

MINUTES OF THE MEETING  
of the  
Finance Committee  
September 22, 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. Scudder, Stevens and Clark and Earl Cress recommend the following investment items:

LaVerne Noyes Scholarship Fund

<u>Amount</u>	<u>Security</u>		<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend selling:						
33 shs.	American Can	\$2.00	44	\$1,452	\$ 66	4.5%
8 shs.	Square D	\$1.00+	41	328	8+	2.4%
				<u>\$1,780</u>	<u>\$ 74+</u>	<u>4.2%</u>
Recommend Purchasing:						
30 shs.	May Department Stores	\$2.20	55	\$1,650	\$ 66	4.0%

Pension & Retirement Fund

Recommend selling:						
1,000 shs.	Panhandle Eastern Pipe Line	\$1.80	43	\$43,000	\$1,800	4.2%
Recommend purchasing:						
up to						
1,000 shs.	Bendix Corporation	\$2.40	66	\$66,000	\$2,400	3.6%

Skinner Fund

Recommend purchasing						
\$5,000	U.S. Treasury 5s8-15-64 (Holding \$10,000)		104	\$5,200	\$ 250	3.66%

Recommend that the Board authorize the exchange of 75 shares Manufacturers Trust Company (New York) for Manufacturers Hanover Trust Company on the basis of one and one-third share of the new stock for each of the 75 shares now held.

Consolidated Investment Fund

Recommend purchasing:						
40 shs.	Consumers Power (Holding 160 shares)	\$2.60	73	\$2,920	\$ 104	3.6%

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

2. At the Trustees' meeting on July 14, 1960, the Board authorized the development of plans for an intramural building project for Michigan State University-Oakland to cost not to exceed \$1,600,000 to be financed on a self-liquidating basis through segregation of a portion of the student fee. The plans have been developed and submitted to contractors for bids which will be received about September 26. It is now necessary to finalize plans for financing this structure. Mr. Varner and Mr. May discussed the arrangements.

Intramural  
Building  
project at  
MSU-O -  
bids to be  
taken

On motion by Mr. Harlan, seconded by Mr. Huff, it was voted to approve proceeding with the construction of this building if the total costs, including architect's fees, necessary site, furnishings, etc. do not exceed \$1,600,000.

If, when the bids are taken, this budget can be met, it is understood that Mr. May will telephone each Board member and upon the approval of a majority, he will be empowered to authorize the beginning of construction. The officers of the University are directed to work out, in cooperation with Mr. Cress, the required financing covering this project and the addition to the Student Service Building in the sum of approximately \$700,000.

3. Vice President May presented the recommendations of Mr. Earl Cress that the Board accept a commitment of an additional three million three hundred thousand dollars from the National Bank of Detroit at an annual interest rate of 3.8% to be repaid over a period of thirteen years.

\$3,300,000  
from Nat. Bk  
of Detroit

Two million dollars of this money will be used to complete the financing of the Wilson Dormitory; one million dollars will be used to complete the financing of the Case Dormitory and three hundred thousand dollars will be used, if necessary, to retire the balance of the 1948 four million dollar loan and thereby free security for the new seven and a half million dollar loan.

On motion by Mr. Huff, seconded by Mr. Vanderploeg, it was voted to approve the above recommendations.

Investment  
recommendations approved

## Finance Committee Items, continued:

Mr. Calder to be architect for third unit new dorm complex.

Radio and TV stations to give coverage to Con Con

Resolution re: plans for Mr. and Mrs. Abrams to provide \$250,000 toward cost of Planetarium

Resolution re: temporary construction loan of \$3,000,000 Nat. Bank Det to pay for Case Dormitory

4. Discussion of the desirability of immediately authorizing planning for the third unit of the new dormitory complex to be undertaken so as to be available for use in the fall of 1963.

After discussion, on motion by Mr. Stevens, seconded by Mr. Merriman, it was voted to authorize the immediate planning of this additional dormitory and the employment of Mr. Ralph Calder as architect for it.

5. The University television and radio stations wish to give complete coverage to the Constitutional Convention and have been urged to do so by Mr. James Hare and Mr. Howard Stoddard, the Chairman of the committee making preparations for the Convention. To provide the complete coverage, our people will require an appropriation of \$3,760.

The Board unanimously agreed that it was desirable to provide the proposed coverage and suggested that an effort be made to obtain Foundation funds to provide for the additional financing; but in the event such financing is not available the stations are authorized to proceed on this program.

6. The President discussed the willingness of Mr. and Mrs. Talbert Abrams to provide under certain conditions \$250,000 toward the cost of the Planetarium.

After discussion, the following resolution was moved by Mr. Merriman and seconded by Mr. Huff:

Whereas, the establishment of a Planetarium on this campus has been considered valuable and desirable, and

Whereas, it appears that revenues for such a project are available from the operation of the facility on a self-liquidating basis without the pledge of additional revenues, and

Whereas, Talbert and Leota Abrams through Aerial Explorers, Inc., a Michigan corporation, have expressed an interest in such plan including the purchase of bonds in a sum sufficient to defray the principal cost of the project,

Now therefore Be It Resolved, that Planetarium Revenue Bonds in the sum of \$250,000 bearing interest at the rate of 4.25% for a term of 30 years be issued for purchase by Aerial Explorers, Inc.

Be it Further Resolved, that the appropriate officers of the University effect such Revenue Bond Issue, implementing instruments, escrow agreements and further documents as shall be necessary to accomplish the foregoing.

The motion carried unanimously. (This resolution was replaced by another resolution at the October 20, 1961 Board meeting - page 4557)

7. Vice President May presented the following resolution approving a temporary construction loan of three million dollars from the National Bank of Detroit at an interest rate of  $3\frac{1}{2}\%$  to pay for Case Dormitory.

WHEREAS, the Board of Trustees of Michigan State University of Agriculture and Applied Science, in the exercise of its constitutional duties, has determined that it is necessary and expedient to construct, on lands owned by it in East Lansing, Michigan, two six-story residence halls with connecting three-story unit and appurtenant facilities to provide housing and dining facilities for approximately one thousand eighty (1080) students attending Michigan State University of Agriculture and Applied Science; and

WHEREAS, it is anticipated that the development costs of the project, which will include costs of construction, work at the project site, costs of necessary architectural and engineering services, costs of providing necessary fixed equipment, legal, administrative and clerical costs, necessary travel expenses, government audits, inspection costs, interest during construction, and other necessary miscellaneous expenses incidental thereto, as well as costs incidental to furnishing and providing necessary movable equipment of the project, will approximate Four Million Five Hundred Fifty Thousand Dollars (\$4,550,000.00); and

WHEREAS, the letting of contracts incidental to the construction of said residence halls project was specifically approved, in accordance with Section 10 of Act No. 133 of the Public Acts of Michigan of 1959, by Senate Concurrent Resolution No. 24 (1960 Session), adopted by the Senate of the Michigan State Legislature on April 7, 1960, and by the House of Representatives on May 12, 1960; and

WHEREAS, this Board deems it necessary and expedient to borrow the sum of Three Million Dollars (\$3,000,000.00), to be used to pay costs incidental to the construction of the buildings above referred to; and

WHEREAS, National Bank of Detroit, a national banking association, of Detroit, Michigan, has agreed to loan this Board the sum of Three Million Dollars (\$3,000,000.00) for a period of one year from the execution of the note evidencing such loan. The principal indebtedness from time to time owing on said note shall bear interest at the rate of three and one-half per cent ( $3\frac{1}{2}\%$ ) per annum. The principal and accrued interest shall be paid in full on or before the due date set forth in the note, and the loan shall be subject to certain other terms and conditions set forth in the proposed form of promissory note this day submitted to this Board for approval.

continued --

Finance Committee Items, continued:

7. Resolution re: temporary construction loan for Case Dormitory, continued:

NOW, THEREFORE, BE IT RESOLVED that this Board borrow from National Bank of Detroit, Detroit, Michigan, the sum of Three Million Dollars (\$3,000,000.00), on a temporary basis and under terms satisfactory to the bank, to provide funds to be used together with other available funds to pay costs of the construction of the buildings above referred to.

Construction loan \$3,000,000 Nat. Bank Detroit for Case Dorm.

BE IT FURTHER RESOLVED that the principal indebtedness owing under the terms of the note and the interest which shall accrue and become payable thereon shall be paid solely from the following sources, to-wit:

(a) From funds received from the sale of bonds specifically described in and to be issued pursuant to the terms of a certain Loan Agreement dated as of August 1, 1961, between the Board of Trustees of Michigan State University of Agriculture and Applied Science and the United States of America, wherein the United States of America agrees to purchase Michigan State University of Agriculture and Applied Science Dormitory Revenue Bond, Series 1961, of the face value of Three Million Dollars (\$3,000,000.00); said project being referred to in said Loan Agreement as "Project No. CH-Mich.-55(D)";

(b) Net Income derived from the operation of the project, when placed in operation.

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, Philip J. May, Vice President, and Jack Breslin, Secretary, be and they are hereby authorized and empowered to sign the note evidencing the loan from National Bank of Detroit and to execute any and all instruments and perform all acts and deeds necessary to secure the loan from the bank, to pledge the proceeds from the loan from the United States of America, through the Housing and Home Finance Agency, and the net income to be derived from the operation of said project for the payment of said loan.

BE IT FURTHER RESOLVED that a copy of said note, so submitted to this Board, be made a part of the records of this meeting and be incorporated herein by reference.

On motion by Mr. Huff, seconded by Dr. Smith, it was voted to approve the above resolution. This loan will be repaid from the proceeds of bonds which will be sold to the Housing and Home Finance Agency under Loan Agreement H(402)-558.

8. Vice President May also presented the following resolution covering a loan agreement with the Federal Housing and Home Finance Agency:

Resolution covering loan agreement with Federal Housing and Home Finance Agency

EXTRACTS FROM THE MINUTES OF A REGULAR MEETING OF THE BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE HELD ON THE 22 DAY OF SEPTEMBER, 1961.

The Board of Trustees met in regular meeting at Michigan State University in the City of East Lansing at 10 o'clock a.m. on the 22nd day of September, 1961, the place, hour and date duly established for the holding of such meeting.

The President called the meeting to order and on roll call the following answered present:

- Dr. Connor D. Smith, Chairman
- C. Allen Harlan
- Warren M. Huff
- Lynn M. Bartlett, Ex officio
- Frank Merriman
- Don Stevens
- Jan B. Vanderploeg

and the following were absent:

None

The President declared a quorum present.

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A Resolution entitled "Resolution Approving and Providing for the Execution of a Loan Agreement, and numbered Contract No. H-(402)-558 By and Between the Board of Trustees of Michigan State University of Agriculture and Applied Science and the United States of America was introduced by President Hannah.

Said Resolution and the proposed Loan Agreement described therein were then read in full and discussed and considered.

