

MINUTES OF THE
MEETING OF THE FINANCE COMMITTEE
December 20, 1957

The meeting of the Finance Committee was held at 10 a.m. in the Board Room.

The following members were present:

Messrs. Brody, Harlan, Mueller, Rouse, Smith; Dr. Bartlett; President Hannah, Treasurer May and Secretary McDonel

Absent: Mr. Akers

Investment
recommendation

1. Recommendation from Scudder, Stevens & Clark for the following purchases:

a. Consolidated Investment Fund

\$10,000 Scott Paper Convertible 3s-1971 at approximately \$9,200.

b. Rackham Fund

\$3,000 Federal Land Bank 4s-5/1/62 at approximately \$3,000.

c. Consolidated Investment Fund

Recommend Purchasing:

Amount	Security	Approx. Price	Principal	Income	Pres. Yield
92/100	Monsanto Chemical	34	\$ 31	--	

d. Pension and Retirement Fund

Recommend Purchasing:

60/100	Monsanto Chemical	34	20	--	
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e. LaVerne Noyes Scholarship Fund

Recommend Purchasing:

84/100	Goodyear Tire and Rubber	80	67	--	
52/100	Texas Company	63	33 100		

f. Consolidated Investment Fund

With \$3,300 cash available for investment

Recommend Purchasing:

65 shs	American Natural Gas	2.60	50	\$3,250	\$169	5.2%
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On motion of Mr. Mueller, seconded by Dr. Smith, it was voted to approve the above item.

2. Property acquisitions:

Purchase of
James B. and
Lorraine W.
Root property

a. In early December, James B. and Lorraine W. Root, owning the last remaining property on the north side of Cavanaugh Road in the section between College Road and Hagadorn Road that we have been trying to buy for years, offered to sell their property for \$40,000 with the understanding that they would be permitted to have possession of the house and garden until 1960. We countered with an offer of \$38,000 and finally negotiated to purchase the property at \$39,000. This property includes 6 acres of land and a modern, very good 7-room house.

Purchase of
Lester Brown
property

b. Mr. Hacker has obtained a listing for the purchase of the Lester L. and Verna Brown property at 3333 Forest Road contiguous to and in the southwest corner of the golf course site. This property includes a 5-room frame house, a single garage, and $1\frac{1}{4}$ acres of land. The listing price is at \$10,000, and it is recommended that we purchase this property.

Purchase of
Ronald L. and
Marilyn
Christmas
property
approved

c. Mr. Hacker has obtained a listing for the Ronald L. and Marilyn D. Christmas property located at 3401 Forest Road, also a part of the desired southwest corner of the golf course site. This property includes approximately 1 acre of land, a 5-room house, and a single garage, and the listed price is \$6500. It is recommended that we purchase this property.

Recommendation
Schultz pro-
perty be pur-
chased

d. In accordance with our long-term property acquisition policy of acquiring the land south of Cavanaugh Road between Cavanaugh Road and the new US-16 super highway, Mr. Hacker continues to negotiate with the various property holders and is able to get a listing from Mr. and Mrs. Schultz for their two pieces of property totaling 135 acres at not to exceed \$195,000. If we are able to secure this property at this or a better price, it is recommended that it be purchased.

Purchase of
Lloyde Crane
property app.

e. At the November Board meeting the finance committee informally approved the purchase of the Crane farm adjacent to the Hidden Lake Gardens consisting of 118.78 acres of land at a purchase price of \$23,756. These negotiations have been completed and formal Board approval is required for the purchase of this property located in Franklin Township, Lenawee County and described as follows:

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Finance Committee Items, continued:

2. Property acquisitions, continued:

e. Description of Lloyde Crane property:

Parcel 1--All that part of the West half of the Northeast quarter of Section 19, T5S, R3E, lying North of the center of State trunkline highway M-50, excepting and reserving therefrom a triangular piece of land being 100 feet in width along the North line and 200 feet in length along the East line from out of the Northeast corner thereof.

Parcel 2--Commencing at the quarter post on the North line of Section 19, T5S, R3E, thence Westerly on the North line of said section a distance of 80 rods more or less to the East line of land formerly owned by Montgomery Crowfoot, thence South on said Crowfoot East line to the center of the LaPlaisance Bay Turnpike (State trunkline highway M-50), thence Easterly in the center of said Turnpike to the North and South quarter line of said Section 19, thence North on said quarter line to the place of beginning.

This land was paid for from funds received from the Harriet Fee and Harry Fee trusts. University Attorney Lee Carr reported on the Crane gift for scholarship purposes which is covered in this agenda for today's Board meeting

On motion of Mr. Brody, seconded by Mr. Rouse, it was voted to approve Item 2.

3. Vice President May reported on negotiations with the General Services administration covering the leasing of space in the proposed new building to house governmental agencies. Architect Sarvis is proceeding with the development of plans for this structure to be submitted to the Board at a later date.

4. Vice President May and University Attorney Carr recommended the following items in connection with the Floyd Owen estate:

- That the Board approve final payment of \$1,000 administration fee to Mrs. Mildred O. Shelters as provided in Mr. Owen's will.
- That the Board approve cancellation of the balance of \$644.30 due the estate from Mrs. Shelters. This amount represents the balance owed on a land contract on her home and is recommended because of the fine cooperation received from Mrs. Shelters in the administration and the closing of this estate.
- It is recommended that the Board authorize the obtaining of an appraisal of an 8-unit apartment building owned by the estate in Detroit before attempting to negotiate the sale of this property. A letter has been recieved from a prospective purchaser.

On motion of Mr. Harlan, seconded by Mr. Mueller, it was voted to approve the above item.

5. Frequently in the past the Board has given consideration at the December Board meeting to salary adjustments for the football coaching staff. Professor Tukey, the Chairman of the Athletic Council, and Director of Athletics Munn recommend the following salary adjustments effective January 1, 1958:

	Present Salary	Suggested Salary
Louis Agase	\$10,000	\$10,500
H. D. Daugherty	18,000	19,500
E. J. Grandelius	10,000	10,500
John Polonchek	6,800	7,300
Gordon Serr	6,500	7,000
Burt Smith	10,000	10,500
D. W. Weaver	7,500	8,000
W. F. Yeoman	10,000	10,500

On motion of Mr. Mueller, seconded by Mr. Rouse, it was voted to approve the above action and to ask Mr. Denison to prepare an appropriately worded resolution to be spread upon the minutes and a copy forwarded to Mr. Daugherty, expressing the appreciation of the Board and on behalf of the University to him for his loyalty to Michigan State University as recently exhibited. (See Resolutions Book).

6. Vice President Varner discussed with the Board developments in connection with our request for appropriations for operations and buildings. He also referred to the criticisms recently raised by State Representative Strange of Clare.

MINUTES OF THE MEETING
of the
STATE BOARD OF AGRICULTURE
December 20, 1957

Present: Mr. Brody, Chairman; Messrs. Harlan, Mueller, Rouse, Smith' Dr. Bartlett, President Hannah, Treasurer May and Secretary McDonel

Absent: Mr. Akers

The meeting was called to order at 11:00 a.m.

The minutes of the previous meeting were approved.

Report on negotiations with Gen. Ser. adm re: leasing space in new bldg for gov. agencies

Recommendation Vice Pres. May re: Floyd Owen estate

Approval salary adjustments for football coaching staff

Resolution presented to Mr. Daugherty

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SPECIAL MISCELLANEOUS

Resolutions presented to Mr. Akers and Mr. Mueller on retirement from Board - also life-time passes to all athletic events and wrist watches

1. By unanimous action, the following resolutions on the retirement from the Board of Mr. Akers and Mr. Mueller were approved and ordered spread in these minutes. The resolutions were presented in illuminated scrolls to Mr. Akers and Mr. Mueller:

"For eighteen years momentous in the history of Michigan State University, Forest H. Akers has served actively as a member of this Board.

His service has been marked consistently by his steadfast devotion to the welfare of the university in which he once was a student, his perceptive interest in education generally, his ability to apply lessons learned in a long and distinguished business career to the financial and management problems of the university, and his courage in making decisions which depended on the passage of years for their vindication.

He has been steadfastly determined to see the university grow both physically and in educational prestige, and has found his greatest satisfaction in watching the orderly, progressive development he so much desired.

He has taken great personal pleasure in the success of the programs in intercollegiate and intramural athletics, as might be expected of one who was an outstanding athlete, but he has insisted that the physical facilities provided for athletic purposes be no better than those provided for academic and other purposes.

He has given frequently and generously of his private means to help deserving young people gain the advantages of education, and established a fund for scholarships to insure that such assistance will be available for future generations.

His unflinching good nature, his acuteness of wit, and his unswerving loyalty to those things which are good and fine have made association with him a pleasure and a privilege. Upon relinquishing his active connections with this University, he may look back upon years well spent in an honorable and humanitarian cause, and look ahead with the certain knowledge that he will be long remembered as one of the great builders of the university which is so close to his heart."

"Frederick H. Mueller has served for more than twelve years as a member of this Board, years, which saw the greatest growth and soundest development in the history of Michigan State University.

To that growth and development he has contributed steadily and substantially. Educated here as an engineer, and with a long and successful career in private business, he has been able to counsel wisely and plan with imagination and daring for both physical facilities and improved curricula to meet the unprecedented demands upon the institution which he foresaw so clearly.

