

MINUTES OF THE MEETING
of the
FINANCE COMMITTEE
May 18, 1961

The Finance Committee convened at Kellogg Center at 7 o'clock for breakfast.

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

Absent: No one

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

Investments

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

Pension & Retirement Fund

<u>Amount</u>	<u>Security</u>		<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend selling:						
\$75,000	U.S. Treasury 3 $\frac{1}{2}$ s-2-15-90 (of \$250,000)		95	\$71,250	\$2,625	3.7%
\$90,000	U. S. Treasury 3 $\frac{1}{2}$ s-11-15-98 (of \$260,000)		95	85,500	3,150	3.7%
936 shs	Continental Insurance \$2.20		61	87,096	2,059	3.6%
Recommend purchasing:						
\$50,000	U S. Steel 4 $\frac{1}{2}$ s-1986		101	50,500	2,250	4.5%
\$50,000	Continental Oil 4 $\frac{1}{2}$ -1991		101	50,500	2,250	4.5%
\$50,000	Montgomery Ward Credit Subordinated 5 $\frac{1}{4}$ s-1981		105	52,500	2,625	4.8%
up to						
1,200	Monsanto Chemical \$1.00		47	56,400	1,200	2.1%
1/2	American Natural Gas (new) (2,662 $\frac{1}{2}$ shs. held following 2 $\frac{1}{2}$ -for-1 stock split)		38	19		

Jenison Fund

Recommend selling:						
205	Continental Insurance \$2.20		61	12,505	451	3.6%
Recommend purchasing:						
250	Monsanto Chemical \$1.00		47	11,750	250	2.1%
1/2	American Natural Gas (new) (667 $\frac{1}{2}$ shs. held following 2 $\frac{1}{2}$ -for-1 stock split)		38	19		

Albert H. Case and Sarah A. Case

Recommend selling:						
100 shs	Gillette (of 200 shs.) \$2.50+		117	11,700	250+	2.1%
Recommend purchasing:						
75 shs.	Deere & Company (125 shs. held) \$2.00		57	4,275	150	3.5%
150 shs.	Monsanto Chemical \$1.00		47	7,050	150	2.1%

Consolidated Investment Fund

<u>Amount</u>						
Recommend selling:						
176	Continental Insurance \$2.20		61	10,736	387	3.6%
100	Gillette (of 200 shs) 2.50+		117	11,700	250+	2.1%
Recommend purchasing:						
300	Monsanto Chemical 1.00		47	14,100	300	2.1%
100	Deere & Company (100 shs. held) 2.00		57	5,700	200	3.5%
1/2	American Natural Gas (new) (537 $\frac{1}{2}$ shs. held following 2 $\frac{1}{2}$ -for-1 stock split)		38	19		

Spartan Fund

Recommend selling:						
30 shs	Gillette Co. (of 60 shs.) 2.50+		117	3,510	75+	2.1%
Recommend purchasing:						
75 shs.	Monsanto Chemical 1.00		47	3,525	75	2.1%
1/2 sh.	American Natural Gas (new) (152 $\frac{1}{2}$ shs. held following 2 $\frac{1}{2}$ -for-1 stock split)		38	19		

May 18, 1961

Finance Committee Items, continued

Investment
recommendation

1. Recommendations from Scudder, Stevens & Clark, continued:

Forest Akers Fund

Amount	Security		Approx. Price	Principal	Income	Yield
Recommend selling:						
40 shs.	Gillette Company (of 120 shs.)	\$2.50+	117	\$4,680	100+	2.1%
Recommend purchasing:						
100 shs.	Monsanto Chemical	1.00	47	4,700	100	2.1%
1/2 sh.	American Natural Gas (new) (192 $\frac{1}{2}$ shs. held following 2 $\frac{1}{2}$ -for-1 stock split)			38	19	

Fred T. Russ Fund

Recommend selling:						
\$14,000	U.S. Treasury 2 $\frac{1}{2}$ s-12-15-69 (of \$38,000)		91	12,740	350	3.6%
Recommend purchasing:						
100 shs.	Associates Investment	2.60	68	6,800	260	3.8%
100 shs.	Deere & Company	2.00	57	5,700	200	3.5%

Insurance Fund

With proceeds from maturity of:						
\$33,000	U.S. Treasury 4 3/8s-5-15-61		100	33,000	1,444	4.4%
Recommend purchasing:						
\$33,000	U.S. Treasury 3s-2'15-64		100	33,000	900	3.0%

(As a substitute for this recommendation, the Board decided that we should purchase \$33,000 of U. S. Treasury 3 $\frac{1}{2}$ s maturing February 15, 1990 that we are selling from the Pension and Retirement Fund.)

Rental on
apartments
for married
students and
faculty in-
creased in
amt \$9 mo.On motion by Mr. Harlan, seconded by Mr. Merriman, it was voted to approve Item 1.Dormitory
rates inc.
\$7 per term

2. It is recommended that the Board authorize an increase in the rental charge for the apartments occupied by married students and faculty in the amount of \$9 per month, effective September 1, 1961. Mr. May distributed financial facts that justify this action.
3. It is recommended that the Board authorize an increase in the rate charged for dormitory rooms in the total amount of \$21 for the year, or \$7 per term, effective September 1, 1961. This will make the total annual rate \$786, and the term rate \$262. Mr. May distributed copies of the financial facts that require this increase in rate if we are to keep our dormitory financing on a sound financial basis.

Hon. degree
for Arthur
Vinson post-
poned.
Talbert Abrams
to be awarded
hon. degree.On motion by Mr. Huff, seconded by Mr. Harlan, it was voted to approve Items 2 and 3.

4. Discussion of honorary degrees and the postponement of awarding the degree previously voted for Arthur F. Vinson of Scarsdale, New York. The Committee on Honorary Degrees recommends awarding an honorary degree of Doctor of Engineering to Mr. Talbert Abrams of Lansing at the June Commencement.

On motion by Mr. Harlan, seconded by Mr. Merriman, it was voted to approve Item 4.Request from
MSU employees
Union that 5
members be
given lve
with pay to
attend meeting

5. Secretary Breslin presented to the Board a request from the Michigan State Employees Union that five employees of Michigan State University Local 1585 be given administrative leave with pay to attend the eighth Annual Summer Institute which will be held at St. Mary's Lake, Battle Creek Michigan, on June 11-14, 1961.

After considerable discussion, on motion by Mr. Huff, seconded by Mr. Merriman, it was voted to disapprove this request. Mr. Stevens and Mr. Vanderploeg voted NO on this motion.Addition to
heating plant
MSU-O -
\$225,000 listed
in original
Capital Outlay
Budget detail

6. Trustee Huff raised the question as to whether or not the Board had authorized the request of MSU-O for an addition to the heating plant, including a building addition, boiler and auxiliary equipment costing \$225,000. Vice President May stated he was sure this request was authorized by the Board under the category "Remodeling and Additions", when the University's Capital Outlay request was made to the Department of Administration in October of 1960. This request does appear on page 13 of the Department of Administration Capital Outlay Budget Detail for the fiscal year ending June 30, 1962 under the classification "Remodeling and Additions."

On motion by Mr. Huff, seconded by Mr. Harlan, it was unanimously voted to accept the action of the Legislature in appropriating to MSU-O \$225,000 for this project.

Adjourned.

MINUTES OF THE MEETING
OF THE
BOARD OF TRUSTEES
May 18, 1961

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

Absent: No one

The meeting was called to order at 10:45 a.m.

The minutes of the previous meeting were approved.

