broadcasting Foundation of Dearborn
 \$200 from Koppers Company, Inc., of Detroit
 \$100 from Mr. and Mrs. Samuel J. Lang of Bloomfield Hills
 \$25 from Lear Jet Industries of Detroit
 \$500 from Lear Siegler, Inc., of Detroit
 \$100 from Long Transportation of Detroit
 \$100 from Mr. and Mrs. H. John Lowry of Detroit
 \$100 from Mr. and Mrs. William V. Luneburg of Ann Arbor
 \$250 from The E. F. MacDonald Company of Detroit
 \$50 from Mr. and Mrs. W. D. MacDonnell of Birmingham

Gifts and Grants, continued

8. For Meadow Brook Music Festival, continued

\$250 from Mac Manus, John & Adams, Inc., of Bloomfield Hills
 \$100 from Madison Electric Company of Detroit
 \$100 from Mr. and Mrs. Edward Mardigian of Warren
 \$300 from Massey-Ferguson, Inc., of Detroit
 \$100 from McCann-Erickson, Inc., of Detroit
 \$31.50 from Mr. and Mrs. Francis C. McMath of Birmingham
 \$500 from Michigan Screw Products Company of Centerline
 \$350 from Mr. and Mrs. Marshall M. Miller of Huntington Woods
 \$50 from Mobil Oil Company of Southfield
 \$250 from Modern Engineering Service Company of Berkley
 \$100 from Thomas John Moroun of Grosse Pointe Park
 \$100 from Mr. and Mrs. T. F. Morrow of Grosse Pointe Farms
 \$2,500 from the National Bank of Detroit
 \$100 from Mr. and Mrs. Donald D. O'Dowd of Rochester
 \$250 from Mr. and Mrs. Oscar L. Olson of Grosse Pointe Shores
 \$100 from Norfolk & Western Railway Company of Detroit
 \$200 from Mr. and Mrs. W. M. Packer, Jr., of Bloomfield Hills
 \$500 from Parke, Davis & Company of Detroit
 \$50 from the Pennsylvania New York Central Transportation Company of Detroit
 \$100 from Mr. and Mrs. William G. Peoples of San Francisco, California
 \$50 from Mr. and Mrs. Edward H. Perkins, Jr., of Bloomfield Hills
 \$100 from Pittsburgh Plate Glass Industries of Southfield
 \$250 from Reynolds Metals Company of Richmond, Virginia
 \$200 from Mr. and Mrs. G. F. Richards of Bloomfield Hills
 \$200 from Mr. and Mrs. Fred G. Richardson, Sr. of Bloomfield Hills
 \$500 from Rockwell-Standard Corporation of Detroit
 \$100 from Mr. and Mrs. Arthur W. Sackrison of Bloomfield Hills
 \$100 from an anonymous donor
 \$100 from Sears, Roebuck & Company of Troy
 \$100 from Mr. and Mrs. Walter J. Simons of Birmingham
 \$50 from the Snyder Corporation of Detroit
 \$25 from Mr. and Mrs. Richard Strickland of Birmingham
 \$200 from Ternes Steel Company of Roseville
 \$100 from Touche Ross, Bailey & Smart of Detroit
 \$400 from TRW, Inc., Michigan Division, of Warren
 \$50 from Mr. and Mrs. Robert K. Tucker of Birmingham
 \$100 from Mr. and Mrs. David C. Turner of Detroit
 \$50 from Mr. and Mrs. Robert Vander Kloot of Bloomfield Hills
 \$100 from Mr. and Mrs. Harold G. Warner of Bloomfield Hills
 \$50 from Mr. and Mrs. Robert J. Wilson of Leesburgh, Virginia
 \$250 from Young & Rubicam, Inc., of Detroit

Reports for Board Members

1. The following alteration and improvement item was approved and charged to Alterations and Improvements, account 91-9163:

Sewer and water installed from Music House to Student Theater \$1,194.25

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

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

The next meeting of the Board will be held at Kellogg Center on May 15 and 16, 1968.

Adjourned at 11:45 a.m.

App. Alteration
and Improvement
item

John A. Farnah

President

Jack B. Burt

Secretary