If his interests have been specialized, it has been in the direction of constantly strengthening the educational programs in science and in business, and current events have proved how well-advised were those who needed his predictions of things to come. But his special interest in specific academic programs, in financial affairs, and in the fortunes of the University's athletic teams never blinded him to the legitimate demands from other areas, nor his sympathetic and active support of anything that would make Michigan State University a more respected and substantial institution of learning.

Good-humored in conversation, eloquent in discussion, gifted with both sensitivity to social needs and hard common sense in matters requiring practical and practicable solutions, he has contributed in uncommon measure to the deliberations of this Board and the satisfaction of the other members in having him as a long-time associate.

Now active in the national service, he leaves this Board with a distinguished record of leadership and influence for good; those who remain to carry the responsibility for guiding the further growth of this University will miss him greatly, but know they can depend upon him for continued interest and support in their work.

To him remains the satisfaction of having helped to build his Alma Mater into a truly distinguished university."

Mr. Mueller was presented also, by Chairman Brody, a sterling silver plate bearing the inscription:

Frederick H. Mueller
Member State Board of Agriculture
1945-1958
In Appreciation
Michigan State University

He was also presented on behalf of the Athletic Council by Director Munn a metallic life-time pass to all home athletic contests, and a wrist watch.

Similar presentations were available for Mr. Akers but in his absence will be delivered to him on another occasion.

SPECIAL MISCELLANEOUS, continued

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

On motion of Mr. Brody, seconded by Mr. Rouse, it was voted to approve the Finance Committee Items.

3. The President informed the Board of the recent unanimous action by the Academic Council, appointment a committee to immediately reappraise all of the teaching, research and service programs of this university in the light of the present situation, with the objective of making certain that this university is now and will in the future be able to make its maximum contribution to the welfare of our State and nation. This committee is at work.

Vice President Hamilton presented the following report from this Committee:

"Dear President Hannah:

The Committee which you asked to survey the present status of our scientific research needs at Michigan State University has completed its task and is now ready to report. The Committee has proceeded calmly, recognizing that, while recent developments in the world make necessary the kind of survey which it has conducted, thoughtless hysteria will produce no wisdom. In making the survey many of the leading scientists on this campus have been consulted.

Further, the Committee would emphasize that it considers its task but a part of the whole. No one should assume that, since the present report concerns itself primarily with the natural sciences, there is any feeling that the University should abandon or minimize its program in the social and humanistic studies. On the contrary, if as a nation we have proved less than adequate, our social, moral and political inadequacies loom as large or larger than those of science.

Before launching into specifics it would seem important to emphasize the kind of a contribution which the scientists on a university campus can best make. This is an insight difficult for most people to achieve, and yet we have reached such a critical point that its understanding must be widespread. The manufacture of missiles and satellites is a problem not only of such magnitude, but of such a nature, that it can best be left to government and industry. Similarly, the invention and construction of better refrigerators, better television sets, better automobiles, is likewise not a function of the university. Valuable as the first of these may be to our national survival, and the latter to our comfort, it is a waste of the kinds of resources available in a university to concentrate on these kinds of applications.

In point of fact, the research function of the university must be concentrated in the field of basic or fundamental research, for it is the discovery of this kind of knowledge, sought without concern for immediate application, which makes possible subsequent utilization in the development of particular kinds of gadgets, whether they be gadgets of war or gadgets of peace. At the risk of appearing tedious the Committee would like to elaborate a bit on this concept.

Those of us alive today wonder at the miracle of controlled atomic energy, but the point to remember is that the basic research on which present atomic machinery, be it death-dealing or life-sustaining, was developed, was not conceived with this purpose in mind. There was the discovery of radioactivity by the French scientist, Becquerel, in 1896, followed by the Curies' discovery of radium in 1899. There were pioneer researches into the atomic nucleus in England in 1919 by Rutherford, as well as many others, leading to the discovery of nuclear fission by the Germans, Meitner and Frisch, in 1939. As early as 1905, Einstein had enunciated his theory of the relationship between mass and energy. None of the scientists who did these things were trying to develop an atomic power plant or a bomb. They were seeking to learn basic facts of nature, and their work changed the world. This is where the universities can make a unique contribution in research; research for which the motivation is nothing more than a desire to know the nature of the world, and which seeks facts in relation to laws or theories or more or less general significance. Facts are sought to enlarge, to limit, to establish, to refute, to refine, and to construct laws and theories.

We shall err greatly in our institutions of higher learning if we permit the present situation to panic us into developing administrative devices, coordinating mechanisms, or paper principles to direct the University's research efforts into areas in which they can be of less than optimum service. What we need to do is to provide our scientists with the facilities to carry on research, urge them to deal with the more important problems, although by their nature the good scientists will need no urging, and let them pursue their research in the basic mysteries of the nature of the world. From this will eventually come more beneficial results to society than from any other course which the University might follow. "Practical" men must be brought to see that this is the "practical" use to which university research resources should be put.

The consultation, which the Committee conducted with the scientists of the University, brought forward proposals for quantities of facilities, equipment, and personnel which are needed if our task in basic research will be well done. In terms of the long range research objectives of the University, this assemblage of material will be invaluable in providing a blueprint for future developments. To name but a few of the needs identified, we shall eventually require facilities, equipment and personnel to expand our work in such fields as solidstate physics, energy sources, new energy sources for propulsion, complex systems-of-equipment studies, extreme temperature and stresses, instrumentation and measurement, non-aqueous chemistry, cellular biology, genetics, biophysics, and energy transformation.

The Committee recognizes, however, that not all of these things can be attained quickly. Valuable as the accumulated list of needs is for future guidance, it behooves wise men to recognize the realities of the situation. Thus, from this extensive list, the Committee has selected three projects which it would recommend to you, and if you concur, to the State Board for immediate commitment so that planning for these activities can be undertaken by the University scientists immediately.

Report from
Committee re:
reappraising
all teaching,
research and
service
programs of
university
in Space age

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SPECIAL MISCELLANEOUS, continued

3. Committee Report continued:

These are:

1. The planning and construction of a heavy-ion accelerator.

This project already has been authorized by the State Board, and planning is proceeding. There should now be a commitment to commence construction at the earliest possible date. A heavy-ion accelerator of 40 million electron volts energy has been chosen for Michigan State University because it permits investigation of a basic sort in a relatively untouched field. There are only five heavy-ion accelerators in operation or planning for early completion in the world. Four are in the United States, and one of these is to be discontinued as it is replaced by a larger unit. The accelerator proposed will make possible a wide variety of investigations that are not possible at very many other places. It will provide valuable services, in addition to the work in physics, in such fields as radio-chemistry, radiation damage, and radio-biology.

2. The planning and construction of a nuclear reactor.

A nuclear reactor is a facility essential to basic research in important lines of physical and biological science. With it physicists and chemists will be able to investigate such diverse subjects as the structure of crystals, chemical bonding of liquids and gases, nuclear resonance thresholds, and the effects of polarized beams of neutrons. In the biological sciences the reactor will permit studies of the genetic effects of radiation, the resistance to and the recovery from radiation injury, the preparation of experimental vaccines, and cancer studies involving the effect of radiation on cell division and cell growth. A pool-type reactor would be versatile enough to meet these needs and this is the kind proposed. It should have a flux of 5×10^{13} neutrons per square centimeter per second, and should be provided with a large number of access ports so that a wide variety of investigations may be conducted simultaneously.

3. The planning and construction of a phytotron.

We are in desperate need of more information on the effect of environment on the growth and development of both plants and animals. To achieve this it is necessary to have a tool capable of controlling simultaneously all of the variables involved in environment, such as temperature, pressure, humidity, illumination, periods of darkness, gravity, etc. The phytotron is an installation in which all of these conditions can be closely regulated, and its availability will permit our scientists to break new frontiers in this important area.

These, then, are three projects which the Committee would recommend for immediate approval. It is by no means the whole of the story, for more than facilities are required. While the availability of this equipment will permit our scientists to make contributions of fundamental importance, the greatest value will be derived from its usefulness in increasing not only the quantity, but more importantly, the quality of the scientists which the University educates. This means that we are going to need a greatly expanded program of advanced graduate research fellowships. The Committee recommends that the Board authorize the largest possible number of such fellowships for the year 1958-59.

Certain other matters are also of great importance. They are not singled out here for special action on the assumption that they will be attended to in the normal course of events. The work of our pioneering Science and Mathematics Teaching Center will need to be strengthened if it is to meet the demands already being made on it by Michigan's secondary schools. We must encourage the teaching of foreign languages including not only Russian but the languages of those areas of the world now uncommitted and underdeveloped to which we shall have to export scientists and technicians in future years. We must buttress our education in those important disciplines which undergird scientific research, and our efforts to understand and appreciate cultures other than our own must never be allowed to slacken.

Obviously, at this juncture, the question will be raised, where is the money coming from? And there is a great deal of money involved. The three projects here proposed, exclusive of the fellowship program, will cost an estimated four and one-half million dollars. In a real sense this is a question beyond the scope of the Committee's jurisdiction, yet we would be less than responsible not to address ourselves to the problem. In the first place we shall simply have to face up to the fact that our society is going to have to spend more of its resources on basic research if it wishes to maintain a world that is secure, prosperous, and healthy. This conclusion is inevitable to any thoughtful person. However, the University itself must take responsibility for making certain that it has properly ordered the activities which it undertakes. The present Committee recommends that the Faculty Committee which even now is examining the overall program of Michigan State University be given a special charge to look for those areas of teaching, research, and service, which seem least worthy of the University's attention and resources.