SPECIAL MISCELLANEOUS

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

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

2. On motion by Dr. Smith, seconded by Mr. Merriman, the following action was unanimously voted:

Budget for
1961-62 to
be developed

In order to permit the development of a budget for the 1961-62 academic year within the resources that will be available, in view of the inadequate legislative appropriation, the Board of Trustees approve in principle the following proposals and instruct the officers of the University to prepare a budget for the 1961-62 academic year to be considered at the June Trustees' meeting incorporating, in as far as possible, these recommendations.

The Trustees regret that the exigencies of the present situation require the curtailment, postponement, or elimination of many very important and worthwhile activities and programs. The University will make every effort to secure funds in the future to make it possible to restore the important services and programs that are now being curtailed. The Trustees feel that first priority must be given to:

1. The preservation and continued improvement of the high quality of our educational programs.
2. Moving forward on the new educational programs and toward the objectives recently authorized by the Board of Trustees.
3. The maintenance of the morale and enthusiasm of our able faculty.
4. The acceptance of the maximum number of qualified students that can be provided for within our resources. We will be forced to hold the enrollment on the East Lansing campus to the same number as for the current year, or approximately 22,500 students instead of the 24,000 or more that had been planned for when our request for appropriations was submitted to the legislature and the Governor. This means that opportunity for at least 1,500 qualified students will be denied them.

Our problem is complicated by the fact that:

1. In the recent years of austerity budget after austerity budget, our expenditures and budgets for scientific and educational equipment have been reduced year after year until we are now spending only one-half as much per year for equipment as we did prior to 1958; our annual expenditures for supplies and services, including expendable supplies for our teaching laboratories, have been reduced and reduced and reduced. Expenditures in these areas cannot be reduced further, and in many departments and programs the budgets for supplies and equipment must be increased if we are to maintain any reasonable quality in our educational program.
2. Substantial commitments for new staff have been made and will have to be kept. These are in the departments where there have been sharp increases in enrollment in recent years such as foreign languages, history, physics, mathematics, etc.
3. New buildings nearing completion will have to be heated, lighted, and maintained so that they may be used during the next year, at a very substantial cost.
4. Retirement and social security increased costs will have to be met.
5. It is necessary to somehow provide funds to make it possible to keep salaries and wages somewhere near the competitive levels of other universities and other employers with whom we must compete for able faculty members and competent employees.

Reductions of Present Programs

1. Highway Traffic Safety Center

It is recommended that we phase out the Highway Traffic Safety Center program as rapidly as possible, transferring this personnel to other departments.

2. Labor and Industrial Relations Center.

It is recommended that this program be reviewed in the same manner as all other operations of the University at a saving in cost, and that a portion of the cost of this program be charged to funds now allocated to Continuing Education.

continued - -

May 18, 1961

2. 1961-62 Budget, continued:

Budget 1961-62

3. Summer School.

It is recommended that the administration of the Summer School program be included as a part of the Continuing Education operation and budget, with the cost borne by the Continuing Education program.

4. Community College Cooperation.

It is recommended that the budget for the Community College Cooperation activity be transferred to Continuing Education with the cost of this operation charged to the budget for Continuing Education.

5. Vice President Sabine's program.

It is recommended that our expenditures for scholarships, admissions, Registrar's Office, University catalog, and other responsibilities reporting to Vice President Sabine, be reduced substantially.

6. Publications.

It is recommended that the University withdraw its subsidy for the printing of regularly published publications. If departments or colleges wish to continue these publications, the cost will have to be borne within regularly budgeted funds of the department or college, and after the amount of the present subsidy for printing and distribution is subtracted from the present operating budgets.

7. Miscellaneous eliminations and curtailments.

It is recommended that the following operations be eliminated, curtailed, or required to be carried by the appropriate colleges within their regular budgets:

The University support of Farmers' Week

The Bureau of Social and Political Research

The Center for the Study of Higher Education

Clerical and classified help in the ROTC offices

Forensics

The Department of Foreign Studies in the College of Science and Arts

The Cap and Gown Series

8. It is recommended that the Upper Peninsula Experiment Station, which has been financed with University funds, be closed or in the future financed entirely from College of Agriculture funds.
9. It is recommended that all activities in the general field of television, radio, and information services be reduced by approximately 10%.
10. It is recommended that the present budget for the International Student Center be absorbed within the student Union budget, and that the Future Farmers appropriation be absorbed within the budget of the College of Agriculture.
11. It is recommended that there be a reduction in the activities and budget of the Office of the Vice President for research and Development.
12. Other departments.

It is recommended that there be a careful review and reappraisal of all activities and operations throughout the University with the understanding that savings be undertaken wherever feasible. It is anticipated that substantial reduction in dollar allocations will be made in the following places:

- a. In the reappraisal of the Institution Administration program in the College of Home Economics.
 - b. Through the reduction of the required physical education courses now required for two years to one year for all freshman and sophomore students.
 - c. Through the reduction in the allocation of funds for the following programs: The Canadian Institute; the Audio-Visual Center; the Dean of International Programs; the Health Service; the Placement Service; the Alumni Office; the Protective and Safety Services; the Office of the Supervising Architect; the Office of the University Business Office.
13. It should be made clear the mentioning of any activities included does not mean that these programs are necessarily more vulnerable, or more subject to scrutiny and review than other programs, operations, or departments that have not been specifically enumerated.

2. 1961-62 Budget, continued:

New Revenues

Budget 1961-62

1. It is recommended that the fee for out-of-state students be increased from the present level of \$645 minimum, \$750 maximum, to a flat fee of \$750 per year for all out-of-state students. This will undoubtedly have the effect of decreasing the number of out-of-state students.
2. It is recommended that the Board rescind the action of 1958 authorizing our participation in the scholarship program authorized by the legislature in Public Act 245. This program provides free tuition for the children of deceased veterans. As the program is now administered, this has in it the potential for a very substantial increase in cost to this University, and it is now costing us \$20,000 per year. Students eligible for this waiving of fees, in most instances, are eligible to qualify for tuition grants under the Veterans Administration, or to apply for assistance through the State Veterans Fund.
3. The University provides Health Center services for its students at very substantial cost to the University. It is recommended that effective fall of 1961 there be no additional charge for students paying full fees, but that students carrying from 7 to 12* credits be charged an additional \$5 per term fee for health service, and that those carrying less than 7 credits not be provided health service facilities.
4. It is recommended that effective the fall term of 1961 all students be charged \$1 per term for the State News, which will relieve the University of a subsidy which has previously been granted to the State News.

Michigan State University-Oakland

It is necessary to make it possible for Michigan State University-Oakland to take a freshman class, to heat and maintain the buildings now under construction, and to carry forward with present commitments. It is proposed that \$100,000 of the \$205,000 additional money granted by the legislature to Michigan State University in total for all of its operations be allocated to MSU-O. The requirements for operation of MSU-O on the basis of two terms of the proposed trimester program will be authorized on a deficit basis with the understanding that a request will be made to the Michigan legislature for the balance of funds required in excess of the \$100,000 allocated from new funds, and the next session of the legislature can determine the availability of the third trimester for the 1961-62 year.

*This means 7 through 11 credits.

