

MINUTES OF THE INFORMAL MEETING
of the
BOARD OF TRUSTEES
September 9, 1971

Present: Trustees Carrigan, Hartman, Huff, Martin, Merriman, Stevens, Thompson, and White; President Wharton, Executive Vice President and Secretary Breslin, Provost Cantlon, Vice Presidents Muelder, Perrin, Wilkinson, Dean Smuckler, Dean of Students Nonnamaker, Assistants to the President Ballard, Spaniolo, Wilkie.

President Wharton called the information meeting to order at 8:10 p.m. He indicated that the only item to be discussed would be a presentation by Dr. Ralph Smuckler, Dean of International Programs. President Wharton pointed out that Dean Smuckler had briefed the Trustees in March on the activities of the University's International Programs. His presentation would be an update on current activities and developments in the international dimension of MSU.

Presentation by
Dean Smuckler
on Inter-
national
Programs

Dean Smuckler discussed the review document which had been previously distributed to the Trustees. He also referred to a recent annual report of the Office of International Programs which had been given to the Trustees just prior to the meeting. He outlined the following new directions and changes in the international scene as they relate to Michigan State University.

1. A need for a network of university ties throughout the world which would include exchange of faculty and students.

2. New issues which have an international dimension as well as relevance to the domestic scene within the United States must be dealt with by universities.

3. A need to think in new ways concerning projects in developing nations so that new patterns of relationships can reflect the trend toward greater usage of nationals in leadership positions in projects.

4. A need to look more closely at our study-abroad programs to make sure that these programs are of longer duration, tied in with the academic needs of the University, and reflect MSU's curriculum priorities.

Dean Smuckler pointed out that in the program review document there is no recommendation that the University expand its international activities. He indicated that there is instead a call for shifting some of the University's emphasis in international programs in light of current trends and needs. He discussed the operation of the faculty-student International Projects Committee which reviews international activities of the University as they relate to faculty and students.

Dr. Smuckler reviewed for the Board some of the areas being explored by International Programs for projects in the future. This included programs concerned with non-formal education, management of rural development organizations, and problems of institution building in developing nations. He pointed out that these programs will involve research and training and will include MSU faculty and students. He also reported on the continued growth of the international influence on campus courses. He reported that currently 25 percent of the University's courses contain an international dimension. He also reported on the current situation concerning funding of international projects by federal and private sources. He indicated that while general support money has been cut back, there was sufficient funding to allow the University to continue specific projects.

Trustee Carrigan asked Dean Smuckler about the decision process regarding University projects of an international nature. He pointed out that the Office of International Programs operates under guidelines established by the faculty-student committee. He also discussed the problems the International Projects Committee faces in decisions regarding specific project proposals. Mrs. Carrigan also raised the issue of involving the Board of Trustees in such decisions. Provost Cantlon commented that the Board is involved since agreements between the University and other organizations must be approved by the Trustees. Trustee Huff indicated that the Board has had a long history of involvement in the international dimension of the University.

Trustee Stevens asked how individual colleges within the University work in relation to the Office of International Programs. Dean Smuckler reported that any international project or commitment involving any part of the University comes before the Office of International Programs and the International Projects Committee. Mr. Stevens also asked about the funding of foreign students at the University. Dr. Smuckler reported that a majority of the foreign students on campus were financed by outside sources.

Trustee White asked for Dean Smuckler's personal opinion regarding faculty support of the international dimension at MSU. Dean Smuckler reported that such support has been very strong. He said that a recent campus questionnaire indicated this support. He also pointed out that many of the pressing social problems of concern to faculty today have international aspects.

Trustee Merriman commented on the University's agricultural emphasis in international projects of the past. He asked if such efforts had been successful and if the University's international dimension was moving away from this agricultural aspect. Dr. Smuckler indicated that MSU had experienced success in the agricultural area of developing nations and that a strong agricultural core still existed in many of the University projects in other countries. President Wharton also commented that the nature of the University's agricultural projects in other countries has changed with agricultural trends, developments, and approaches.

Presentation by President Wharton introduced Dr. Mitchell Stengel of the Economics Department and indicated that Dr. Stengel wanted to make a presentation concerning the University's recent agreement with Arya Mehr University in Iran. Dean Smuckler had briefly mentioned the agreement when discussing future directions in exchange agreements with other universities throughout the world. Dr. Stengel questioned the benefits that the University will receive from the agreement due to the political climate in Iran. He reviewed for the Board various incidents which have occurred in Iran and at Arya Mehr University. He also stated that in light of the University's past experience in Vietnam, further embarrassment would be received from the agreement with the Iranian university. He called for the Board of Trustees to establish a special committee to study more closely the University's international commitments and to hold the Arya Mehr agreement in abeyance until the committee had completed its study. Trustee White asked Dean Smuckler if any foundations are supporting the Arya Mehr project. Dr. Smuckler indicated that the only support had been a limited travel grant from the Midwest Universities Consortium for International Activities (MUCIA).

Dr. Samuel Moore, chairman of the International Projects Committee, made a brief presentation to the Board. He indicated that the committee did not view itself as a rubber stamp of University policies in international activities. In answer to a question by Trustee Carrigan, Dr. Moore stated that the committee had not requested any further information regarding the Arya Mehr project but noted on the project as presented. Dean Smuckler indicated that if any developing country is viewed closely an argument can be made that the political situation is not stable enough to justify University involvement. He added that in the field of international projects, the University often has to live with uncertain political conditions. He stated that the agreement offers the University a good opportunity for a close relationship with a part of the world with which MSU has had very little past contact. Trustee White asked if the University's tenure rules would also apply to MSU faculty who might teach at Arya Mehr University while on sabbatical leave. Provost Cantlon indicated that the rules generally do apply in the case of international projects but that this section of the agreement caused some concern for the University administration. Provost Cantlon stated that the University felt that faculty would gain important cultural and educational advantages from teaching at Arya Mehr and that such assignment should be approved under the rules of sabbatical leaves.

Trustee Merriman asked if the University has consulted with the U.S. Department of State concerning the Arya Mehr agreement. Dean Smuckler indicated that the University obtained information from an American at the university and from University of Illinois personnel who have long been involved in projects in Iran. He indicated that the University had not consulted with the State Department.

Trustee Huff asked for Dean Smuckler's views concerning the limiting of foreign students on campus to graduate levels. Dr. Smuckler stated that while greater cross-cultural advantages might be obtained by having more undergraduate students from other countries, generally the financing of such students was aimed at the graduate levels. He added that the needs of developing countries continue to be for students with graduate training. President Wharton also responded that the mix of graduate and undergraduate students from other nations is generally not under the University's control but that of outside funding sources.

In response to a question by Trustee Huff regarding the College of Business' involvement in the international dimension, President Wharton indicated that the business education needs of developing countries have changed from the past to a greater emphasis on management of agribusiness and specific production problems.

In answer to another question by Trustee Huff, Dean Smuckler reported on the University's activities in Canadian-American Studies indicating a need for further development in this area providing proper funding can be obtained.

President Wharton thanked Dean Smuckler and the other guests for their presentations and adjourned the meeting.

MINUTES OF THE MEETING
of the
FINANCE COMMITTEE
September 9, 1971

President Wharton called the Finance Committee meeting to order at 1:15 p.m.

The following members were present: Trustees Carrigan, Hartman, Huff, Martin, Merriman, Stevens, and Thompson; President Wharton, Executive Vice President and Secretary Breslin, Provost Cantlon, Attorney Carr, Vice President Wilkinson, Assistant to the President Ballard.