Mr. Huff then moved the adoption of the Resolution as introduced and read. Dr. Smith seconded the motion, and, on roll call, the following voted "Aye":

- Dr. Smith
- Mr. Harlan
- Mr. Huff
- Dr. Bartlett, the ex officio member, does not vote
- Mr. Merriman
- Mr. Stevens
- Mr. Vanderploeg

and the following voted "Nay"

None

Finance Committee Items, continued:

8. Resolution covering loan agreement with Federal Housing and Home Finance Agency, continued:

The President thereupon declared the motion carried and the Resolution adopted as introduced and read.

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RESOLUTION APPROVING AND PROVIDING FOR THE EXECUTION OF A LOAN AGREEMENT, AND NUMBERED CONTRACT NO. H-(402)-558, BY AND BETWEEN THE BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE AND THE UNITED STATES OF AMERICA

BE IT RESOLVED by the Board of Trustees, as follows:

SECTION 1. The pending Loan Agreement and numbered Contract No. H-(402)-558 and relating to the erection on the campus of Michigan State University of Agriculture and Applied Science, an educational institution of higher learning located in East Lansing, of housing and dining facilities consisting of two six-story buildings with connecting three-story unit and appurtenant facilities for approximately 1,080 students

by and between the Board of Trustees of Michigan State University of Agriculture and Applied Science and the United States of America, is hereby in all respects approved.

SECTION 2. The Treasurer, Philip J. May, is hereby authorized and directed to execute the said Loan Agreement in three counterparts on behalf of the Board of Trustees and the Secretary is hereby authorized and directed to impress and attest the official seal of the Board of Trustees on each such counterpart and to forward three such counterparts to the Housing and Home Finance Agency, together with such other documents relative to the approval and execution of such counterparts and to this Resolution as may be required by the Government.

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

9. Supplemental appropriation of \$600 for Radio Broadcasting account 11-1893 to paint the old WKAR radio tower to comply with regulations of the Federal Communications Commission.

On motion by Mr. Vanderploeg, seconded by Mr. Huff, it was voted to approve the above item.

Adjourned.

MINUTES OF THE MEETING  
of the  
BOARD OF TRUSTEES  
September 22, 1961

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

Absent: No one

The minutes of the previous meeting were approved.

SPECIAL MISCELLANEOUS

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

On motion by Dr. Smith, seconded by Mr. Vanderploeg, it was voted to approve the Finance Committee Items on the previous pages.

2. Mr. Huff moved to commend the administration for the manner in which they conducted themselves at the recent Senate investigation of the Labor and Industrial Relations Center as conducted by Senator Francis and particularly endorsing the statement of the President. He proposed that the Board assure the faculty of its full support for the following quotation from the President's statement:

"It is the position of the University that inquiry into actions of individual members of the faculty in their roles as teachers, lecturers, and researchers would not be admissible because such inquiry would represent an invasion of academic freedom to teach, inquire, speak, and write in their areas of professional competence without being held to account by any other than the faculty member's academic peers. This freedom from harassment is a hard-won right, not to be surrendered lightly, and no University worthy of the name has any choice but to defend it."

Dr. Smith seconded the motion, and the motion carried unanimously.

3. Messrs. Wilder and Brown, from the firm of Ernst and Ernst, Auditors, appeared before the Board to present and explain the audit for the fiscal year ended June 30, 1961.

On motion by Dr. Smith, seconded by Mr. Vanderploeg, it was voted to accept the audit and to approve payment for same.

Resolution covering loan agreement with Federal Home and Housing Agency

Add. approp. \$600 approved for Radio Broadcasting

Administration commended for manner in which they conducted themselves at Senate Investigation Labor & Industrial Rel. Ctr.

Approval audit for year ended June 30'61

PRESIDENT'S REPORTResignations and Terminations

1. Carolyn R. Schrock, Home Economics Agent, Oakland County, August 12, 1961 to accept a position at the University of Kentucky. Resignations
2. Benjamin C. Porter, 4-H Agent, Manistee County, August 31, 1961 to accept a position with the Consumers Power Company in Cadillac.
3. Robert L. Salsbury, Assistant Professor (Res.) of Biochemistry, August 31, 1961 to accept a position at the University of Delaware.
4. Donald R. Isleib, Associate Professor of Farm Crops, September 14, 1961 to accept a position with the Frito Company in Dallas, Texas.
5. Hugh S. Johnson, Field Poultryman (Extension) Poultry Science, June 30, 1961, to become a full-time student.
6. Joseph D. Nicol, Associate Professor of Police Administration, August 31, 1961 to accept a position with the criminalistics bureau for the State of Illinois.
7. Doarde G. Triponi, Instructor in Metallurgical Engineering, August 31, 1961 to become Chief Metallurgist for Eaton Manufacturing Company in Marion, Ohio.
8. Margaret E. Werner, Instructor in Textiles, Clothing and Related Arts, August 31, 1961 to be married.
9. Cancellation of the appointment of Carol J. Didelius, Instructor in Nursing, September 1, 1961.
10. Charles H. Kraft, Associate Professor of Statistics, August 31, 1961.
11. John R. Kirk, Assistant Professor of American Thought and Language, August 31, 1961 to take a position at Delta College.
12. Arthur M. Coon, Assistant Professor of American Thought and Language, August 31, 1960. End of tenure.
13. Donald A. Willigan, Associate Professor of Veterinary Pathology, August 31, 1961 to accept a research position with the DuPont Company.
14. Charles Seim, Jr. Librarian in the Library, August 22, 1961. His temporary assignment was completed.

Leaves--Sabbatical

1. Paul Bakan, Associate Professor of Psychology with half pay from September 1, 1961 to August 31, 1962 for study, travel and research in England and Europe. He is to receive half pay from the University and half pay from an NSF grant, account 71-2157. Leaves

Leaves--Other

1. Betty V. Bernard, Home Economics Agent, Monroe without pay from August 27, 1961 to August 26, 1962 for study in Washington.
2. Robert W. McIntosh, Professor of Hotel, Restaurant and Institutional Management without pay from October 1, 1961 to November 15, 1961 to do consulting work at the University of Hawaii.
3. Arthur E. Adams, Professor of History, without pay from September 1, 1961 to August 31, 1962 to work with Radio Free Europe in Munich.
4. Paul M. Shields, Instructor in the Vietnam Project, without pay, from August 1, 1961 to August 31, 1961 to return to Police Administration.

Appointments

1. Linda Ann Vescelius, Home Economics Agent, Oceana County, at a salary of \$5200 per year on a 12-month basis effective August 15, 1961. Appointments
2. George D. Irwin, Assistant Professor (Res.) of Agricultural Economics at a salary of \$8000 per year on a 12-month basis effective August 15, 1961 to August 14, 1963.
3. Alan Ross Bird, Assistant Professor (Res.) of Agricultural Economics at a salary of \$8500 per year on a 12-month basis effective October 1, 1961 to September 30, 1962.
4. Philip James Mielock, Instructor in Agricultural Engineering at a salary of \$7000 per year on a 12-month basis effective August 1, 1961 to June 30, 1962.
5. Louis J. Berman, Lecturer in Journalism and Editorial Consultant for the State News at a salary of \$12,000 per year on a 12-month basis effective September 1, 1961 to August 31, 1962.
6. Martha Ericson Dale, Assistant Professor of Home Management and Child Development at a salary of \$5000 per year on a 10-month basis effective September 15, 1961 to September 14, 1962.



PRESIDENT'S REPORT, continued

## Appointments, continued:

7. James B. Dalley, Instructor in Surgery and Medicine, at a salary of \$7700 per year on a 12-month basis effective July 1, 1961 to June 30, 1962.
8. Temporary appointment of Loren B. Almy, Civil Engineering Adviser, India Project, at a salary of \$16,800 per year on a 12-month basis effective July 23, 1961.
9. Austin McLean, Librarian, at a salary of \$5600 per year on a 12-month basis effective July 1, 1961.
10. Arthur Getis, Assistant Professor of Geography, at a salary of \$500 for the summer school period July 27, 1961 to September 1, 1961.
11. Robert S. Vogel, Instructor in Geography, at a salary of \$475 for the summer school period July 27, 1961 to September 1, 1961.

Salary Changes

1. Increase in salary for John Roetman, Assistant Manager of Married Housing, to \$7200 per year effective July 1, 1961.
2. Increase in salary for Bert F. Hoselitz, Visiting Professor of Economics, to \$2500 for the period June 19, 1961 to July 26, 1961.

Miscellaneous

1. Termination of the assignment of Harry G. Brainard as Acting Head of the Economics Department, effective July 31, 1961.
2. Assignment of Dean T. K. Cowden to the Nigeria Project as a Short Term Adviser, effective from July 17 to August 10, 1961.
3. Reinstatement of Lloyd D. Musolf, as Professor of Political Science at a salary of \$11,000 per year on a 10-month basis, effective July 8, 1961. Dr. Musolf has been assigned to the Vietnam Project since June 16, 1959.
4. Correction in the budget to include Albert E. Levak at a salary of \$11,000 per year, effective from July 1 to August 31, 1961, paid from the Pakistan Project account 71-2034. Effective September 1, 1961, Dr. Levak will revert to the Social Science Department at a salary of \$8,800 per year on a 10-month basis.
5. Establishment of the following positions in Case Hall:
- Head Resident Adviser, \$4,065 for 10 months
  - 2 Graduate Resident Advisers, \$965 for 10 months
6. Approval of the Summer School salary payroll for the second session in the total amount of \$189,202.44.
7. Approval of awarding the contract for the removal of the main dairy barn, the small dairy barn, and the experimental barn on Shaw Lane to the Capitol Lumber & Wrecking Company of Grand Rapids, the low bidder, at a cost of \$9,997. The following bids were received:

Capitol Lumber & Wrecking Co.	\$ 9,997
Angel Construction Co.	18,500
Brown Brothers	19,850

8. Approval of awarding the contract for bituminous surfacing at the Kellogg Bird Sanctuary to the Reith Riley Construction Company, Inc., at a cost of \$32,815. The following bids were received:

Reith Riley Construction Co., Inc.	\$ 32,815.00
Globe Construction Co.	33,132.20
Michigan Colprovia Co.	48,130.00

9. Approval of awarding the contract for the installation of electric and telephone service for Wilson Hall to Hatzel & Buehler, Inc., the low bidder, for \$64,100. The following bids were received:

Hatzel & Buehler, Inc.	\$ 64,100
Barker-Fowler Electric Co.	64,460
Hall Electric Company	66,989
Central Electric Motor & Construction	69,500

10. Approval of awarding the contract for seal coat repair work on campus roads to the Bekman Company, the low bidder, for \$13,210. The following bids were received:

Bekman Company	\$ 13,210
Ward Van Nuck, Inc.	18,925
Spartan Asphalt Paving Co.	19,750