3. The long-time operation of Hidden Lake Gardens has been under study for the past several months. Until now the Department of Horticulture has been responsible for the operation of these Gardens. A committee consisting of Professors Tukey and Watson of the Department of Horticulture, and Mr. Lautner, Campus Landscape Architect, and his Assistant, Milton Baron, was authorized in August of 1960 to develop a site plan for the permanent development of these Gardens and a plan for their operation that could be submitted for the approval of the Board. It is recommended that the Trustees approve the following proposals:
 - a. Effective immediately, responsibility for future planning, construction, and maintenance of Hidden Lake Gardens will be the responsibility of the Campus Landscape Architect.
 - b. 10% of the income from the Fee Trusts for the Hidden Lake Gardens will be placed in a separate account to permit the conducting of research on problems or projects related to these Gardens and the objectives outlined by Mr. Fee, under the direction and control of the Department of Horticulture.
 - c. Fred Freeman, presently Horticulturist in charge of Hidden Lake Gardens, is given the title of Curator and Assistant Professor of Horticulture without teaching duties.
 - d. To provide consultation to the Campus Landscape Architect in the development and maintenance of the Hidden Lake Gardens, an advisory committee is authorized. Professors Tukey and Watson of the Department of Horticulture, and Professors Baron and Lautner of the Department of Urban Planning and Landscape Architecture, and Miss Jessie T. Fee will be the first advisory committee. The membership of this committee is to be reviewed by the President on an annual basis.

Hidden Lake
Gardens

On motion by Mr. Merriman, seconded by Dr. Smith, it was voted to approve the above recommendations with regard to Hidden Lake Gardens, effective immediately.

NEW BUSINESSResignations and Terminations

Resignations

1. James E. Gleason, 4-H Agent, Hillsdale County, June 24, 1961 to accept a foreign assignment to Austria.
2. James M. Hutchinson, 4-H Agent, Washtenaw County, May 15, 1961 to accept a position with the State Farm Bureau in the Insurance Field.

May 18, 1961

NEW BUSINESS, continued

Resignations

Resignations and Terminations, continued

3. Ethel M. Strang, 4-H Agent, Ingham County, June 30, 1961. Her husband is moving to Grand Rapids.
4. Mary Ellen Krupka, Home Economics Agent, Leelanau County, May 31, 1961 to accompany her husband to Chicago.
5. Jack E. Ryan, Assistant Professor of Police Administration and Public Safety, June 30, 1961 to accept an ICA position in Laos.
6. Maxine Hayden, Assistant Professor of Health, Physical Education and Recreation for Women, August 31, 1961. She wishes to go to a smaller college.
7. Bobby Palk, Assistant Professor of Education, August 31, 1961, to accept a position at George Peabody College for Teachers.
8. Emily Hobbs, Instructor in Home Management and Child Development August 31, 1961 to accept a position at Oklahoma State University.
9. Anne L. Olson, Instructor in Nursing, June 21, 1961 to study for her Master's Degree.
10. Walter P. Reid, Associate Professor of Mathematics, August 31, 1961 to accept a position with the Office of Naval Research.
11. Erich Fromm, Professor of Psychology, June 30, 1961. This was a temporary appointment and will not be renewed.
12. Kenneth R. Wurtz, Assistant Professor of Psychology, August 31, 1961 to continue U. S. Post Doctoral Internship for one year and then enter private practice.
13. Michael L. Dark, Instructor in Anatomy, August 31, 1961. Expiration of tenure.
14. James A. Williams, Assistant Professor of Veterinary Pathology, June 30, 1961 to accept a position with the Squib Institute for Medical Research.
15. Noble Bright, Jr. Administrative Officer, Nigeria Project, May 3, 1961, for health reasons.
16. Ruby V. Fox, Secretary, Vietnam Project, May 31, 1961. Completion of foreign assignment.
17. Patricia C. Peach, Secretary, Vietnam Project, May 19, 1961, for health reasons.

Leaves

Leaves--Sabbatical

1. Leonard H. Blakeslee, Associate Professor of Animal Husbandry with full pay from July 1, 1961 to August 31, 1961 to work in Japan for the USDA and Feed Grain Council.
2. Elmer C. Rossman, Professor of Farm Crops with full pay from September 16, 1961 to March 15, 1962 to study at North Carolina State.
3. Herman J. Carew, Professor (Ext.) of Horticulture with full pay from September 16, 1961 to March 15, 1962 to study and travel in England, Germany and Holland.
4. Joseph G. LaPalombara, Professor and Head of Political Science with one-third pay from September 1, 1961 to July 31, 1962 to study in Behavioral Science in Palo Alto, California.
5. William B. Drew, Professor and Head of Botany and Plant Pathology with full pay from October 1, 1961 to December 31, 1961 to study and travel in Southeast Asia.
6. Laurence L. Quill, Director of the Division of Mathematical and Physical Sciences and Professor of Chemistry with full pay from June 16, 1961 to August 15, 1961 for travel in Europe.
7. Milton Rokeach, Professor of Psychology with half pay from September 1, 1961 to August 31, 1962 to study in Behavioral Sciences, Palo Alto, California.
8. Harold L. Sadoff, Associate Professor of Microbiology and Public Health with half pay from September 1, 1961 to August 31, 1962 to study at the University of Washington.

Leaves--Military

1. Marvin W. Abbott, 4-H Agent, Cass County, without pay from May 16, 1961 to November 15, 1961.

Leaves--Health

1. Auley A. McAuley, Associate Professor of Natural Science with full pay from March 15, 1961 to June 9, 1961.
2. Albert E. Levak, Associate Professor of Social Science and Adviser to the Pakistan Project with full pay from May 8, 1961 to August 31, 1961, paid from Pakistan Project.

Leaves--Extension Summer School

1. Einer G. Olstrom, District Director Extension Northeast Michigan, with full pay from May 29, 1961 to June 17, 1961 to study at the University of Wisconsin.

NEW BUSINESS, continuedLeaves--Extension Summer School, continued

Leaves

2. Ralph A. Dold, 4-H Club Agent, Oceana County, with full pay from June 19, 1961 to July 7, 1961 to study at Colorado State University.
3. Lana G. Dart, Home Economics and 4-H Agent, Calhoun County with full pay from June 19, 1961 to July 7, 1961 to study at Colorado State University.

Leaves--Other

1. Norleen M. Ackerman, Home Economics Agent, Clare County without pay from July 17, 1961 to July 28, 1961 to travel in Europe.
2. Victor G. Strecher, Assistant Professor of Police Administration without pay from September 1, 1961 to August 31, 1962 to study at Washington University.
3. William Farquhar, Associate Professor of Education without pay from July 1, 1961 to July 31, 1961 to teach at Montana State.
4. Richard J. Reid, Assistant Professor of Electrical Engineering and Computer Laboratory, without pay from July 1, 1961 to August 31, 1961 to work at IBM.
5. Harlow M. Judson, Instructor in Electrical Engineering without pay from September 1, 1961 to August 31, 1962 to accept an NSF Fellowship.
6. Pandeli Durbetaki, Instructor in Mechanical Engineering without pay from September 1, 1961 to August 31, 1962 to accept an NSF Fellowship for study at Michigan State University.
7. Jerome H. Hemmye, Instructor in Mechanical Engineering without pay from September 1, 1961 to August 31, 1962 to study for his Ph.D. at the University of Michigan.
8. Robert P. Gilbert, Assistant Professor of Mathematics without pay from September 1, 1961 to August 31, 1962 to study at the University of Maryland.
9. Charles F. Wrigley, Professor of Psychology without pay from September 1, 1961 to August 31, 1962 to accept an NSF fellowship for study and research at the University of Michigan.