Many nations in the past have succumbed and disappeared as they were unable to respond effectively to the changes and challenges of their times. The U.S. must meet the new challenge if it is to survive, for if we do not we shall be, "... like a million cities of the past that came up out of the mud, and worshipped darkness a little while, and went back, forgotten, into darkness!"

/s/ Dr. John D. Ryder	Dr. Milton E. Muelder	Dr. Thomas K. Cowden
Dean College of Engineering	Dean College Sci. and ARts	Dean College of Agriculture
Dr. Willis W. Armistead	Dr. Thomas H. Hamilton	
Dean College Vet. Medicine	Vice President for Academic Affairs.	

On motion of Mr. Brody, seconded by Mr. Rouse, it was voted to approve this report in principle and to authorize the officers to transmit to the Governor and the legislature a request for funds to make it possible to proceed with these recommended project at the earliest possible moment.

NEW BUSINESSResignations and Terminations

1. Herbert V. Schroeder, 4-H Club Agent, Mecosta County, December 31, 1957 to accept other employment.
2. Dean L. Quirin, 4-H Club Agent, Montcalm County, December 31, 1957 for health reasons.
3. Anne C. Weigner, Home Demonstration Agent, Leelanau County, December 31, 1957 to become a full-time homemaker.
4. Cancellation of the appointment of George J. Gore, Instructor in General Business February 1, '58.
5. Ruby R. Niebauer MacKenzie, Assistant Professor Textiles, Clothing and Related Arts, December 31, 1957.
6. John Q. Adamson, Consultant Viet-Nam Project December 1, 1957 to complete his duties in Saigon.
7. William A. Jones, Assistant Professor of Continuing Education, December 31, 1957 to accept a position at Purdue University.
8. Nadine C. Murphy, Secretary to the Assistant to the President, January 3, 1958 to be married.

Resignations

Leaves--Sabbatical

Leaves

1. Ivan E. Morse, Jr. Assistant Professor of Mechanical Engineering with half pay from September 1, 1958 to August 31, 1959 to work on his Ph.D. at Purdue.
2. Leo W. Mericle, Associate Professor of Botany and Plant Pathology with full pay from April 1, 1958 to June 30, 1958 to do research at Brook-Haven and Oak Ridge.
3. Thomas A. Goodrich, Associate Professor in the Counseling Center with full pay from April 1, 1958 to August 31, 1958 to study and travel in Europe.

Leaves--Other

1. Bill A. Stout, Instructor in Agricultural Engineering without pay from January 1, 1958 to March 31, 1958 to study for his Ph.D. at M.S.U.
2. Beatrice O'Donnell, Associate Professor of Teacher Education without pay from April 8, 1958 to April 25, 1958 to do a survey in Oregon.
3. C. C. Sigerfoos, Associate Professor of Mechanical Engineering without pay from January 1, 1958 to March 31, 1958 for work with the ICA in Costa Rica.
4. Mary C. Zwick Kroodsma, Instructor in Foods and Nutrition without pay from April 1, 1958 to August 31, 1958.
5. Ben Neal Ard, Jr., Assistant Professor (Res. Ext.) Home Management and Child Development without pay from September 1, 1958 to June 30, 1959 to work on his Ph.D. at the University of Michigan.
6. Wayland P. Smith, Coordinator in Continuing Education and Assistant Professor of Mechanical Engineering without pay from September 1, 1958 to August 31, 1959 to work on his Ph.D. at Case Institute.
7. Bernard Mikol, Instructor in the Counseling Center without pay from January 1, 1958 to January 31, 1958 to complete his dissertation for the Ph.D.

Appointments

Appointments

1. Robert Halbert Haile, 4-H Club Agent, Mecosta County, at a salary of \$6300 per year on a 12-month basis effective February 1, 1958.
2. Hugh Sheldon Mortimer, 4-H Club Agent, at Large, at a salary of \$5700 per year on a 12-month basis effective January 1, 1958.
3. Dean Raymond Rhoads, 4-H Club Agent, Presque Isle at a salary of \$5500 per year on a 12-month basis effective December 9, 1957.
4. Maurice Clarence Roberts, 4-H Club Agent, Berrien County, at a salary of \$6000 per year on a 12-month basis effective January 1, 1958.
5. Richard Albert Keppeler, Instructor (Res.) in Agricultural Engineering at a salary of \$7500 per year on a 12-month basis effective December 16, 1957 to December 15, 1958.
6. Carl T. Morton, Instructor in Agricultural Engineering at a salary of \$450 per month from January 1, 1958 to March 31, 1958.
7. Kenneth McManus, Instructor (Res.) in Resource Development at a salary of \$500 per month from January 1, 1958 to March 31, 1958.
8. Constance Bennett Elliott, Instructor in Short Courses at a salary of \$30 per month from November 1, 1957 to February 28, 1958.
9. Carol W. Shaffer, Instructor in Economics at a salary of \$2667 for the period January 1, 1958 to June 30, 1958.

NEW BUSINESS, continued

Appointments

Appointments, continued

10. William K. Harmon, Lecturer in General Business at a salary of \$300 per month from January 1, 1958 to March 31, 1958.
11. Earl E. McDonald, Lecturer in General Business at a salary of \$170 per month from January 1, 1958 to March 31, 1958.
12. Zinowij Lew Melnyk, Instructor in General Business at a salary of \$1334 for the period of January 1, 1958 to June 30, 1958.
13. Norman Raymond Smith, Instructor in General Business at a salary of \$1334 for the period January 1, 1958 to June 30, 1958.
14. Reamer W. Wigle, Lecturer in General Business at a salary of \$170 per month from January 1, 1958 to March 31, 1958.
15. Eli P. Cox, Jr., Director of the Bureau of Business and Economic Research and Professor of General Business at a salary of \$13,000 per year effective January 1, 1958.
16. Carolyn Stieber, Instructor in Political Science at a salary of \$570 for the period January 1, 1958 to March 31, 1958.
17. Francis Xavier Scannel, Instructor in Administrative and Educational Services at a salary of \$400 for the period January 1, 1958 to March 31, 1958.
18. Bruce James Dunn, Instructor in Administrative and Educational Services at a salary of \$600 for the period January 1, 1958 to March 31, 1958.
19. Wayne Dean Woodby, Instructor in Administrative and Educational Services at a salary of \$600 for the period January 1, 1958 to March 31, 1958.
20. Ralph Peckham, Instructor in Administrative and Educational Services at a salary of \$250 for the period January 1, 1958 to March 31, 1958.
21. Ronald James Baird, Instructor in Teacher Education at a salary of \$2000 for the period January 1, 1958 to June 30, 1958.
22. Dale Olsen, Resident Coordinator in Teacher Education, at a salary of \$1000 from October 1, 1957 to June 30, 1958.
23. Olive Chase, Instructor in Teacher Education at a salary of \$360 for the period April 1, 1958 to June 30, 1958.
24. Robert B. Engle, Instructor in Applied Mechanics at a salary of \$3800 for the period January 1, 1958 to June 30, 1958.
25. Vito J. Sarli, Instructor in Chemical Engineering at a salary of \$1000 for the period January 1, 1958 to March 31, 1958.
26. Tomi Hirama Cheng, Instructor in Textiles, Clothing and Related Arts and Continuing Education at a salary of \$1800 for the period January 1, 1958 to March 31, 1958.
27. Nixola Bayle, Instructor in Textiles, Clothing and Related Arts and Continuing Education at a salary of \$1600 for the period January 1, 1958 to March 31, 1958.
28. Roger Faber, Instructor (Res.) in Chemistry at a salary of \$400 per month from January 1, 1958 to June 30, 1958.
29. Clement T. Futterer, Instructor in Chemistry at a salary of \$350 per month from January 1, 1958 to March 31, 1958.
30. Enders A. Robinson, Assistant Professor of Statistics at a salary of \$6000 per year effective January 1, 1958 to August 31, 1958.
31. Abraham Zemach, Lecturer in Religion without salary from January 1, 1958 to August 31, 1958.
32. John C. Howell, Assistant Professor of Sociology and Anthropology at a salary of \$6000 per year on a 10-month basis effective September 1, 1958.
33. William V. Lumb, Associate Professor of Surgery and Medicine at a salary of \$11,000 per year on a 12-month basis effective April 1, 1958.
34. Huguette Sirianni, Supervisor in the Graduate School at a salary of \$225 per month effective January 1, 1958 to August 31, 1958.
35. Mark M. Garbarini, Associate Editor of the Michigan State University Magazine, Information Services at a salary of \$6400 per year on a 12-month basis effective January 27, 1958.
36. Lloyd V. Douglas, Distinguished Visiting Professor, Business Education and Secretarial Studies at a salary of \$2000 for the summer school period June 24, 1958 to July 31, 1958.
37. E. E. Schattschneider, Distinguished Visiting Professor of Political Science at a salary of \$2000 for the summer school period June 24, 1958 to July 31, 1958.

