

MINUTES OF THE MEETING  
of the  
FINANCE COMMITTEE  
January 21, 1965

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

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

Absent: No one

The President welcomed Mr. Frank Hartman from Flint and Mr. Clair White from Bay City, as new members of the Board, elected at the November 1964 election, replacing Messrs. Bagwell and Pingel.

Investment  
recommenda-  
tions

1. Scudder, Stevens and Clark and Mr. Earl Cress recommend the following investment items:

Retirement Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>
Recommend exchanging:				
\$300,000	U. S. Treasury 3 3/4s-8-15-67	99	\$297,000	\$11,250
for:				
\$300,000	U. S. Treasury 4 1/8s-2-15-75	100	300,000	12,375

Jenison Fund

Recommend exchanging:				
\$40,000	U. S. Treasury 3 5/8s-2-15-66	100	40,000	1,450
for:				
\$40,000	U. S. Treasury 4 1/8s-2-15-74	100	40,000	1,650

Albert H. and Sarah A. Case Fund

Recommend exchanging:				
\$14,000	U. S. Treasury 3 5/8s-2-15-66	100	14,000	507
for				
\$14,000	U. S. Treasury 4 1/8s-2-15-74	100	14,000	577

On motion by Mr. Nisbet, seconded by Mr. Stevens, it was voted to approve Item 1.

Securities  
from Mr. and  
Mrs. Ivan  
Wright

2. During the month of December, Mr. and Mrs. Ivan Wright gave the following securities to Michigan State University subject to their receiving the income for life under the trust agreement dated December 7, 1959:

<u>Company</u>	<u>Date of Gift</u>	<u>No. of Shares</u>	<u>Price per Share</u>	<u>Value</u>
Selected American Shares, Inc.	November 4	377	\$11.99	\$ 4,520.23
Tranter Manufacturing	December 11	100	10.50	1,050.00
Larchfield Corporation	December 11	266	11.25	2,992.50
Commercial Shearing and Stamping	December 11	100	27.50	2,750.00
American Cement	December 11	170	11.75	1,997.50
Continental Oil	December 11	3	72.25	216.75
Gulf Oil Company	December 11	1	59.50	59.50
Merritt Chapman Scot	December 11	100	18.375	1,837.50
Royal Dutch Petroleum	December 14	2	44.50	89.00
Penn Controls, Inc	December 14	100	24.00	2,400.00
Midwest Oil	December 15	13	73.25	952.25
Penn Controls, Inc.	December 15	100	23.75	2,375.00
Elk Horn Coal Corporation	December 16	100	21.00	2,100.00
Aztec Oil and Gas Company	December 17	183	21.375	3,911.63
King Seeley	December 23	200	32.125	6,425.00
Ohio Edison Company	December 23	66	59.00	3,894.00
Hartford Steam Boiler	December 23	17	161.00	2,737.00
				<u>\$40,307.86</u>

At the May 18, 1960 meeting of the Board of Trustees, Connor Smith, Warren Huff, and C. Allen Harlan were appointed as a committee to act for the Board in authorizing the President and the Vice President for Business and Finance to execute stock powers for the sale of securities. All such sales were to be reported at the next meeting of the Board. Accordingly, we should report the sale of all of the securities listed above except the 377 shares of Selected American Shares, Inc., which will be sold for the account of Mr. Wright.

3. Routine purchases of stock for the Wright account:

3. Routine purchases of stock for the Wright account:

Shares	Company	Approx. Price	Div.	Approx. Yield	Ext. 1964 Earn.	Est. 1965 Earn.	Invest- ment
100	Sinclair Oil Co.	58	2.00	3.4%	3.75	4.00	\$5,800
100	Consumers Power Co.	55	1.70	3.0%	2.35	2.50	5,500
200	Allegheny Power Co.	28½	1.06	3.8%	1.40	1.50	5,700
100	Detroit Edison Co.	36	1.30	3.4%	1.75	1.85	3,600
50	Consolidated Edison, N.Y.	96	3.30	3.6%	4.50	4.70	4,800
							\$25,400

Purchases of stock for Ivan Wright account

On motion by Mr. Merriman, seconded by Dr. Smith, it was voted to approve Items 2 and 3.

4. Communication from Mr. May:

At the present time part of the Harry A. Fee Trust, managed by the Detroit Bank & Trust Company, is invested in one of its own mutual-type funds consisting entirely of tax-exempt bonds. Mr. Goulet, the trust officers, has suggested that these funds, amounting to approximately \$144,000 plus \$6,000 which will be received from maturing U. S. Treasury Bonds, be transferred from its Trust Fund 3 (tax exempts) to Trust Fund 2 consisting of corporate bonds.

Fee funds transferred from Trust Fund 3 to Trust Fund 2

The reason for the suggested change in investment is due to the fact that when Miss Jessie Fee was the recipient of the income, it was quite advantageous for her to have tax exempt income. Now that she has renounced her right to receive the income, the tax-exempt feature is no longer important. By making the change we can increase our rate of income on the funds from approximately 3.3% to 4.6%.

On motion by Mr. Nisbet, seconded by Mr. Stevens, it was voted to approve Item 4.

5. Report from Mr. May and Mr. Neville on fund transfers within the budget, for the period from December 12, 1964, to January 14, 1965:

Report on fund transfers within the budget

	Number of Transfers	Amount
Educational Development Program	14	\$36,734
Undergraduate Special Instruction	5	14,323
Provost Special Instruction	2	9,522
College of Arts and Letters	1	2,000
College of Human Medicine	2	51,000
College of Social Science	1	3,000
Miscellaneous	1	2,500
	26	\$119,079

6. In planning the pesticide building, it is hoped that we may be able to obtain substantial grants from agencies of the federal government toward the cost of construction of this building. It is necessary that we have preliminary drawings and designs. It is recommended that the Board authorize the employment of Louis Kingscott and Associates of Kalamazoo as the architects for this building.

Kingscott Associates to prepare plans for Pesticide Building

On motion by Mr. Merriman, seconded by Dr. Smith, it was voted to approve Item 6.

7. Bids were taken on December 14 by the State Building Department on the switchgear for the new power plant, as follows:

Approval awarding Power Plant contracts for switchgear

I-T-E Circuit Breaker Company	\$644,218
General Electric Company	685,266
Westinghouse Electric Corporation	709,122

The Department of Administration would have awarded the contract to the General Electric Company inasmuch as the I-T-E Circuit Breaker Company failed to comply with the specifications and bid on the basis of a completion date calling for 50 days beyond the completion date specified.

After discussion, on motion by Mr. Merriman, seconded by Mr. Stevens, it was voted to award the contract to the General Electric Company.

8. Dean Jeanette Lee of the College of Home Economics and Professor Dena Cederquist of the Department of Foods and Nutrition met with the Trustees and discussed the role of the Department of Foods and Nutrition in the College of Home Economics and its services of general interest to the public. Miss Cederquist discussed some of the work of the Department of Foods and Nutrition and some of her views on human nutrition.

9. Communication from John S. Pingel:

Communication John Pingel

Isabel and I have just returned from a three-week vacation, during which I had a great deal of time to meditate. Many of my thoughts were on the past year and my association with you.

Upon reflection, it seems to me that my year on the Board was one of the most rewarding of my life. My contributions to the future of our great university were far overshadowed by the great privilege it was for me to have an opportunity to serve.

FINANCE COMMITTEE ITEMS, continued

## 9. Communication from John S. Pingel, continued:

The problems ahead loom even greater and I know you will bring your very best efforts to bear on them and solve them successfully. If at any time I can help, please call on me.

It was a pleasure to be with you personally, and I shall always value the friendships formed while on the Board. Thank you so much for the beautiful tray which you gave me as a parting memento.

My warmest regards and best wishes to all of you.

Communication  
Forrest Smith

10. Communication from Forrest A. Smith, retiring Secretary'Manager of the Michigan Agricultural Conference urging that the University include in its plans a building on the campus that will seat 1,000 or more at a dinner meeting.

Contracts  
awarded for  
Power Plant

11. The Building Division of the State Department of Administration had taken three different sets of bids on the Power Plant but had not signed the contracts when the Attorney General's ruling was issued declaring the language of the appropriation act unconstitutional insofar as it assigned the responsibility for supervising construction on university campus to the State Building Authority. The Building Division of the Department of Administration recommends that the contracts covering these items be awarded by the University as follows:

- a. On October 8, 1964, bids for Water Treating Equipment were received and opened publicly at 2 p.m. at the Lewis Cass Building.

Bids are as follows:

Cochrane Division, Crane Co., King of Prussia, Pennsylvania	\$166,221
Graver Water Condition Co., New York City	164,800
The Permuttit Company, Paramus, New Jersey	157,454
L. A. Water Conditioning, City of Industry, California	147,550

In addition to the four bidders above, invitations and bidding documents were submitted to Allis-Chalmers Mfg. Co., Illinois Water Treatment Co., and Infiloo, None of whom elected to make proposals for the work.