Appointments

Appointments

1. Glen G. Antle, Marketing Agent, Berrien and Van Buren Counties at a salary of \$8800 per year on a 12-month basis effective June 1, 1961.
2. Patricia Louise Hauk, County Agent in Residence at a salary of \$5000 per year on a 12-month basis effective July 1, 1961.
3. John Henry Heller, 4-H Club Agent, St. Clair County at a salary of \$8000 per year on a 12-month basis effective July 16, 1961.
4. Robert William McCrory, 4-H Agent, Washtenaw County, at a salary of \$6300 per year on a 12-month basis effective June 1, 1961.
5. Carol Jean Nelson, 4-H Agent, Ingham County, at a salary of \$5000 per year on a 12-month basis effective July 1, 1961.
6. Carroll Henry Wamhoff, 4-H Agent, Huron County, at a salary of \$6200 per year on a 12-month basis effective July 1, 1961.
7. Hugh E. Lockhart, Instructor in Forest Products, at a salary of \$6200 per year on a 10-month basis effective October 1, 1961.
8. David A. B. Booth, Assistant Professor of Political Science and Continuing Education, at a salary of \$6500 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
9. Jason Finkle, Assistant Professor of Political Science at a salary of \$7500 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
10. Harry J. Friedman, Assistant Professor of Political Science and Pakistan Project, at a salary of \$7500 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
11. Charles A. Joiner, Assistant Professor of Political Science and Continuing Education at a salary of \$6400 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
12. Donald W. Urquidi, Assistant Professor of Political Science at a salary of \$6500 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
13. Anthony R. Collins, Instructor in Speech at a salary of \$5700 per year on a 10-month basis effective September 1, 1961.
14. Roderick, Rightmire, Instructor in Television and Radio at a salary of \$6500 per year on a 10-month basis effective September 1, 1961 to August 31, 1963.
15. H. K. Kesavan, Assistant Professor of Electrical Engineering and Engineering Research at a salary of \$11,500 per year on a 12-month basis effective July 1, 1961. This is a temporary appointment.

NEW BUSINESS, continuedAppointments, continued

Appointments

16. Frances Kisner Magrabi, Associate Professor of Home Management and Child Development at a salary of \$9500 per year on a 12-month basis effective September 1, 1961.
17. Joanne Bubolz Eicher, Assistant Professor of Textiles, Clothing and Related Arts at a salary of \$8500 per year on a 12-month basis effective July 1, 1961.
18. Mary V. Walker, Instructor in Nursing, at a salary of \$7000 per year on a 12-month basis effective September 1, 1961.
19. Virginia F. Bodman, Assistant Professor of Music at a salary of \$3200 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
20. Gordon A. Flood, Instructor in Music at a salary of \$3600 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
21. Silvio Scionti, Professor of Music at a salary of \$10,200 on a 10-month basis effective September 1, 1961 to August 31, 1962.
22. William T. Sledd, Assistant Professor of Mathematics at a salary of \$7200 per year on a 10-month basis effective September 1, 1961.
23. Frank C. Nall, Assistant Professor (Res.) of Sociology and Anthropology at a salary of \$9000 per year on a 12-month basis effective July 1, 1961 to June 30, 1962.
24. Damie Stillman, Assistant Professor of Art at MSU-0 at a salary of \$7000 per year on a 10-month basis effective August 15, 1961.
25. Nat Simons, Jr. Assistant Professor of Economics at MSU-0 at a salary of \$6500 per year on a 10-month basis effective August 15, 1961.
26. James H. Stoddard, Assistant Professor of Mathematics at MSU-0 at a salary of \$7200 per year on a 10-month basis effective August 15, 1961.
27. Margaret Plant Thorp, Librarian, at a salary of \$5400 per year on a 12-month basis effective September 15, 1961.
28. Leslie C. Drew, Assistant Curator, Museum, and Instructor in Natural Science at a salary of \$6200 per year on a 12-month basis effective July 1, 1961.
29. Ronald J. Jursa, Admissions Counselor, Admissions and Scholarships, at a salary of \$6300 per year on a 12-month basis effective July 1, 1961.
30. Martha Mary McKnight, Secretary, Dean of International Programs at a salary of \$5000 per year on a 12-month basis effective April 24, 1961.
31. S. Alexander Billon, Professor of Business Administration, Brazil Project, at a salary of \$13,750 per year on a 12-month basis effective May 28, 1961. This is a temporary appointment.
32. Mary M. Tibbs, Secretary Nigerian Project, at a salary of \$5000 per year on a 12-month basis effective May 1, 1961 to April 30, 1963.
33. William G. Carnes, Professor of Urban Planning and Landscape Architecture at a salary of \$700 for the period July 17, 1961 to July 25, 1961.
34. Hideo Sasaki, Professor of Urban Planning and Landscape Architecture at a salary of \$550 for the period July 10, 1961 to July 14, 1961.
35. Edward Corbett, Professor of Art and Visiting Artist at a salary of \$1500 for the period June 19, 1961 to July 27, 1961.
36. Richard Proctor, Instructor in Art at a salary of \$810 for the period June 19, 1961 to July 27, 1961.
37. Eldon Neal VanLiere, Instructor in Art at a salary of \$810 for the period June 19, 1961 to July 27, 1961.
38. Edwin M. Smith, Instructor in Physics and Astronomy at a salary of \$2200 for the period June 19, 1961 to September 1, 1961.
39. Alvin W. Urquhart, Assistant Professor of Geography at a salary of \$1200 for the period June 19, 1961 to July 27, 1961.
40. Eduardo Cabiedes, Instructor in Foreign Languages at a salary of \$1000 for the period June 19, 1961 to August 11, 1961.
41. Don R. Iodice, Instructor in Foreign Languages at a salary of \$2000 for the period June 19, 1961 to August 11, 1961.
42. Gordon Farrell, Professor of Foreign Languages at a salary of \$2500 for the period June 19, 1961 to August 11, 1961.

NEW BUSINESS, continuedAppointments, continued

43. Sid D. Guillen, Instructor in Foreign Languages at a salary of \$1000 for the period June 19, 1961 to August 11, 1961.
44. Roger L. Hadlich, Instructor in Foreign Languages at a salary of \$1000 for the period June 19, 1961 to August 11, 1961.
45. Robert Kirsner, Professor of Foreign Languages at a salary of \$2000 for the period June 19, 1961 to August 11, 1961.
46. Leon Livingstone, Professor of Foreign Languages at a salary of \$2300 for the period June 19, 1961 to August 11, 1961.
47. Martha Murray, Instructor in Foreign Languages at a salary of \$1000 for the period June 19, 1961 to August 11, 1961.
48. Norman Paul, Associate Professor of Foreign Languages at a salary of \$2200 for the period June 19, 1961 to August 11, 1961.
49. Peter S. Presta, Associate Professor of Foreign Languages at a salary of \$2200 for the period June 19, 1961 to August 11, 1961.
50. Collette Renard, Instructor in Foreign Languages at a salary of \$1000 for the period June 19, 1961 to August 11, 1961.
51. Ann Tukey, Instructor in Foreign Languages at a salary of \$1000 for the period June 19, 1961 to August 11, 1961.
52. Irene Sanderson, Instructor in Foreign Languages at a salary of \$1000 for the period June 19, 1961 to August 11, 1961.
53. Richard B. Escue, Jr. Professor of Chemistry at a salary of \$3000 for the period June 21, 1961 to August 31, 1961.

Appointments

Transfers

1. Elizabeth Rusk, from Professor of Education and Director of the Preparatory English Program to Professor of English and Education at a change in salary from \$11,100 on a 12-month basis to \$10,500 per year on a 10-month basis effective September 1, 1961.
2. Kwan-wai So, from Associate Professor of Foreign Studies to Associate Professor of Foreign Studies and History at the same salary of \$8800 per year effective July 1, 1961.

Transfers

Salary Changes

1. Increase in salary for Mordechai E. Kreinin, Associate Professor of Economics to \$9900 per year on a 10-month basis effective June 1, 1961.
2. Increase in salary for William Lazer, Associate Professor of Marketing and Transportation to \$11,300 on a 10-month basis effective June 1, 1961.
3. Boris P. Pesek, Associate Professor of Economics to \$9800 per year on a 10-month basis effective June 1, 1961.