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NEW BUSINESS, continuedTransfers

1. L. G. Rothney, from Assistant Agricultural Agent in Montcalm County to County Agricultural Agent in St. Joseph County at an increase in salary to \$6900 per year on a 12-month basis effective January 1, 1958.
2. Clayton D. Reid, from County Agricultural Agent, Schoolcraft County to Assistant Agricultural Agent, Montcalm County, at an increase in salary to \$6000 per year on a 12-month basis effective January 16, 1958.
3. Floyd W. Hicks from District Horticultural and Poultry Agent in the Upper Peninsula to Field Poultry (Ext.) at a salary of \$4000 per year on a 12-month basis effective January 1, 1958.
4. William J. Kimball, from Agricultural Agent in Eaton County to Assistant Professor (Res.) of Resource Development at a salary of \$7500 per year on a 12-month basis effective January 1, 1958.
5. Thomas F. Green, from Assistant Professor of Humanities to Assistant Professor of Foundations of Education at a salary of \$8000 per year on a 12-month basis effective April 1, 1958.

Transfers

Salary Changes

1. Increase in salary for Daris D. Moyer, Instructor (Ext.) in Poultry Husbandry to a salary of \$10,000 per year effective December 1, 1957.
2. Increase in salary for Lyle D. Oleson, Instructor in Applied Mechanics to \$6000 per year on a 10-month basis effective January 1, 1958.
3. Increase in salary for Charles F. Sloane, Police Specialist, Viet-Nam Project, to \$8850 effective August 1, 1957.

Salary inc.
for
Daris D. Moyer

Lyle D. Oleson

Chas. Sloane

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

Miscellaneous

1. Cancellation of leave of absence without pay for E. P. Whiteside, Professor of Soil Science, for the period from December 5 to January 4, 1958.
2. Promotion of Charles L. Beer from Instructor to Assistant Professor (Extension) of Agricultural Economics, effective January 1, 1958.
3. Reduction of teaching load and responsibilities for Glendon Swarthout, Assistant Professor of Communication Skills, and change in salary from \$6500 to \$4800 per year on a 10-month basis effective January 1, 1958. This action is requested by Dr. Swarthout.
4. Termination of the appointment of John L. O'Donnell as Acting Director of the Bureau of Business and Economic Research, effective December 31, 1957.
5. Change James E. Brown, Instructor in Accounting, from a half-time to a full-time basis at a salary of \$500 per month, effective from January 1, to March 31, 1958.
6. Change Raymond G. Luoma, Instructor in Accounting, from a half-time to a full-time basis at a salary of \$500 per month, effective from January 1 to March 31, 1958.
7. Change Thomas R. O'Donovan, Instructor in General Business, from a half-time to a full-time basis at a salary of \$533 per month, effective from January 1 to June 30, 1958.
8. Change Charles C. Chandler, Instructor in Teacher Education from a part-time to a full-time basis at a salary of \$3600 for the period from January 1 to June 30, 1958, paid \$1500 from the Practice Teaching budget, 11-4453, and \$2100 from Teacher Education, 11-4451.
9. Change Julian Kateley, Jr., Instructor (Research) in the Computer Laboratory, from a half-time to a three-quarter-time basis at a salary of \$400 per month for the period from January 1 to June 15, 1958.
10. Recommendation from Dean Muelder for the continuation of Weldon Hart's salary from December 1, 1957 to May 31, 1958.
11. Designation of Charles R. Hoffer as Acting Head of Sociology and Anthropology at an additional salary of \$100 per month, effective from January 1 to December 31, 1958.
12. Recommendation that the following staff members of the Institute of Research on Overseas Programs receive overseas incentive increments as follows:
 - a. Walter Adams--\$1135.04 for December 1957, and \$1174.25 per month beginning January 1, 1958, for the period of his overseas service.
 - b. John A. Garraty--\$972.95 for December 1957 and \$1006.50 per month beginning January 1, 1958, for the period of his overseas service.
13. Recommendation that the salary of Edward W. Weidner, Director of the Institute of Research on Overseas Programs, be paid from the Institute account, 71-2231, effective September 1, 1957.

Cancellation
leave E.P.
WhitesideC.L. Beer
Asst. Prof.Teaching load
and responsi-
bilities of
Glendon Swart-
hout reduced
Term. appt.
J.L. O'Donnell
Act. Dir. Bur
Bus. Res.James E. Brown
changed to
full-time
R.G. Luoma
changed to
full-time
T.R. O'Donovan
changed to
full-time
Chas. Chandler
changed to
full-time
Julian Kateley
changed to 3/4
timeWeldon Hart's
sal. cont. to
May 31, 1958C.R. Hoffer
designated
Act. Hd Soc.Walter Adams
John Garraty
to receive
overseas in-
centive
increments
Weidner's sal
to be paid
from Institute
account

NEW BUSINESS, continued

Miscellaneous, continued

- Albert Levak assigned to Pakistan Proj. Source of sal. changed for J.P. Harkness Retirement of several employees approved
14. Assignment of Albert E. Levak, Assistant Professor of Social Science, to the Pakistan Project at a salary of \$8200 per year, effective January 1, 1958, paid from account 71-2234.
15. Change in salary source of James P. Harkness, Instructor in Continuing Education, to one-half from Social Research Service account 71-2392 and one-half from Continuing Education account 21-2902, effective from September 1, 1957 to June 30, 1958.
16. Recommendation from the Retirement Committee for the retirement of the following employees, effective July 1, 1958:
- a. Albert A. Applegate, Professor and Head of Journalism, at a retirement salary of \$3000 per year. Professor Applegate was born September 9, 1899, and has been a member of the staff since January 1, 1936.
 - b. Ray D. Bailey, Buildings and Utilities, at a retirement salary of \$1318 per year. Mr. Bailey was born September 21, 1892, and has been employed by the University since August 18, 1941.
 - c. John W. Hope, Technician in the Museum, at a retirement salary of \$1481 per year. Mr. Hope was born July 28, 1889, and has been employed by the University since January 15, 1942.
 - d. George McMinn, Buildings and Utilities, at a retirement salary of \$1425 per year. Mr. McMinn was born March 31, 1890, and has been employed by the University since April 19, 1937.
 - e. Henry C. Moore, Associate Professor of Farm Crops, at a retirement salary of \$3000 per year. Mr. Moore was born December 23, 1889, and has been a member of the staff since July 17, 1917.
 - f. Karl A. Schlademan, Professor of Health, Physical Education, and Recreation and Track Coach, at a retirement salary of \$2872 per year. Mr. Schlademan was born February 11, 1890, and has been a member of the staff since September 1, 1940.
 - g. Joshua Slater, Buildings and Utilities, at a retirement salary of \$3000 per year. Mr. Slater was born July 10, 1892, and has been employed by the University since October 8, 1923.
- Retirement furlough and retirement for Irma Gross approved
17. Recommendation from the Retirement Committee that Irma H. Gross, Professor and Head of Home Management and Child Development, be granted a retirement furlough for one year beginning September 1, 1958, and retirement at a retirement salary of \$3000 per year, effective September 1, 1959. Dr. Gross was born July 21, 1892, and has been employed by the University since September 1, 1921.
- Retirement furlough and retirement R.J. Coleman approved
18. Recommendation from the Retirement Committee that Robert J. Coleman, Director of Radio Station WKAR, be granted a retirement furlough for one year beginning July 1, 1958, and retirement at a retirement salary of \$3000 per year, effective July 1, 1959. He was born December 17, 1892, and has been employed since October 5, 1930.
- Retirement Olen F. Brown approved.
19. Recommendation from the Retirement Committee that Olen F. Brown, employed in the Horticulture Department, be granted retirement at a retirement salary of \$2268 per year, effective January 1, 1958. Mr. Brown was born May 6, 1891, and has been employed by the University since April 1, 1929.
- Retirement E.N. Huby approved.
20. Recommendation from the Retirement Committee that Everett N. Huby, Photographer in Intercollegiate Athletics, be granted retirement at a retirement salary of \$1776 per year, effective July 1, 1958. Mr. Huby was born May 10, 1893, and has been employed by the University since February 1, 1938.
- Report of death of Eldon Down
21. Report of the death of Eldon E. Down, Professor of Farm Crops on December 3, 1957. Dr. Down was born on March 12, 1892 and had been employed by the University since September 1, 1916.
- Report of death of Dean Emmons
22. Report of the death of Dean Lloyd C. Emmons on December 8, 1957. Dean Emmons was born on May 4, 1887, was first employed by the University as an Instructor in Mathematics on September 1, 1909, and was Dean of Science and Arts at the time of his retirement Jan. 1, 1954.
- On motion of Mr. Mueller, seconded by Mr. Rouse, it was voted to authorize the preparation of illuminated resolutions on the death of Dr. Down and Dean Emmons to be spread upon the permanent records and a copy sent to the immediate families. (See Resolutions Book).
- Report of death Joel Jerue
23. Report of the death of Joel Lewis Jerue, employee in the Union Building Cafeteria, on November 25, 1957. Mr. Jerue was born on August 30, 1880, was first employed by the University on January 7, 1937, and was retired on July 1, 1946.
- Report of death of Fred Eyestone
24. Report of the death of Fred C. Eyestone on November 20, 1957. Mr. Eyestone was born on September 7, 1871, was first employed by the University on October 2, 1918 and was a janitor in Williams Hall at the time of his retirement on June 30, 1938.
- Approval several recommendations from Director of Personnel
25. Recommendations as follows from the Director of Personnel:
- a. Establishment of a Dairy Technician III position in the Dairy Department, to be paid from account 21-2809.
 - b. Establishment of a Physiologist III position in Physiology and Pharmacology, to be paid from account 71-6863.
 - c. Establishment of a Clerk-Stenographer II position for the Pakistan Project, to be paid from account 71-2234.
 - d. Reclassification of a Production Assistant IIB to a Production Assistant IV position in Television Development.
 - e. Establishment of a Supervising Engineer IV position for the Michigan State University Oakland Branch, account 11-4151.