L. A. Water Conditioning has submitted a list of 80 demineralizer installations, a copy of their 1964 Annual Report (year ending May 31) showing assets of \$6,410,811, and professional resumes of ten of their key personnel. They appear to be well qualified to build the water treatment equipment for Power Plant 65. Recommended L.A. Water Conditioning be awarded contract for Water Treating Equipment.

- b. On November 19, 1964, bids for the construction of a radial brick chimney for Power Plant 65 were received and opened publicly at 2 p.m. at the Lewis Cass Building.

Four bids were received, as follows:

International Chimney Corporation, Buffalo, New York	\$102,800
Custodis Construction Co., Chicago Illinois	89,300
Consolidated Chimney Co., Chicago, Illinois	83,840
Rust Engineering Co., Pittsburgh, Pennsylvania	74,750

All bids were guaranteed by Bonds of adequate amount.

The low bid of the Rust Engineering Co. disregards the allowable stresses established in the specifications, to which all other bidders quoted without exceptions. These design data compare as follows:

	<u>Specification</u>	<u>Rust Engineering</u>
Max. allowable tension	0	4 tons/sq ft.
Max. allowable compression	15 tons/sq ft	20 tons/sq. ft.
Wind load	20 lb/sq ft.	25 lb/sq. ft

In addition to assuming an appreciable amount of tension Rust has also assumed a higher allowable compression in relation to the wind load. In other words, by assuming higher allowable stresses they have reduced the amount of material in the chimney and have thereby reduced the cost. Other bidders undoubtedly could have done the same.

It is recommended that the contract for a Radial Brick Chimney, Specification 407-2-14, be awarded to the Consolidated Chimney Co., in the amount of \$83,840, theirs being the lowest bid conforming to the specification.

- c. On November 19, 1964, bids for furnishing controls and instruments for Power Plant 65 were received and at 2 p.m. were opened publicly at the Lewis Cass Building.

Five bids were received as follows:

Bailey Meter Company, Wickliffe, Ohio	\$183,000
Hagan Controls Corporation, Pittsburgh, Pennsylvania	172,968
Hays Corporation, Michigan City, Indiana	160,000
Republic Division, Rockwell, Chicago, Illinois	158,550
Copes-Vulcan Division, Blaw-Knox, Erie, Pennsylvania	155,624

continued - -

January 21, 1965

FINANCE COMMITTEE ITEMS, continued

## 11. Power Plant bids, continued:

## c. Continued:

Bailey Meter Company and Hays Corporation submitted cashiers' checks and the other three bidders submitted bid bonds. All were adequate in the amount to guarantee their bids.

All bidders acknowledged receipt of the two addenda that had been issued.

Bailey, Hays, and Republic have indicated no exceptions on the proposal form.

In submitting the low bid, Copes-Vulcan Division indicated three exceptions to the specifications, as follows:

1. Section 8a and b will be accepted by Copes-Vulcan provided, however, no liquidated damages will be due hereunder unless some actual delay in the installation schedule is experienced.
2. Regarding smoke density transmitter (T601) Copes-Vulcan quoting Ess type transmitter complete with the light source, photo unit and transformer, Bailey Bolometer specified is not compatible with Hays equipment.
3. Regarding Art. 45 (guarantee of Work) Copes-Vulcan will agree to this Art. providing acceptance is received 180 days after delivery of equipment.

Exception No. 1 above would transfer responsibility for completing the installation on time to the mechanical contractor who will install this equipment. He cannot be expected to guarantee a completion date unless he can be assured of receipt of the control equipment and instruments in time to permit its installation. We do not believe this exception would be acceptable to the mechanical contractor and is, therefore, unacceptable to us.

Exception No. 2 might be acceptable if Hays equipment is to be furnished also. However, the Hays proposal does not make this exception. Also, since Copes-Vulcan would be using other manufacturers' equipment they might have selected something that would be compatible with the Bolometer specified.

Exception No. 3 also is an exception to paragraph 22 on page 33 of the detailed specifications, which requires a guarantee of one year from the date of initial operation of the controls and instruments.

The lowest bid without 'exceptions' is that submitted by Republic Division of the Rockwell Corporation. Republic is a well established, reliable, and competent manufacturer of controls and instruments for power plant use.

It is recommended that the contract for Controls and Instruments, Specification 407-2-16, be awarded to Republic Division, Rockwell Manufacturing Company, in the amount of \$158,550, theirs being the lowest bid without exceptions.

On motion by Mr. Nisbet, seconded by Mr. Stevens, it was voted to approve awarding the contracts as follows:

Water Treatment Equipment

L. A. Water Conditioning, City of Industry, California	\$147,550
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Radial Brick Chimney

Consolidated Chimney Company, Chicago, Illinois	83,840
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Controls and Instruments

Republic Division, Rockwell, Chicago, Illinois	158,550
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OAKLAND UNIVERSITY ITEMS

12. Recommendation that the firm of O'Dell, Hewlett and Luckenbach be authorized to do the architectural work for the service building for the Meadow Brook Festival. The estimated cost of this building is \$50,000 and this will be financed through the use of the funds made available by Mr. and Mrs. George Trumbull.

13. Authorization to sell the following stock is requested:

- 15 shares of Ex-Cell-O Corporation stock
- 9 shares of Sears, Roebuck & Company stock
- 19 shares of Procter and Gamble Company common stock
- 50 shares of Chrysler Corporation common stock
- 200 shares of Ford Motor Company common stock
- 150 shares of The One William Street Fund capital stock
- 500 shares of General Motors Corporation common stock (from G. T. Trumbull)
- 300 shares of General Motors stock (from Mr. Anibal)

On motion by Mr. Nisbet, seconded by Mr. Hartman, it was voted to approve Items 12 and 13.

Adjourned.

Contracts  
awarded  
Power Plant

Contract let  
for service  
bldg Meadow  
Brook Fest  
to O'Dell,  
Hewlett &  
Luckenbach,  
architects

Approval sale  
certain  
stocks for  
Oakland

MINUTES OF THE MEETING  
of the  
BOARD OF TRUSTEES  
January 21, 1965

Present: Mr. Huff, Chairman; Messrs. Harlan, Hartman, Merriman, Nisbet, Smith, Stevens, White; President Hannah, Treasurer May and Secretary Breslin

Absent: No one

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

The Minutes of the December meeting were approved.

SPECIAL MISCELLANEOUS

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

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

PRESIDENT'S REPORT

Appointments

1. Hans (Johann) Kende, Associate Professor of Botany and Plant Pathology and the Plant Research Laboratory at a salary of \$14,000 per year on a 12-month basis effective July 1, 1965.
2. Edward Hammarskjold, Adviser in Architecture, Nigeria Program, at a salary of \$12,500 per year on a 12-month basis effective November 19, 1964 to May 18, 1965.

Transfers

1. Terrence J. Carey, from Associate Director AP-VIII, Admissions and Scholarships to Acting Director AP-VIII, Admissions and Scholarships, at an increase in salary to \$12,250 per year effective January 1, 1965.

Miscellaneous

1. The Civil Rights Act of 1964 requires that all federal funds be expended in accordance with its terms.

To comply with the provisions of this Act, the President has signed assurances of compliance with the National Science Foundation regulation and with the Department of Health, Education, and Welfare regulation. Following is the assurance with the National Science Foundation:

Michigan State University (hereinafter called the "Applicant")

HEREBY AGREES THAT it will comply with Title VI of the Civil Rights Act of 1964 (P. L. 88-352) and all requirements imposed by or pursuant to the Regulation of the National Science Foundation (45 CFR Part 611) issued pursuant to that title, to the end that, in accordance with Title VI of that Act and the Regulation, no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Applicant receives Federal financial assistance from the Foundation; and HEREBY GIVES ASSURANCE THAT it will immediately take any measures necessary to effectuate this agreement.

If any real property or structure thereon is provided or improved with the aid of Federal financial assistance extended to the Applicant by the Foundation, this assurance shall obligate the Applicant, or in the case of any transfer of such property, any transferee, for the period during which the real property or structure is used for a purpose for which the Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits. If any personal property is so provided, this assurance shall obligate the Applicant for the period during which it retains ownership or possession of the property. In all other cases, this assurance shall obligate the Applicant for the period during which the Federal financial assistance is extended to it by the Foundation.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all Federal grants, loans, contracts, property, discounts or other Federal financial assistance extended after the date hereof to the Applicant by the Foundation, including installment payments after such date on account of applications for Federal financial assistance which were approved before such date. The Applicant recognizes and agrees that such Federal financial assistance will be extended in reliance on the representations and agreements made in this assurance, and that the United States shall have the right to seek judicial enforcement of this assurance. This assurance is binding on the Applicant, its successors, transferees, and assignees, and the person or persons whose signatures appear below are authorized to sign this assurance on behalf of the Applicant.

The agreement with the Department of Health, Education, and Welfare is the same except for the substitution of the appropriate wording referring to that Department.

It was required that these forms be returned by January 15, 1965.

On January the assurance with the Atomic Energy Commission was signed and returned.