Salary
increases

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

Miscellaneous

1. Report of the assignment of Colonel James Frank Skells as Professor of Military Science and Tactics to replace Colonel Munson who has reached retirement age.
2. Change in status of Anna Ganung, Instructor in Health, Physical Education, and Recreation, from full time at \$5,000 per year to half time at \$2,500 per year, effective from September 1, 1961, to August 31, 1962.
3. Change in status of William S. Cariens, Instructor in Mechanical Engineering, from full time at a salary of \$6400 per year to three-fourths time at \$4800 per year effective from September 1, 1961 to August 31, 1962.
4. Change in salary for Eldon N. Van Liere, Instructor in Art, from \$583.33 per month to \$633.33 per month, effective from May 1 to June 30, 1961.
5. Additional pay for Harrison R. Hunt, Professor Emeritus of Zoology, in the amount of \$6000 per year, effective from June 1, 1961 to May 31, 1962 and paid from National Institutes of Health grant, account 71-2175. This is in addition to his retirement salary.
6. Change in status of Henry S. Leonard from Professor and Head of Philosophy to University Professor with a salary increase from \$13,600 per year on a 12-month basis to \$15,000 per year on a 10-month basis, effective September 1, 1961.

Assignment
Colonel Jas.
Skells as
Prof. Mil.
Science
Ch. status
Anna Ganung

Ch. status
Wm. S.
Cariens

Ch. salary
Eldon N.
Van Liere
Add. pay Dr.
Hunt thru
May 31, 1962

Ch. status
Henry S.
Leonard to
Univ. Prof.

NEW BUSINESS, continuedMiscellaneous, continued

- Transfer
Marjorie Jackson = Classif.
- Ch. lve.
Noble Bright
- Payment \$1989
Wm. T. Ross
- Payment
\$1394.73 to
Albert Levak
- Also change
in salary
Albert Levak
- Assignment
Alvin L. Kenworthy adviser
Ryukyus Proj.
- Edward Miller
to Taiwan Pro.
- Report of
death B.L.
DePottyondy
- Widow to
receive sal-
ary 6 mos.
Report of
death Wm.
Fischer
- Report of
death B.E.
Hartsuch
- Report of
death Forrest
Townsend
- Approval
recommenda-
tions from
Director of
Personnel
- Approval
new regula-
tions ROTC
making it
voluntary
rather than
compulsory
7. Transfer of Marjorie Jackson from Secretary to the Dean of International Programs on Board appointment to the classified rolls, effective April 24, 1961.
 8. Change in leave without pay for Noble Bright, Jr., Administrative Officer in the Nigeria Project, to a leave with pay from April 21 to May 3, 1961.
 9. Payment of \$1,989 to William T. Ross for accumulated annual leave at the end of his foreign assignment with the Pakistan Project, paid from account 71-2034.
 10. Payment of \$1,394.73 to Albert E. Levak from the Ford Foundation Pakistan Project account 71-2034. This is payment of lost income tax exemption because of his early return from foreign assignment.
 11. Change in salary for Albert E. Levak from \$11,400 to \$10,375 per year, effective from May 8 to August 31, 1961, paid from account 71-2034.
 12. Assignment of Alvin L. Kenworthy, Professor of Horticulture, as an adviser to the Ryukyus Project, at the same salary of \$13,000 per year, effective from May 8 to June 30, 1961, paid from account 71-2023.
 13. Assignment of Edward C. Miller, Associate Professor of Animal Husbandry, as an adviser to the Taiwan Project at a salary of \$12,900 per year, effective from May 11, 1961 to June 15, 1963, paid from account 71-2026.
 14. Report of the death of Bela L. De Pottyondy, Librarian at the Library, on April 26, 1961. Mr. De Pottyondy was born on July 30, 1910, and has been a member of the University staff since September 16, 1956.
- It is recommended that the widow of Mr. De Pottyondy continue to receive his salary for 6 months beyond the date of his death.
15. Report of the death of William Nathan Fischer, employed at the Kellogg Farms on April 10, 1961. Mr. Fisher was born on April 21, 1910, and had been employed by the University since June 7, 1948.
 16. Report of the death of Bruce E. Hartsuch, Associate Professor of Chemistry, on April 27, 1961. Mr. Hartsuch was born on December 23, 1888, was employed by the University on September 1, 1911, and was retired on July 1, 1954.
 17. Report of the death of Forrest Reed Townsend, Supervisor in the Brody Dormitories, on April 1, 1961. Mr. Townsend was born on September 9, 1902, and had been an employee of the University since February 22, 1954.
 18. Recommendations from the Director of Personnel as follows:
 - a. Reclassification of a Clerk-Stenographer I to a Clerk-Stenographer II position in Agricultural Engineering, paid from Extension funds.
 - b. Reclassification of a Clerk-Stenographer I to a Clerk-Stenographer II position in Forest Products.
 - c. Establishment of an Assistant Manager, Mimeograph IVA position in Mimeograph with a salary range of \$5,880 to \$6,960, paid from account 21-2937.
 - d. Establishment of an Account-Clerk II position in the Union Book Store.
 19. Communication from Mrs. Soria expressing gratitude to the Board of Trustees for the resolution sent her on the death of her husband.
 20. Communication from Mrs. Louise H. Carpenter expressing gratitude to the Board for sabbatical leave for the coming year prior to her retirement.
- On motion by Mr. Vanderploeg, seconded by Mr. Harlan, it was voted to approve Miscellaneous Items 1 through 20.
21. The Faculty Committee on the ROTC, together with representatives from the Departments of Military and Air Science, met on May 3 to discuss the matter of implementing a program which will move the University from a compulsory to an optional ROTC program. After a lengthy discussion, the Faculty Committee agreed unanimously to recommend to you the following:
 - a. In view of the posture now being taken by the Department of Defense that "compulsory ROTC is not essential to satisfy the military requirements of the Armed Forces, if elective programs are properly organized and supported", the Committee recommends that Michigan State University place its basic ROTC program on an optional or voluntary basis similar to that recommended by the Academic Senate a year ago, with the optional program to be fully implemented not later than the fall term 1963.
 - b. In order to facilitate an effective and orderly transition from the required to the elective program, the Committee recommends that:
 - 1) Required basic ROTC remain in effect for the academic year 1961-62.
 - 2) Freshmen enroll in ROTC on an optional basis in 1962-63, and sophomores who enrolled as freshmen in 1961-62 complete the second year of basic ROTC in 1962-63.

continued - -

NEW BUSINESS, continuedMiscellaneous, continued

21. Recommendations on ROTC, continued:

b. Committee recommendations, continued:

3) The completely optional program be effective in the fall of 1963.

The rationale for recommending that the optional program not begin until the academic year 1963-64 is as follows:

- a) It will provide an orderly scale-down of military staffs, facilities, uniforms, and supplies.
 - b) It will permit greater experimentation with planning an effective voluntary program.
 - c) It would conform with the present procedure that the catalog requirements existing at the time of initial enrollment shall govern.
 - d) This will probably be the effective date for implementing the proposed revised programs of both the Army and Air Force, and some advantages may accrue from having the two events occur simultaneously.
 - e) It would tend to reduce the drop in the enrollment in advanced programs that would inevitably result from an abrupt change from a compulsory to a voluntary plan.
- c. Realizing that it will be necessary under the elective plan to assist the military departments if they are to secure a reasonable number of able students for their programs, we recommend that a meaningful and forward-looking orientation program be devised and put into operation to inform and interest students in the purposes and possibilities of ROTC. This program should be the responsibility of the military services, with full cooperation of the civilian staff of the University.
- d. The Committee does not endorse the full term course in orientation to military-world affairs contained in the recommendation of the Academic Senate a year ago. Rather it favors, among other things, that a short series of orientation lectures be given sometime during the freshman and sophomore years, depending upon the nature of the military programs of the future.
- e. After a period of 3 years from 1962-63, the voluntary program shall be reviewed in order to determine whether the University has met and will continue to meet on a voluntary basis its fair share of responsibility in the production of production of professional and reserve officers.