Appointments

Salary changes

Term. Act. Hd.  
Harry BrainardF.K. Cowden  
Assigned to  
Nigeria Proj.  
short term adv.  
Reinstatement  
L. D. MusolfCorrection in  
budget for  
Albert Levak's  
salaryNew positions  
established in  
Case HallContracts let  
for removal  
dairy barnsContract let  
for bituminous  
surfacing  
Bird SanctuaryContract let  
for elec. &  
telephone  
service Wilson  
HallContract let  
seal coat  
repair work  
campus roads

PRESIDENT'S REPORT, continuedGifts and  
Grants

1. Grants to be used for scholarship purposes:
  - a. \$200 from the Wayne County Home Economics Executive Board of Plymouth, to be deposited in the Emma DuBord Scholarship fund, account 31-3372.
  - b. \$1,636.53 from various donors to be credited to the Roy Underwood Music Scholarship fund, the interest from the fund to be used for a scholarship in the field of music.
  - c. \$532 from various donors to be credited to the Ernst V. Wolff Memorial Fund, the interest from the fund to be used in the field of music either as a scholarship for a student each or for some other comparable purpose.
  - d. \$25 from G. A. Sabine for deposit in the Michigan State University Faculty Scholarship Fund, account 31-3223.
2. Renewal of a memorandum of agreement with the Michigan Milk Producers Association of Detroit covering a grant of \$5,000 to be used under the direction of Glynn McBride in Agricultural Economics to define the trend in numbers and sizes of producers of fluid milk and to project these into the future; to evaluate the effects of the changing structure of dairy farming upon fluid milk prices, procurement, transportation, market organizations and institutions, and any other aspects of marketing.
3. Grant of \$15,000 from the Economic Research Service of the United States Department of Agriculture to be used under the direction of G. L. Johnson and R. A. Young in Agricultural Economics for a study of the Eastern sugar beet industry.
4. Grant of \$200 from John H. Breck, Inc., of Springfield, Massachusetts, to be used under the direction of J. W. Goff in Forest Products for operational use in the School of Packaging.
5. Grant of \$2,500 from the General Telephone and Electronics Foundation of New York City to be used in the College of Engineering for a graduate fellowship for a student in electrical engineering.
6. Grant of \$1,000 from the Readers Digest Foundation of Pleasantville, New York, to be used under the direction of M. M. Miller in Geology for the summer field institute of glaciology, Juneau Icefield research program.
7. Grant of \$2,300 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of W. L. Frantz in Physiology and Pharmacology for investigation of calcium and magnesium ions in mouse liver tumors.
8. Grants as follows for participation in the Cooperative Counselors Training Program:
  - \$100 from The Greenfield-Mills Restaurant Company of Birmingham
  - \$200 from Great Lakes Steel Corporation of Detroit
  - \$600 from The Detroit Edison Company of Detroit
  - \$200 from The Budd Company of Detroit
  - \$200 from the Michigan Bell Telephone Company of Detroit
9. Grant of \$350 from the Faculty Folk Club of East Lansing to provide scholarships for four deserving and needy women students selected by a committee of the Club and the Women's Division of the Dean of Students' Office.
10. Grant of \$1,500 from The Statler Foundation of New York City for renewal of a scholarship.
11. Grant of \$100 from the U.A.W. International Headquarters of Detroit to provide funds for one person on the Cooperative Counselor's Training Program.

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

NEW BUSINESSResignations and Terminations

Resignations

1. James I. Sprague, Jr. Agricultural Agent, Lenawee County, September 15, 1961 to accept a position at Colorado State University.
2. Robert E. Braden, Agricultural Agent Huron County, effective June 30, 1961 to accept a position with Michigan Farm Bureau Services.
3. Harry L. Densmore, Extension Director Isabella County, September 30, 1961 to accept a position with a commercial firm.
4. Betty Lou King, 4-H Agent, Monroe County, September 20, 1961 to be married.
5. Mary L. Walquist, 4-H Agent, Macomb County, August 15, 1961 to be married.
6. James W. Lone, 4-H Agent, Muskegon County, August 31, 1961 to accept a position with H. J. Heinz Company in Pennsylvania.
7. Carroll G. Brunthaver, Assistant Professor (Res.) of Agricultural Economics August 31, 1961 to accept a research position with Grain and Feed Dealers National Association.

NEW BUSINESS, continuedResignations and Terminations, continued

- 1 AP Resignations
8. George F. Runge, Jr., Assistant Instructor (Res.) of Soils Science, August 31, 1961 to accept a position with Halco Chemical Company, Connecticut.
  9. Darrell Jones, Instructor in Business Services, August 31, 1961, to accept a position with Reading Dynamics.
  10. Kenneth O. Alexander, Assistant Professor of Economics, August 31, 1961 to accept a position as Associate Professor at Michigan College of Mining and Technology.
  11. Frank B. Cliffe, Assistant Professor of Political Science, August 31, 1960. End of tenure.
  12. Oliver P. Williams, Assistant Professor of Political Science, August 31, 1960. End of tenure.
  13. Wesley I. Schmidt, Assistant Professor of Hotel, Restaurant and Institutional Management, September 15, 1961, to accept a position as graduate professor at Northern Illinois University.
  14. Lauren E. Crane, Assistant Professor in the Office of the Dean of Communication Arts and in the Communications Research Center, August 31, 1961 to accept a position at Notre Dame University.
  15. Mary L. Burditt, Specialist in Education, September 6, 1961 to enter another field of work.
  16. Henry J. Montoye, Professor of Health, Physical Education and Recreation for Men August 31, 1961 to accept a similar position at the University of Michigan.
  17. Samuel M. Futral, Jr., Assistant Professor of Mechanical Engineering, August 31, 1961 because of illness in his family.
  18. Evelyn M. Jones, Associate Professor of Foods and Nutrition, September 30, 1961 to accept a professorship at the University of California.
  19. Samuel Rosen, Assistant Professor of Zoology and Natural Science, August 31, 1961 to accept a position at Ohio State University.
  20. Cancellation of appointment of Paul E. Barrette, Instructor in Foreign Languages, September 1, 1961.
  21. C. Gratton Kemp, Instructor in American Thought and Language, August 31, 1961. End of tenure.
  22. Frank Rice, Instructor in American Thought and Language, August 31, 1961.
  23. Charles E. Whiteman, Associate Professor of Veterinary Pathology, September 26, 1961. Change of climate necessary because of Mrs. Whiteman's health.
  24. Orrin E. Taulbee, Associate Professor of Mathematics at MSU-O August 31, 1961 for personal reasons.
  25. Juliane M. Heyman, Consultant, Pakistan Project, September 25, 1961. Assignment completed.

Leaves--Sabbatical

- Leaves
1. Reuben Kaarre, Extension Director, Kalkaska County, with full pay from September 18, 1961 to March 17, 1962 to complete work on his Masters degree at MSU.
  2. John A. Walker, Associate Professor of Speech, with full pay from January 2, 1962 to March 19, 1962 for study and travel in Mexico.
  3. Karl L. Schulze, Associate Professor of Civil Engineering and Engineering Research, with full pay from April 1, 1962 to September 30, 1962 for study and travel in Germany and England.
  4. Abram M. Barch, Associate Professor of Psychology and Continuing Education, with full pay from January 1, 1962 to June 30, 1962 to complete a book.

Leaves--Health

1. Homer N. Patterson, Extension Director, Allegan County with full pay from September 1, 1961 to September 30, 1961.

Leaves--Military

1. Stanley P. Wronski, Professor of Education and Division of Social Science without pay from October 1, 1961 to June 30, 1962.

Leaves--Other

1. Elizabeth L. Horrocks, Home Economics Agent, Presque Isle, without pay from October 1, 1961 to January 31, 1962. (Maternity leave).
2. Anna B. Brown, Home Economics Agent, Washtenaw County, without pay from September 1, 1961 to February 28, 1962 to complete her degree at the University of Wisconsin.
3. Gladys E. Knight, Associate Professor of Hotel, Restaurant and Institutional Management without pay from October 1, 1961 to March 31, 1962 to work with the ICA in Israel.



NEW BUSINESS, continuedLeaves--Other, continued

4. W. W. Armistead, Dean of Veterinary Medicine, without pay from October 2, 1961 to October 22, 1961 to inspect Air Force bases overseas. Leaves
5. Clinton A. Snyder, Instructor in Social Science, without pay from October 1, 1961 to August 31, 1962 to work with Airborn TV.
6. Stanley Andrews, Professor and Consultant International Programs, without pay from September 1, 1961 for an indefinite period.
7. Chester J. Ordon, Civil Engineering Adviser, India Project, without pay from September 15, 1961 to October 3, 1961 for a vacation.

Appointments

## Appointments

1. Norman Henry Bless, Agricultural Agent, Lenawee County, at a salary of \$7400 per year on a 12-month basis effective October 1, 1961.
2. James Martin Hutchinson, 4-H Agent, Monroe County at a salary of \$6000 per year on a 12-month basis effective September 1, 1961.
3. Ida Marlene Peterson, 4-H Agent, Macomb County at a salary of \$5200 per year on a 12-month basis effective September 1, 1961.
4. Edgar LeRoy Strong, 4-H Agent, Ionia County, at a salary of \$6300 per year on a 12-month basis effective October 1, 1961.
5. Leonard D. Brown, Assistant Professor of Dairy at a salary of \$9000 per year on a 12-month basis effective September 1, 1961.
6. John H. Trimm, Instructor in the Office of the Dean of Business and Public Service and the Office of University Professor, at a salary of \$5000 per year on a 12-month basis effective September 1, 1961 to August 31, 1962.
7. Janice R. Christensen, Instructor in Business Services at a salary of \$5600 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
8. Thomas R. Saving, Assistant Professor of Economics at a salary of \$8000 per year on a 10-month basis effective September 1, 1961.
9. Stanley Stark, Associate Professor of Personnel and Production Administration at a salary of \$10,000 per year on a 10-month basis effective January 1, 1962.
10. Rachel F. Smith, Assistant Professor of Social Work at a salary of \$8500 per year on a 12-month basis effective September 1, 1961 to August 31, 1962.
11. George S. Counts, Distinguished Professor of Education at a salary of \$9000 for the period September 25, 1961 to March 19, 1962.
12. Henry L. Gottwald, Assistant Professor of Education at a salary of \$9000 per year on a 12-month basis effective September 1, 1961.
13. Carl Knoll, Instructor in Education, at a salary of \$7200 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
14. Jean R. Page, Instructor in Education at a salary of \$7000 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
15. David Allen Payne, Instructor in Education at a salary of \$7500 for the period September 15, 1961 to June 15, 1962.
16. Benjamin F. Thompson, Instructor in Education at a salary of \$7500 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
17. James T. Scroggin, Instructor in Mechanical Engineering at a salary of \$6400 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
18. Theodore F. Irmiter, Associate Professor of Foods and Nutrition at a salary of \$11,000 per year on a 12-month basis effective September 18, 1961.
19. Demetra Mehas, Assistant Professor of Textiles, Clothing and Related Arts at a salary of \$8300 per year on a 10-month basis effective September 1, 1961.
20. Leroy G. Augenstine, Professor and Director of Biophysics in the Division of Biological Sciences, at a salary of \$12,800 on a 10-month basis effective July 1, 1962.
21. Shigeo Imamura, Assistant Professor of English at a salary of \$8000 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
22. Edward T. Erasmus, Assistant Professor of English at a salary of \$8000 per year on a 10-month basis effective September 1, 1961.