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



NEW BUSINESSResignations and Terminations

## Resignations

1. Lylas Dorine Robinson, Home Economics Agent, Chippewa and Mackinac Counties January 8, 1965 to accept another position.
2. M. Dolores Samuel, Instructor in Health, Physical Education and Recreation August 31, 1965 to be a full time homemaker.
3. Vigay K. Jain, Assistant Professor of Electrical Engineering, December 31, 1964 to return to India.
4. Fred E. Freiheit, Instructor in Mechanical Engineering, December 31, 1964 to accept a position with Clarke Floor Machine Division, Muskegon, Michigan.
5. James B. Alfredson, Instructor in Humanities, August 31, 1965 to continue graduate work towards Ph.D. at Washington University, St. Louis, Missouri.
6. John E. McVay, Assistant Football Coach and Instructor in Intercollegiate Athletics, January 20, 1965 to become head football coach at the University of Dayton.

Leaves--Sabbatical

## Leaves

1. Richard S. Lindstrom, Associate Professor of Horticulture, with full pay from April 16, 1965 to October 15, 1965 to study in Holland.
2. Lawrence Babb, Professor of English, with full pay from April 1, 1965 to June 30, 1965 to prepare a book.
3. Gardner M. Jones, Professor of Accounting and Financial Administration with full pay from September 1, 1965 to December 31, 1965 to study at the University of Michigan.
4. John W. Ruswinckel, Professor of Accounting and Financial Administration, with half pay January 1, 1966 to June 30, 1966 to study and do writing.
5. Jack M. Bain, Associate Professor of Speech and Office of the Dean of International Programs with full pay from June 16, 1965 to September 15, 1965 to travel in Western USA.
6. John T. Gullahorn, Professor of Sociology in the College of Social Science and the Computer Laboratory with half pay from September 1, 1965 to August 31, 1966 to accept an NSF fellowship for research in California.
7. Carl S. Gerlach, Professor of Urban Planning and Landscape Architecture with half pay from September 1, 1965 to August 31, 1966 for study and writing in East Lansing and study and travel in Europe.
8. Bernard F. Engel, Professor of American Thought and Language, with full pay from April 1, 1965 to June 30, 1965 to complete a book.
9. Gordon C. Smith, Assistant Professor of American Thought and Language, with full pay from April 1, 1965 to June 30, 1965 to study and travel in East Lansing, Washington and Canada.
10. Harry D. Berg, Professor of Evaluation Services, with full pay from September 1, 1965 to December 31, 1965 to study and travel in the United States and Europe.
11. Jean Brierley, Associate Professor of Natural Science with full pay from April 1, 1965 to June 30, 1965 to study and travel in western United States.
12. M. Lois Calhoun, Professor and Chairman of Anatomy, with full pay from May 3, 1965 to August 2, 1965 for study and travel in Europe and Africa.

Leaves--Health

1. J. Murray Barbour, Professor of Music with full pay from January 1, 1965 to March 31, 1965.
2. Earl C. Richardson, Associate Professor (Ext.) in Information Services with full pay from December 21, 1964 to March 31, 1965.

Leaves--Other

1. Lauren H. Brown, Professor of Agricultural Economics with full pay from April 28, 1965 to June 30, 1965 for travel in Europe.
2. Linley E. Juers, Associate Professor (Ext.Res.) of Agricultural Economics, without pay from March 1, 1965 to February 28, 1966 to work for the National Committee on Food Marketing.
3. Harry G. Brainard, Professor of Economics without pay from September 1, 1965 to December 31, 1965 to be consultant at the Naval War College.
4. John T. McNelly, Assistant Professor of Journalism, without pay from April 1, 1965 to July 31, 1965 to be Professor at Berlin Institute for Mass Communications.
5. Walter R. Stellwagen, Associate Professor of Psychology and Guidance and Personnel Services, without pay from December 21, 1964 to August 31, 1965 to work with the Job Corps in Washington.
6. Ronald L. Davis, Assistant Professor of Humanities without pay from September 1, 1965 to August 31, 1966 to do research for writing a book.

NEW BUSINESS, continued

## Appointments

Appointments

1. Gordon L. Beckstrand, Professor (Ext.) Extension Service, and Assistant Director of 4-H Youth Programs, at a salary of \$15,500 per year on a 12-month basis effective March 1, 1965.
2. Susan Lucile Gleason, 4-H Agent, Lenawee County, at a salary of \$6,000 per year on a 12-month basis effective February 1, 1965.
3. Theodore A. Sprangel, Jr., 4-H Agent, Van Buren County, at a salary of \$7500 per year on a 12-month basis effective February 1, 1965.
4. Tung-Ming Lai, Instructor (Res.) in Soil Science at a salary of \$5,200 per year on a 12-month basis effective July 1, 1965 to June 30, 1965.
5. Wallace Sue, Instructor in German and Russian, at a salary of \$7,500 per year on a 10-month basis effective September 1, 1965 to August 31, 1966.
6. Thomas F. Baldwin, Instructor in Television and Radio, at a salary of \$9,000 per year on a 10-month basis effective September 1, 1965.
7. Glenn Berkheimer, Instructor in Elementary and Special Education, at a salary of \$3,334 for the period January 1, 1965 to June 30, 1965.
8. Thomas F. Edwards, Instructor in Elementary and Special Education, at a salary of \$3,334 for the period January 1, 1965 to June 30, 1965.
9. Frank N. Marzocco, Professor of Guidance and Personnel Services and Psychology, at a salary of \$20,000 per year on a 12-month basis effective February 1, 1965. Mr. Marzocco will also be Director of the Human Learning Resources Institute.
10. Edward Ferguson, Instructor in Secondary Education and Curriculum, at a salary of \$4,000 for the period effective January 1, 1965 to June 30, 1965.
11. Craig Laubenthal, Assistant to the Dean of Engineering, at a salary of \$6,800 per year on a 12-month basis effective December 28, 1964 to June 30, 1965.
12. Lester J. Evans, Visiting Professor of Human Medicine, at a salary of \$10,000 per year on a 12-month basis effective February 1, 1965 to January 31, 1966.
13. Sten Goran Lofroth, Assistant Professor of Biophysics, at a salary of \$7800 per year on a 12-month basis effective January 1, 1965 to December 31, 1965.
14. Norman C. Leeling, Assistant Professor (Res.) of Entomology, at a salary of \$9,500 per year on a 12-month basis effective February 1, 1965.
15. William E. Wallner, Assistant Professor (Ext.) of Entomology, at a salary of \$10,000 per year on a 12-month basis effective February 1, 1965.
16. Branko Grunbaum, Visiting Professor of Mathematics, at a salary of \$18,000 per year on a 10-month basis effective September 1, 1965 to August 31, 1966.
17. James F. Bridges, Instructor in Physics and Astronomy, at a salary of \$7,800 per year on a 12-month basis effective January 6, 1965 to January 5, 1966.
18. Philip Filner, Assistant Professor in the Plant Research Laboratory and Biochemistry at a salary of \$9,600 per year on a 12-month basis effective March 1, 1965 to February 29, 1968.
19. Henrietta Band, Assistant Professor of Zoology, at a salary of \$5,000 for the period January 1, 1965 to June 30, 1965.
20. Stephanie H. Barch, Research Associate of Zoology, at a salary of \$7,500 per year on a 12-month basis effective January 1, 1965 to December 31, 1965.
21. Allen W. Knight, Assistant Professor of Zoology and Entomology, at the Biological Station at a salary of \$10,000 per year on a 12-month basis effective June 1, 1965.
22. Donald C. McNaught, Assistant Professor of Zoology at the Biological Station at a salary of \$10,000 per year on a 12-month basis effective September 1, 1965.
23. Robert G. Wetzel, Assistant Professor of Botany and Plant Pathology at the Biological Station at a salary of \$11,000 per year on a 12-month basis effective July 1, 1965.
24. Neil Vande Vord, Jr. Instructor in Labor and Industrial Relations, at a salary of \$8,000 per year on a 12-month basis effective February 1, 1965.
25. Mahlon W. Vorhies, Instructor in Surgery and Medicine at a salary of \$8,950 per year on a 12-month basis effective January 16, 1965 to June 30, 1966.
26. Arthur F. Raper, Visiting Professor in the Asian Studies Center, at a salary of \$16,510 per year on a 12-month basis effective January 1, 1965 to June 30, 1965.

NEW BUSINESS, continuedAppointments, continued

27. Edward C. Lawson, Adviser in Engineering in the Nigeria Program, at a salary of \$16,000 per year on a 12-month basis effective August 16, 1965 to September 15, 1967.
28. Donald K. Skadden, Professor in the Ryukyus Project, at a salary of \$1,767 per month effective February 1, 1965 to April 30, 1965.

Transfers

1. Eugene F. Dice Community Service Agent, Genesee County to Community Resource Development District Extension, at a salary of \$9,000 per year, effective January 1, 1965.
2. Frederick J. Henningsen, 4-H Agent Van Buren County, to Agricultural Agent, Van Buren County, at the same salary of \$8,400 per year effective February 1, 1965.
3. Harold L. Sparks, Extension Director Cass County to Extension Agent at Large, at the same salary of \$8,300 per year effective February 1, 1965.