Absent: Trustee White

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

Investment
recommendations

Retirement Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Cash Available			\$ 150,000		
Recommend purchasing:					
Up to 8,000	Scott Paper Co. (making 26,273)	\$ 19	152,000	\$8,000	5.2%

Recommendation that the investment in Ford Motor Commercial paper of \$921,000 be extended from September 9 through October 15, 1971.

On motion by Trustee Thompson, seconded by Trustee Carrigan, it was unanimously voted to approve the above recommendations.

2. Report on Jessie T. Fee Trust Investments

Report on
Jessie T. Fee
Investments

The Detroit Bank & Trust Company has sole authority governing the administration of the Jessie T. Fee Trust fund. They have informed us that the following investment changes have been made to increase current income and capital appreciation potential:

<u>BUY:</u>	<u>Ledger Value</u>	<u>Approximate Market</u>	<u>Approximate Market Value</u>	<u>Estimated Annual Income</u>
\$30,000 Chase Manhattan Corp. 4-7/8% conv. deb. due 5-1-93		\$ 95	\$ 28,500	\$1,462
\$30,000 Georgia Pacific Corp. 5-1/4% conv. deb. due 4-1-96		100	30,000	1,575
1,000 shs. American General Insurance \$1.80 conv. pfd.		33	33,000	1,800
\$60,000 Corporate Bond Common Trust Fund No. 2			60,000 \$ 151,500	4,200 \$9,037
<u>Now Hold</u> <u>SELL:</u>	<u>Ledger Value</u>	<u>Approximate Market</u>	<u>Approximate Market Value</u>	<u>Estimated Annual Income</u>
800 800 shs. ACF Industries Inc. common	\$37,314	\$ 47	\$ 37,600	\$1,920
400 400 shs. Kraftco Corp. common	1,750	42	16,800	680
281M \$100,000 Commercial Paper			100,000 \$ 154,400	5,660 \$8,260

On motion by Trustee Huff, seconded by Trustee Stevens, it was unanimously voted to accept the above report.

3. Report by Vice President Wilkinson re Consolidated Investment Fund

Report on
Consolidated
Investment
Fund

The procedures relating to our Consolidated Investment Fund require annual distribution to the various units on June 30. In order to complete the arrangements for this fiscal year, I authorized Mr. George Cress to redeem \$7,000 Ford Motor Credit Company Notes due September 29, 1971 in order to cover the distribution to the various participating units.

I made this adjustment following the authority of the Board of Trustees which granted that appropriate year-end adjusting entries could be made by this office.

Motion was made by Trustee Huff, seconded by Trustee Carrigan, to approve the above action. Unanimously carried.

Year-End
Projects
Approved

4. Report by Vice President Wilkinson on Year-end Projects

Following the authority granted by the Board of Trustees, I authorized the following high-priority year-end projects for the fiscal year ended June 30, 1971:

- a. Radioactive waste facility costing approximately \$50,000
- b. Campus lighting projects costing approximately \$47,000.

On motion by Trustee Huff, seconded by Trustee Thompson, it was unanimously voted to approve the above action.

1970-71
Auditor's
Report
accepted

5. University Auditor's Report

Vice President Wilkinson introduced Mr. Kenneth Bucknell, Partner, Ernst & Ernst, and Mr. Roger Schwartz of Ernst & Ernst, who were invited to meet with the Board for the purpose of discussing the audit of the University for 1970-71. Mr. Steve Terry, Assistant Vice President for Business and Finance, and Mr. Robert Wenner, Director of Internal Audit, who work very closely with the auditors, were also in attendance. Mr. Schwartz made a detailed statement concerning the scope of the audit. Mr. Bucknell reported that in his estimation the University's internal fiscal controls were excellent and that all accounts of the University were in good shape.

Responding to Trustee Merriman's question: "Would Ernst & Ernst assist the University in responding to criticism by the State auditor?" Mr. Bucknell said they would do all they could to assist the University.

Trustees Hartman and Thompson reported they were very pleased with the audit. They recommended Mr. Bucknell and Mr. Schwartz for their frankness as well as their complete explanation of the procedures used in making the audit.

It was moved by Trustee Thompson, seconded by Trustee Hartman, to accept the audit. Unanimously approved.

Approval agree-
ment for trans-
fer of Pontiac
Osteopathic
facility to
MSU

6. Transfer of Osteopathic Pontiac Facility to MSU.

Executive Vice President Breslin and Trustee Huff reported on a series of meetings that have been held to work out the terms of agreement for the transfer of the Michigan College of Osteopathic Medicine property in Pontiac to the Board of Trustees of MSU. After an extended discussion, the following proposed agreement was approved.

A G R E E M E N T

THIS AGREEMENT made this _____ day of _____, 1971, by and between MICHIGAN COLLEGE OF OSTEOPATHIC MEDICINE, a non-profit corporation of the State of Michigan, hereinafter called party of the first part, and BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, a constitutional corporation, hereinafter called party of the second part;

WITNESSETH:

THAT WHEREAS, the party of the first part is chartered under the provisions of Act 327 of the Public Acts of 1931 as an educational corporation for the declared purpose of establishing, conducting, and maintaining a college to instruct persons in the science of osteopathic medicine and surgery; and

WHEREAS, generous donations by the people of the Pontiac area have aided the purchase of land by party of the first part as the intended site of its college; and

WHEREAS, under the provisions of Act 162 of the Public Acts of 1969, the legislature of the State of Michigan has established a state supported school of osteopathic medicine located on the East Lansing campus of Michigan State University by determination of the State Board of Education; and

WHEREAS, the advent of such state supported school has had the effect of combining the purpose and intent of part of the first part with that of party of the second part, as the result of which this agreement is made;

NOW, THEREFORE, in consideration of the mutual covenants herein set forth, the parties declare and agree as follows:

1. On or before the close of business October 30, 1971, party of the first part will transfer all of its assets and liabilities unto party of the second part.

2. That legal conveyance of the real estate of party of the first part shall include that certain property described as:

Lots 1 and 7, Assessor's Plat No. 141, a Subdivision of part of Section 34, Town 3, North, Range 10 East, City of Pontiac, Oakland County, Michigan, according to plat thereof as recorded in Liber 54A, Pages 99 and 99A, of Plats, Oakland County Records.

Party of the second part assumes and agrees to pay the indebtedness owing thereon to Community National Bank of Pontiac, secured by mortgage dated March 20, 1969, recorded in Liber 5335, Page 835, Oakland County Records.

6. Transfer of Osteopathic Pontiac Facility, continuedOsteopathic
Pontiac
facility

3. That upon delivery of the conveyance aforesaid, party of the second part accepts the commitment to develop on the site a training, educational and public service field program of major proportion which includes, but is not limited to, osteopathic health care and delivery as well as related social, economic and technological curricula.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be signed in their names and sealed with their corporate seals the day and year first above written.

MICHIGAN COLLEGE OF OSTEOPATHIC MEDICINE

By _____

Its _____

Its _____

BOARD OF TRUSTEES OF MICHIGAN STATE
UNIVERSITY

By _____

C. R. Wharton, Jr.

Its President

Jack Breslin

Its Secretary

Motion was made by Trustee Merriman, seconded by Trustee Huff, to approve the agreement.
Motion carried by a vote of 6 to 1, Trustee Thompson voting "No."

7. ~~Executive~~ Vice President Breslin reported that the University State appropriation for 1971-72 does not contain funds for the continuation of the cooperative fire protection agreement with the City of East Lansing that has been in effect since 1946. He also reported that he had met with Jack Patriarche, East Lansing City Manager, and Vice President Wilkinson to explore the possibilities for a renegotiated agreement. A more definite report as well as a proposed new agreement with the City of East Lansing will be presented to the Board in either October or November of 1971.