NEW BUSINESS, continuedMiscellaneous, continued

25. Recommendations from Director of Personnel, continued:

- f. Establishment of a Typist-Dictaphone Operator position in the Central Stenographic Office, paid from account 11-2521.
- g. Establishment of a Project Inspector IV position in the Office of the Supervising Architect with a salary range of \$7020 to \$8580 per year to be paid from account 11-5311.

26. Release of right of way for the extension of Farm Lane to Forest Road and Shaw Lane to Hagadorn Road by the Ingham County Road Commission. The extension of Shaw Lane is to be 86 feet wide, and Farm Lane is to be 66 feet wide.

27. Approval of granting the appropriate degrees to those students who according to the records of the Registrar have completed the requirements for graduation at the end of the fall term of 1957. List on file in Registrar's Office.

Gifts and Grants

1. Gift of a Swing-O-Matic heavy duty farm gate valued at \$200 from J. Ralph Griffith of Birmingham to be used by the Animal Husbandry Department at the beef cattle barn.
2. Gift of a Vickers' test stand including photographs, drawings of the circuits, parts, and installation, valued at \$1500, from Vickers Incorporated of Detroit to be used in Mechanical Engineering in connection with establishing an automatic controls laboratory.
3. Grants as follows to be used for scholarship purposes:
 - a. \$100 from F. W. Gaines of Cleveland, Ohio, to be used to assist some worthy and well qualified student needing financial help.
 - b. \$500 from The Ohio Association of Retail Lumber Dealers of Xenia, Ohio, to establish a scholarship to be known as The Theodore Laist--Antioch Scholarship, for a student enrolled in the Lumber and Building Materials Merchandising curriculum (account 37-3348)
 - c. To continue previously established scholarships:
 - (1) \$1500 from the LaChoy Food Products of Archbold to be deposited in the Grocery Manufacturers Fund, 71-2549.
 - (2) \$300 from the Fred Harvey Company of Chicago to be deposited in the Fred Harvey Company Fund, 32-3348.
 - d. To be used to aid designated students:
 - (1) \$100 from the Michigan Society for Crippled Children of Detroit, account 31-1001.
 - (2) \$500 from the Loeb Farm School for Jewish Children, Inc., of Chicago, account 32-1001.
4. Grant of \$200 from the J. R. Watkins Company of Winona, Minnesota, to be used under the direction of R. G. Mawby in 4-H Clubs for two \$100 scholarships to an outstanding boy and girl.
5. Grant of \$175 from the State Association of Mutual Insurance Companies of Lansing to be used under the direction of R. G. Mawby in 4-H Clubs; \$100 for the 1957 Farm Fire Prevention trip to Club Congress, and \$75 for the 1957 Farm Fire Prevention bond awards to three members.
6. Grant of \$1733.50 from the National Committee on Boys & Girls Club Work of Chicago to be used under the direction of R. G. Mawby in 4-H Clubs to cover expenses of delegates to the National Club Congress.
7. Grant of \$183 from the National Committee on Boys & Girls Club Work of Chicago to be used under the direction of R. G. Mawby in 4-H Clubs for expenses of sectional and national honors trips to the National Club Congress in Citizenship and Recreation.
8. Grant of \$777.65 from the New York Central Railroad Company of Rochester, New York, to be used under the direction of R. G. Mawby in 4-H Clubs to cover expenses of 4-H leadership award of the 4-H Clover certificates and recognition dinner at the State 4-H Show.
9. Approval of a memorandum of agreement with the Air Reduction Company, Inc., Division of the Ohio Chemical & Surgical Equipment Company, of Madison, Wisconsin, covering a grant of \$3,500 to be used under the direction of D. R. Isleib in Farm Crops to investigate the effect of nitrous oxide and oxygen atmospheres on the conditioning of potatoes for potato chips.
10. Renewal of a memorandum of agreement with Chas. Pfizer & Company of Terre Haute, Indiana, covering a grant of \$2500 to be used under the direction of P. J. Schaible in Poultry Husbandry to study the use of unidentified growth factors in poultry and the use of antibiotics and unidentified growth factors in the ration of mink.
11. Renewal of a memorandum of agreement with the Michigan State Poultry Improvement Association of East Lansing covering a grant of \$550 to be used under the direction of J. A. Davidson in Poultry Husbandry to test entries in the broiler test being raised at the Kellogg Farm.
12. Renewal of a memorandum of agreement with the National Education Association of Washington, D. C., covering a grant of \$1500 to be used under the direction of Julian Smith in Administrative and Educational Services to provide for workshops, institutes, and clinics in connection with the outdoor education project and continuing education.
13. Grant of \$1,000 from the United States Forest Service of Minneapolis, Minnesota, to be used under the direction of Ray Hutson and J. W. Butcher in Entomology for European pine shoot moth and forest plantation insect investigations. Provision is made for a special graduate research assistant.

Personnel
recommendations
approved

Release right
of way for ext
Farm Lane to
For. Rd. & Shaw
Lane

Degrees
granted end
fall term

Gifts and
Grants

NEW BUSINESS, continuedGifts and Grants, continuedGifts and
Grants

14. Grant of \$1500 from the White Laboratories, Inc., of Kenilworth, New Jersey, to be used in Chemistry, as follows:
 - a. \$1480 to provide a fellowship for a graduate student.
 - b. \$20 for supplies and services.
15. Grant of \$1,000 from the Upjohn Company of Kalamazoo to be used under the direction of A. R. Drury in Surgery and Medicine in mastitis research.
16. Grants as follows to be used under the direction of H. R. Neville in Continuing Education as contributions toward the Christmas Adventure in World Understanding Programs:

Seth Bidwell, Lansing	\$ 50
Mrs. E. A. Mackey, Lansing	50
Dorothy Marston Osgood, East Lansing	50
Mayflower Circle, Plymouth Church, Lansing	50
The Detroit Edison Company, Detroit	500
Albert G. Redmond, East Lansing	110
Bruce A. Stickle, Lansing	50
L. M. Swift, East Lansing	50
Major Appliance Company, East Lansing	110
Gordon Bygrave, Lansing	50
F. A. McCartney, Lansing	50
Schaberg-Dietrich Hardware Company, Lansing	100
Frank Jury, Lansing	100
Mr. and Mrs. Howard Sober, East Lansing	50
L. A. Davidson, Lansing	100
Ford Motor Company Fund, Dearborn	400
Great Lakes Steel Corporation, Detroit	250
Reno G. Carrier, Lansing	100
17. Grant of \$20,000 from the Michigan Inter-Industry Highway Safety Committee of East Lansing to be used under the direction of G. H. Sheehe in the Highway Traffic Safety Center to create a favorable climate and greater community appreciation for and acceptance of the values of driver education by producing a series of regional television programs throughout the State of Michigan.

Reports for Board MembersAlterations
approved for
Elec. Engr.
Bldg. Olds
Hall and
Dem. Hall

1. Approval of the following alteration and improvement projects since the November Board meeting:
 - a. Alterations to Electrical Engineering Building, mostly electrical and installation of new door \$ 985
 - b. Improve lighting Room 218, Olds Hall 360
 - c. Improve Rooms 9 and 10, Demonstration Hall, for Military 360

Total \$1,705
2. Payments as per lists on file to salaried employees since the November Board meeting.

On motion of Dr. Smith, seconded by Mr. Brody, it was voted to approve all New Business on which action does not already appear.

ADDITIONAL ITEMS

Resignations

Resignations and Terminations

1. Donald C. Zeiger, Assistant Professor (Res.) of Horticulture effective February 28, 1958 to accept employment at the University of West Virginia.

Appointments

Appointments

1. Phillip Roberts, 4-H Club Agent in Montcalm County at a salary of \$5300 per year on a 12-month basis effective January 1, 1958.
2. Hal R. Taylor, Instructor in the National Project for Agricultural Communications at a salary of \$10,000 per year on a 12-month basis effective February 1, 1958.
3. John Nash Ott, Lecturer in Horticulture without salary effective January 1, 1958.
4. Hugh Swaney Johnson, Field Poultryman (Ext.) at a salary of \$4000 per year on a 12-month basis effective January 1, 1958.
5. Helen Elizabeth Whaley, Instructor in Nursing at a salary of \$4600 per year on a 12-month basis effective February 1, 1958 to February 21, 1958.

Salary inc.
Norris Wold
and
Andrew DoyleSalary Changes

1. Increase in salary for Norris Wold, Manager of the Ice Rink from \$6800 per year to \$7200 per year effective January 1, 1958.
2. L. Andrew Doyle, Assistant Director of Continuing Education from \$9000 per year to \$9600 per year effective January 1, 1958.