Salary Changes

1. Salary increase for Milton B. Dickerson, Professor and Chairman Business, Law, Insurance and Office Administration to \$19,000 per year on a 12-month basis, effective January 1, 1965.
2. Salary increase for Iwao Ishino, Professor of Anthropology to \$17,000 per year effective January 1, 1965. Dr. Ishino is Chief of Party for Ryukyus Project, until May 31, 1965. The salary increase affects only his overseas salary, not the campus base salary.

On motion by Mr. Harlan, seconded by Mr. Hartman, it was voted to approve all the New Business.

Miscellaneous

1. Change Huling E. Ussery, Assistant Professor of English, from a 12-month basis at a salary of \$10,265 to a 10-month basis at a salary of \$8,750 per year, effective January 1, 1965. Ch H. E. Ussery
2. Designation of Kullervo Louhi as Acting Campus Coordinator of the Brazil and Turkey Projects from January 1 to June 30, 1965, paid 60% from 11-3311, 25% from 71-2025, and 15% from 71-2039. K. Louhi designated Act Campus Doord. Brazil, Turkey Proj.
3. Designation of Einar Hardin as Associate Professor of Economics and Labor and Industrial Relations, effective January 1, 1965. Professor Hardin has for several years been the Associate Director of the Labor and Industrial Relations School, and at his request he is returning full time to teaching and research. E. Hardin, Assoc. Prof. Econ & L & I
4. Raymond N. Hatch has requested that he be relieved of the Chairmanship of the Department of Guidance and Personnel Services, effective October 1, 1964. R. Hatch relieved of chairmanship
5. Change the effective date of resignation of Myril B. Reed from June 30, 1964, to July 15, 1964. Ch ef date resignation M.B. Reed
6. Designation of Truman O. Woodruff as Acting Chairman of Physics and Astronomy, effective from January 1 to August 31, 1965, during Professor Haynes' leave. T.O. Woodruff Act Chrm Phys & Astron
7. Change Anton Lang, Professor of Botany and Plant Pathology and Director of the Plant Research Laboratory, from full time at \$25,000 to half time at \$12,500 per year, effective from January 1 to May 31, 1965. Anton Lang ch to 1/2 time for 5 mos.
8. Change in status of William A. Faunce, Associate Professor of Sociology and Labor and Industrial Relations, effective January 1, 1965 as follows: Ch status Wm. Faunce
  - a. Designation as Associate Director for Research of Labor and Industrial Relations (additional title);
  - b. Change from a 10-month basis at \$11,700 to a 12-month basis at \$15,000 per year.
9. Designation of Albert A. Blum as Professor of Social Science and Labor and Industrial Relations and change from a 10-month basis at \$12,400 to a 12-month basis at a salary of \$16,000 per year, effective January 1, 1965 and paid 30% from 11-2671 and 70%, 11-3941. Ch Albert Blum to 12 mo basis
10. Change Michael E. Borus from Research Associate to Assistant Professor of Labor and Industrial Relations, effective from January 1 to August 31, 1965. Ch Michael Borus to Asst. Prof.
11. Cancellation of military leave for James E. Porter, Food Service Helper III in Dormitories and Food Services, effective January 4, 1965. Cancel mil lve Jas Porter
12. Payment of an additional \$500 to Toshio Akamine, Visiting Professor in the Asian Studies Center, for the period from January 1 to March 31, 1965, for teaching a course in the College of Education. Pay add. \$500 Toshio Akamine
13. Assignment of Donald J. Leu, Professor of Administration and Higher Education, to the Thailand Project at a salary of \$16,700 per year, effective from January 5 to February 15, 1965, paid from 71-2043. D.J. Leu assigned Thailand Proj.

Appointments

Transfers

Salary Inc.



## NEW BUSINESS, continued

## Miscellaneous, continued

Ch Charles  
Sander to full  
time for 2 mos

14. Change Charles H. Sander, Instructor in Pathology, from part-time at \$7,500 to full time at \$17,500 per year, effective from January 18 to February 28, 1965. Dr. Sander will return to part time on March 1, 1965.

Retirement  
Lottie Draper

15. Recommendation from the Retirement Committee for the retirement of Lottie Draper, Housekeeper III in Campbell Hall, at a salary of \$820 per year, effective March 13, 1965. Mrs. Draper was born January 16, 1900, and has been employed by the University since June 21, 1948.

Correction  
retirement  
Thelma Porter

16. Correction in the retirement salary for Dean Thelma Porter from \$1,836 to \$3,000 per year effective July 1, 1965.

Report of  
death P. J.  
Clark

17. Report of the death of Philip Jason Clark, Professor of Zoology, on December 24, 1964, in a hit-and-run accident. Mr. Clark was born on January 28, 1920, and has been employed by the University since September 1, 1957.

Widow to re-  
ceive year's  
salary

It is recommended that his widow continue to receive his salary for one year beyond the date of death, or until December 24, 1965.

Approval  
recommendations from  
Dir. Personnel

18. Recommendations from the Director of Personnel as follows:
- Establish a half-time Clerk-Typist II position in Crop Science, paid from 71-7106.
  - Reclassify two Clerk-Stenographer III to Senior Clerk-Stenographer V positions in Food Science. One is paid from 71-6000, and one is paid 50% from 71-7614 and 50% from 71-6900
  - Reclassify a Clerk-Typist II to a Senior Clerk IV position in Economics.
  - Establish a Clerk-Typist II position in Mathematics.
  - Establish an Assistant Engineer, Cyclotron XII position in Physics and Astronomy, paid from 71-1622.
  - Establish a Typist Dictaphone Operator III position in Protective Services.
  - For Closed Circuit Television:
    - Reclassify a Television Engineer IX to a Senior Television Engineer XI position
    - Reclassify a Senior Television Engineer X to a Senior Television Engineer XI position
  - Establish a Clerk-Typist II position in Alumni Relations.
  - Establish a Senior Accounting Clerk V position in the Business Office.
  - For Dormitories and Food Services:
    - Establish three Area Manager, Residence Halls, AP-VIII positions.
    - Reclassify a Development and Construction Assistant AP-VI to an Area Manager, Residence Halls, AP-VIII position
    - Reclassify a Residence Halls, Assistant Manager, AP-VII to an Area Manager AP-VIII position
    - Establish a Senior Clerk-Stenographer V, Residence Halls, position.
    - Establish a Senior Clerk-Stenographer V, Dormitories and Food Services position.

Will of Fred  
Simonsen  
leaves  
\$100,000 to  
MSU

19. Fred A. Simonsen, operator of restaurants, in Detroit, was an enthusiastic supporter of the program in restaurant management. He played an important role in the instigation of this curriculum and supported it in many ways during his lifetime. Mr. Simonsen died on February 1, 1964. His will contains the following position:

I give and bequeath to MICHIGAN STATE UNIVERSITY, East Lansing, Michigan, the sum of One hundred thousand dollars (\$100,000.00), the principal sum to be placed in their designated Trust Fund and held in perpetuity as a FRED A. AND EVA G. SIMONSEN SCHOLARSHIP FUND and its proceeds or earnings to be used for scholarships and aids to students in the Restaurant, Hotel and Institutional Management courses as conducted by Michigan State University, East Lansing, Michigan.

The Probate Court of Wayne County as authorized a 75 percent distribution with the suggestion that the assets of the estate will be sufficient to make it possible to eventually pay the entire amount of the bequest. It is recommended that the Board authorize the acceptance of the terms of Mr. Simonsen's will and authorize the investment of funds as received for the purposes contemplated by Mr. Simonsen.

A check for \$75,000 has been received.

Contract let  
for construc.  
storm & san.  
sewers to  
serve AEC Pl  
Res.

20. On January 12 the following bids were received for the construction of storm and sanitary sewers to serve the AEC Plant Research Building:

Reed & Boyce	\$18,692.50
Croxton Company	20,478.92
Earl L. Reamer Company	22,000.00
P & S Construction	26,755.00
Mead Bros. Excavating	31,951.07
McNamara Construction	36,300.00

It is recommended that a contract be awarded to Reed & Noyce, the low bidder, in the amount of \$18,692.50.

On motion by Mr. Merriman, seconded by Mr. Nisbet, it was voted to approve Items 1 through 20.

Appt. Edwin  
Rutherford

- 20a. Appointment of Edwin Rutherford, Assistant Football Coach and Instructor in Intercollegiate Athletics at a salary of \$10,000 per year on a 12-month basis effective January 16, 1965.

Appt. David  
Mac Farlane

- 20b. Appointment of David L. MacFarlane, Adviser, Nigeria Program at a salary of \$21,900 per year effective from January 1, 1965 to January 31, 1965.

On motion by Mr. Harlan, seconded by Mr. Hartman, it was voted to approve items 20a and b.