Report re
Fire Protection
Agreement with
City of East
Lansing

8. President Wharton reported the administrative steps that had been taken to conform to President Nixon's wage-price freeze. A copy of the guidelines to be used University-wide was distributed to the Trustees. Copies of President Wharton's letters requesting interpretations on items affected by the wage-price freeze were also given to the Trustees.

Report by
Pres. Wharton
re wage-price
freeze

9. It was moved by Trustee Merriman, seconded by Trustee Thompson, and unanimously voted to approve the offer of purchase for the remaining 23.3 acres of the old Oliver site in Battle Creek for the sum of \$100,000 cash submitted by Carl H. Behnke, et. al., and the University attorney was authorized to take all actions required for closing the transaction.

Approval sale
of Oliver
property,
Battle Creek

10. Vice President Wilkinson presented Mr. Wilbur Broucek of the Ann Arbor Trust Co. who presented a proposed \$6,800,000 bond issue for the following reasons:

\$6,800,000
bond issue
approved
for dormitory
and apartment
financing

- a. To reimburse the University for the unfunded balance of Holden Hall, \$461,000
- b. To reimburse the University for the unfunded balance of Spartan Village Apartments #4, \$1,862,000.
- c. To substantially reduce the annual required debt service payment from the Brody Dormitory Group. This payment is currently \$687,000 annually which is in excess of the annual earnings from that facility.

The proceeds from the bond issue will be used for the following purposes:

- | | |
|--|------------------|
| a. Holden Hall (unfunded balance) | \$ 461,000 |
| b. Spartan Village Apts. #4 | 1,862,000 |
| c. Retire in full apartment revenue bond issue dated May 1, 1954 | 150,000 |
| d. Retire in full construction loan owing the National Bank of Detroit | <u>4,327,000</u> |

Total	\$6,800,000
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On motion by Trustee Huff, seconded by Trustee Martin, it was unanimously voted to approve the \$6,800,000 bond issue as proposed and the following supporting resolution.

Resolution re
\$6,800,000
bond issue,
continued

Finance Committee Meeting minutes

September 9, 1971

10. Dormitory and Apartment Financing, continued

RESOLUTION OF BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY AUTHORIZING THE ISSUANCE OF MICHIGAN STATE UNIVERSITY HOUSING REVENUE BONDS OF 1971 IN THE PRINCIPAL AMOUNT OF \$6,800,000 TO PAY PART OF THE COST OF CONSTRUCTING, FURNISHING AND EQUIPPING UNIVERSITY HOUSING FACILITIES: AUTHORIZING THE EXECUTION AND DELIVERY OF A TRUST INDENTURE SECURING SAID BONDS: AND PROVIDING FOR THE SALE, AUTHENTICATION AND DELIVERY OF SAID BONDS.

A-1. WHEREAS, the Board of Trustees of Michigan State University (hereinafter referred to as the "Board"), in the exercise of its constitutional duties relative to the supervision and control of the University, has heretofore determined the necessity, because of the rapid and continuing increase in enrollment of students at the University, to construct, furnish and equip the following briefly described housing facilities on the campus of Michigan State University at East Lansing, Michigan, to wit:

1. Two Hundred Twenty-eight (228) apartments for married students, consisting of one hundred fourteen (114) one bedroom units and one hundred fourteen (114) two bedroom units, designated as Spartan Village, Group 4, and forming an addition to the previously existing Spartan Village Apartments, and
2. A residence hall for approximately one thousand two hundred thirty-two (1,232) single students, known as Holden Hall,

which housing facilities have been completed and are and have been in operation on the campus of Michigan State University; and

A-2. WHEREAS, said housing facilities were constructed in part with moneys temporarily borrowed for such purposes, or advanced on a temporary basis from other funds of the University; and

A-3. WHEREAS, to pay a portion of the costs of said housing facilities, including payment in full of a construction loan owing to the National Bank of Detroit and to repay to the Board funds advanced by it to pay part of the cost of the foregoing, and retiring outstanding bonds designated as Michigan State College of Agriculture and Applied Science Apartment Buildings Revenue Bonds, dated as of May 1, 1954, the Board proposes to issue revenue bonds in the aggregate principal amount of Six Million Eight Hundred Thousand (\$6,800,000) Dollars secured by the net revenues of certain specified housing facilities of the University hereinafter referred to, all in accordance with the terms and provisions set forth and outlines in an official statement prepared and submitted to this Board, a copy of which is filed in the office of the Secretary to the Board, and included herein by reference; and

A-4. WHEREAS, a Trust Indenture between the Board, as Obligor, and Ann Arbor Trust Company, of Ann Arbor, Michigan, as Trustee, has been prepared and filed with the Board, which Trust Indenture contains the necessary covenants, agreements and security provisions to provide the maximum security for said revenue bonds;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY:

1. That in the exercise of its constitutional duties, the necessity to acquire the housing projects specified in paragraph A-1 of the preamble hereof, is hereby reaffirmed and determined.

2. To pay part of the cost of constructing, furnishing and equipping said housing facilities specified in paragraph A-1 of the preamble hereto, to retire the outstanding bonds, to pay the balance owing on the construction loan referred to in paragraph A-3 of the preamble hereto, and to repay the advances made by the Board referred to in paragraph A-2 of the preamble hereto, the Board shall borrow the sum of \$6,800,000.00 and in evidence thereof issue and sell Michigan State University Housing Revenue Bonds of 1971, which said bonds to be issued shall all be equally and ratably secured as provided in the official statement and Trust Indenture hereinafter approved.

3. The bonds herein authorized shall be dated as of March 15, 1971, shall be coupon bonds payable to bearer of the denomination of \$5,00,000 each, registrable as to principal only, numbered 1 to 1360, inclusive, and shall mature serially on March 15th of each year and bearing interest as follows:

<u>Year</u>	<u>Principal Amount</u>	<u>Interest Rate</u>	<u>Year</u>	<u>Principal Amount</u>	<u>Interest Rate</u>
1972	\$225,000	7.50%	1981	\$380,000	5.50%
1973	245,000	7.50%	1982	400,000	5.50%
1974	255,000	7.50%	1983	425,000	5.60%
1975	270,000	7.50%	1984	445,000	5.80%
1976	285,000	7.50%	1985	475,000	6.00%
1977	305,000	7.50%	1986	500,000	6.10%
1978	320,000	7.50%	1987	530,000	6.20%
1979	340,000	5.75%	1988	560,000	6.25%
1980	355,000	5.50%	1989	485,000	5.00%

Interest on said bonds shall be payable September 15, 1971, and semi-annually thereafter on March 15th and September 15th of each year, both principal and interest to be payable in lawful money of the United States of America at Ann Arbor Trust Company, Ann Arbor, Michigan.

10. Resolution re \$6,800,000 Housing Revenue Bonds, continuedResolution re
\$6,800,000
bond issue,
continued

Certain of said bonds shall be subject to redemption prior to their stated maturities at the times, upon notice, and under the conditions as specified in the official statement and Trust Indenture hereinafter approved.

4. That said bonds shall be secured and payable, and have a first lien on the Net Income of:

- (a) the existing student housing facility known as the Brody Dormitory Group and related dining center, which has a rated capacity of 2,748 students;
- (b) one hundred eight (108) existing student apartments, known as University Village Apartments, ninety-two (92) being one bedroom units and sixteen (16) two bedroom units; and
- (c) the two hundred twenty-eight (228) student apartments known as Spartan Village Apartments, Group No. 4, one hundred fourteen (114) being one bedroom units and one hundred fourteen (114) being two bedroom units;

all in accordance with the agreements, covenants and provisions set forth in the Trust Indenture hereinafter referred to and approved.