It is recommended that the Board approve in principle the recommendations of the Committee. At present the compulsory ROTC program will continue for the 1961-62 academic year, but the freshman class entering in 1962 will have an opportunity to enroll in a voluntary program. An orientation course will be substituted for part of the compulsory ROTC in the fall of 1962. Details are to be worked out by the appropriate faculty committees.

On motion by Mr. Vanderploeg, seconded by Mr. Stevens, it was voted to approve the above recommendations on ROTC. Mr. Harlan and Mr. Merriman voted NO on this recommendation.

22. The following promotions are recommended to be effective July 1, 1961:

To Professor

Agriculture

Cooperative Extension Service
Agricultural Economics

Animal Husbandry

Farm Crops

Forestry

Poultry Science

Resource Development

Soil Science

- Russell G. Mawby
- James M. Nielson
- James D. Shaffer
- Edward C. Miller
- Leyton V. Nelson
- Lester E. Bell
- Lloyd R. Champion
- Clifford R. Humphrys
- Max M. Mortland

Business and Public Service

Dean's Office

Accounting and Financial Administration

Business Services

Economics

- Paul E. Smith
- Charles Lawrence
- Hendrik Zwarensteijn
- Mordechai E. Kreinin
- Charles P. Iarrowe
- Thomas Mayer
- William Lazer
- Donald A. Taylor
- Eugene E. Jennings

Marketing and Transportation

Personnel and Production

Approval
ROTC
recommenda-
tiona making
it voluntary
rather than
compulsory

Approval
promotions
July 1, 1961

NEW BUSINESS, continuedMiscellaneous, continued:

Approval
promotions
July 1,
1961

22. Promotions effective July 1, 1961, continued:

To Professor

Communication Arts
Speech

- Herbert J. Oyer

Education

- Hugo J. David
Donald J. Leu
John M. Mason
Lorraine V. Shepard

Engineering
Applied Mechanics

- William A. Bradley

Home Economics

Home Management and Child Development
Textiles, Clothing, and Related Arts

- Bernice D. Borgman
- Marion A. Niederpruem

Science and Arts

Entomology
Nursing
Zoology
English

- Gordon E. Guyer
- Helen E. M. Penhale
- Philip J. Clark
- Robert J. Geist
William W. Heist
- Laszlo Borbas
Carlos M. Teran
- Carl H. Brubaker
- Frank J. Blatt
Henry G. Blosser
- Kenneth J. Arnold
- Allen K. Philbrick
- Richard E. Sullivan

Foreign Languages

Chemistry
Physics and Astronomy

Statistics
Geography
History

University College

Communication Skills

- Robert L. Wright

Veterinary Medicine

Microbiology and Public Health
Surgery and Medicine

- Charles L. San Clemente
- Robert G. Schirmer

Miscellaneous

Counseling Center

- Beatrice F. Moore
Rowland R. Pierson

To Associate Professor

Agriculture

Agricultural Engineering
Animal Husbandry

- Frederick H. Buelow
- Robert J. Deans
Duane E. Ullrey
- Roy S. Emery
- Charles M. Stine
- Martin J. Bukovac
John D. Downes
- Robert K. Ringer

Dairy
Food Science
Horticulture

Poultry Science

Business and Public Service

Economics
Political Science
Urban Planning and Landscape Architecture

- Einar Hardin
- S. Sidney Ulmer
- Carl Goldschmidt

Education

- James W. Costar
Leonard J. Luker
James L. Page
- Roy K. Niemeyer

Health, Physical Education, and Recreation

Engineering

Civil Engineering

- Harold R. Henry
Robert K. Wen
- William Morris

Mechanical Engineering

Home Economics

Home Management and Child Development
Institution Administration
Textiles, Clothing, and Related Arts

- Lucile A. Ketchum
- Grace A. Miller
- Bernetta Kahabka
Mary Shipley

Science and Arts

Botany and Plant Pathology

- Jack C. Elliott
John L. Lockwood
- Lyman W. Bodman
Russell E. Friedewald
Edgar L. Kirk
John S. Richardson

Music

NEW BUSINESS, continuedMiscellaneous, continued

22. Promotions effective July 1, 1961, continued:

Approval
promotions
July 1, 1961To Associate Professor, continued:

Science and Arts

English

Foreign Languages

Chemistry

Geology

Mathematics

Physics and Astronomy

History

Psychology

Sociology and Anthropology

University College

Communication Skills

Evaluation Services

Natural Science

Social Science

Miscellaneous

Continuing Education

Institutional Research

Counseling Center

- Sam S. Baskett
- Mark O. Kistler
- John A. Ramsey
- Arthur W. Sirianni
- Robert N. Hammer
- Jack B. Kinsinger
- William J. Hinze
- Maynard M. Miller
- Joseph E. Adney, Jr.
- Patrick H. Doyle
- Ti Yen
- Jerry A. Cowen
- Harold Forstat
- William H. Kelly
- Don B. Lichtenberg
- Alvin C. Gluek
- Terrence M. Allen*
- Hans H. Toch
- William A. Faunce

- Lloyd P. Coburn
- Bernard F. Engel
- David K. Heenan
- Arvo E. Juola
- Jean Brierley
- Floyd V. Monaghan
- John N. Ward
- Albert A. Blum
- John C. Messenger

- Harold E. Gray
- Joseph L. Saupe
- Gwendolyn Norrell

To Assistant Professor

Agriculture

Cooperative Extension Service

Education

Engineering

Electrical Engineering

Home Economics

Textiles, Clothing, and Related Arts

Science and Arts

English

History

Philosophy

University College

Communication Skills

Natural Science

Veterinary Medicine

Microbiology and Public Health

Surgery and Medicine

Miscellaneous

Continuing Education

- Raymond R. Ranta
- Frank H. Blackington III
- David P. Brown
- Robert D. Bullard
- D. Gordon Rohman
- Thomas L. Bushell
- Paul M. Hurrell
- David D. Anderson
- Stephen F. Elliston
- Daniel Stewart
- Irving L. Dahljelm
- Waldo F. Keller
- Daniel R. McLaughlin

*Also Highway Traffic Safety Center

On motion by Mr. Huff, seconded by Mr. Harlan, it was voted to approve the promotion recommendations.