NEW BUSINESS, continuedAppointments, continued

Appointments

23. Tomás Ramos-orea, Instructor in Foreign Languages, at a salary of \$6800 for the period September 16, 1961 to June 15, 1962.
24. Ruth J. Kilchenmann, Associate Professor of Foreign Languages at a salary of \$8600 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
25. John F. Helling, Assistant Professor of Chemistry at a salary of \$6500 per year on a 12-month basis effective September 1, 1961 to August 31, 1962.
26. Martin Reiser, Assistant Professor (Res.) of Physics and Astronomy at a salary of \$7080 for the period November 1, 1961 to August 31, 1962.
27. Klaus H. Daniel, Assistant Professor of Statistics at a salary of \$7000 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
28. Jane A. Nelson, Instructor in American Thought and Language at a salary of \$5600 per year on a 10-month basis effective September 1, 1961
29. Harold E. Bowman, Consultant in Medical Technology without pay from September 15, 1961 to June 30, 1962.
30. Frank Russell Ellis, Consultant in Medical Technology without pay from September 15, 1961 to June 30, 1962.
31. Daniel F. Glaser, Consultant in Medical Technology without pay from September 15, 1961 to June 30, 1962.
32. Sylvester Emanuel Gould, Consultant in Medical Technology without pay from September 15, 1961 to June 30, 1962.
33. Rosser L. Mainwaring, Consultant in Medical Technology without pay from September 15, 1961 to June 30, 1962.
34. Hans J. Rothenbacher, Instructor in Veterinary Pathology at a salary of \$700 per month from August 21, 1961 to June 30, 1962.
35. Douglas D. Stewart, Assistant Professor of Air Science without pay from September 1, 1961 to June 30, 1962.
36. George S. Akers, Assistant Professor of Air Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
37. Thomas J. Barrett, Professor of Air Science at a salary of \$700 for the period September 1, 1961 to June 30, 1962.
38. John M. Engebretsen, Assistant Professor of Air Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
39. Donald W. Hollway, Assistant Professor of Air Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
40. Harry U. Perry, Assistant Professor of Air Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
41. Robert E. Swett, Assistant Professor of Air Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
42. Morris F. Tague, Assistant Professor of Air Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
43. Ned R. Ash, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
44. Robert L. Chamberlain, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
45. Robert V. Dexter, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
46. John D. Edgerton, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
47. Dean C. Fellows, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
48. Thomas E. Fitzpatrick, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
49. William P. Henson, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.

NEW BUSINESS, continuedAppointments, continued

## Appointments

50. Thomas M. LaPatka, Associate Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
51. Francis L. Lion, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
52. Robert W. Moody, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
53. John W. Price, Associate Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
54. Hugh R. Primm, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
55. James F. Skells, Professor of Military Science at a salary of \$500 for the period September 1, 1961 to June 30, 1962.
56. Evan T. Tabbert, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
57. Robert E. Visscher, Assistant Professor of Military Science at a salary of \$200 for the period September 1, 1961 to June 30, 1962.
58. Mrs. Claude J. Astrachan, Instructor in Humanities at MSU-0 at a salary of \$5000 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
59. Carmen M. Urla, Instructor in Foreign Languages at MSU-0 at a salary of \$5000 per year on a 10-month basis effective September 1, 1961 to August 31, 1962.
60. Temporary appointment of Dole A. Anderson, Adviser Brazil Project 2, at a salary of \$15,500 per year on a 12-month basis effective August 18, 1961.
61. Chester J. Ordon, Civil Engineering Adviser, India Project at a salary of \$15,600 on a 12-month basis effective September 14, 1961 to July 10, 1963.
62. Louise Nelson, Secretary Peace Corps Group, at a salary of \$5000 per year on a 12-month basis effective September 5, 1961 to September 19, 1963.
63. Richard Westmaas, Assistant Director of the Peace Corps Group, at a salary of \$825 per month from September 15, 1961 to February 15, 1962.
64. James E. Haines, Physical Education Adviser, Nigeria Project, at a salary of \$11,500 on a 12-month basis effective September 25, 1961 to September 24, 1963.
65. Francis C. Byrnes, Training Coordinator, Peace Corps Program, at a salary of \$13,000 per year on a 12-month basis effective August 16, 1961 to November 14, 1961.

Transfers

## Transfers -

1. Albert A. Griffith from Extension Director Northwest District to Midland at the same salary of \$10,800 per year effective September 1, 1961. A. A. Griffith
2. Doris E. Wetters, from Consumers Marketing Agent, Ingham County to District Extension Agent. Consumers Marketing Information, at the same salary of \$7400 per year on a 12-month basis effective October 1, 1961. D. E. Wetters
3. Fred E. Bernhardt, from 4-H Agent Delta County to 4-H Agent Hillsdale County at an increase in salary to \$8000 per year on a 12-month basis effective September 1, 1961. F.E. Bernhardt
4. Norleen M. Ackerman, from Home Economics Agent in Clare County to 4-H Agent Gratiot County at the same salary of \$5100 per year on a 12-month basis effective September 1, 1961. N.M. Ackerman
5. Hinrich R. Martens, from Instructor in Mechanical Engineering to Instructor in Mechanical Engineering and Electrical Engineering at the same salary of \$7100 per year on a 10-month basis effective September 1, 1961. H.R. Martens
6. Christiane L. Kerner, from Assistant Editor in the Bureau of Business and Economic Research to Assistant Professor of Art at a salary of \$6200 per year on a 10-month basis effective September 1, 1961. This is a temporary appointment. C.L. Kerner
7. Sheldon Appleton, from Assistant Professor of Foreign Studies at MSU-0 to Assistant Professor of Political Science at MSU-0 at the same salary of \$7300 per year on a 10-month basis effective August 1, 1961. S. Appleton
8. Fred K. Hoehler, Jr. from Professor of Economics and Labor and Industrial Relations Center to Professor of Labor and Industrial Relations Center at the same salary of \$14,200 per year on a 12-month basis effective October 1, 1961. F.K. Hoehler

NEW BUSINESS, continuedSalary inc. - Salary Changes

1. Increase in salary for Lawrence L. Boger, Professor and Head of Agricultural Economics to \$19,000 per year on a 12-month basis effective October 1, 1961.
2. Increase in salary for Gerard P. Weeg, Associate Professor of Mathematics and Electrical Engineering to \$13,500 per year on a 12-month basis effective July 1, 1961.
3. Increase in salary for Edward O. Moe, Professor (Ext.Res.) of Sociology and Anthropology to \$13,600 per year on a 12-month basis effective September 1, 1961.
4. Increase in salary for Norman C. Hunt, Distinguished Visiting Professor of Humanities to \$5000 for the period September 1, 1961 to December 31, 1961.
5. Increase in salary for Donald A. Schmidt, to \$11,500 per year on a 12-month basis effective September 1, 1961.
6. Increase in salary for Harry A. Grater, Associate Professor of Education and Counseling Center, to \$9750 per year on a 12-month basis effective September 1, 1961.
7. Increase in salary for Bill L. Kell, Professor of Psychology and Counseling Center, to \$10,850 per year on a 12-month basis effective September 1, 1961.
8. Increase in salary for Ross W. Matteson, Professor in the Counseling Center to \$10,300 per year on a 12-month basis effective September 1, 1961.
9. Increase in salary for Evert L. Emery, General Service Officer, Vietnam Project, to \$8,200 per year on a 12-month basis effective August 1, 1961.
10. Increase in salary for Kenward L. Atkin, Assistant Professor of Advertising at a salary of \$9000 per year on a 10-month basis effective September 1, 1961.
11. Increase in salary for Gale E. Mikles, Associate Professor of Health, Physical Education and Recreation for Men to \$10,500 on a 12-month basis effective September 1, 1961.
12. Increase in salary for Dole A. Anderson, Adviser, Brazil Project, to \$16,000 per year on a 12-month basis effective September 1, 1961.

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

Miscellaneous

1. The following promotions are recommended to be effective September 1, 1961:
  - Kenward Louis Atkin, to Assistant Professor of Advertising
  - Gale E. Mikles, to Associate Professor of Health, Physical Education and Recreation
  - Richard S. Rudner, to Professor of Philosophy
2. Correction in the salary of Milton B. Dickerson, Professor and Head of Business Services, to \$14,800 per year, effective July 1, 1961. Professor Dickerson is presently assigned to the Brazil Project; this action corrects his resident salary.
2. Change in status of Orvis F. Collins from Assistant Professor in the Office of the Dean of Business and Public Service at a salary of \$8,600 per year on a temporary basis to Assistant Professor of Personnel and Production Administration at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1961, and subject to tenure rules. His salary is to be paid from account 11-3321 until December 31, 1961, and from account 11-3311 to June 30, 1962.
4. Designation of S. Sidney Ulmer as Acting Head of Political Science at an additional salary of \$100 per month, effective from September 1, 1961 to June 30, 1962.
5. Designation of John Marston as Assistant Dean of Communication Arts and Associate Professor of Advertising with a salary increase from \$13,000 to \$13,600 per year on a 12-month basis, effective September 1, 1961. His salary is to be paid \$13,000 from 11-4521 and \$600 from 11-4471.
6. Correction in terms of employment of Lula Alonso, Specialist in Education, to a 10-month basis, effective September 1, 1961.
7. Clarification of the title of W. Wayne Taylor, Associate Professor. His assignment is a joint one with the College of Education and with the Science and Mathematics Teaching Center.
8. Correction in the salary for John E. Ivey, Jr., Professor of Education and Consultant to the President. Dr. Ivey should be on half pay from July 1 to December 31, 1961, and revert to full time on January 1, 1962.
9. Elaine Mishler, Assistant Professor of Institution Administration and Manager of Campbell and Landon Halls, was transferred to the classified list on July 1, 1961. Since she has academic rank, it is recommended that this error be corrected and that she be transferred back to Board appointment, effective as of July 1, 1961.