5. That the official statement duly filed with this Board, setting forth complete information relating to this issue, the purpose thereof, financial information and data, and other details relating to the bond issue, is hereby approved and adopted, a copy of which is attached to this resolution and made a part thereof by reference.

6. That the Trust Indenture between the Board and Ann Arbor Trust Company, of Ann Arbor, Michigan, as Trustee, governing the terms, conditions, covenants, agreements and provisions relative to the issuance and security of said bonds, and the expenditure of the proceeds of sale thereof, duly filed with this Board, a copy of which is filed in the Secretary's Office and made a part hereof by reference, is hereby approved, and that any two of the following officers: the President of Michigan State University, the Vice President for Business and Finance of Michigan State University, and the Secretary of the Board, be and they are hereby, authorized, empowered and directed, in the name of and under the seal of this Board, to execute said Trust Indenture for and in its behalf.

7. That the Board shall, as long as any of the bonds authorized and issued pursuant to the provisions of this resolution and the Trust Indenture remain outstanding and unpaid, as to either principal or interest, keep the residence hall and dining facility known as Brody Dormitory Group and related dining facility, in continuous operation, except during the summer term when it may be closed if such closing will not jeopardize the payment of the bonds or the interest thereon in accordance with the terms, covenants and provisions of the Trust Indenture, and will keep the student apartments known as University Village Apartments and Spartan Village Apartments, Group No. 4, in operation on an annual basis, and shall adopt such reasonable rules, regulations and requirements relative to the residence of students attending Michigan State University as shall be necessary to assure maximum occupancy of said facilities during such periods. The Board shall charge and collect from the students residing in said facilities sufficient rental charges, board charges and other service charges to meet the obligations of the Board as set forth in the Trust Indenture and in the bonds issued thereunder.

8. That any two of the following officers: the President of Michigan State University, the Vice President for Business and Finance of Michigan State University, and the Secretary of the Board, be, and they are hereby, authorized, empowered and directed, in the name of and under the seal of this Board, and as its corporate act and deed, to execute, sign and countersign the bonds herein authorized, in the manner prescribed in the aforementioned Trust Indenture, and to facilitate the same are authorized to use their initials in lieu of their first names; and the coupons appertaining to said coupon bonds shall be executed by the facsimile signature of the Vice-President for Business and Finance of Michigan State University; and said officers are hereby authorized to pledge and assign the Net Income to be derived from the operation of the housing facilities known as the Brody Dormitory Group and related dining facilities, the University Village Apartments, and Spartan Village Apartments, Group No. 4, as hereinbefore specified, for the purpose of securing and making all payments of principal, interest and reserves and other payments and expenditures provided for in said Trust Indenture, and to perform all acts and deeds and execute all instruments and documents necessary, expedient and proper in connection with the borrowing of said Six Million Eight Hundred Thousand (\$6,800,000.00) Dollars, the issuance and sale of Michigan State University Housing Revenue Bonds of 1971, and the pledging and assigning of the income and revenues, as defined in the Trust Indenture.

9. That said officers be, and they are hereby, authorized, empowered, and directed, for and in the name of this Board and as its corporate act and deed, to make, consent to and agree to any changes in the terms and conditions of said Trust Indenture which they may deem necessary, expedient and proper, prior to or at the time of the execution of said Trust Indenture, but no such amendments shall change the provisions therein for the amount to be borrowed, the rate of interest to be paid thereon, the payments to be made to the Trustee or the security pledged.

Resolution re
\$6,800,000
bond issue,
continued

10. Resolution re \$6,800,000 Housing Revenue Bonds, continued

10. That said officers, either in said Trust Indenture or by the issuance of said Michigan State University Housing Revenue Bonds of 1971, shall not pledge the credit of or create any liability on the part of the State of Michigan, the Board of Trustees of Michigan State University, or any member or officer of the Board or any of their successors, other than to pledge the income and to comply with the requirements therefor as specified in this resolution and in the Trust Indenture.

11. That all officers, agents, administrative personnel, and employees of the Board and the University are hereby authorized and directed to do all acts and things required of them by the provisions of the bonds and of the Trust Indenture, for the full, punctual and complete performance of all the terms, covenants and provisions and agreements of the bonds and the Trust Indenture.

12. That the bonds herein authorized shall be executed in the form and manner hereinbefore provided and shall be deposited with the Trustee for authentication and delivery in accordance with the requirements of the Trust Indenture.

13. That the bonds herein authorized shall be delivered to the purchaser or purchasers thereof in accordance with commitments submitted to this Board by Ann Arbor Trust Company.

14. That Ann Arbor Trust Company of Ann Arbor, Michigan, be and hereby is appointed to act as Trustee under the Trust Indenture, and said Trustee shall be entitled to such estates, powers, rights, authorities, benefits, privileges, immunities and exemptions as are set forth in the Trust Indenture.

Articles of
State News
reviewed by
Attorney Carr

11. The University attorney reviewed the content of the Articles of the State News filed with the corporation division of the State of Michigan; the meeting of the Board of Directors commencing business of corporation effective July 1, 1971; and the particular competence of the individual members of the Board.

Paul J. Hiniker
case discussed

12. The President reviewed the contents of a letter from Attorney Charles R. MacLean regarding one-year extension of the teaching contract of Paul J. Hiniker. Following discussion, it was the consensus of the Trustees that Professor Hiniker had been properly advised that he did not qualify for contract extension.

Honorary Degrees
December 1971
commencement

13. President Wharton made the following nominations for the Honorary Degrees to be awarded at the December 1971 commencement:

Neil W. Stuart - Alumnus
J. Kenneth Galbraith - Economist and Public Figure
Sir Eric Ashby - Scientist and Public Figure

The President also indicated that he was recommending that John Kenneth Galbraith be the commencement speaker.

On motion by Trustee Stevens, seconded by Trustee Huff, it was unanimously voted to approve the above recommendations.

Adjourned.

MINUTES OF THE MEETING
of the
BOARD OF TRUSTEES
September 9, 1971

Present: Trustees Carrigan, Hartman, Huff, Martin, Merriman, Stevens, Thompson, and White; President Wharton, Executive Vice President and Secretary Breslin, Provost Cantlon, Vice President Wilkinson, Attorney Carr, Vice Presidents Muelder, Perrin, Assistant to the President Ballard.

Absent: No one.

The Board convened in the Board Room at 4:18 p.m. - President Wharton presiding.

Motion was made by Trustee Carrigan, seconded by Trustee Merriman, to approve the minutes of the July 16, 1971 meeting. Unanimously carried.

SPECIAL MISCELLANEOUS

Public discus-
sion of report
of Commission
on Admissions
not approved

1. Motion was made by Trustee Huff, seconded by Trustee White, to include in the agenda for the Trustees Retreat scheduled for Friday, September 10, a public discussion of the report of the Commission on Admissions. Motion was defeated by a vote of 2 to 6, Trustees Huff and White voting "Yes." *

2. Motion was made by Trustee Merriman, seconded by Trustee Martin, to approve the Finance Committee minutes on the preceding pages. Unanimously carried.

*At the October 15, 1971 Board meeting Trustee Carrigan asked that the record be changed to show that she did not vote on this motion. The vote, therefore, was 2 "Yes," 5 "No," and 1 abstention.