January 21, 1965

NEW BUSINESS, continuedMiscellaneous, continued

21. On January 14 the following bids were received for the Forestry-Conservation Building:

Architectural Trades

Miller-Davis Company	\$1,639,000
Spence Brothers	1,642,390
Granger Brothers, Inc.	1,657,000
The Christman Company	1,667,363
Erickson & Lindstrom Construction Co.	1,697,444
Salvaggio & Son Construction Co.	2,152,963

Mechanical Trades

The Robert Carter Corporation	1,107,700
Phoenix Sprinkler & Heating Company	1,130,000
John E. Green Plumbing and Heating Company	1,133,000
Spitzley Corporation	1,160,000
Eames & Brown, Inc.	1,183,000

Electrical Trades

Lansing Electric Motors	304,100
Hatzel & Buehler, Inc.	331,374
Hall Electric Company	379,900

Elevator

Haughton Elevator Company	30,844
Westinghouse Electric Corporation	33,993
Otis Elevator Company	37,880

Laboratory Furniture

Metalab Equipment Company	188,359
Wairus Manufacturing Company	200,100
Hamilton Manufacturing Company	221,726
Royal of Michigan Equipment Company	230,327
Kewaunee Manufacturing Company	236,790

It is recommended that the Board award contracts to the following low bidders:

Miller-Davis Company	\$1,639,000
The Robert Carter Corporation	1,107,700
Lansing Electric Motors	304,100
Haughton Elevator Company	30,844
Metalab Equipment Company	188,359
	<hr/>
	\$3,270,003

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

22. Communication from Mrs. William L. Finni:

It was with sincere appreciation and a thank you to both you and the Board of Trustees for the continuation of Bill's salary for one year. It is difficult to put in writing how much this means to Becky and myself at this time.

Bill truly lived for Michigan State and it helps a great deal to receive the many letters of tribute and contributions to the Memorial Scholarship Fund to which he was so dedicated.

23. Michigan State University has been invited to become one of the sponsoring institutions of a new not for profit corporation now in process of being formed in pursuance of the recommendations of the Williams Committee representing the Associated Midwest Universities, the Midwestern Universities Research Association, the University of Chicago, and the Argonne National Laboratory.

The universities invited to participate in this program include the universities now members of the Associated Midwest Universities plus Oklahoma State University and the University of Arizona.

It is recommended that the Trustees authorize the participation of Michigan State University in this project.

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

Gifts and Grants

1. Gift of a Massey Ferguson Tractor valued at \$2,000 from Massey-Ferguson, Inc., of Lansing, for use under the direction of H. F. McColly in Agricultural Engineering.
2. Gift of an Extruder-Hartig L/D with masticating head valued at \$5,000 from the American Can Company of New York City to be used for teaching and research in the School of Packaging.

Contracts  
awarded for  
Forestry-  
Conservation  
Building

MSU to become  
one of sponsor  
ing Inst.  
rep. Assoc.  
Midw. Univ.

Gifts and  
Grants

## NEW BUSINESS, continued

Gifts and  
Grants

## Gifts and Grants, continued

3. Gift of 100 heifers valued at \$10,000 from Henry Ford and 100 heifers valued at \$10,000 from Benson Ford of Detroit to be used under the direction of R. H. Nelson in Animal Husbandry for the research program in beef cattle production.
4. Gift of waterfowl valued at \$3,125.50 from Russell Jameson of East Tawas for the Kellogg Biological Station for experimental use and public viewing at the Kellogg Bird Sanctuary.
5. Gift of the following property from the National Science Foundation in support of the construction of a 40-Mev Cyclotron:

<u>Description of Property</u>	<u>Quantity</u>
Viewer, Still Picture, Film Strip Type, Recordak Model C	2
Signal Comparator	1
Signal Generator	1
Bridge Summation	1
Radiac Set with Case	2
Electron Magnetron Tubes with Magnets, assorted sizes	8
Ammeters, Weston, DC	6
Hi-Pot Test Unit, Sperry Design Table Model	1
Vacuum Tube Volt Meter, Ballentine Model 300	1
Decade Resistance Box	1

6. Gifts with a total value of \$7,482.50 from various donors for the University Museum. (The detailed list is on file in the Inventory Office.)
7. Grant of \$10 from William Herbert Edwards of Milford, granted in memory of Mr. Rient Tenhave for the student loan fund.
8. Grants for scholarship purposes, as follows:
  - a. 400 shares of American Airlines, Inc., valued at \$17,750 from George J. Bouyoucos of East Lansing to be credited to the George J. Bouyoucos Graduate Fellowship to provide funds for scholarships for graduate students from Greece.
  - b. \$1,000 from Smith-Douglass Co., Inc., of Norfolk, Virginia, for a scholarship in the Department of Soil Science.
  - c. \$15,000 from Mrs. Raymond F. Giffels of Detroit to Establish the Raymond F. Giffels Memorial Engineering Scholarship Fund. This sum is to be invested and the interest earned is to provide scholarships for junior and senior engineering students, and is to be administered under the discretion of the Dean of Engineering.
  - d. \$300 from Crossley Sales Division of Hewlett-Packard Company of Chicago for a student studying electronics engineering or physics at the undergraduate or graduate level.
  - e. \$200 from the National Plant Food Institute of Washington, D.C., for students in Soil Science.
  - f. \$100 from the MSU Alumnae Club of Western New York of Clarence, New York, to assist a woman student from the Western New York area.
  - g. \$500 from the Michigan National Bank of Lansing to be awarded to an outstanding undergraduate student in the area of financial administration.
  - h. To continue previously established scholarships:
    - (1) \$900 from Bates and Rogers Foundation of Chicago
    - (2) \$7,500 from Ralph R. Calder of Detroit for the Helen Calder Nursing Scholarship
    - (3) \$5,130 from Henry L. Caulkins of Detroit for the Caulkins Foundation Scholarship Fund. (This grant is actually 120 shares of Federal-Mogul common stock valued at \$5,130.)
    - (4) \$6,800 from Consumers Power Company of Jackson for 1 freshman scholarship of \$300, 2 engineering scholarships of \$750 each, and 2 engineering scholarships of \$2,500 ea.
    - (5) \$50 from Ivan F. French of Sarasota, Florida, for the Elizabeth I. French Award.
    - (6) 100 shares of Computer Usage Company common stock valued at \$2,350 from Mr. and Mrs. Cuthbert C. Hurd, the proceeds from the sale of stock to be credited to the Professor Lewis Richards Music Scholarship Fund.
    - (7) \$333 from the National Merit Scholarship Corporation of Evanston, Illinois, for 2 Merit scholars.
    - (8) \$1,100 from Paramount Coffee Company of Lansing for students in Hotel, Restaurant, and Institutional Management.
    - (9) \$200 from the Michigan Feed & Grain Dealers Association of East Lansing for the Elevator and Farm Supply General Fund, 31-3314.
    - (10) \$675 from Farm Bureau Services, Inc., of Lansing for the Elevator and Farm Supply Cooperative Fund, 31-3315.
    - (11) For the Sandy Brand 4-H Memorial Scholarship:
      - \$1,000 from Arthur W. Kutsche of Detroit
      - \$150 from H. Harwell Brand of Dearborn
    - (12) For the Prince Edward County Scholarship Fund:
      - \$20 from Dr. Mahlon S. Sharp of East Lansing
      - \$10 from Mrs. Stanley Idzerda of East Lansing
      - \$20 from C. F. Reed
      - \$3 from Charles Crapo of East Lansing
      - \$10 from David Krathwohl of East Lansing
      - \$34 from members of the Social Science Department
    - (13) For the E. Ross Gamble Memorial Scholarship Fund:
      - \$250 from Mr. and Mrs. John G. Burton of St. Louis, Missouri
      - \$100 from Robert R. Burton of Chicago
      - \$50 from John W. Crawford of East Lansing
      - \$100 from H. H. Kynett of Philadelphia
    - (14) For the Karl Dressel Park Management Award fund:

continued - -

NEW BUSINESS, continuedGifts and Grants, continuedGifts and  
Grants

## 8. Scholarship grants, continued:

## h. To continue previously established scholarships, continued:

## (14) For the Karl Dressel Park Management Award Fund:

\$100 from Harold Thomas Nursery of Livonia  
 \$25 from A. J. Miller, Inc.  
 \$50 from W. J. Miller Garden & Lawn  
 \$100 from Consumers Power Company  
 \$5 from Michlin Chemical Corporation  
 \$10 from East-West Landscape & Service Company  
 \$100 from Michigan Consolidated Gas Company

## (15) For the MSU Faculty Scholarship Fund:

\$25 from Ronald J. Jursa  
 \$50 from Alexander Butler  
 \$1,000 from Top Hat, Inc.