ADDITIONAL ITEMS, continuedMiscellaneous

1. Payment of the salary of James W. Goff, Assistant Professor of Forest Products, from Packaging Foundation funds (account 11-3991) from January 1 to March 31, 1958.
2. Change Walter B. Emery from Visiting Professor of Speech on a temporary basis to Professor of Speech at the same salary of \$12,000 per year on a 12-month basis effective January 1, 1958 on a permanent basis.
3. Cancellation of leave of absence without pay for Gerald W. Prescott, Professor of Botany and Plant Pathology, from January 1 to June 30, 1958, and approval of a recommendation that his salary be paid from National Science Foundation grant account 71-2323 from January 1 to June 30, 1958. Dr. Prescott will make a study of algae in the Andes and Ecuador during this period.
4. Change in salary source for Jay W. Artis, Assistant Professor (Research) of Sociology and Anthropology, effective January 1, 1958 as follows:
 - a. Discontinue one-half time on Extension
 - b. One-half salary paid from Social Research Service funds, account 71-2392
 - c. One-fourth salary paid from Sociology and Anthropology, account 11-3741
 - d. One-fourth salary paid from Agricultural Experiment Station
5. Recommendations from Vice President May as follows:
 - a. That Professor Down's salary of \$11,900 be continued to his widow for one full year beyond the date of his death, December 3, 1957.
 - b. That Dean Emmons' salary as Assistant Director of the Museum in the amount of \$5200 be continued to his widow for the balance of this fiscal year.
6. Recommendation from the Committee on Honorary Degrees that the degree Doctor of Laws be conferred upon Mr. Genshu Asato, President of the University of the Ryukyus, while he is on the campus.
7. Recommendation from Vice President Varner, Dean Cowden, and Director of Extension Miller as follows:

That a change of the working titles of field workers of the Cooperative Extension Service be made effective January 1, 1958.

Present working titles are County Agricultural Agent, Associate County Agricultural Agent, Assistant County Agricultural Agent, Home Demonstration Agent, 4-H Agent, District Marketing Agent, District Horticultural Agent, Consumers Information Agent, and other more specific and experimental titles.

It is recommended that the field working titles become:

 - a. County Extension Agent in the area of responsibility, such as agriculture, home home economics, 4-H, marketing, etc.
 - b. County Extension Director. Such designation will not be automatic and will be accepted through consultation with county by county staffs, boards of supervisors, and advisory groups. It is planned to shift the titles over a period of time.
8. Recommendation with the approval of Deans Cowden and Seelye and the Administrative Group to transfer the Department of Landscape Architecture and Urban Planning from the College of Agriculture to the Division of Public Service in the College of Business and Public Service. It is recommended that this transfer be made effective January 1, 1958 and that the name be the Department of Urban Planning and Landscape Architecture. All courses in plant materials and ornamental horticulture now in this department are to be transferred with staff to the Department of Horticulture and remain in the College of Agriculture.

Associate Professor Clarence E. Lewis is to be transferred to the Department of Horticulture.
9. Recommendation from Dean Ryder and the Administrative Group to discontinue the 2-year terminal curriculum in drafting. In 1956 there was a total of 19 students in the program; this year there are but 7. These courses are not in line with present plans in the College of Engineering. The Lansing Community College is offering a similar program. It is proposed to complete the program for the students currently enrolled but to receive no new students into this program.
10. Recommendation by Vice President May and Dean Taggart that the following resolution be approved authorizing Mr. Ross, our representative in Pakistan, to sign housing leases for our employees there in the name of Michigan State University:

WHEREAS, the State Board of Agriculture under Article XI of the Constitution of the State of Michigan has sole jurisdiction and responsibility for the operation of the Michigan State University of Agriculture and Applied Science, hereinafter referred to as the University; and

WHEREAS the University, under date of June 10, 1957 has entered into agreements with the Government of Pakistan and The Ford Foundation for assistance in planning and inaugurating two academies of village development; and

Salary James Goff paid from Packaging Found

Walter Emery status changed to Prof. Speech

Leave for Dr. Prescott cancelled

Salary source for Jay Artis approved

Prof. Down's salary to be continued for one year

Dean Emmons salary to be continued to end of year Hon. degree to be awarded Genshu Asato

Approval of recommendation of titles of field workers of Coop. Ext. Service

Lands. and Urban Planning changed to College of Bus. and Pub. Service-Name changed to Urban Planning and Lands.Arch. C.E. Lewis trans. to Hort.

2-yr terminal curriculum in drafting discontinued

Approval of resolution authorizing Pakistan rep. to sign housing leases

ADDITIONAL ITEMS, continued

Miscellaneous, continued

10. Resolution, Pakistan, continued:

WHEREAS it is necessary for the staff of the University to rent office, space and dwellings in carrying out programs covered by the reference contracts; and

WHEREAS IT IS NECESSARY for the renting of such facilities to be covered by leases negotiated in Pakistan:

NOW, THEREFORE, BE IT RESOLVED That Dr. William T. Ross, Executive Secretary, Michigan State University Mission in Pakistan, is hereby authorized to sign leases for the required facilities in the name of the Michigan State University of Agriculture and Applied Science for a period of time up to and including June 10, 1960.

11. Bids were taken for the removal of the Jack MacAllan house at 1535 Harrison Road as follows:

Nettie Everett	\$210
Lewis E. Perkins	- 65
Central Wrecking Company	- 149
Capitol Lumber and Wrecking Company	-275

It is recommended that the high bid of \$210 by Nettie Everett be accepted.

12. Bids were taken for the removal of all buildings from the R. J. Kleis farm, 4428 College Road, as follows:

<u>Milk House</u>		<u>Granary</u>	
Lewis E. Perkins	- \$ 8	E. F. Schaefer	\$ 112.00
Central Wrecking Company	- 150	Bennie Taylor	67.00
		Lewis E. Perkins	57.00
<u>House</u>			Richard Watson
M. K. Hartwick	\$ 800		12.50
Nettie Everett	210		Claude Russell
Lewis E. Perkins	57		11.00
J. Barns	27		Central Wrecking Co.
Central Wrecking Company	no charge		-75.00
<u>Garage</u>		<u>Barn</u>	
E. F. Schaefer	\$ 22	Lewis E. Perkins	- 135.00
Donald Brooks	10	Central Wrecking Co.	- 990.00
Richard Watson	3	Capitol Lumber and Wrecking Company will	
Lewis E. Perkins	- 23	charge \$815 to remove all buildings.	
Central Wrecking Company	- 25		
<u>Tool Shed</u>			
E. F. Schaefer	\$ 34.00		
Richard V. Detzler	27.87		
Central Wrecking Company	10.00		
Claude Russell	60.00		
Richard Watson	4.00		
Lewis E. Perkins	- 20.00		

It is recommended that the high bids be accepted as follows:

House	\$800	M. K. Hartwick
Garage	22	E. F. Schaefer
Tool Shed	34	E. F. Schaefer
Granary	112	E. F. Schaefer

It is also recommended that Lewis E. Perkins be paid \$135 for removing the barn.

13. Bids were taken for the removal of all buildings from the Earl Hicks farm, 3130 College Road, as follows:

<u>House</u>		<u>Garage</u>	
Nettie Everett	\$100	Floyd Gibbs	\$ 40
E. F. Schaefer	50	Lewis E. Perkins	35
Lewis E. Perkins	20	Bennie Taylor	28
Central Wrecking	-164	Claude Russell	6
		Central Wrecking	- 50
<u>Barn and Silo</u>		Capitol Lumber and Wrecking Company will	
E. F. Schaefer	50	remove all buildings for \$630	
Lewis E. Perkins	20		
Central Wrecking	-950		

It is recommended that the high bids be accepted as follows:

House	\$100	Nettie Everett
Barn & Silo	50	E. F. Schaefer
Garage	40	Floyd Gibbs

AW

ADDITIONAL ITEMS, continued

Miscellaneous, continued

14. Bids were taken for the removal of all buildings from the Harvey West Place at the corner of Hagadorn and Cavanaugh Roads, as follows:

<u>Unpainted House</u>		<u>Garage</u>	
Lewis E. Perkins	- \$ 40	Floyd J. Gibbs	\$ 50
Central Wrecking Company	- 374	A. Hammond	40
		Paty's Auto Parts	40
<u>Chicken House #1</u>		E. F. Schaefer	34
Lewis E. Perkins	- 3	Donald Brooks	26
Central Wrecking Company	- 15	Lewis E. Perkins	25
		William Breakey	21
<u>Chicken House #2</u>		Nettie Everett	21
Lewis E. Perkins	- 5	Bennie Taylor	11
Central Wrecking Company	- 40	Central Wrecking Co.	- 45

<u>Tool Shed</u>		<u>White House</u>	
Lewis E. Perkins	- 10	William Breakey	\$452
Central Wrecking Company	- 125	M. K. Hartwick	300
		Paty's Auto Parts	260
Capitol Lumber and Wrecking Company		Nettie Everett	210
will removal all buildings for \$615		E. F. Schaefer	85
		Lewis E. Perkins	26
		Central Wrecking Co.	-249

It is recommended that the high bids be accepted as follows:

White house	\$452	William Breakey
Garage	50	Floyd J. Gibbs

It is also recommended that the University not accept the bids for the unpainted house, the chicken houses, and the tool shed, and that the Secretary be authorized to have the buildings razed and burned.

15. The marble figure on the Jenison cemetery lot has been damaged by erosion and vandalism. The fingers of the one hand of the human figure have been broken off, a piece of marble has been broken from the neck, et cetera. It is recommended that the Board authorize the officers to have designed and installed a suitable permanent granite monument for the Jenison lot to be charged to Jenison estate funds.