A. PERSONNEL CHANGES

September 9, 1971

Resignations and Terminations

Resignations

1. Mary E. Kerr, Extension Home Economist, Tuscola, Huron, and Sanilac Counties, effective September 23, 1971, to enter MSU Graduate School.
2. James W. McPherson, Extension 4-H Youth Agent, Oakland and Wayne Counties, effective August 31, 1971, to accept a position in business.
3. Marilyn S. Peterson, Extension Home Economist, Van Buren, Cass, and Berrien Counties, effective October 15, 1971, for maternity reasons.
4. Samuel J. Woods, Extension Agricultural Agent, Bay County, effective August 31, 1971, to pursue Ph.D. program at Purdue University.
5. Glen Weston Probst, Assistant Professor of Romance Languages, effective August 31, 1971, to accept a position at Montana State University, Bozeman, Montana.
6. Richard A. Levering, Assistant Professor of Theatre, effective August 31, 1971, to accept a position at San Jose State College.
7. Philip N. Frank, Jr., Instructor in Advertising, effective August 31, 1971, to accept a position in private industry.
8. David J. Beatty, Instructor in Communication, effective July 31, 1971, to accept a teaching position in Montreal.
9. Cancellation of appointment of Patricia S. Putz, Instructor in School for Advanced Studies in Education, effective September 1, 1971 through August 31, 1972. She has accepted a position in the College of Agriculture and Natural Resources.
10. Patricia S. Putz, Instructor in School for Advanced Studies in Education, effective July 31, 1971.
11. Cancellation of appointment of Terrill P. Taylor as Instructor in Education, effective September 1, 1971.
12. Harley G. Roth, Assistant Professor of Elementary and Special Education, effective August 31, 1971, to accept a position at Virginia Polytechnic Institute and State University.
13. Brian R. Enos, Instructor and Assistant to the Dean of Engineering, effective August 31, 1971, to accept a position at DePauw University, Green Castle, Indiana.
14. Marylyn Donaldson, Specialist in the Computer Laboratory, effective August 31, 1971, because her husband has completed his degree.
15. Fred J. White, Instructor in Medical Technology, College of Human Medicine and College of Veterinary Medicine, effective August 31, 1971, to accept a position at Kellogg Community College, Battle Creek, Michigan.
16. R. Ross Getty, Research Associate, Chemistry, effective August 31, 1971, to accept a position as Assistant Professor in Department of Chemistry for 1971-72.
17. Walter J. Kasowski, Research Associate in Chemistry, effective August 31, 1971, to accept a position at University of Sherbrooke, Quebec.
18. Richard S. Nicholson, Associate Professor of Chemistry, effective August 31, 1971, to accept a position with the National Science Foundation.
19. Rolf Saalfrank, Research Associate in Chemistry, effective July 31, 1971, to return to Germany.
20. Kent J. Voorhees, Research Associate in Chemistry, effective July 24, 1971, to accept a position at University of Utah.
21. Shyam Pyari Koul, Research Associate in Entomology, effective July 31, 1971, for maternity reasons.
22. Evan Randall Minnich, Research Associate in Entomology, effective August 31, 1971, to accept a position at Lake Michigan College, Benton Harbor, Michigan.
23. Frank C. Hoppensteadt, Associate Professor of Mathematics, effective August 31, 1971, to accept a position at New York University.
24. Kenneth D. Johnson, Research Associate in MSU/AEC Plant Research Laboratory, effective August 31, 1971, to accept a position in Department of Biology, University of California, San Diego.
25. James Curtis Melville, Research Associate in MSU/AEC Plant Research Laboratory, effective September 15, 1971, to accept a position at Utah and Idaho Sugar Company, Moses Lake, Washington.
26. Mary J. Keenan, Assistant Professor in the School of Nursing, effective August 31, 1971, to accept a position at Toledo University.

A. PERSONNEL CHANGES, continued

September 9, 1971

Resignations

Resignations and Terminations, continued

27. Lawrence D. Schmitz, Instructor in Science and Mathematics Teaching Center and Secondary Education and Curriculum, effective July 31, 1971, to accept a position in California.
28. Douglas A. Sargent, Professor of Osteopathic Medicine, effective August 31, 1971, to return to full time practice.
29. Edward Azar, Assistant Professor of Political Science and Computer Institute for Social Science Research, effective August 31, 1971, to accept a position at University of North Carolina at Chapel Hill.
30. David V. J. Bell, Assistant Professor of Political Science, effective August 31, 1971, to accept a position at York University, Toronto, Ontario, Canada.
31. John N. Collins, Assistant Professor of Political Science, effective August 31, 1971, to serve as an American Society for Public Administration Fellow at the Department of Health, Education, and Welfare.
32. Fred K. Hoehler, Jr., Professor and Associate Director in the School of Labor and Industrial Relations, effective August 31, 1971, to accept a position as Executive Director of the AFL-CIO Labor Studies Center in Washington, D.C.
33. Shirley Jean Taylor, Associate Professor of Social Work, effective August 31, 1971, to accept an appointment at Kent State University.
34. Bertram G. Murray, Assistant Professor of Natural Science, effective August 31, 1971.
35. Bruce Cohen, Associate Professor of Social Science and Multidisciplinary Major Program, effective August 31, 1971, to be chairman of the Department of Sociology in C. W. Post College of Long Island University.
36. Marjorie Jean Fitch, Librarian in Libraries, effective September 30, 1971, for maternity reasons.
37. Zona K. Loomis, Librarian in Libraries, effective August 31, 1971, to accept a position with the City of Houston, Texas.
38. Helena Zekveld, Librarian in Libraries, effective September 15, 1971, to accept a traineeship in computer librarianship at Washington University.
39. Carl Emile Pickhardt, Assistant Professor in Center for Urban Affairs, effective August 31, 1971, because he is leaving the area.
40. Nolen M. Ellison, Assistant to the President, President's Office, effective August 31, 1971, to accept a position at Metropolitan Junior College District, Kansas City, Missouri.

Sabbatical
LeavesLeaves--Sabbatical

1. William G. Bickert, Associate Professor of Agricultural Engineering, with full pay, effective from January 1, 1972 through June 30, 1972, to travel in Australia and study in East Lansing.
2. Willis A. Wood, Professor and Chairman of Biochemistry, with full pay, effective from October 15, 1971 through April 15, 1972, to study at the University of California, San Diego.
3. Gerhardt Schneider, Associate Professor of Forestry and Fisheries and Wildlife, with full pay, effective from March 1, 1972 through August 31, 1972, to study in western Europe.
4. August A. DeHertogh, Associate Professor of Horticulture, with full pay, effective from May 1, 1972 through November 1, 1972, to study and travel in The Netherlands.
5. Justin L. Kestenbaum, Associate Professor of History, with full pay, effective from January 1, 1972 through March 31, 1972, to study in East Lansing.
6. John Murray, Associate Professor of Journalism, with half pay, effective from September 1, 1972 through August 31, 1973, to study and travel in the United States and Great Britain.
7. Thomas F. Baldwin, Associate Professor of TV and Radio and Communication, with full pay, effective from January 1, 1972 through March 31, 1972, to study in Washington, D.C.
8. John E. Jordan, Professor of Counseling, Personnel Services, and Educational Psychology, with full pay, effective from January 1, 1972 through June 30, 1972, to study and travel in Central America.
9. Charles V. Mange, Professor of Elementary and Special Education, with full pay, effective from July 1, 1972 through December 31, 1972, study at home.

A. PERSONNEL CHANGES, continued

September 9, 1971

Leaves--Sabbatical, continuedSabbatical
Leaves

10. James H. Fisher, Professor of Geology, with half pay, effective from January 1, 1972 through June 30, 1972, to study in Denver Colorado and Urbana, Illinois.
11. George C. Landon, Associate Professor of American Thought and Language, with full pay effective April 1, 1972 through June 30, 1972, to study and travel in Europe.
12. William L. Frantz, Professor of Physiology, with half pay, from September 1, 1971 through August 31, 1972, for study and research at the University of Wisconsin Medical Center and in East Lansing.