## (16) For the A. A. Applegate Scholarship Fund:

\$200 from William Randolph Hearst Foundation of New York City  
 \$50 from Norman C. Rumble  
 \$25 from Arthur P. Gallagher  
 \$100 from the Owosso Argus Press  
 \$5 from Louis J. Berman

## (17) For the Memorial Scholarship Fund in memory of F. D. Pace:

\$10 from Mr. and Mrs. Robert M. Markoff of Santa Maria, California

## (18) For the Memorial Scholarship Fund in memory of W. L. Finni:

\$43 from Neighbors and Friends in East Lansing  
 \$10 from Mrs. Kenneth Maki and Mrs. George Sartori of Crystal Falls  
 \$5 from John and Amaliede Brundage of Albion  
 \$5 from Lois Willis of Grass Lake  
 \$5.25 from friends in Albion  
 \$10 from C. W. Curry of East Lansing  
 \$10 from Mr. and Mrs. Leon Puchlevic of Waukegan  
 \$25 from East Lansing Junior High School Student Congress  
 \$5 from C. R. Wentworth  
 \$10 from M. C. Buschman  
 \$20 from a friend  
 \$10 from B. H. VanRoekel  
 \$10 from W. A. Cleven  
 \$15 from Mr. and Mrs. Jack Bodine and Mr. and Mrs. Carleton Knack  
 \$5 from Mr. and Mrs. A. A. Calderone  
 \$10 from M. R. Pierson  
 \$7.50 from A. C. Bluek, Jr.  
 \$10 from D. M. Tester  
 \$75 from the Registrar's Office staff  
 \$5 from P. J. Wargelin  
 \$25 from A. L. Seelye  
 \$10 from R. J. Jursa  
 \$5 from Leonore J. Morkam  
 \$10 from Mary Virginia Moore  
 \$25 from Phi Delta Kappa  
 \$5 from R. W. Lewis  
 \$10 from East Lansing Junior High PTA  
 \$10 from F. D. Williams  
 \$5 from Mr. and Mrs. Harry Worden  
 \$5 from L. A. Thorburn  
 \$5 from E. G. Foster  
 \$5 from Clair L. Taylor  
 \$5 from H. W. Phend  
 \$10 from Wesley and Josephine Copeland  
 \$5 from Mr. and Mrs. J. R. Winton  
 \$5 from Mr. and Mrs. Ernie Sandelius  
 \$13 from friends.  
 \$20 from C. F. Wrigley  
 \$25 from John F. Sander  
 \$15 from Mr. and Mrs. John Bukovac, Mr. and Mrs. Dave Dilley, and Mr. and Mrs. Harold Davidson  
 \$21 from the Grass Lake High School, Class of 1952  
 \$100 from a friend  
 \$5 from Mrs. James Hare  
 \$2 from Victor and Elma Peltonen  
 \$5 from Mr. and Mrs. H. A. Hobus  
 \$5 from friends  
 \$51 from the Clerical Staff of the Admissions and Scholarships Office

## i. For specified students:

\$108 from friends of F. D. Pace  
 \$450 from the American Legion Auxiliary of Detroit  
 \$50 from Mrs. Mary J. Bolton of Mason  
 \$327.75 from the J. Fred and Helen Barnard Boyd Foundation of Muskegon

continued - -

NEW BUSINESS, continuedGifts and Grants, continuedGifts and  
Grants

8. Scholarship grants, continued:
  - i. For specified students, continued:
    - \$200 from the Capitol Area Nurses Association of Lansing
    - \$500 from the John Clupper Scholarship Fund of Niles
    - \$250 from the Community Scholarship Association of the Moriches of Center Moriches, New York
    - \$162 from the Fraternal Order of Eagles Memorial Foundation Fund of South Bend, Indiana
    - \$73 from the Galesburg-Augusta Community Schools
    - \$250 from Frank Gannett Newspaperboy Scholarships, Inc., of Rochester, New York
    - \$750 from the Grand Lodge of Free and Accepted Masons of Dearborn
    - \$100 from the William Randolph Hearst Foundation of New York City
    - \$100 from the Macomb County Alumni Club
    - \$290 from the Masonic-Eastern Star Student Fund of Omaha, Nebraska
    - \$125 from Michigan's Junior Miss Pageant of Pontiac
    - \$350 from Michigan Pepsi-Cola Scholarship Foundation of Muskegon
    - \$150 from Edward H. Moeller Scholarship Fund of Buffalo, New York
    - \$166.66 from the Muskegon Bank and Trust Company of Muskegon
    - \$1,000 from the National Association of Secondary School Principals of Washington, D.C.
    - \$362.50 from Princeton University
    - \$200 from the State of Rhode Island
    - \$150 from Ridgefield Parent Teacher Association, Connecticut
    - \$108 from the Riverview Pirates Boosters Club of Wyandotte
    - \$312.50 from Rockford Public Schools
    - \$350 from the State Journal of Lansing
    - \$500 from Sunset Lake-Martinsville Lions Club of Pluckemin, New Jersey
    - \$625 from Tiscornia Foundation, Inc., of St. Joseph
    - \$175 from Warren Federated Church of Warren, Massachusetts
    - \$440 from the Woman's National Farm & Garden Association of Lansing
    - \$100 from the Ypsilanti Business and Professional League of Ypsilanti
    - \$1000 from Zeta Phi Beta Sorority, Inc., of Washington, D.C.
9. Grant of \$5,250 from the Kent County Board of Supervisors of Grand Rapids to be used under the direction of N. P. Ralston in the Cooperative Extension Service to cover part of the salaries of 2 additional extension agents in Kent County.
10. Approval of a memorandum of agreement with the Skuttle Manufacturing Company of Milford covering a grant of \$500 to be used under the direction of F. H. Buelow in Agricultural Engineering to evaluate the accuracies of various instruments for determination of grain moisture contents.
11. Grants as follows from the Michigan Committee on Rural Electrification to be used under the direction of R. L. Maddex in Agricultural Engineering:
  - a. \$10,642.50 for support of the cooperative television project
  - b. \$1,856.24 for support of the cooperative radio program
12. Grant of \$4,500 from Curtis M. Brown of Tecumseh to be used under the direction of R. H. Nelson in Animal Husbandry to carry out more adequately the entire beef research program.
13. Grant of \$15,652 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of R. J. Evans in Biochemistry for research on the nutritive value of seed proteins.
14. Grant of \$19,000 from the National Science Foundation of Washington, D.C., to be used under the direction of H. M. Sell in Biochemistry to study the biochemistry of natural and synthetic growth substances as applied to higher plants.
15. Grants as follows to be used under the direction of W. A. Wood in Biochemistry:
  - a. \$40,000 from the National Science Foundation for support of research entitled "Structure of the Active Site of a Dehydrase."
  - b. \$20,000 from the Atomic Energy Commission of Argonne, Illinois, for investigations of "Tracer Studies of Carbohydrate Interconversions by Microbial Enzymes."
16. Grant of \$3,600 from the United States Department of Agriculture of Washington to be used under the direction of L. D. McGilliard in Dairy to investigate the effect of environmental influences affecting dairy production records used in proving sires, and the determination and utilization of milk composition information in the evaluation of dairy production records.
17. Grant of \$7,500 from the Michigan Animal Breeders Cooperative of East Lansing to be used under the direction of C. E. Meadows in Dairy to increase the accuracy of sire selection.
18. Grant of \$21,253 from the National Institutes of Health under the direction of J. W. Thomas in Dairy to delineate the processes involved in the formation of vitamin A from carotene using in vivo and in vitro techniques.
19. Grant of \$404.81 from the Iraqi Date Organization to be used under the direction of Pericles Markakis in Food Science to determine amino acid composition of dates.
20. Grant of \$20,080 from the National Institutes of Health to be used under the direction of A. M. Pearson in Food Science for isolation and identification of meat flavor components.
21. Approval of a memorandum of agreement with The Dwarf Fruit Tree Association of Hartford covering