Gifts and
GrantsGifts and Grants

1. Gift of a Pow'r-Pull valued at \$35 from Pow'r-Pull of North Hollywood, California, for use in Agricultural Engineering.
2. Gift of approximately 7,000 European butterflies and moths of great value from Gunnar Hejgaard of Copenhagen, Denmark, for research under the direction of R. L. Fischer in Entomology.
3. Gift of a laundry conveyor valued at \$600 from Hydraxtor Company of Skokie, Illinois, for use in the Laundry.
4. Grants for scholarship purposes, as follows:
 - a. \$500 from Chemstrand Corporation for a scholarship for a student majoring in Chemistry
 - b. For the Honors College Fund:
 - \$30 from Alma High School
 - \$15 from the Young Women's Christian Association of Detroit
 - c. For specified students:
 - \$451 from the Asher Student Foundation of Detroit for 4 students.
 - \$330 from the Statler Foundation of New York City
 - d. For Michigan State University-Oakland
 - 1) \$5,000 from the Pontiac Central High School to be invested and the income used to provide a scholarship to cover the cost of tuition for one student from Pontiac Central High School.
 - 2) \$55 from Rochester Ministerial Association to aid a specified student.
 - 3) \$558 from the National Twist Drill & Tool Company of Rochester for the continuation of 2 scholarships for 1961-62.
 - 4) \$280 from Pontiac-Oakland Town Hall, Inc., for a deserving student from Oakland County for 1961-62.
 - 5) \$400 from the Women's Advertising Club of Detroit for 2 specified students.
 - 6) \$560 from The Junior League of Birmingham for 2 deserving girls in the Bloomfield-Birmingham-Franklin area for 1961-62.
 - 7) For the MSU-O Scholarship Fund for 1961-62:
 - \$500 from Maxon, Inc., of Detroit
 - \$35 from the Rotary Club of Walled Lake
 - \$255 from Harry S. Nichols of Detroit
 - \$10 from St. Clair Shores American Legion Auxiliary #385
 - \$25 from Roy O'Brien, Inc., of St. Clair Shores
 - \$25 from LeRoy W. Howard of St. Clair Shores
 - \$5 from Lakeshore Drugs of St. Clair Shores
 - \$600 from Utica Chapter #240, Order of the Eastern Star
 - \$100 from the Four Arts Club, Inc., of Elkhart, Indiana
 - \$250 from the Frank Gerber Foundation of Fremont
 - \$186 from Justus R. Pearson, Jr. of Birmingham
 - \$20 from the American Legion St. Clair Shores Post #385
 - \$500 from the Detroit Gasket and Manufacturing Company of Detroit
 - \$210 from Berman Food Stores, Inc., and Food Fair Stephenson Market, Inc. of Detroit
 - \$1,020 from The Wayne Oakland Bank of Royal Oak
 - \$10 from H. Rollin Allen of Detroit
 - \$15 from Mary Ann Cusack of Detroit
 - \$500 from the Pepsi-Cola Company of New York City
5. Approval of a memorandum of agreement with the New Holland Machine Company of New Holland, Pennsylvania, covering a grant of \$1740 to be used under the direction of C. W. Hall in Agricultural Engineering for research to determine the effect of frequent cycle of high temperature heating followed by cooling of corn on drying rate and efficiency, and product.
6. Approval of a memorandum of agreement with the Michigan State Apple Commission of East Lansing covering a grant of \$2,000 to be used under the direction of W. S. Greig and C. C. Denis in Agricultural Economics to begin to develop basic historical information on factors relating to production, marketing, and consumption of apples.
7. Grant of \$1,237.50 from the Michigan Cattle Feeders' Association of East Lansing to be used under the direction of H. E. Henderson in Animal Husbandry to purchase 2 IBM typewriters and 1 Avery label dispenser.
8. Renewal of a memorandum of agreement with the National Institutes of Health of Bethesda, Maryland, covering a grant of \$10,522 to be used under the direction of J. L. Fairley in Biochemistry for study of mechanisms of pyrimidine biosynthesis. The agreement provides for special graduate research assistants.
9. Renewal of a memorandum of agreement with the National Institutes of Health covering a grant of \$15,780 to be used under the direction of R. G. Hansen in Biochemistry to define more precisely the pathways of metabolism of lactose and galactose. The agreement provides for special graduate research assistants.
10. Grant of \$17,461 from the National Institutes of Health to be used under the direction of N.E. Tolbert in Biochemistry to explore the biochemical mode of action of choline analyses as plant growth substances. The biosynthesis and metabolism of a large and metabolically active reservoir of phosphoryl choline in plants will be investigated. Provision is made for special graduate research assistants.

May 18, 1961

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

11. Approval of a memorandum of agreement with the Farmers and Manufacturers Beet Sugar Association of Saginaw covering a grant of \$500 to be used under the direction of W. F. Meggitt in Farm Crops for weed control research.
12. Approval of a memorandum of agreement with Thomas J. Lipton, Inc., of Hoboken, New Jersey, covering a grant of \$5,000 to be used under the direction of L. R. Dugan in Food Science to determine the nature of the oxydative changes that occur in cooked dehydrated beef. The agreement provides for a special graduate research assistant.
13. Approval of a memorandum of agreement with the Niagara Chemical Division of Food Machinery and Chemical Corporation of Middleport, New York, covering a grant of \$750 to be used under the direction of S. K. Ries in Horticulture to evaluate the effect of herbicides as weed control on vegetables and tree fruits and ornamentals.
14. Approval of a memorandum of agreement with Commercial Solvents Corporation of Terre Haute, Indiana, covering a grant of \$4,000 to be used under the direction of W. K. Warden in Poultry Science to study the mechanism of action of antibiotics in growth stimulation. The agreement provides for a special graduate research assistant.
15. Renewal of a memorandum of agreement with Hess and Clark of Ashland, Ohio, covering a grant of \$3,500 to be used under the direction of P. J. Schaible in Poultry Science for a study of the effect of NF-260 on early water and feed consumption, weight gains, and feed efficiency of starting chicks and poults.
16. Renewal of a memorandum of agreement with the National Plant Food Institute of Chicago covering a grant of \$2,500 to be used under the direction of J. F. Davis and L. S. Robertson in Soil Science to study economic optima in fertilizer application and the role of soil testing in evaluating soil nutrient status.
17. Renewal of a memorandum of agreement with the Michigan Agricultural Limestone Association covering a grant of \$1,500 to be used under the direction of R. L. Cook, E. D. Longnecker, and J. F. Davis in Soil Science for research on certain lime problems. The agreement provides for a special graduate research assistant. (This grant was later withdrawn.)
18. Renewal of a memorandum of agreement with the Farmers & Manufacturers Beet Sugar Association of Saginaw covering a grant of \$5,000 to be used under the direction of R. L. Cook and J. F. Davis in Soil Science to conduct research in spring mechanization as it pertains to soils problems in sugar beet production.
19. Grant of \$1,000 from Peat, Marwick, Mitchell & Company of New York City to be used under the direction of J. D. Edwards in Accounting and Financial Administration for fellowships for graduate students majoring in accounting.
20. Grant of \$6,300 from The Rockefeller Foundation of New York City to be used under the direction of Herbert Kisch in Economics to complete his study of the development of the Rhineland textile industry from 1750 to 1870.
21. Grant of \$1,500 from the Progressive Grocer of New York City to be used under the direction of E. M. Barnet in Marketing and Transportation for the study of the relevance of formal education in the development of store managers. Provision is made for a special graduate research fellowship.
22. Grants to be used under the direction of E. M. Barnet in Marketing and Transportation for scholarships awarded through the National Association of Food Chains, as follows:
 - a. \$1,000 from LaChoy Food Products Company of Archbold, Ohio
 - b. \$1,000 from Tyler Refrigeration Corporation of Niles
23. Grant of \$2,000 from the Automotive Safety Foundation, Inc., of Washington, D.C., to be used under the direction of G. M. Schultz in Police Administration and Public Safety for the continuation of a fellowship.
24. Renewal of a memorandum of agreement with the National Institute of Mental Health of Bethesda, Maryland, covering a grant of \$26,691 to be used under the direction of G. J. Aldridge in Social Work for graduate preparation of psychiatric social workers. This provides salaries of an assistant professor and a half-time stenographer, and 6 traineeships for graduate students.
25. Renewal of a memorandum of agreement with West Michigan Telecasters, Inc., of Grand Rapids covering a grant of \$535 to be used under the direction of Paul J. Deutschmann in the Communications Research Center for additional studies of television audiences in the Grand Rapids area.
26. Approval of a memorandum of agreement with the Midwest Council on Airborne Television of Lafayette, Indiana, covering a grant of \$8,500 to be used under the direction of James Page in Education to plan and develop workshops, training experiences, seminars, and consultation services relative to effective utilization of telecast programs.