Leaves--Health

Health Leaves

1. Shirley C. Hamman, Extension Home Economist, Allegan, Ottawa, and Kent Counties, with full pay, effective July 8, 1971 through September 7, 1971.
2. Richard J. Strong, Extension 4-H Youth Agent, Grand Traverse, Antrim, Benzie, Kalkaska, and Leelanau Counties, with full pay, effective June 28, 1971 through September 15, 1971.
3. Harold L. Dahnke, Professor of Administration and Higher Education and Director of Space Utilization, with full pay, effective August 1, 1971 through October 31, 1971.

Leaves--MilitaryMilitary
Leaves

1. Phillip C. Stotz, Agricultural Mechanization Specialist, Agricultural Engineering, without pay, effective July 1, 1971 through June 30, 1972.
2. Philip Lee Hageman, Animal Husbandry Technician, Animal Husbandry, without pay, effective July 1, 1971 through June 30, 1972.
3. Warren Bredahl, Senior Botany and Plant Pathology Technician, Botany and Plant Pathology, without pay, effective July 1, 1971 through June 30, 1972.
4. Edward Allen Richards, Labor II, Crop and Soil Sciences, without pay, effective July 1, 1971 through June 30, 1972.
5. Richard Allen Bay, Laboratory Technician, Crop and Soil Sciences, without pay, effective July 1, 1971 through June 30, 1972.
6. John E. Nixon, Labor II, Crop and Soil Sciences, without pay, effective July 1, 1971 through June 30, 1972.
7. Patrick G. Siemon, TV Cameraman, Television Broadcasting, without pay, effective July 1, 1971 through June 30, 1972.
8. John W. Pape, Dispatcher, Instructional Media Center, without pay, effective July 1, 1971 through June 30, 1972.
9. Larry E. Prout, Senior Trainee, Instructional Media Center, without pay, effective July 1, 1971 through June 30, 1972.
10. Richard B. Sinclair, Cameraman, Instructional Media Center, without pay, effective July 1, 1971 through June 30, 1972.
11. Rick L. Boyd, Desk Clerk, Protective Services, without pay, effective July 1, 1971 through June 30, 1972.
12. William C. Mays, Public Safety Officer, Protective Services, without pay, effective July 1, 1971 through June 30, 1972.
13. Robert Slayton, Radiation Monitor, Safety Services, without pay, effective July 1, 1971 through June 30, 1972.
14. Charles W. Cooper, Food Supervisor, Mason-Abbot, without pay, effective July 1, 1971 through June 30, 1972.
15. William Dilts, Senior Food Supervisor, Brody, without pay, effective July 1, 1971 through June 30, 1972.
16. Armond Bruce Hagerman, Grill Room Manager, Holmes Hall, without pay, effective July 1, 1971 through June 30, 1972.
17. Miguel Iribarren, Senior Food Supervisor, Hubbard Hall, without pay, effective July 1, 1971 through June 30, 1972.
18. James G. McCutcheon, Food Supervisor, Brody Halls, without pay, effective July 1, 1971 through June 30, 1972.
19. Thomas F. Reek, Senior Food Supervisor, Brody Halls, without pay, effective July 1, 1971 through June 30, 1972.
20. Gerald G. Stoecker, Baker, Shaw Hall, without pay, effective July 1, 1971 through June 30, 1972.

A. PERSONNEL CHANGES, continued

September 9, 1971

Military Leaves, continued

21. Robert J. Thornton, Grill Room Manager, Wilson Hall, without pay, effective July 1, 1971 through June 30, 1972.
22. Donald M. Tierney, Senior Food Supervisor, Wilson Hall, without pay, effective July 1, 1971 through June 30, 1972.
23. Dennis E. Wepfer, Senior Food Supervisor, Wonders Hall, without pay, effective July 1, 1971 through June 30, 1972.
24. George D. Westover, Head Food Supervisor, Kellogg Center, without pay, effective July 1, 1971 through June 30, 1972.
25. Lee Roy Churchill, Janitor, Physical Plant, without pay, effective July 14, 1967 through July 26, 1971.
26. Kerry Dennis Cornell, Janitor, Physical Plant, without pay, effective November 2, 1968 through June 30, 1972.
27. Craig N. Phillips, Janitor Head D, Physical Plant, without pay, effective July 1, 1971 through June 30, 1972.
28. Richard E. Vargo, Engineering Designer, Physical Plant, without pay, effective October 14, 1969 through June 30, 1972.
29. Patrick R. Delmar, Stockman, Stores, without pay, effective July 1, 1971 through June 30, 1972.
30. James D. Fulton, Offset Press Operator, University Printing Service, effective July 1, 1971 through June 30, 1972.
31. Dwayne E. Scheidler, Tabulating Machine Operator, Data Processing, without pay, effective July 1, 1971 through June 30, 1972.
32. Maxie Gordon, Assistant Director, Student Activities, without pay, effective July 1, 1971 through June 30, 1972.

Other Leaves

Leaves--Other

1. M. Charline Hatchett, Extension Consumer Marketing Information Specialist, Cooperative Extension Service, without pay, effective September 1, 1971 through September 6, 1971, for personal reasons.
2. Lawrence W. Witt, Professor, Agricultural Economics, without pay, effective September 8, 1971 through March 31, 1972, to serve as a consultant with AID in Washington, D.C.
3. Robert J. Deans, Associate Professor, Animal Husbandry, without pay, effective August 1, 1971 through July 31, 1972, to participate in livestock development projects in the Caribbean, Asian and African areas.
4. Mason E. Miller, Associate Professor and Director, Institute for Extension Personnel Development, without pay, effective September 6, 1971 through September 24, 1971, to serve in the Office of Information and Training, Ministry of Agriculture, Tune, Denmark.
5. Roland DeMars, Instructor in Romance Languages, without pay, effective September 1, 1971 through December 31, 1971, to complete Peace Corps work in the Virgin Islands.
6. Julia Palacios, Professor of Romance Languages, without pay, effective September 1, 1971 through December 31, 1971, to do research in Spain.
7. Natan I. Katzman, Assistant Professor, Communication, without pay, effective May 1, 1972 through April 30, 1973, to study and travel in England, Israel, Pakistan, Afganistan, India, Soviet Union, and Japan.
8. Gordon A. Sabine, Professor, Communication, without pay, effective September 1, 1971 through August 31, 1972, to work at Illinois State University.
9. Willa Norris, Professor, Counseling, Personnel Services, and Educational Psychology, without pay, effective January 1, 1972 through April 30, 1972, to write.
10. Ronald Lee Kerber, Assistant Professor, Mechanical Engineering, without pay, effective September 1, 1971 through August 31, 1972, to study at the Aerospace Corporation, Los Angeles, California.
11. John Richard Crout, Professor, Pharmacology and Medicine, without pay, effective October 1, 1971 through September 30, 1972, to be Deputy Director of the Bureau of Drugs, Food and Drug Administration, Department of Health, Education and Welfare, Washington, D.C.
12. M. Ashraf El-Bayoumi, Associate Professor, Biophysics, without pay, effective January 1, 1972 through April 30, 1972, to do scientific writing.
13. Irvin E. Vance, Associate Professor, Mathematics, without pay, effective September 1, 1971 through August 31, 1972, to work at New Mexico State University, Las Cruces.