NEW BUSINESS, continuedGifts and Grants, continuedGifts and  
Grants

21. Continued:  
a grant of \$500 to be used under the direction of R. F. Carlson in Horticulture to make available published research and a newsletter summarizing recent research findings and subject matter pertinent to the advancement, culture, and research of smaller than standard fruit trees.
22. Approval of a memorandum of agreement with The Joseph H. Hill Memorial Foundation of East Lansing covering a grant of \$3,600 to be used under the direction of P. R. Krone in Horticulture to support research in the handling, processing, and marketing of cut roses.
23. Grant of \$196.30 from the National Academy of Sciences of Washington, D.C., to be used under the direction of S. H. Wittwer in Horticulture for laboratory work in the field of mineral nutrition of plants.
24. Grant of \$8,888 from the State Department of Public Instruction of Lansing to be used under the direction of H. A. Henneman in Short Courses to train 40 dairy farm hands who are now unemployed persons.
25. Approval of a memorandum of agreement with The Morton Chemical Company of Woodstock, Illinois, covering a grant of \$1,000 to be used under the direction of R. E. Lucas and J. F. Davis in Soil Science to perfect control measures for Verticillium wilt of mint.
26. Grants as follows to be used under the direction of J. D. Edwards in Accounting and Financial Administration to assist doctoral students in completion of their graduate programs:
  - a. \$100 from Mark D. Littler of Detroit
  - b. \$200 from Herbert E. Miller of East Lansing
27. Grant of \$1,000 from The Readers' Digest Foundation of Pleasantville, New York, to be used under the direction of F. B. Senger in Journalism for student travel and research.
28. Grant of \$1,900 from Colegio Americano de Pachuca of Pachuca, Mexico, to be used under the direction of Stanley Hecker in Education for consultation in elementary school general teaching methods.
29. Grant of \$1,000 from the National Education of Washington, D.C., to be used under the direction of Julian W. Smith in Education for the outdoor education project.
30. Grant of \$37,090 from the National Science Foundation to be used under the direction of H. E. Koenig in Engineering Research for the application of systems analysis techniques to studying future developments in higher education.
31. Grant of \$5,000 from the Ford Motor Company Fund of Dearborn to be used under the direction of J. D. Ryder and C. R. St. Clair in Mechanical Engineering to enrich the program in Mechanical Engineering.
32. Grant of \$5,000 from E. I. du Pont de Nemours & Company for a grant-in-aid of fundamental research in Chemistry. The Company will also provide a postgraduate teaching assistant award in Chemistry for which a check will be sent after the recipient has been chosen.
33. Grant of \$22,120 from the National Institutes of Health to be used under the direction of Harold Hart in Chemistry for polyfunctional cyclopropanes.
34. Grant of \$29,500 from the National Science Foundation to be used under the direction of R. S. Nicholson in Chemistry for support of research entitled "Organic Electrode Processes."
35. Grant of \$27,132 from the National Institutes of Health to be used under the direction of Roger Hoopingarner in Entomology to analyze critically by genetics and eptology the effects of pesticides and other biologically active compounds.
36. Grant of \$25,410 from the National Science Foundation to be used under the direction of M. M. Miller in Geology for support of an Institute of Glaciological Sciences, Juneau Icefield, Alaska.
37. Grants as follows from the National Science Foundation to be used in the Mathematics Department:
  - a. \$29,950 for support of a Secondary Science Training Program under the direction of Isobel Blyth.
  - b. \$10,100 for support of research entitled "Intrinxic Methods in Magneto-Fluid-Dynamics" under the direction of R. H. Wasserman.
38. Grant of \$430,000 from the National Science Foundation to be used under the direction of H. G. Blosser and S. K. Haynes in Physics and Astronomy for support of the Nuclear Physics Program for one year.
39. Grant of \$20,676 from the National Institutes of Health to be used under the direction of J. A. King in Zoology to study the interaction of genetic and environmental factors in the ontogeny of adaptive and maladaptive behavior patterns.

NEW BUSINESS, continuedGifts and  
GrantsGifts and Grants, continued

40. Grant of \$87,900 from the National Science Foundation to be used under the direction of J. R. Shaver in Zoology for immunochemical and biological studies on the surface components of frog gametes in order to determine their role in fertilization, with particular emphasis on the species-specificity of that process.
41. Grant of \$8,500 from the Peace Corps of Washington, D.C., to be used under the direction of C. F. Wrigley in the Computer Institute for Social Science Research for more detailed checking and editing of data for computer analysis.
42. Grant of \$6,800 from the National Institutes of Health for support of a graduate student in Psychology, under the direction of S. H. Bartley.
43. Grant of \$500 from the National Institutes of Health for a grant to a postdoctoral student under the direction of C. K. Whitehair in Pathology.
44. Grant of \$5,000 from the Inter-Industry Highway Safety Foundation of Detroit to be used under the direction of G. H. Sheehe in Continuing Education for scholarships for the advanced course in driver education.
45. Grants as follows to be used under the direction of A. L. Hunter in Continuing Education for support of the Adventure in World Understanding program:
  - \$25 from Blanche L. Fine of Lansing
  - \$150 from Lindell Drop Forge Company of Lansing
  - \$150 from Bruce J. Maguire of Lansing
  - \$150 from The Olofsson Corporation of Lansing
  - \$50 from Beulah D. Bogue of Lansing
  - \$100 from Sears, Roebuck & Company of Lansing
  - \$165 from the Michigan Division of the Woman's National Farm & Garden Association of Union Lake
  - \$50 from the Flint Lions Club Auxiliary
  - \$150 from the Michigan National Bank of Lansing
  - \$100 from Zenon Hansen of Lansing
46. Grant of \$230,400 from the National Aeronautics and Space Administration of Washington, D.C. to be used under the direction of M. E. Muelder in the Graduate School for training 12 predoctoral graduate students in the space-related sciences and technology during a period of three years beginning September 1, 1965.
47. Grant of \$67,318 from the National Science Foundation to be used under the direction of K. G. Stone in the Graduate School for 11 graduate traineeships in engineering and the mathematical and physical sciences (including biochemistry and biophysics.)
48. Grant of \$6,000 from the Woodrow Wilson National Fellowship Foundation of Princeton, New Jersey. This is a subvention to the Graduate School amounting to \$2,000 for each Woodrow Wilson Fellow registered in 1964-65.
49. Grant of \$20 from Phi Beta Kappa of East Lansing to be used under the direction of W. H. Knisely in the Institute of Biology and Medicine for in vivo observation on circulation in small animals.
50. Grants as follows to be used under the direction of Homer Higbee in International Programs to give emergency aid to foreign students:
  - \$22 from the Lansing Chapter of PEO
  - \$200 from the Junior Red Cross of Lansing
51. Grant of \$10,270 from the Midwest Universities Consortium for International Activities of Urbana, Illinois, to be used under the direction of R. H. Smuckler in International Programs to finance the salaries of Karl T. Hereford, Burton D. Friedman, and John P. Henderson to provide released time to complete studies.
52. Grant of \$300 from Columbia Gas of Ohio, Inc., to be credited to the Discretionary Gift Fund. This contribution is made because of the employment of a graduate of Michigan State University.
53. Grant of \$250 from The Holland Evening Sentinel to be used for the advancement of Michigan State University. This is to be credited to the Discretionary Gift Fund.
54. Gift of 6 shares of The Dow Chemical Company common stock valued at \$456 from R. William Caldwell, Class of 1938, of Midland, to be credited to the MSU Development Fund and earmarked for the College of Engineering.
55. Gift of 100 shares of American Motors Corporation capital stock valued at \$1,400 from Mr. and Mrs. Ryman Herr of Flemington, New Jersey. Proceeds of the stock sale are to be credited to the MSU Development Fund as Mr. and Mrs. Herr's 1964 gift.
56. Gift of 100 shares of Investors Mutual, Inc., capital stock valued at \$1,234 from Walter F. Patenge of East Lansing. Proceeds of the stock sale are to be credited to the MSU Development Fund, and this gift is the 1964 balance to the Presidents Club pledge and full payment of his 1965 pledge.

January 21, 1965

NEW BUSINESS, continuedGifts and Grants, continued

57. To increase the usefulness of the Hidden Lake Gardens at Tipton, the University has long desired the construction of a seminar building to service the many visitors to the Gardens. Some months ago, Mr. and Mrs. Ray Herrick of Tecumseh indicated that it was their intention to provide the funds for this project. On December 31, 1964, a check was received from Mr. and Mrs. Herrick in the amount of \$250,000 to help defray the costs of the construction of this building. The architectural work will be done by Mr. Herrick's architect. The Herricks will participate in the decisions with reference to the materials used, et cetera. It is recommended that the Board accept this grant and instruct its officers to convey the sincere appreciation of the Trustees and of the University for this generous gift.
58. Grant of \$129,450 from the National Science Foundation for support of 25 graduate traineeships distributed as follows:
- |                               |   |
|-------------------------------|---|
| 2 in Agricultural Engineering | 3 in Mathematics  |
| 1 in Chemical Engineering     | 3 in Mathematical Statistics  |
| 2 in Civil Engineering        | 2 in Chemistry  |
| 4 in Electrical Engineering   | 3 in Physics  |
| 1 in Engineering Mechanics    | 3 which may be assigned in the engineering, mathematical or physical sciences (including biochemistry and biophysics) |
| 1 in Mechanical Engineering   |   |

Gifts and Grants

This grant will be under the direction of Kenneth G. Stone, Assistant Dean for Advanced Graduate Studies, and terminates on September 30, 1966.

59. We have been advised by the Director of the Office of Water Resources Research of the United States Department of the Interior that the Water Research Institute is one of the 14 in the initial group to receive an allotment of \$75,000 for the fiscal year ending June 30, 1965.

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

Reports for Board Members

1. The following alteration and improvement items have been approved since the December meeting of the Board of Trustees and charged to Alterations and Improvements, 11-5173:
- |  |         |
|--|---------|
| a. Install fence around WKAR-FM antenna system to comply with request from Insurance Company         | \$1,625 |
| b. Improve lighting in Rooms 126A, B, C and 312 Physics-Mathematics Building, for Physics Department | 480     |
| c. Improve ventilation in Room 29, Giltner Hall, for Physiology Department                           | 450     |
| d. Remove classroom seating in Room 208, Physics-Mathematics Building for Mathematics Department     | 190     |
| e. Tile Personnel entrance to Personnel Center   | 60      |
| Total  | \$2,805 |
2. Additional payment to salaried employees since the December meeting of the Trustees, as per list on file.