## NEW BUSINESS, continued

## Miscellaneous, continued

10. Recommendation that Georges J. Joyaux, Professor of Foreign Languages, be paid an additional \$100 per month, effective from July 1 to September 30, 1961, this additional amount to be paid from account 71-2195. G. Joyaux to be paid add. \$100 per mo.
11. Change in title for Donald J. Montgomery from Professor to Professor (Research), effective from July 1, 1961, to June 30, 1962. Title-D.J.Montgomery to be Prof. (Res.) to June 30'62
12. Employment of Shao Chang Lee, Professor Emeritus, in the Religion Department at a salary of \$500 for the period from September 15 to December 15, 1961. This is in addition to his retirement salary. Shao Chang Lee appointed to Dept. Religion
13. Change in title of Serge Shiskoff from Lecturer to Instructor in Foreign Languages at Michigan State University-Oakland, effective September 1, 1961. Title S.Shiskoff to be Inst.
14. Correction in the salary of Margaret L. Pegg, Coordinator in Continuing Education, to read as follows: Correct salary Margaret L. Pegg
- \$291.65 per month from July 1 to August 31, 1961  
\$441.67 per month from September 1, 1961, to June 30, 1962
14. Additional pay of \$70.83 per month for Rowland Pierson, Professor in the Counseling Center, from October 1, 1961, to December 31, 1962. Dr. Pierson will have additional responsibilities during this period. Add. pay for R. Pierson from Oct 1'61 to Dec. 31'62
15. Assignment of Leo V. Nothstine, Professor of Civil Engineering, as Chief of Party for the India Project at a salary of \$16,000 per year on a 12-month basis, effective from August 15, 1961, for an indefinite period, paid from account 71-2022. Leo Nothstine Chief of Party India Project
16. Assignment of John U. Jeffries, Assistant Professor of Electrical Engineering, as Campus Coordinator for the India Project, effective September 1, 1961. His salary is to be paid 70% from 11-5611 and 30% from 71-2022. John U.Jeffries Campus Coord. India Proj.
17. Assignment of Jack M. Bain, Assistant Dean of Communication Arts and Associate Professor of Speech, to the Nigeria Program at a salary of \$12,500 per year on a 12-month basis, effective from September 25, 1961, to September 24, 1963, and paid from account 71-2024. Jack M. Bain Asst. Dean Comm. Arts & Assoc.Pr.Spch
18. Assignment of Daniel W. Sturt, Associate Professor and District Extension Director, to the Pakistan Project at a salary of \$13,300 per year on a 12-month basis, effective September 1, 1961, and paid from account 71-2034. D. W. Sturt assigned to Pakistan Proj.
19. Reassignment of Vergil D. Reed to the Brazil Project at the same salary of \$16,775 per year, effective from August 17 to August 29, 1961. Dr. Reed will be on no-pay status from August 30-31, and will return to the University payroll on September 1, 1961. Vergil D.Reed reassigned to Brazil Proj.
20. Reassignment of Winston R. Oberg, Associate Professor of Personnel and Production Administration, to the Brazil Project from August 6 to August 31, 1961. Winston Oberg reassigned to Brazil Proj.
21. Termination of the assignment of Jason L. Finkle, Assistant Professor of Political Science, to the Vietnam Project, effective August 31, 1961. Term. J.L.Finkl Vietnam Proj.
22. Recommendation that Winston R. Oberg be paid \$399.30 in a lump sum for 10 days accrued annual leave from account 71-2025. Oberg to be pd for 10 days accrued annual leave.
23. Recommendation that Jason L. Finkle be paid \$234.99 in a lump sum for 9 days accrued annual leave from account 71-2020.
24. Termination of military leaves, as follows: Termination mil. leaves Robert Lyon James Burrell
- Robert Lyon, Custodian I in Kellogg Center, effective August 17, 1961  
James I. Burrell, Custodian I at the Health Service, effective August 15, 1961
25. Recommendations from the Retirement Committee, as follows: Retirements - G. Hirschman B. Knittel Mabel Swan John Emery
- a. Retirement of Mrs. Grace Hirschman, Chief Telephone Operator VI, at a retirement salary of \$1,133 per year, effective October 1, 1961. Mrs. Hirschman was born on April 27, 1896, and has been employed by the University since December 6, 1943.
- b. Retirement of Bernard J. Knittel, Assistant Professor of Speech, at a retirement salary of \$1,196 per year, effective October 1, 1961. Mr. Knittel was born on March 20, 1904, and has been employed by the University since July 1, 1944.
- c. Retirement of Mabel Swan, Senior Clerk-Stenographer V in Forestry, at a retirement salary of \$1,986 per year, effective October 9, 1961. Miss Swan was born on April 15, 1904, and has been employed by the University since April 10, 1933.
- d. Disability retirement for John Emery, Clerk in the Inventory Office, at a retirement salary of \$1,233 per year, effective January 1, 1962. Mr. Emery was born on July 31, 1911, and has been employed by the University since January 16, 1946.
26. In December 1958 the Board approved retirement for Professor E. B. Harper of the Department of Social Work, effective July 1, 1962. Professor Harper has indicated that he wishes to extend his period of service for as long as possible under the new retirement policy. The date of his retirement should be changed to July 1, 1963. E.B. Harper to be continued in Social Work to July 1'63



Miscellaneous, continued:Report death  
Eula Buycks

27. Report of the death of Mrs. Eula Buycks, an employee in Brody Cafeteria, on July 15, 1961. She was born November 12, 1916; employed September 30, 1953.

Report death  
Gerald King

28. Report of the death of Gerald F. King, Associate Professor of Psychology, on September 6, 1961, of a heart attack. Dr. King was born on September 26, 1922, and has been employed by the University since September 1, 1956.

It is recommended that the widow of Dr. King continue to receive his salary for a period of one year beyond the date of his death.

Report death  
of Russel E.  
Horwood

29. Report of the death of Russel E. Horwood on September 10, 1961. Mr. Horwood was born November 3, 1901, was first employed by the University on June 1, 1927, and was Associate Professor (Extension, Research) of Dairy at the time of his retirement on April 1, 1961.

Report of  
death Howard  
D. Parish

30. Report of the death of Howard D. Parish, Midland County Extension Director, on August 14, 1961. Mr. Parish was born on July 8, 1909, and had been employed by the University since April 1, 1935.

It is recommended that the widow of Mr. Parish continue to receive his salary for a period of one year beyond the date of his death.

Approval  
several recom-  
mendations  
from Director  
of Personnel

31. Recommendations as follows from the Director of Personnel:
- a. Change a half-time Clerk-Typist to a full-time Clerk-Typist II position in Agricultural Engineering, paid 60% from 21-2984 and 40% from 71-7700.
  - b. Establishment of a Food Science Technician III position in Food Science, paid 71-2230
  - c. Establishment of a Clerk-Typist II position in Personnel and Production
  - d. Establishment of a Clerk-Typist II position in Civil Engineering
  - e. Establishment of a half-time Senior Clerk-Stenographer V position in the Graduate School, paid from 71-2205
  - f. Change a half-time Clerk-Typist to a full-time Departmental Secretary V position in Home Economics
  - g. Establishment of a Departmental Secretary V position in English, paid from 11-4091
  - h. Establishment of a Clerk-Stenographer III position in Physics and Astronomy, paid from 71-2086
  - i. At Michigan State University-Oakland:
    - 1) Establishment of a Clerk I position for Student Center
    - 2) Reclassify a Typist-Dictaphone Operator on a 10-month basis to a Departmental Secretary V position on a 12-month basis in Humanities
    - 3) Establishment of a Clerk-Typist II position in Food Services
    - 4) Establishment of a Departmental Secretary V position in Physical Sciences
    - 5) Establishment of a Principal Clerk VI position in the Business Office
    - 6) Establishment of a Senior Clerk-Stenographer V position in the Bookstore
    - 7) Establishment of 2 Library Clerk I positions in the Library
    - 8) Establishment of a Clerk-Typist II position in the Library
    - 9) Reclassification of a Library Clerk to a Senior Library Clerk IV position
    - 10) Reclassification of a Clerk-Typist to a Departmental Secretary V position for the Committee on Undergraduate Program in Mathematics
    - 11) Change an Assistant in Physical Education, AP-I, Dean of Students, position from 10-month to 12-month.
    - 12) Reclassify a Clerk-Stenographer to a Departmental Secretary V position in Dean of Students' Office
    - 13) Establish a Senior Library Clerk IV position
    - 14) Establish a Departmental Secretary V position in Social Sciences
    - 15) Establish a Resident Adviser and Assistant, Student Affairs (Women) position
  - j. For Dormitories and Food Services:
    - 1) Reclassification of a Senior Clerk to a Principal Clerk VI position in the Brody Group
    - 2) Reclassification of a Clerk-Stenographer to a Departmental Secretary V position in the Brody Group.
    - 3) Establish a Food Supervisor VIII position in Case Hall
    - 4) Reclassification of a Food Supervisor to a Senior Food Supervisor IX position in Case Hall
  - k. Establishment of a Senior Clerk IV position for the Nigeria Project
  - l. For the Data Processing Laboratory:
    - 1) Establish 2 Keypunch Operator IV positions, paid from 21-2916
    - 2) Establish a Principal Tabulating Machine Operator VIII position, paid from 21-2860

Approval  
several altera-  
tion and  
improvement  
items

32. The following alterations and improvements are recommended:

- |   |                 |
|---|-----------------|
| a. Alterations to Rooms 5, 6 and 305 Berkey Hall for the Statistics Department  | \$ 6,700        |
| b. Alterations to the ground floor of Morrill Hall for the School of Nursing. This includes changing the present men's rest room into a women's rest room with lounge | 7,300           |
|   | <u>\$14,000</u> |

The cost of these alterations may be paid from Alterations and Improvements 1961-62.

On motion by Mr. Vanderploeg, seconded by Mr. Merriman, it was voted to approve Miscellaneous Items 1 through 32.

## NEW BUSINESS, continued

## Miscellaneous, continued

33. Workmen's Compensation report for the six months ended June 30, 1961, as follows:

Amount Paid as Accident Time	\$ 5,897.14
Amount paid as Compensation	14,685.92
Health Center Charges	5,165.50
Off-Campus Medical Service	6,379.06

Workmen's  
Compensation  
Report for 6  
mos ended  
June 30'61

34. The following bids have been received for food service equipment for the Wilson Dormitory:

Great Lakes Hotel Supply Co.	\$202,368
John Van Range Co.	213,644
Albert Pick Co.	226,735

Contract let  
for food ser-  
vice equipment  
Wilson Dorm.

It is recommended that the bid of the Great Lakes Hotel Supply Company be accepted.

35. The following bids have been received for high pressure steam lines to the Engineering Building:

	<u>Base Bid</u>	<u>Alternate No. 1</u>	<u>Alternate No. 2</u>
W. A. Brown Corporation	\$120,243	\$132,612	\$127,151
Carter Corporation	125,200	134,600	131,700
Lorne Plumbing & Heating	128,000	139,000	141,500
R. L. Spitzley Heating	134,200	149,000	141,300
Shaw-Winkler, Inc	134,429	148,430	141,212
Maintenance Engineering	137,000	138,000	142,000
Dard, Incorporated	140,000	155,000	147,450
United Piping	150,000	161,220	173,750

Contract let  
for high  
pressure steam  
lines to  
Engr. Bldg.

Alternate No. 2 covers the cost of a 20-inch steam line as compared to a 16-inch steam line in the base bid. The added size would very materially increase the capacity of this steam line, and it is recommended that the Board approve a contract with the W. A. Brown Corporation for \$127,151.