A. PERSONNEL CHANGES, continued

September 9, 1971

Transfers and Changes in AssignmentTransfers and
Changes in
Assignment

1. Transfer Jerry A. Halm, Program Coordinator, Expanded Nutrition Program, from 4-H Youth Programs to Family Living Education effective July 1, 1971. Jerry A. Halm
2. Transfer Lynn R. Harvey from Extension 4-H Youth Agent, Hillsdale, Branch, Calhoun and Jackson Counties, to Extension Manpower Agent, Sanilac County, effective September 1, 1971. Lynn R. Harvey
3. Transfer George T. Mansell from 4-H Youth Agent, Genesee County, to Extension Manpower Agent, Allegan County, effective September 15, 1971. George T. Mansell
4. Transfer B. Alan Snider from 4-H Youth Agent, Kent Allegan, and Ottawa Counties at a salary of \$14,100 per year on a 12-month basis to Program Assistant, 4-H Youth Programs 50% time, at a salary of \$7,050 per year on a 12-month basis, effective September 16, 1971. B. Alan Snider
5. Dual assignment of Kelly M. Harrison, Assistant Professor, to Agricultural Economics and the Dean of International Studies and Programs, effective July 1, 1971 through December 31, 1971. Kelly M. Harrison
6. Change effective date of appointment of Gilbert A. Leveille as Professor and Chairman of Food Science and Human Nutrition from July 1, 1971 to July 19, 1971. Gilbert A. Leveille
7. Dual assignment of Lloyd R. Champion, Professor, to Poultry Science and the Provost's Office, effective July 1, 1971. Lloyd R. Champion
8. Designation of Roger Funk, Associate Professor, as Acting Chairman of the Department of Art, effective September 1, 1971 through June 30, 1972, with an increase in salary to \$14,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972. Roger Funk
9. Dual assignment of Robert Weil, Associate Professor, to Art and the Center for Urban Affairs, effective September 1, 1971 through August 31, 1972. Robert Weil
10. Designation of William J. Brazill, Associate Professor, as Assistant Chairman of History, with a change from a 10-month basis at a salary of \$13,900 per year to a 12-month basis, at a salary of \$18,500 per year, effective September 1, 1971. William J. Brazill
11. Dual assignment of Martin Benjamin, Assistant Professor, to Philosophy and Justin Morrill College, effective September 1, 1971 through August 31, 1972. Martin Benjamin
12. Change for Eugene Gray, Associate Professor and Acting Chairman of Romance Languages, from a 10-month basis at a salary of \$13,700 per year to a 12-month basis at a salary of \$18,300 per year, effective September 1, 1971 through August 31, 1972. Eugene Gray
13. Change of assignment for Hideya Kumata from Professor of Communication and Director of the International Communication Institute, to Professor of Communication, only, effective July 1, 1971. Hideya Kumata
14. Change Daniel H. Williams, Instructor, Elementary and Special Education, from 60% time at a salary of \$7,000 per year to 67% time at a salary of \$6,000 per year, effective September 1, 1971 through August 31, 1972. Daniel H. Williams
15. Change Howard W. Hickey, Associate Professor, Administration and Higher Education, and Elementary and Special Education and Director, Mott Institute for Community Improvement, from a 10-month basis at a salary of \$17,000 per year to a 12-month basis at a salary of \$21,250 per year, effective September 1, 1971. Howard W. Hickey
16. Transfer Leslie J. Keith, Specialist, from Engineering Research to Dean of Engineering, effective July 1, 1971. Leslie J. Keith
17. Dual assignment of Ronald C. Rosenberg, Associate Professor, to Mechanical Engineering and Dean of Engineering, effective September 1, 1971. Ronald C. Rosenberg
18. Designation of Robert R. Rice, Professor and Chairman of Human Environment and Design, as Acting Dean of the College of Human Ecology, with an increase in salary to \$24,100 per year on a 12-month basis (the salary increase to be effective until a new Dean is selected), effective September 1, 1971. Robert R. Rice
19. Change Barbara L. Amundsen, Instructor, Dean of Human Ecology and Human Environment and Design, from a 10-month basis at a salary of \$10,000 per year to a 12-month basis at a salary of \$12,500 per year, effective September 1, 1971 through August 31, 1972. Barbara L. Amundsen
20. Change Helen E. Griffiths, Instructor, Family and Child Sciences, from 50% time at a salary of \$682.50 for the period June 28, 1971 through July 30, 1971, to 100% time at a salary of \$1,365.00 for the period June 28, 1971 through July 30, 1971. Helen E. Griffiths
21. Add assignment to Dean of Human Medicine for Morton E. Weichsel, Jr., Assistant Professor of Human Development, Medicine, and Psychiatry, effective July 1, 1971. Morton E. Weichsel, Jr.
22. Dual assignment of Sumer D. Verma, Assistant Professor, to Psychiatry and MSU Health Center, effective July 1, 1971. Sumer D. Verma
23. Dual assignment of Frederick H. Horne, Associate Professor, to Chemistry and Briggs College, effective September 1, 1971 through August 31, 1972. Frederick H. Horne

A. PERSONNEL CHANGES, continued

September 9, 1971

Transfers and Changes in Assignment, continued

- Transfers and Changes in Assignment
Bernice Z. Wallace
24. Change Bernice Z. Wallace, Librarian, Chemistry, from 50% time at a salary of \$5,400 per year on a 12-month basis, to 100% time at a salary of \$8,100 per year on a 10-month basis, effective September 1, 1971.
- Carl L. Foiles
25. Dual assignment of Carl L. Foiles, Associate Professor, to Physics and Briggs College, effective September 1, 1971 through August 31, 1973.
- Robert H. Wasserman
26. Change dates of leave with half pay for Robert H. Wasserman, Professor, Mathematics, from September 1, 1971 through February 29, 1972, to September 1, 1971 through December 31, 1971.
- Paul M. Parker
27. Dual assignment of Paul M. Parker, Professor, to Physics and Briggs College, effective September 1, 1971 through August 31, 1972.
- Richard Schlegel
28. Dual assignment of Richard Schlegel, Professor, to Physics and Briggs College, effective September 1, 1971 through August 31, 1972.
- Peter A. Schroeder
29. Dual assignment of Peter A. Schroeder, Professor, to Physics and Briggs College, effective September 1, 1971 through August 31, 1973.
- Bernice Christian
30. Change beginning date of appointment of Bernice Christian as Instructor in the School of Nursing from September 1, 1971 to July 1, 1971 and change from a for the period to a 12-months basis, effective July 1, 1971 through June 30, 1972.
- Lawrence D. Schmitz
31. Change Lawrence D. Schmitz, Instructor, Science and Mathematics Teaching Center and Secondary Education and Curriculum, from a 10-month to a 12-month basis, effective September 1, 1970 through August 31, 1971.
- John L. Taylor
32. Additional assignment as Associate Professor of Medical Education Research and Development for John L. Taylor, Associate Professor and Assistant Dean for Student Affairs and Admissions, College of Osteopathic Medicine, effective September 1, 1971 through June 30, 1972.
- Martin P. Gallagher
33. Change beginning date of appointment of Martin P. Gallagher as Professor of Family and Community Medicine from July 1, 1971 to September 1, 1971.
- Paul Abramson
34. Dual assignment of Paul Abramson, Associate Professor, to Political Science and the Computer Institute for Social Science Research, effective September 1, 1971 through August 31, 1972.
- Ada Finifter
35. Dual assignment of Ada Finifter, Assistant Professor, to Political Science and the Computer Institute for Social Science Research, effective September 1, 1971 through August 31, 1972.
- Carolyn Stieber
36. Change for Carolyn Stieber, Assistant Professor, Political Science, from leave with no pay to sabbatical leave with full pay, effective September 1, 1971 through December 31, 1971.
- Charles Hoffer
37. Payment of \$5,000 plus retirement pay, effective September 1, 1971 through June 30, 1972, for Charles Hoffer, Professor Emeritus, Sociology.
- William L. Downes, Jr.
38. Change termination date of William L. Downes, Jr. as Assistant Professor of Natural Science from August 31, 1971 to August 31, 1972.
- Roy H. McFall
39. Dual assignment of Roy H. McFall as Assistant Professor, Natural Science, and Director, Residence Instruction, Brody Hall, with a change from a salary of \$11,900 per year on a 10-month basis to a salary of \$14,850 per year on a 12-month basis, effective September 1, 1971.
- Barry N. Stein
40. Dual assignment of Barry N. Stein as Assistant Professor, Social Science, and Assistant Executive Director-Program, Midwest Universities Consortium for International Activities, Inc., with a change from a 10-month basis at a salary of \$12,200 per year to a 12-month basis at a salary of \$15,250 per year, effective September 1, 1971 through August 31, 1972.
- Hiram Kitchen
41. Additional title of Assistant Director, Center for Laboratory Animal Resources, for Hiram Kitchen, Associate Professor, Center for Laboratory Animal Resources and Biochemistry, effective July 1, 1971.
- Paul L. Moore
42. Payment of \$6,000 plus retirement pay, effective October 1, 1971 through April 30, 1972, for Paul L. Moore, Associate Professor Emeritus, Continuing Education Service.
- Donald L. Smith
43. Transfer Donald L. Smith, Assistant Professor, from the Highway Traffic Safety Center to Continuing Education, College of Education, and Psychology, effective June 15, 1971 through September 30, 1972.
- Stuart B. Mead
44. Payment of \$6,800 plus retirement pay, effective July 1, 1971 through June 30, 1972, for Stuart B. Mead, Professor Emeritus, Institute for Community Development and Continuing Education Service.
- Joseph Patterson
- 44a. Change beginning date of appointment of Joseph Patterson as Professor of Community and Family Medicine from September 1, 1971 to December 1, 1971.