Figure on
Jenison ceme-
tery lot to
be replaced

On motion of Mr. Mueller, seconded by Mr. Rouse, it was voted to approve the foregoing Additional Items.

16. About a year ago the Hovhannessian barn on Hagadorn Road that was assigned to the College of Veterinary Medicine was destroyed by fire. There was \$12,000 worth of insurance on this barn and some delay in collecting it. In June consideration was given to the possibility of providing funds in excess of the amount of insurance to provide for the replacement of this barn. Due to the illness of Dean Clark, it was decided to delay action until the new Dean of Veterinary Medicine could review his desires in this connection. The following statement by Dean Armistead indicates why he feels that this barn should be replaced as soon as possible.

Hovhannessian
barn to be
replaced -
approximate
cost
\$43,000

"This proposed barn is needed to provide facilities for research on the infectious diseases of farm animals. A barn previously used for this kind of research was lost by fire in December 1956. For meaningful research on infectious diseases, animals must be housed in quarters so constructed as to permit isolation of individual animals and scrubbing and disinfection of animal quarters. At present no such facility is available for large (farm) animals.

The most pressing need for the proposed barn is for work being done in leptospirosis of cattle and swine. Both basic and applied aspects of this important problem are being actively investigated by staff members, post-doctoral research fellows and graduate research assistants under the direction of Dr. Erskine V. Morse. During 1957 it was necessary to house on several separated farms approximately 135 head of cattle, sheep, and swine used in these studies. Aside from the considerable inconvenience involved, such dispersal constituted serious hazard to normal animals being kept nearby since leptospirosis spreads readily.

Leptospirosis is currently one of the most serious livestock disease problems in the United States. The Agricultural Research Service of the United States Department of Agriculture estimates annual losses to this disease to be in excess of \$100 million. Some competent veterinary authorities have predicted that leptospirosis may soon surpass even brucellosis in importance.

The barn as proposed would allow simultaneous research on cattle, swine, sheep, and goats. Because of its design, it could also be used for research on Vibrio fetus abortion of cattle and sheep, brucellosis of cattle or swine, and parasitic diseases of livestock--projects already approved by the Agricultural Experiment Station but lacking adequate facilities. The barn also would permit us to undertake research on several other animal diseases of economic and scientific importance."

Secretary McDonel has a detailed estimate indicating that it will cost approximately \$43,000. It is recommended that the Board approve not to exceed \$35,000 which added to the \$12,000 of insurance is to be available for the construction and equipment of this barn with the understanding that the work can begin as soon as possible.

On motion of Dr. Smith, seconded by Mr. Brody, it was voted to approve the recommendation in item 16.

ADDITIONAL ITEMS, continued

Miscellaneous, continued

Resolution re:
issuance and
sale of MSU
Men's Intra-
mural Bldg.
sinking fund
bonds

17. Vice President May reported on the details of the completion of the financing for the Men's Intramural Building and presented the following formal resolution for Board approval, which has been approved by University Attorney Carr:

RESOLUTION OF THE STATE BOARD OF AGRICULTURE RELATIVE TO THE ISSUANCE AND SALE OF MICHIGAN STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE MEN'S INTRAMURAL CENTER SINKING FUND BONDS.

WHEREAS, The State Board of Agriculture, in the exercise of its constitutional duties, has determined that it is necessary and expedient to construct, furnish and equip a Men's Intramural Building on the campus of Michigan State University of Agriculture and Applied Science at East Lansing, Michigan; which building will provide necessary intramural facilities for male students attending the University; and

WHEREAS, this Board deems it necessary and expedient to issue and sell Michigan State University of Agriculture and Applied Science Men's Intramural Center Sinking Fund Bonds in the aggregate principal amount of Three Million Five Hundred Thousand Dollars (\$3,500,000.00) for the purpose of providing funds to pay costs incidental to the construction, furnishing and equipping of the Men's Intramural Building above referred to, including, but not limited to, Architects' fees, costs of bringing utility services to said building, costs of necessary walks and drives, landscaping, insurance during construction, financing costs and costs of unforeseen contingencies, and to establish a Bond and Interest Reserve Fund in the amount of Two Hundred Thousand Dollars (\$200,000.00); and

WHEREAS, Ann Arbor Trust Company, a Michigan Corporation, of Ann Arbor, Michigan, has submitted for the consideration of this Board a form of Trust Agreement pursuant to which Michigan State University of Agriculture and Applied Science Men's Intramural Center Sinking Funds Bonds of the face value of Three Million Five Hundred Thousand Dollars (\$3,500,000.00) may be issued and sold.

NOW, THEREFORE, BE IT RESOLVED BY THE STATE BOARD OF AGRICULTURE that it borrow, the sum of Three Million Five Hundred Thousand Dollars (\$3,500,000.00), through the issuance and sale of Michigan State University of Agriculture and Applied Science Men's Intramural Center Sinking Fund Bonds, under the terms and conditions more specifically set forth in the Official Statement of this Board relative to such issuance and sale; which Official Statement is incorporated herein by reference, with the same force and effect as if fully set forth herein.

BE IT FURTHER RESOLVED that the Trust Agreement between this Board and Ann Arbor Trust Company, to be dated as of December 15, 1957, which conforms to the terms and conditions set forth in the Official Statement of this Board and pursuant to which said Michigan State University of Agriculture and Applied Science Men's Intramural Center Sinking Fund Bonds may be issued and sold, be and the same is hereby approved as to content and form.

BE IT FURTHER RESOLVED that this Board issue Michigan State University of Agriculture and Applied Science Men's Intramural Center Sinking Fund Bonds of the face value of Three Million Five Hundred Thousand Dollars (\$3,500,000.00) pursuant to the terms and conditions set forth in the Official Statement adopted by this Board and the Trust Agreement above referred to, and to sell the same to provide funds to pay costs incidental to the construction, furnishing and equipping of the Men's Intramural Building above referred to, which building, when completed and placed in operation, will provide the necessary intramural facilities for male students attending the University, and to pay other costs incidental thereto, including, but not limited to, Architects' Fees, costs of bringing utility services to said building, costs of necessary walks and drives, landscaping, insurance during construction, financing costs and costs of unforeseen contingencies, and to establish a Bond and Interest Reserve Fund in the principal amount of Two Hundred Thousand Dollars (\$200,000.00).

BE IT FURTHER RESOLVED that Philip J. May, Vice President and Treasurer of Michigan State University of Agriculture and Applied Science, be and he is hereby authorized, empowered and directed, in the name of The State Board of Agriculture and as its corporate act and deed, to execute and sign the Michigan State University of Agriculture and Applied Science Men's Intramural Center Sinking Fund Bonds herein provided for. If Philip J. May, by reason of illness, absence or for some other reason, be unable to sign the said bonds, the same shall be signed by Karl H. McDonel, Secretary of the University. To facilitate the signing of bonds, said Philip J. May is authorized to sign said bonds as P. J. May; and if the same shall be signed by Karl H. McDonel, he is authorized to sign the same K. H. McDonel. The coupons appertaining to Michigan State University of Agriculture and Applied Science Men's Intramural Center Sinking Fund Bonds shall be authenticated by the facsimile signature of Karl H. McDonel, Secretary of the University.

BE IT FURTHER RESOLVED that any two of the following officers of Michigan State University of Agriculture and Applied Science, to-wit: John A. Hannah, President, Karl H. McDonel, Secretary, and Philip J. May, Vice President and Treasurer, are hereby empowered and directed, for and in the name of The State Board of Agriculture and as its corporate act and deed, to execute the Trust Agreement hereinbefore referred to, to pledge the specific amounts of University Fees and Investment Income, as therein defined, for the purposes of securing and paying all payments of principal, interest and reserve provided for in the Trust Agreement and Official Statement, and to perform all acts and deeds and execute all instruments and documents necessary, expedient and proper in connection with the borrowing of said sum of Three Million Five Hundred Thousand Dollars (\$3,500,000.00) the issuance of said Men's Intramural Center Sinking Fund Bonds, and the sale of the same.

Be it further resolved that any two of said officers be and they are hereby authorized, empowered and directed, for and in the name of The State Board of Agriculture and as its corporate act and deed, to make, consent to, and agree to any changes in the terms and conditions of said

ADDITIONAL ITEMS, continued

Miscellaneous, continued

17. Resolution re: sale of bonds, Men's Intramural Building, continued:

Trust Agreement which they may deem necessary, expedient and proper, prior to or at the time of the execution of said Trust Agreement, but no such amendment shall change the provisions therein for the amount to be borrowed, the interest to be paid thereon, the payments required to be made to the Trustee, or the security pledged. Provided, however, nothing herein contained shall be construed as limiting the right of such officers to alter or change the date of issue of said bonds, the dates for payment of interest, or the dates fixed for payments to the Trustee provided for in said Trust Agreement.

BE IT FURTHER RESOLVED, that said officers, either in said Trust Agreement or by the issuance of said Men's Intramural Center Sinking Fund Bonds, shall not pledge the credit of or create any liability on the part of the State of Michigan, The State Board of Agriculture, or any member or officer of this Board of any of their successors, other than to pledge the specific amounts of University Fees and Investment Income as is required by the Trust Agreement above referred to and as set forth in the Official Statement.