On motion by Mr. Huff, seconded by Mr. Harlan, It was voted to approve Items 34 and 35.

36. The bicycle ordinance presented and discussed at the July Board meeting was approved by a mail vote of the Trustees in accordance with that discussion and became effective on September 1, 1961. It is suggested that it might be well for the Board formally to approve this ordinance in its present form at this time. (Ordinance is on file with the material for this meeting).

Approval of  
bicycle  
ordinance

37. The following bids have been received for the sale of the Clever house on South Harrison Road:

James A. Kirkeeng	\$2,357.53
Kenneth J. Mason	1,850.00
Mrs. Howard Angell	1,551.51
Arley Hunt	1,025.00
John Mehling, Jr.	660.00
Cleon G. Mingus	350.00
David Myers Refrigeration	338.00
Aven Construction Co.	255.00

Clever House  
sold to Ed  
Clever

Under the terms of the purchase of the Clever farm, Ed Clever reserved the right to match the highest bid received if the University decided to sell the house. Since receiving the bids, Mr. Clever has tendered a check in the amount of \$2,357.53 and agreed to move the house within 45 days.

It is recommended that the house be sold to Mr. Clever for \$2,357.53.

38. The following bids have been received for a boiler house at Michigan State University-Oakland:

<u>General Contract</u>	
J. A. Fredman Company	\$50,188
Leslie Construction Company	52,900
Bundy Construction Company	53,400
Schurrer Construction Company	55,070
Darin and Armstrong	56,300
<u>Mechanical Contract</u>	
Laya Plumbing and Heating	65,700
Eames and Brown, Inc.	73,820
Shaw-Winkler, Inc.	74,711
John E. Green Company	77,770
Zeni and Maguire Company	79,800
Glanz and Killian Company	81,800
Harrigan and Reid	85,729

Contract for  
boiler house  
at MSU-O  
let

continued -

NEW BUSINESS, continuedMiscellaneous, continued

38. Boiler house bids at Michigan State University-Oakland, continued:

Electrical Contract

Southeastern Electric	\$ 7,677
Long Electric Company	9,081
Gray Electric Company	9,250
The John H. Busby Company	9,280
Schultz Electric	9,900
Gates Electric	10,376
Soma Electric Company	13,877

It is recommended that the Board approve awarding the contracts to the low bidders, as follows:

General Contract	J. A. Fredman Company	\$ 50,188
Mechanical Contract	Laya Plumbing and Heating	65,700
Electrical Contract	Southeastern Electric	7,677
		<u>\$123,565</u>

On motion by Mr. Vanderploeg, seconded by Mr. Merriman, it was voted to approve Items 36, 37 and 38.

39. Attorneys for the estate of Geneva Reede Curren have advised the University of the following provision in her will:

With respect to the residue of Miss Curren's estate, after payment of expenses and taxes, etc., the Will provides:

"One-half I give, devise and bequeath to Michigan State University in memory of my dear sister, May Kate Curren, the State Board of Agriculture to use said funds in a manner which they deem to be for the best interest of the University the only condition of this bequest being that they establish not an elaborate but adequate memorial for my said sister, May Kate Curren.

The residue of the estate will probably be between \$3,500.00 and \$4,000.00.

40. The Association of Governing Boards will hold its 39th annual meeting at the University of Nebraska October 11-14. All members of our Board are urged by the Association to attend if possible.
41. The Michigan State Fair awarded a Centennial Award to Michigan State University on September 7, 1961. All Michigan colleges and universities that had existed for more than 100 years were included in this recognition.
42. Communication from Mrs. Virginia R. Shaw, widow of Bradford Shaw, expressing appreciation to the Trustees for their generous action upon the death of her husband.

Gifts and Grants

- Gift of swivel connector, brass bushing, curved tube and connector, and a special swivel assembly valued at \$25 from "Led" Ballast, Inc., of Boulder, Colorado, to be used for class work in Agricultural Engineering.
- Gift of 2 cutter bars and 2 foot knife assemblies valued at \$10 from Massey-Ferguson, Inc., of Detroit, for use in Agricultural Engineering.
- Gift of 2 pumps and 2 valves, etc., valued at \$150 from Vickers, Inc., of Detroit to be used in Agricultural Engineering.
- Gift of 213 pedigreed chickens valued at \$2,460 from the Hannah Poultry Farm of Grand Rapids to be used in Poultry Science to preserve pure bred strains of poultry.
- Gift of a cylindrical slide rule valued at \$50 from F. J. Howell and K. W. Thompson of the Michigan Bell Telephone Company of Detroit for the College of Engineering for display or historical purposes.
- Gift of an oil painting valued at \$100 from the MSU Alumni Club of the Philippines. The alumni living in the Philippines provided this oil painting of President Hannah and presented it to the University on the occasion of his 20th anniversary as President of the University.
- Grants as follows for scholarship or loan fund purposes:
  - \$3000 from Gerber Baby Foods Fund of Fremont for undergraduate scholarships for outstanding students in Food Science.
  - \$115 from the American Legion Auxiliary of New Boston for a student from Huron High School toward a scholarship in music.
  - \$1000 from the Mississippi Valley Structural Steel Company of Decatur, Illinois, for a scholarship won by a student from Franklin Park, Illinois, for a 4-year period.
  - \$50 from the Detroit Panhellenic Association of Royal Oak to assist worthy women students.
  - \$500 from the Foundry Educational Foundation of Cleveland to establish an unrestricted scholarship in the foundry education foundation program.

Report of  
Will of  
Geneva Reede  
Curren

Assoc. Gov. Bds.  
meeting at  
Univ. Nebraska

Acceptance of  
Michigan State  
Fair Centennial  
Award

Gifts and  
Grants

NEW BUSINESS, continuedGifts and Grants, continued

## 7. Grants for scholarships, continued:

- f. Grants of \$1500 from each of the following, in each case to be credited \$500 to account 72-2549 and \$1000 to be scholarship account 32-3219:
- 1) \$3000 from The Hopp Press of New York City--2 scholarships
  - 2) \$3000 from the Campbell Soup Company of Camden, New Jersey--2 scholarships
  - 3) \$1500 from The Sperry and Hutchinson Company of New York City
  - 4) \$1500 from La Choy Food Products of Archbold, Ohio
  - 5) \$1500 from Jerry Tyler Foundation, Inc., of Niles
- g. To renew previously established scholarships:
- 1) \$250 from Frank J. DeDecker of Birmingham
  - 2) \$500 from Mrs. Duncan Hines
  - 3) \$30,000 from the William and Sarah E. Hinman Endowment Fund of Lansing
  - 4) \$300 from the Ionia County Home Demonstration Council of Ionia
  - 5) \$1,000 from the Solvay Process Division of Allied Chemical of Syracuse
  - 6) \$1,500 from The Kroger Company of Cincinnati for 3 scholarships in Home Economics and 3 in Agriculture
  - 7) \$4,700 from The Sears-Roebuck Foundation of Chicago to be used:
    - a). \$3,500 for freshman scholarships in Agriculture
    - b). \$300 for a special sophomore Sears-Roebuck award to a student in Agriculture
    - c). \$900 for 3 scholarships for freshmen in Home Economics
  - 8) \$400 from The Central Soya Foundation of Fort Wayne, Indiana
  - 9) For the Cooperative Counselor Training Scholarships:
    - a) \$400 from the Burroughs Foundation of Detroit
    - b) \$100 from the Michigan State A.F.L.-C.I.O. of Detroit
  - 10) For the Michigan Bankers Scholarship Fund:
    - a) \$100 from the First Security Bank of Ionia
    - b) \$100 from the Genesee Merchants Bank and Trust Company of Flushing
    - c) \$100 from the Montcalm Central Bank of Stanton
  - 11) For the Farm Equipment Association Scholarship Fund:
    - a) \$300 from the Michigan Farm Equipment Association of Grand Rapids
    - b) \$340 from Weaver & Lingg of Sturgis
- h. To aid specified students:
- 1) \$1,450 from the General Henry H. Arnold Education Fund of Washington, D.C \$800 for one student and \$650 for another.
  - 2) \$5,000 from the Jewel Tea Company, Inc., of Melrose Park, Illinois, for two \$1,500 scholarships and two \$1,000 scholarships.
  - 3) \$150 from the American Legion Auxiliary of Detroit for the Besse Gotfredson Memorial Scholarship.
  - 4) \$1,600 from The American Legion of Detroit for eight \$200 scholarships
  - 5) \$7,650 from the George M. Pullman Education Foundation of Chicago for twenty scholarships in varying amounts.
  - 6) \$200 from the Gerber Baby Foods Fund of Fremont
  - 7) \$500 from The Wilbraham P.T.A. of Wilbraham, Massachusetts
  - 8) \$300 from the J. Wood Platt Caddie Scholarship Trust of Bala-Cynwyd, Pennsylvania
  - 9) \$1,000 from the Houston Endowment Corporation of Houston, Texas
  - 10) \$100 from Mildred E. Strang of Yorktown Heights, New York
  - 11) \$750 from Frank Gannett Newspaperboy Scholarships, Inc., of Rochester, New York.
  - 12) \$350 from the State Journal of Lansing
  - 13) \$512 from the Little Rock Nine Scholarship Fund of Little Rock, Arkansas
  - 14) \$100 from the Jefferson Junior Chamber of Commerce of Jefferson, Wisconsin
  - 15) \$150 from the Zeta Tau Alpha Foundation of Evanston, Illinois
  - 16) \$150 from the John J. Pershing High School Mother's Club of Detroit
  - 17) \$500 from The John and Elizabeth Whiteley Foundation of Lansing
  - 18) \$200 from the Jewish Community Center of White Plains, New York
  - 19) \$250 from the Peoples Bank of Trenton
  - 20) \$150 from the Michigan Pepsi-Cola Scholarship Foundation of Muskegon
  - 21) \$175 from the Pearl Beach Lions Club of Pearl Beach
  - 22) \$300 from the Osmun Scholarship Fund of Pontiac
  - 23) \$1,000 from the Edward A. Mellinger Educational Foundation of Monmouth, Illinois
  - 24) \$650 from the Armco Foundation of Middletown, Ohio
  - 25) \$1,975 from the Oscar Mayer Foundation, Inc., of Madison, Wisconsin
  - 26) \$800 from Ransom Fidelity Company of Lansing
  - 27) \$2,750 from The Loeb Foundation of Chicago for five scholarships
  - 28) \$750 from The Green Foundation of Jamaica, New York
  - 29) \$1,000 from the Corson Scholarship Fund of Pittsburgh
  - 30) \$1,000 from Sea Venture Limited of New York City
  - 31) \$279 from Alpha Kappa Alpha Sorority of Lansing
  - 32) \$500 from The Abbott Foundation of North Chicago, Illinois
  - 33) \$500 from Ralston Purina Company of St. Louis, Missouri
  - 34) \$700 from The John Huntington Fund for Education of Cleveland
  - 35) \$100 from the National Guild of Piano Teachers of Austin, Texas.
  - 36) \$200 from Holy Trinity Greek Orthodox P.T.A. and Greek Ladies Philoptochos Society of Bridgeport, Connecticut
  - 37) \$500 from The Copper Range Foundation of Boston, Massachusetts
  - 38) \$282.75 from the Kiwanis Club of East Lansing
  - 39) \$800 from the Educational Foundation for Jewish Girls of New York City
  - 40) \$300 from The Buffalo Foundation of Buffalo, New York
  - 41) \$500 from the Charles and Helen Smillie Foundation of Ferndale
  - 42) \$500 from the United Air Lines Foundation of Chicago
  - 43) \$1,341.55 from the M & S Manufacturing Company of Hudson for five scholarships