May 18, 1961

NEW BUSINESS, continuedGifts and
GrantsGifts and Grants, continued

27. Approval of a memorandum of agreement with the American Chemical Society of Washington, D.C. covering a grant of \$14,160 to be used under the direction of D. K. Anderson in Engineering Research and Chemical Engineering for a study of diffusion in non-ideal, binary, hydrocarbon mixtures. The agreement provides for special graduate research assistantships.
28. Renewal of memoranda of agreement with the Diamond Alkali Company of Cleveland, Ohio, covering the following grants:
 - a. \$200 to be used under the direction of H. S. Potter in Botany to evaluate the effectiveness of a research compound as a preplant soil treatment for control of potato scab.
 - b. \$100 to be used under the direction of D. J. deZeeuw in Botany to support a graduate research assistantship on seed treatment and soil treatment fungicides.
29. Renewal of memoranda of agreement with the California Chemical Company of San Francisco covering the following grants for Botany and Plant Pathology:
 - a. \$440 to be used under the direction of H. S. Potter to evaluate the insecticide Phosphamidon as a potential systemic chemical for the control of potato scab disease.
 - b. \$500 to be used under the direction of E. J. Klos for chemical tree fruit disease control.
30. Approval of a memorandum of agreement with The Lilly Research Laboratories of Indianapolis covering a grant of \$500 to be used under the direction of B. H. Grigsby and W. R. Bredahl in Botany and Plant Pathology to conduct research on certain chemicals for selective weed control in turf and ornamentals.
31. Renewal of a memorandum of agreement with Rohm & Haas Company of Philadelphia covering a grant of \$200 to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate the effectiveness of Maneb in combination with certain copper compounds as a spray material for disease control on pickling cucumbers, celery, and potatoes.
32. Renewal of a memorandum of agreement with E. R. Squibb & Sons Division of Olin Mathieson Chemical Corporation of New York City covering a grant of \$1,800 to be used under the direction of D. J. deZeeuw, E. J. Klos, H. S. Potter, and M. C. Strong in Botany and Plant Pathology to study the efficacy of experimental fungicides in controlling diseases of celery, tomatoes, and tree fruits, and to help support a graduate assistant in seed treatment studies.
33. Approval of a memorandum of agreement with California Chemical Company of Moorestown, New Jersey, covering a grant of \$400 to be used under the direction of A. J. Howitt in Entomology for a study of Phosphamidon for the control of fruit insects in Michigan.
34. Grant of \$500 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of J. R. Shaver in Zoology to purchase supplies and small items of equipment for research.
35. Grant of \$8,200 from the National Science Foundation of Washington, D.C., to be used under the direction of George J. Wallace in Zoology for research on the residues of DDT in food chains of wild birds.
36. Grant of \$3,050 from Research Corporation of New York City to be used under the direction of William H. Reusch in Chemistry to continue research on synthetic approaches to Longifolene.
37. Grant of \$11,050 from the Atomic Energy Commission of Washington, D.C., to be used under the direction of Professor Quill in Chemistry to assist in acquiring nuclear equipment such as a scintillation spectrometer, scintillation analyzer, and proportional counting systems for a radiochemistry laboratory.
38. Grant of \$9,333 from the National Institutes of Health to be used under the direction of William H. Reusch in Chemistry for a new approach to Norsteroids. Provision is made for a special graduate research assistant.
39. Renewal of a memorandum of agreement with the United States Air Force Office of Scientific Research of Washington, D.C., covering a grant of \$43,120 to be used under the direction of F. J. Blatt in Physics and Astronomy for a study of the influence of impurities and defects on transport in metals and semiconductors, a comparative study of relaxation mechanisms in transport and resonance experiments, and an examination of solid-liquid phase transition as it affects transport properties. The agreement provides for 3 special graduate research assistants.
40. Renewal of a memorandum of agreement with the Air Force Office of Scientific Research covering a grant of \$44,800 to be used under the direction of R. D. Spence and J. A. Cowen in Physics and Astronomy for a study of paramagnetic relaxation at very low temperatures. The agreement provides for special graduate research assistantships.
41. Renewal of a memorandum of agreement with the Air Force Office of Scientific Research covering a grant of \$7,600 to be used under the direction of Paul M. Parker in Physics and Astronomy for theoretical investigations on the structure and infrared and microwave spectra of molecules. The agreement provides for special graduate research assistants.
42. Grant of \$27,700 from the National Science Foundation to be used under the direction of J. S. Kovacs and Don B. Lichtenberg in Physics and Astronomy for research on the theory of the interactions of mesons and hyperons.

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

43. Grant of \$700 from the Michigan State Board of Alcoholism of Lansing to be used under the direction of F. B. Waisanen in Sociology and Anthrology for the development of a scale of ethnicity, with a view toward its applications to research on occupational adjustment and alcohol consumption.
44. Renewal of a memorandum of agreement with the National Institutes of Health covering a grant of \$2,495 to be used under the direction of D. K. Stewart in Natural Science for research in symbolic logic as applied to the areas of communication and mental health.
45. Grant of \$35 from R. A. Runnells, Professor Emeritus of Veterinary Pathology, to be used under the direction of Dean Armistead in Veterinary Medicine to supplement the earnings of the endowment fund for the award to a veterinary student and a medical technology student.
46. Grant of \$1,500 from The Quaker Oats Company of Chicago to be used under the direction of Dean Armistead in Veterinary Medicine to underwrite the cost of the honors convocation banquet for the College of Veterinary Medicine held on May 11, 1961.
47. Grant of \$174 from the National Institutes of Health to be used under the direction of Joseph Meites in Physiology and Pharmacology to enable a pre-doctoral fellow to attend 2 scientific meetings.
48. Grant of \$1,000 from the Eaton Laboratories of Norwich, New York, to be used under the direction of G. H. Conner in Surgery and Medicine for research studies of swine enteritis.
49. Grant of \$500 from the Michigan Veterinary Medical Association of Grand Rapids to be used under the direction of C. C. Morrill in Veterinary Pathology to support poultry diagnosis and treatment short courses to be offered to graduate veterinarians.
50. Grant of \$100 from Radio Corporation of America of Princeton, New Jersey, to be credited to the Discretionary Gifts fund. This contribution is an undesignated gift because of participation in the RCA Tuition Loan and Refund Plan to encourage their employees to increase their personal qualifications by formal education.
51. Grant of \$52,435 from the United States Office of Education of Washington, D.C., to be used under the direction of Allan Tucker in the Graduate Office to study factors related to attrition among doctoral students.
52. Grant of \$2,000 from the Center for the Study of Liberal Education for Adults of Chicago to be used under the direction of Lowell Eklund in Continuing Education at Michigan State University-Oakland for their experimental project in liberal arts for service clubs.
53. Grant of \$1,988.38 from the National Educational TV and Radio Center of New York City to be used under the direction of Mary Ann Cusack at Michigan State University-Oakland for the production of a series of 13 radio programs entitled "An Ethic for Broadcasting".

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

Reports for Board Members

1. The following alteration and improvement item has been approved since the April meeting of the Board of Trustees:

Install necessary outlets for various office machines in
Rooms 106 and 207, Physics-Mathematics Building

\$400

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

The meeting adjourned at 12:30 p.m.

The next meeting will be held June 15, 1961, and the July meeting will be held July 20, 1961, with no meeting scheduled for August.

John A. Hannah
President

Jack B. Breen
Secretary