BE IT FURTHER RESOLVED that any one of the above named officers be and he is hereby authorized, empowered and directed, for and in the name of The State Board of Agriculture, to sell Michigan State University of Agriculture and Applied Science Men's Intramural Center Sinking Fund Bonds of the face value of Three Million Five Hundred Thousand Dollars (\$3,500,000.00) in accordance with the terms of the commitments submitted by Ann Arbor Trust Company, as Fiscal Agent of this Board; and the same Ann Arbor Trust Company is hereby authorized to accept payment for said bonds upon delivery of the same.

On motion of Mr. Mueller, seconded by Mr. Brody, it was voted to approve the above resolution relative to the issuance and sale of Michigan State University of Agriculture and Applied Science Men's Intramural Center Sinking Fund Bonds.

18. The University student housing situation has been reviewed, and it is recommended that the construction of the men's dormitory designed by Savis on which we had planned to begin construction in the near future be postponed until the beginning of the 1958 school year. It is recommended, however, that we proceed with plans to get under way an additional 600 units of married student housing to complete the 2500 units previously approved by the Board and plan to get construction started in sufficient time to have these apartments completed and available for occupancy in the fall of 1959.

19. Recommendation from Vice President Hamilton as follows:

Now that MISTIC, the electronic computer, has been tested thoroughly and is operating effectively we are receiving many requests from the other colleges and universities in the state to provide computing service for their scientists in the solution of certain research problems.

It is recommended by the Dean of the College of Engineering, and I concur, that as our own research programs permit, the State Board authorize compliance with these requests with the understanding that in those instances where the research is of a contract nature (subsidized by an outside source) a fee will be charged, but that where the research is of a fundamental nature and supported only by institutional funds, the service may be provided without cost.

20. Vice President Varner reported to the Board on his conference with a committee of the Oceana County Board of Supervisors growing out of the resolutions recently directed by that Board to the State Board of Agriculture.

21. The President reported to the Board that Professor R. W. Lindholm of the College of Business and Public Service has recently accepted the deanship of the School of Public Administration at the University of Oregon and will be resigning his position here effective July 1, 1958.

22. Communication from Roscoe Bonisteel, Chairman of the Board of Regents of the University of Michigan, notifying this Board that the construction for the new governing boards organization has been approved by the Board of Regents of the University of Michigan and the Wayne State University Board and that this organization is now formally in existence.

23. The President reported to the Board in detail on certain student criticisms of the present regulation covering student driving of automobiles and called upon University Attorney Carr to present the amendments that are now proposed. (The amendments will be filed with these Board minutes.) Amendments effective September 1, 1958.

On motion of Mr. Harlan, seconded by Mr. Brody, it was voted to approve the amendments as presented.

On motion of Mr. Brody, seconded by Mr. Rouse, it was voted to approve the recommendations in items 18, 19, and 23.

24. Recommendation from the Retirement Committee for the disability retirement of Samuel H. Dwight, Assistant Professor of Physics and Astronomy, at a retirement salary of \$2774 per year, effective July 1, 1958. Mr. Dwight was born August 26, 1893, and has been employed by the University since July 14, 1930.

Resolution re: issuance and sale of MSU Men's Intramural Bldg. sinking fund bonds.

600 additional units of married housing to be ready by fall of 1959

Regulations re: computing service by electronic computer

Construction for new gov. bds organiz. now formally in existence

Approval of amendments to regulation covering stud. driving of automobiles

Retirement Samuel H. Dwight

ADDITIONAL ITEMS, continuedGifts and GrantsGifts and
Grants

1. Gift of the disassembled parts to comprise a complete scotch yoke compressor valued at \$100 from the Tecumseh Products Company of Tecumseh to be used in Agricultural Engineering for teaching purposes.
2. Grants as follows for scholarship purposes:
 - a. To establish new scholarships:
 - (1) \$100 from Joseph L. Bale Post No. 474 Jewish War Veterans of Detroit to establish an unrestricted scholarship under that name.
 - (2) \$11,475 from Lloyd M. Crane of Tipton in memory of his wife, Beulah R. Crane. Of this amount, \$11,000 is to be invested and the income used to provide an annual scholarship to be known as the Beulah R. Crane Scholarship. The scholarship will be in an amount not to exceed \$500 per year. Candidates must have graduated from Michigan Center High School and be enrolled in the College of Education, and have exhibited high scholastic ability and have financial need. The amount of \$475 has been designated by the donor to provide a grant to Jeanette M. Harris, a junior student at Michigan State University.
 - b. To be credited to established scholarships:
 - (1) \$500 from Joseph J. Shane of Pasadena, California, to be credited to the Grocery Manufacturers Scholarship fund, 31-3219.
 - (2) \$266.68 from the American Legion Headquarters of Detroit to continue the Guy M. Wilson scholarship for the winter term 1958.
 - (3) \$1,000 from Lansing Motor Carriers of Lansing to continue the annual scholarship in the field of transportation, account 31-3348.
 - c. To aid designated students:
 - (1) \$510 from the J. W. Knapp Company of Lansing
 - (2) \$150 from the School District of Heppner, Oregon
 - (3) \$400 from the University Hellenic Club of Philadelphia
 - (4) \$400 from the Michigan Elks Association of Lansing
 - d. \$127.50 from B. G. Harr and James G. House of the Dow Chemical Company for a scholarship in Metallurgical Engineering.
3. Renewal of a memorandum of agreement with the Almont Agricultural Extension Association of Lapeer County. This constitutes the support for this program for the year beginning November 15, 1956. This is for \$600 for agric. ext. program with farmers of Almont Township.
4. Renewal of a memorandum of agreement with the Almont Agricultural Extension Association covering a grant of \$3250 to support the intensive agricultural extension program for the year beginning November 15, 1957.
5. Renewal of a memorandum of agreement with Pan American Seeds, Inc., of Paonia, Colorado, covering a grant of \$5200 to be used under the direction of W. H. Haney, P. R. Krone, and H. B. Tukey in Horticulture to employ a geneticist to work on color inheritance of petunias, identification of genotype in commercial varieties and inbreds, and breed tester lines for use in testing genotype of individual varieties.
6. Approval of a memorandum of agreement with White Laboratories, Inc., of Kenilworth, New Jersey, covering a grant of \$3000 to be used under the direction of P. J. Schaible in Poultry Husbandry in a study of the value of Lipamone in poultry feeds.
7. Renewal of a memorandum of agreement with the American Institute of Park Executives of Wheeling, West Virginia, covering a grant of \$1200 to be used under the direction of A. T. Wilcox in Resource Development to continue a cooperative program for research and printing of technical literature in the park management field.
8. Grant of \$2300 from the Inter-University Committee on Travel Grants of New York City to be used by A. G. Meyer in Political Science to enable him to travel to the Soviet Union and spend one month in that country.
9. Grant of \$7000 from the General Foods Fund, Inc., of White Plains, New York, to be used in the College of Home Economics as follows:
 - a. \$6000 for two \$3000 fellowships for graduate study
 - b. \$1000 to the College of Home Economics
10. Grant of \$11,000 from the National Science Foundation of Washington, D. C., to be used under the direction of Robert P. Scheffer in Botany and Plant Pathology to study the physiology of parasitism.
11. Approval of a memorandum of agreement with The Ford Foundation of New York City covering a grant of \$135,000 to be used under the direction of Dean Taggart in International Programs to assist in making an intensive analysis of and to define Michigan State's role in the international field, and for other purposes related to the development of the international program. The agreement provides for special graduate research assistants.

ADDITIONAL ITEMS, continuedMiscellaneous, continuedGifts and GrantsGifts and
Grants

12. Grant of \$200 from the Spartan Alumnae Club of Greater Lansing to be used under the direction of Elsie Edwards in Communication Arts and Continuing Education to support the speech and hearing clinic.
13. Grant of \$4000 from the Automobile Club of Michigan to be used under the direction of H. R. Neville in Continuing Education for police training program scholarships.
14. Grants as follows to be used under the direction of H. R. Neville in Continuing Education to support the Christmas Adventure in World Understanding Program:

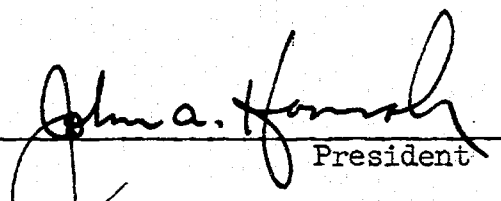
Burroughs Foundation, Detroit	\$250
Tranter Manufacturing, Inc., Lansing	50
Women's Society of Peoples Church, East Lansing	50
George H. and Elizabeth C. Arbaugh, Lansing	75
Harry Hubbard, Lansing	50
Ruth Bowen, Lansing	50

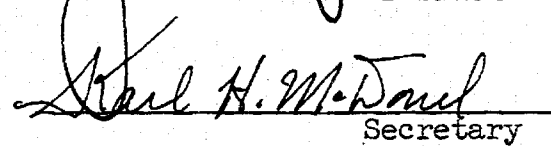
On motion of Mr. Brody, seconded by Mr. Rouse, it was voted to approve all Gifts and Grants.

The President raised the question with reference to the regular meeting dates of the Board.

On motion of Dr. Smith, seconded by Mr. Harlan, it was voted to establish the third Thursday of each month as the regular meeting date for this Board with the next meeting scheduled for Thursday, January 16th.

The meeting adjourned at 3:15 p.m.


President


Secretary

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