Gifts and  
Grants



NEW BUSINESS, continuedGifts and Grants, continued

## 7. Grants for scholarship or loan fund purposes, continued:

## h. To aid specified students, continued:

- 44) \$450 from Warren High School of Warren
- 45) \$300 from Warren Consolidated Schools of Warren

## i. For Michigan State University-Oakland

- 1) \$1,200 from the Pontiac Centennial Commission to establish the Greater Pontiac Centennial Student Loan Fund
- 2) For the MSU-O Consolidated Scholarship Trust:
  - a) \$2,000 from the Campbell-Ewald Company of Detroit
  - b) \$1,450 from the Ford Education AID program
- 3) For the MSU-O Scholarship Fund for 1961-62:
  - \$500 from the Armanda Lions Club
  - \$50 from Mr. and Mrs. Gilbert F. Schaefer of Bloomfield Hills
  - \$280 from the American Business Women's Association of Pontiac
  - \$10 from Huron Park Mothers Club of Roseville
  - \$4 from the Macomb County Scholarship Committee
  - \$280 from the Austin Norvell Agency, Inc. of Pontiac
  - \$1,820.05 from proceeds of the Bloomfield Open Hunt Horse Show
  - \$280 from the Lambda Chi Omega Sorority of Pontiac
  - \$90 from the Million Dollar Round Table Foundation of Chicago
  - \$1,500 from The Pontiac Press
  - \$110 from the Rochester Ministerial Association of Rochester
  - \$300 from the Rotary Club of Rochester
  - \$25 from the St. Clair Shores Junior Chamber of Commerce Auxiliary
  - \$200 from Southfield High School of Detroit
  - \$140 from Waterford Clarkston Business and Professional Women's Club
  - \$25 from the Women's Civil League of St. Clair Shores

## 8. Grants to be used under the direction of Director Ralston in Cooperative Extension Service as follows:

- a. \$2,000 from the Macomb County Board of Supervisors for partial support of the salary of an additional 4-H Club agent.
- b. \$2,500 from the Washtenaw County Board of Supervisors as a contribution toward the salary of a 4-H Club agent.
- c. \$6,000 from the Berrien County Board of Supervisors as a contribution toward the salaries of a 4-H Club Agent and a Horticulture agent.
- d. \$2,250 from the Kent County Board of Supervisors for partial support of the salary of a 4-H Club agent.

- 9. Renewal of a memorandum of agreement with the Michigan Rural Rehabilitation Corporation of East Lansing covering a grant of \$5,000 to be used under the direction of J. R. Brake in Agricultural Economics for estimating capital and credit needs of typical operating units in agriculture; estimating debt repaying ability when adequately financed; and developing promising alternative financing systems.
- 10. Renewal of a memorandum of agreement with the Agricultural Engineering Research Division of the United States Department of Agriculture of Washington covering a grant of \$1,500 to be used under the direction of J. S. Boyd in Agricultural Engineering for research into structural requirements for silos, and methods of making, storing, and feeding silage, with particular emphasis on the effect of various types of forage on the structural requirements of the silo.
- 11. Renewal of a memorandum of agreement with the National Silo Association of Louisville, Kentucky, covering a grant of \$1,500 to be used under the direction of J. S. Boyd in Agricultural Engineering to continue research on physical conditions in farm silos.
- 12. Renewal of a memorandum of agreement with the State Association of Mutual Insurance Companies of Lansing covering a grant of \$5,000 to be used under the direction of R. G. Pfister in Agricultural Engineering to provide a full time rural fire prevention and safety specialist and a more adequate operating budget.
- 13. Approval of a memorandum of agreement with the J. I. Case Company of Racine, Wisconsin, covering a grant of \$1,350 to be used under the direction of C. W. Hall in Agricultural Engineering to determine the voluntary intake or acceptability of hay pellets and comparable baled hay when fed to dairy cows.
- 14. Grant of \$11,212 from the Public Health Service of Bethesda, Maryland, to be used under the direction of G. L. Kilgour in Biochemistry for a study of the chemistry and biochemistry of inositol phosphates.
- 15. Renewal of a memorandum of agreement with the National Cottonseed Products Association, Inc., of Memphis, Tennessee, covering a grant of \$2,000 to be used under the direction of R. J. Evans in Biochemistry to develop a method for the bio assay for cyclopropene fatty acids. The agreement provides for a special graduate research assistant.
- 16. Renewal of a memorandum of agreement with the National Institutes of Health of Bethesda, Maryland, covering a grant of \$22,398 to be used under the direction of Allen S. Fox in Biochemistry for immunogenetic and biochemical studies of Drosophila and Neurospora. The agreement provides for special graduate research assistants.



NEW BUSINESS, continuedGifts and Grants, continuedGifts and  
Grants

17. Renewal of a memorandum of agreement with the National Institutes of Health covering a grant of \$13,249 to be used under the direction of J. C. Speck, Jr., in Biochemistry for elucidation of mechanisms of enzyme action. The agreement provides for special graduate research assistants.
18. Renewal of a memorandum of agreement with the Agricultural Research Service of the United States Department of Agriculture covering a grant of \$3,600 to be used under the direction of L. D. McGilliard in Dairy to investigate the effect of environmental influences affecting dairy production records used in proving sires and the determination and utilization of milk composition information in the evaluation of dairy production records.
19. Renewal of a memorandum of agreement with the Malting Barley Improvement Association of Milwaukee covering a grant of \$3,200 to be used under the direction of J. E. Grafius in Farm Crops to support research toward incorporating malting quality into winter barley. The agreement provides for a special graduate research assistant.
20. Renewal of a memorandum of agreement with the Michigan Brewers' Association of Detroit covering a grant of \$2,500 to be used under the direction of J. E. Grafius in Farm Crops to provide technical assistance for the barley genetic and plan breeding projects.
21. Grant of \$15,660 from the Atomic Energy Commission of Washington, D.C., to be used under the direction of R. C. Ball in Fisheries and Wildlife for limnological study of a stream. Provision is made for special graduate research assistants.
22. Grant of \$700 from the Erie Research Committee of the Erie Shooting Club of Erie, Michigan, to be used under the direction of P. I. Tack in Fisheries and Wildlife to assist one or more graduate students in the study of waterfowl.
23. Renewal of a memorandum of agreement with the Sugar Research Foundation, Inc., of New York City covering a grant of \$18,000 to be used under the direction of A. M. Pearson in Food Science to study the role of sugar in flavor development of cured meats. The agreement provides for special graduate research assistants.
24. Grant of \$3,000 from The Griffith Laboratories, Inc., of Chicago to be used under the direction of L. J. Bratzler in Food Science for a graduate student fellowship.
25. Grants as follows from the National Institutes of Health of Washington, D.C., for work in Food Science:
  - a. \$12,937 to be used under the direction of L. R. Dugan, Jr. for research on Phospholipids of beef and pork muscle. Provision is made for special graduate research assistants.
  - b. \$11,500 to be used under the direction of Pericles Markakis for research in the metabolism of anthocyanin pigments in plants. Provision is made for special graduate research assistants.
  - c. \$11,040 to be used under the direction of A. M. Pearson for the measurement of the body composition of swine. Provision is made for special graduate research assistants.
26. Grants as follows to be used under the direction of A. J. Panshin in Forest Products for the continuance of the Mobile Homes Education program:
  - a. \$6,000 from Mobile Homes Manufacturers Association of Chicago
  - b. \$1,500 from Mobile Home Dealers National Association of Chicago
27. Grant of \$23,351 from the Department of Health, Education, and Welfare of Washington, D.C., to be used under the direction of F. A. Pinner in the Bureau of Social and Political Research to develop instruments needed in testing the hypothesis that citizenship orientations appropriate for a democracy are acquired or reinforced in a school environment with a pluralistic affiliative structure. Provision is made for special graduate research assistants.
28. Grant of \$2,000 from the Mortgage Bankers Association of America of Chicago to be used under the direction of J. D. Edwards in Accounting and Financial Administration to aid two graduate students. Half of this grant has been received.
29. Grant of \$12,825 from The Ford Foundation of New York City to be used under the direction of Anthony Y. C. Koo in Economics for a fellowship in the amount of \$12,000 for Professor Koo and \$825 for the continuation of his regular faculty benefits during the period of fellowship tenure.
30. Grant of \$665 from the Jewel Tea Company of Melrose Park, Illinois, to be used under the direction of E. M. Barnett in Marketing and Transportation to support the matching scholarship program.
31. Grant of \$1,000 from First National Stores, Inc., of Somerville, Massachusetts, to be used under the direction of E. M. Barnet in Marketing and Transportation for the administration of the programs in food marketing management.
32. Grant of \$16,007 from the Office of Vocational Rehabilitation of the Department of Health Education, and Welfare of Washington, D.C., to be used under the direction of G. J. Aldridge in Social Work to assist in the training of social workers for employment in physical and mental rehabilitation settings.