Alterations and improvement approved

OAKLAND UNIVERSITYMiscellaneous

- Change David Di Chiera from Assistant Professor of Music to Assistant Dean for Continuing Education and Assistant Professor of Music with a change from a 10-month basis at a salary of \$8,000 to a 12-month basis at a salary of \$10,500 per year, effective January 1, 1965 paid 50% 91-7401 and 50% 21-3074.
- Transfer of Lowell R. Eklund, Associate Dean for Continuing Education, from Board appointment to the Classified Rolls, effective January 1, 1965. His title will be Associate Dean for Continuing Education AP-X and Director of the Mott Center for Community Affairs. His salary is to be paid two-thirds from 51-5847 and one-third from 91-7081.
- Increase in salary for James D. Hicks, Director of the Meadow Brook Music Festival AP-IX from \$11,500 to \$12,000 per year, effective January 1, 1965.
- Change Herbert N. Stoutenburg, Jr., from Dean of Student Affairs, Assistant to the Chancellor, and Registrar AP-IX to Dean of Student Affairs and Assistant to Chancellor AP-IX, effective January 1, 1965.
- Change Priscilla Jackson from Director of Conferences and Institutes AP-I at a salary of \$6,400 per year on a 10-month basis to Assistant Director of the Mott Center for Community Affairs AP-III at a salary of \$8,062 per year on a 12-month basis, effective January 1, 1965, paid 100% from 51-5847.
- Change Dorothy C. Hope, Director of Placement and Assistant Director of Alumni Relations from an AP-I to an AP-III level with a change in salary from \$7,200 to \$7,700 per year, effective January 1, 1965.

Approval  
Oakland  
University  
Items

OAKLAND UNIVERSITY, continuedMiscellaneous, continued

Approval  
Oakland Univ.  
Items

7. Change Thomas H. Atkinson from Assistant Registrar AP-V to Registrar AP-VII with a salary change from \$8,700 to \$10,000 per year, effective January 1, 1965.
8. Recommendations from the Director of Personnel, as follows:
  - a. Reclassify a Typist-Dictaphone Operator III to a Departmental Secretary V position in the Division of Humanities.
  - b. Reclassify a Typist-Dictaphone Operator III to a Departmental Secretary V position in the Division of Science and Engineering.
  - c. For the Mott Center for Community Affairs:
    - (1) Establish a Director, Mott Center and Associate Dean for Continuing Education AP-X position
    - (2) Establish a Director of Community Schools Program AP-VIII position
    - (3) Establish an Assistant Director AP-III position.
    - (4) Establish an Assistant, Mott Center, VIII position
    - (5) Establish three Clerk-Stenographer III positions.
9. Recommendation from Chancellor Varner that the Board approve the establishment of the Mott Center for Community Affairs, effective January 1, 1965.
10. Request from Chancellor Varner for authorization to order an extension for the music shell in the Baldwin Pavilion from the Stagecraft Corporation at a cost not to exceed \$10,000 and paid from the Meadow Brook Festival account. The Stagecraft Corporation designed the original shell and submitted the lowest bid for its construction and installation.

Oakland Univ.  
Gifts and  
Grants  
accepted

Gifts and Grants

1. Gift of one geodoseic dome and bleachers with a seating capacity of 650 valued at \$11,500 from The Ford Motor Company of Birmingham.
2. Grants to be used for scholarship purposes:
  - a. \$1,500 from The Mary Louise Johnson Foundation of Detroit for the benefit of three students studying biology.
  - b. For the Awards Account, 32-3359:
    - \$100 from the Berkley Junior Chamber of Commerce
    - \$200 from the Community Scholarship Fund of Teaneck, New Jersey
    - \$119 from the Henry L. Doherty Educational Foundation of New York City
    - \$100 from the Ecorse V.F.W. Post 5709 & Ladies Auxiliary Scholarship Fund
    - \$600 from the Elks National Foundation of Boston, Massachusetts
    - \$100 from the Girls Athletic Association of Lincoln High School of Royal Oak
    - \$300 from the Lion's Club of Wayne
    - \$250 from the Michigan Jaycees of Lansing
    - \$150 from the Michigan Mathematics Prize Competition of Kalamazoo
    - \$108 from the Mt. Clemens High School
    - \$615 from Wilbur L. Ott for the Jean Ott Memorial Scholarship of Pontiac
    - \$1,500 from the Pontiac Press of Pontiac
    - \$681 from the Royal Oak Daily Tribune
    - \$500 from the Royal Oak Rotary Club
    - \$150 from the Wayne Federal Teachers
  - c. For the Scholarship Account, 32-3227:
    - \$500 from the Alvin M. Bentley Foundation of Owosso
    - \$400 from The Detroit Edison Company of Detroit
    - \$1,000 from Max M. Fisher of Franklin
    - \$500 from Mr. and Mrs. Jack W. Haupt of Clarkston
    - 2 shares of Class A stock in GM Shares, Inc., valued at \$1,180.50 from O. E. Hunt of Bloomfield Hills
    - \$648 from the National Foundation of Rochester
    - \$648 from the National Twist Drill and Tool Company of Rochester
    - \$1,467.58 from the Oakland County Scholarship Committee of Rochester
    - \$500 from O'Dell, Hewlett and Luckenbach, Inc., of Birmingham
    - \$6 from Donald O'Dowd of Bloomfield Hills
    - \$5 from Mrs. Howard B. Barker of Lake Orion
    - \$250 from Pontiac-Oakland Town Hall, Inc. of Pontiac
    - \$500 from the Rotary Club of Pontiac
    - \$300 from Fred W. Sanders of Bloomfield Hills
    - \$1,000 from George Trumbull of Bloomfield Hills
    - \$10 from the Village Womans Club of Birmingham and Bloomfield Hills
    - \$50 from Frederick G. Weed of Orchard Lake
    - \$330 from the Women's National Farm & Garden Association, Inc. of Lansing
    - \$500 from Rochester Paper Company of Rochester
3. Grants as follows to be used under the direction of Chancellor Varner and credited to the Discretionary Gift Account:
  - a. \$1,500 from Harold A. Fitzgerald of Pontiac
  - b. \$500 from Carlton M. Higbie, Jr. of Rochester.

OAKLAND UNIVERSITY, continuedGifts and Grants, continuedOakland  
University  
Gifts and  
Grants

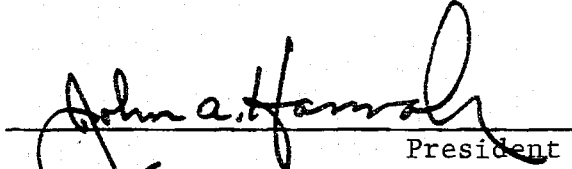
4. Grants as follows to be used under the direction of Chancellor Varner and credited to the Meadow Brook Music Festival account:
  - a. 50 shares of Chrysler Corporation common stock valued at \$3,106 from Mr. and Mrs. R. S. Bright of Bloomfield Hills.
  - b. 15 shares of Ex-Cell-O Corporation common stock valued at \$615 from Mr. and Mrs. C. Henry Buhl of Detroit.
  - c. 19 shares of Procter & Gamble Co. common stock valued at \$1,553.25 from David L. Gamble of Grosse Pointe.
  - d. 150 shares of The One William Street Fund capital stock valued at \$2,170.50 from Mrs. Henry C. Johnson of Bloomfield Hills
  - e. \$10,000 from Mr. and Mrs. Roger M. Kyes of Bloomfield Hills.
5. Grant of 200 shares of Ford Motor Company common stock valued at \$10,850 from Mr. and Mrs. M. L. Katke of Bloomfield Hills to be credited one-half to the Meadow Brook Music Festival and one-half to be set up in Marvin L. Katke Gift Account.
6. Gift of 500 shares of General Motors common stock valued at \$47,750 from Mr. and Mrs. George T. Trumbull of Bloomfield Hills, the proceeds to be used in support of the building fund of the Meadow Brook Music Festival.

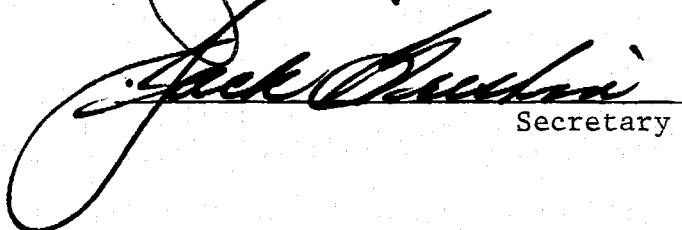
On motion by Mr. Nisbet, seconded by Mr. Stevens, it was voted to approve all Oakland University Items.

Reports for Board Members

1. Additional payments to salaried employees since the last report to the Board and up to December 15, 1964, as per list on file.

The Board adjourned at 12:15 p.m. to meet Wednesday evening February 3 and Thursday, February 4.

  
President

  
Secretary