NEW BUSINESS, continuedGifts and Grants, continuedGifts and  
Grants

33. Renewal of a memorandum of agreement with the International Cooperation Administration of Washington, D.C., covering a grant of \$190,000 to be used under the direction of H. W. Ellingsworth in the College of Communication Arts to provide communication training for 2,600 participants in technical training programs under the supervision of the International Cooperation Administration. Provision is made for special graduate research assistants.
34. Grant of \$7,200 from the National Science Foundation of Washington, D.C., to be used under the direction of W. T. Stellwagen in General Communication Arts and Psychology to investigate the role of learned responses to visual cues on their later discrimination. Provision is made for special graduate research assistants.
35. Grants as follows from the Office of Vocational Rehabilitation of the Department of Health, Education, and Welfare to be used under the direction of H. J. Oyer in Speech:
  - a. \$7,200 to provide three additional trainees to study in the field of vocational rehabilitation in speech and hearing science.
  - b. \$21,069 to provide a fulltime teacher and four graduate trainees to study in the field of vocational rehabilitation in speech and hearing science.
36. Grant of \$25,000 from the Division of Vocational Education of the Michigan Department of Public Instruction to be used under the direction of Wilbur Brookover and Lawrence Borosage in the College of Education for a state-wide study of vocational education. Provision is made for special graduate research assistants.
37. Grant of \$108,321 from the Office of Vocational Rehabilitation of the Department of Health, Education, and Welfare of Washington to be used under the direction of G. A. Miller in the College of Education to continue training rehabilitation counselors.
38. Renewal of a memorandum of agreement with the Educational Facilities Laboratories, Inc., of New York City covering a grant of \$5,000 to be used under the direction of Donald Leu in the College of Education for the completion of design solutions, construction of model, writing and preparation of a booklet presenting the concept of a reclaimable classroom.
39. Grant of \$2,400 from JETS, Inc., of East Lansing to be used under the direction of R. T. Fallon in Engineering to carry out the divorcement of JETS from any University tie.
40. Grant of \$500 from the Oldsmobile Division of General Motors Corporation of Lansing to be used under the direction of C. A. Tatro in Applied Mechanics for expenses of thesis research for a Master's Degree candidate.
41. Grant of \$15,000 from The American Cancer Society, Inc., of New York City to be used under the direction of J. J. Stockton in the Division of Biological Sciences to support fundamental studies related to cancer.
42. Approval of a memorandum of agreement with The Dow Chemical Company of Midland covering a grant of \$440 to be used under the direction of H. S. Potter in Botany to study the effect of certain phenolic compounds on the control of seed rot and scab of potatoes.
43. Grant of \$7,000 from the Michigan Blueberry Growers Association of Grand Junction to be used under the direction of W. B. Drew in Botany to establish a fellowship in the Department.
44. Grant of \$12,247 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of E. S. Beneke in Botany for selection of oncostatic strains of *Calvatia gigantea*. Provision is made for special graduate research assistants.
45. Grant of \$27,100 from the National Science Foundation of Washington, D.C., to be used under the direction of H. A. Imshaug in Botany for the preparation of a lichen manual for the West Indies. Provision is made for special graduate research assistants.
46. Grant of \$10,000 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of Florence C. Kempf in Nursing to integrate mental health concepts in nursing programs. Provision is made for special graduate research assistants.
47. Grants as follows from the Michigan Cancer Foundation of Detroit to be used in Zoology:
  - a. \$4,485 to be used under the direction of R. A. Fennell for an analysis of the role of chorioallantoic grafts in accelerating growth of tissues and organs of chicken embryos. Provision is made for special graduate research assistants.
  - b. \$5,059 to be used under the direction of J. R. Shaver for identification of tissue-specific antigens in Normal kidney and in renal adenocarcinoma.
48. Grants as follows from the National Institutes of Health of Bethesda to be used in Zoology:
  - a. \$13,142 to be used under the direction of J. R. Shaver for studies of the division and differentiation of normal and tumor cells. Provision is made for special graduate research assistants.
  - b. \$4,370 to be used under the direction of P. J. Clark to investigate the inter-relationships among fertility and a number of anthropometric, psychometric, and biochemical traits in human twins.
49. Grant of \$8,850 from the Atomic Energy Commission of Washington, D.C., to be used under the direction of R. D. Schuetz in Chemistry for an investigation of the biosynthesis of organic sulfur compounds in plants. Provision is made for a special graduate research assistant.

NEW BUSINESS, continuedGifts and Grants, continuedGifts and  
Grants

50. Grant of \$183 from E. I. duPont deNemours and Company of Wilmington, Delaware, for the fellowship and the fees for the dePont post-graduate teaching fellow in Chemistry.
51. Grant of \$500 from E. I. duPont deNemours and Company to be used in Chemistry to defray research expenses of the recipient of the duPont fellowship or to advance graduate study and research in any way that the Department may choose.
52. Grant of \$43,800 from the National Science Foundation of Washington to be used under the direction of M. T. Rogers in Chemistry for the application of NMR spectroscopy to some problems in molecular structure. Provision is made for special graduate research assistants.
53. Grant of \$19,000 from the National Science Foundation of Washington to be used under the direction of G. J. Karabatsos in Chemistry for a study of the mechanisms of organic reactions by use of isotopes. Provision is made for special graduate research assistants.
54. Grant of \$1,000 from the Gulf Oil Company of Pittsburgh to be used under the direction of M.M. Miller in Geology in any way needed.
55. Grant of \$250 from Dr. Theodore R. Baley of Tacoma, Washington, to be used under the direction of M. M. Miller in Geology for the summer field institute of glaciology, Juneau Icefield Research Program.
56. Grant of \$69,322 from the National Institutes of Health of Bethesda, Maryland, to be used under the direction of D. J. Montgomery in Physics and Astronomy to study the effect of magnetic fields on biological processes. Provision is made for special graduate research assistants.
57. Grant of \$90,000 from the National Science Foundation of Washington to be used under the direction of Leo Katz in Statistics for the support of research on problems in statistics and probability. Provision is made for special graduate research assistants.
58. Grant of \$52,800 from the National Science Foundation to be used under the direction of S. H. Bartley in Psychology for support of research on visual studies relating to optic pathway neurophysiology.
59. Grant of \$500 from The American Youth Foundation of St. Louis, Missouri, to be used under the direction of Christopher Sower in Sociology and Anthropology for organization research.
60. Grant of \$20,895 from the National Science Foundation to be used under the direction of Wayne Taylor in the Science and Mathematics Teaching Center to improve the status of science and mathematics education in Michigan.
61. Renewal of a memorandum of agreement with The Upjohn Company of Kalamazoo covering a grant of \$3,000 to be used under the direction of Lois Calhoun, Esther Smith, and Madan Bharadwaj in Anatomy to develop bibliographic index and photographic exposition of the laboratory rat.
62. Grant of \$25 from the Women's Auxiliary to the Michigan Veterinary Medical Association of Hillsdale to be used under the direction of Dean Armistead in Veterinary Medicine to purchase materials for the Veterinary Library.
63. Grant of \$3,680 from The Michigan Tuberculosis Association of Lansing to be used under the direction of W. L. Mallmann in Microbiology and Public Health for the use of millipore filters in attempted isolation of tuberculosis-causing micro-organisms from human sputa. Provision is made for a special graduate research assistant.
64. Renewal of a memorandum of agreement with the National Institutes of Health of Bethesda covering a grant of \$7,188 to be used under the direction of C. L. SanClemente in Microbiology and Public Health to study the medical implications of coagulase and bacteriophage sensitivity in the staphylococci. The agreement provides for a special graduate research assistant.
65. Renewal of a memorandum of agreement with Ciba Pharmaceutical Products, Inc., of Summit, New Jersey, covering a grant of \$5,500 to be used under the direction of D. E. Schoenhard in Microbiology and Public Health to survey a group of steroids for anti-PPLO activity.
66. Grant of \$8,070 from the National Institutes of Health of Bethesda to be used under the direction of Joseph Meites in Physiology and Pharmacology to study the effects of hormones on development of breast cancer in rats, and to determine hormone production by pituitary tumors in a tissue culture system. Provision is made for a special graduate research assistant.
67. Approval of a memorandum of agreement with the Mark L. Morris Foundation of Denver, Colorado, covering a grant of \$7,581.40 to be used under the direction of W. L. Brinker in Surgery and Medicine for joint disease studies in the dog. The agreement provides for a special graduate research assistant.
68. Grant of \$500 from the National Institute Neurological Diseases and Blindness of Bethesda to be used under the direction of C. C. Morrill in Veterinary Pathology to make a neuropathologic study of nervous disorders of domestic animals.
69. Grant of \$750 from the Sheraton Corporation of Boston, Massachusetts, to be credited to the Discretionary Gifts Fund. They have employed 3 MSU graduates.

## Gifts and Grants, continued:

Gifts and  
Grants

70. Grant of \$11.74 from Walter Adams of the Economics Department to be credited to the Discretionary Gifts Fund. This amount is his share of the semi-annual royalties on copies of two of his books.
71. Grant of \$15,630 from The Ford Motor Company of Dearborn to be used under the direction of Kenneth Roose at Michigan State University-Oakland for the development of the details of the business administration program.
72. Grant of \$37,064 from the National Institutes of Health of Bethesda to be used under the direction of H. W. Lewis at Michigan State University-Oakland for the study of genetics of dopa oxidase activity C5904 in Drosophila.
73. Grant of \$57,357 from the Cooperative Research Bureau of the Department of Health, Education, and Welfare of Washington to be used under the direction of D. D. O'Dowd and D. C. Beardslee at Michigan State University-Oakland for research on the development and consistency of student images of occupation.
74. Grant of \$22.75 from the Community National Bank of Pontiac to be credited to the Discretionary Gift Fund at Michigan State University-Oakland.

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

Reports for Board Members

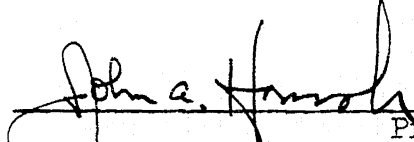
1. The following Alteration and Improvement items have been approved since the meeting of the Board of Trustees on July 20:

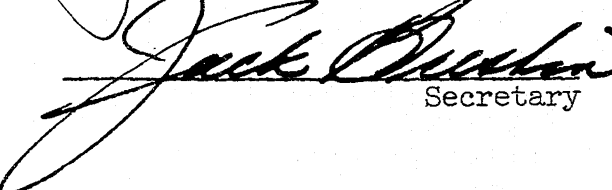
Renovation work in Room 101, Home Economics Building	\$2,400
Alterations in Rooms 300 and 315, Home Economics Building	1,730
Construct book shelves in Quonset 86 for Police Administration	190
Improve lighting over desks in Rooms 302, 313, 323, 335, 347, 355, 402, 413, 423, 447, 455, Education Building	2,400
Improve lighting and alterations in Room 5, Biology Research Building, to make laboratory offices	2,480
Build partitions and change door openings as necessary in basement of Auditorium to provide an area with access for theater group	2,000
Remodel Quonset 104 for Public Safety	1,440
Install acoustic tile ceiling in Room 100, Administration Building	140
Install Venetian blinds in Rooms 401, 402, and 410 Morrill Hall for History Department	315
Improve electrical system in the television studios	375
Alterations in Room 306, Berkey Hall, for Sociology	400
Alterations in Room 447, Berkey Hall, and painting Rooms 447A and 447C for Sociology	1,120
Install counter, replace lights, install signs, redecorate Rooms 313-318, 336, 337, 301, 303, 302A, 340 and 341 Morrill Hall for Foreign Languages	2,300
Install asphalt tile floor covering in Room 317, Administration Building for Secretary's Office	50
Extend existing partition to ceiling between Rooms 201 and 201C, Agriculture Hall, for Cooperative Extension	180
Improve lighting in Rooms 7, Agricultural Engineering Building	600
	\$18,120

2. Additional payments to salaried employees since the meeting of the Trustees in July as per list on file.
3. Several communications have been received urging the highest possible priority for the construction of a new building to house the Department of Forestry and related activities.

The Board adjourned at 12:15 p.m.

It was decided to hold the October meeting on the 20th, beginning with a luncheon at noon and continuing until business is finished.

  
President

  
Secretary