A. PERSONNEL CHANGES, continued

September 9, 1971

Transfers and Changes in Assignment, continuedTransfers and
Changes in
Assignment

45. Dual assignment of Kenneth Verburg, Assistant Professor, to the Institute for Community Development and Political Science, effective January 1, 1972 through March 31, 1972. Kenneth Verburg
46. Change for Elena P. Miller, Librarian in the Libraries, from 100% time at a salary of \$8,900 per year to 50% time at a salary of \$4,450 per year on a 12-month basis, effective August 1, 1971. Elena P. Miller
47. Additional title of Research Assistant to Director for Mary Ellen Furseth, Specialist, Center for Urban Affairs, with a change from 75% time at a salary of \$7,500 per year to 100% time at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1971. Mary Ellen Furseth
48. Change Richard W. Thomas, Instructor, Center for Urban Affairs, from 100% time at a salary of \$8,950 per year to 50% time at a salary of \$4,475 per year on a 12-month basis, effective October 1, 1971 through December 31, 1971. Richard W. Thomas
49. Change Allan J. Abedor from Specialist, Instructional Development Service, to Assistant Professor and Assistant Director, Educational Development Service, and Assistant Professor, Secondary Education and Curriculum, with an increase in salary to \$16,000 per year on a 12-month basis, effective July 1, 1971. Allan J. Abedor
50. Change of assignment for Herbert E. Coolidge, Assistant Professor, from Institutional Research and Office of Institute Programs, to Institutional Research only, effective July 1, 1971. Herbert E. Coolidge
51. Payment of \$10,000 in addition to retirement pay for William H. Combs, Assistant Dean for Continuing Education, College of Arts and Letters and Continuing Education, and Director of Archives, Provost's Office and Executive Vice President and Secretary, effective July 1, 1971 through June 30, 1972. William H. Combs
52. Assignment of Carl K. Eicher, Professor of Agricultural Economics, to the Ghana Project at a salary of \$19,200 per year on a 12-month basis, effective August 14, 1971 through August 29, 1971. Carl K. Eicher
53. Assignment of Alvin J. M. Smucker, Assistant Professor of Crop and Soil Sciences, to MSU/AID Castelar, Argentina Project, at a overseas salary of \$15,950 per year on a 12-month basis, effective August 1, 1971 through June 30, 1972. Alvin J. M. Smucker
54. Continuation of assignment of Kirkpatrick Lawton, Professor, Institute of International Agriculture, as Project Coordinator of the Indonesia Project at an overseas salary of \$25,730 per year on a 12-month basis, effective December 15, 1971 through June 30, 1973. Kirkpatrick Lawton
55. Continuation of assignment of Irving R. Wyeth, Associate Professor, as Director of the Institute of International Agriculture, effective December 15, 1971 through June 30, 1973. Irving R. Wyeth
56. Assignment of Thomas J. Manetsch, Associate Professor, Electrical Engineering and Systems Science, to the Korea Project at an overseas salary of \$18,700 per year on a 10-month basis, effective September 1, 1971 through June 30, 1972. Thomas J. Manetsch
57. Assignment of Ethelbert C. Martin, Professor, Entomology, to MUCIA, Indonesia Project, at an overseas salary of \$21,120 per year on a 12-month basis, effective September 15, 1971 through December 31, 1971. Ethelbert C. Martin
58. Change beginning date of appointment of Gloria S. Smith as Assistant Professor, Counseling Center, from July 16, 1971 to July 1, 1971. Gloria S. Smith
59. Transfer Alan D. Anderson from Staff Auditor AP-IV, Internal Audit, to Budget Assistant AP-VI, College of Agriculture and Natural Resources, with an increase in salary to \$13,000 per year, effective July 1, 1971. Alan D. Anderson
60. Transfer Delores C. Reed from Executive Secretary VIII, James Madison College, to Administrative Secretary AP-I, Provost's Office, with an increase in salary to \$8,380 per year, effective September 1, 1971. Dolores C. Reed
61. Transfer Gerald J. Schumaker from Accountant AP-II, Center for Laboratory Animal Resources to Staff Auditor AP-III, Internal Audit, with an increase in salary to \$10,450 per year, effective August 9, 1971. Gerald J. Schumaker
62. Change of status for Harold R. Henderson, Jr. from Corporal II to Sergeant AP-VII, Protective Services, with an increase in salary to \$13,700 per year, effective August 1, 1971. Harold R. Henderson, Jr.
63. Transfer Robert W. Schneider from Assistant Director AP-VI, Placement Bureau, to Director of Special Projects, AP-VIII, Alumni Association, with an increase in salary to \$15,400 per year, effective September 13, 1971. Robert W. Schneider
64. Change Alan C. Coe from Head Resident Adviser, Dean of Students and Residence Halls at a salary of \$400 per month, 50% time, to Assistant Director, AP-III, Dean of Students, Research and Education, 100% time at a salary of \$10,250 per year, effective September 1, 1971. Alan C. Coe

A. PERSONNEL CHANGES, continued

September 9, 1971

Transfers and
Changes in
AssignmentTransfers and Changes in Assignment, continuedLawrence M.
Jarrett

65. Additional assignment of Lawrence M. Jarrett, Staff Physician, MSU Health Center, as Clinical Associate Professor, Family and Community Medicine, effective September 1, 1971 through August 31, 1972.

James M. Tiedje

66. Assignment of James M. Tiedje, Assistant Professor, Crop and Soil Sciences and Microbiology and Public Health, to the MSU/AID Castelar, Argentina Project, at a salary of \$15,400 per year on a 12-month basis, effective October 1, 1971 through October 31, 1971.

Salary
ChangesSalary Changes

1. Change Louis F. Wilson, Assistant Professor, Forestry and Entomology, from no salary to a salary of \$2,500 for the period September 1, 1971 through December 31, 1971.
2. Increase in salary for Myron L. Erickson, Instructor, Business Law and Office Administration, to \$6,000 for the period September 1, 1971 through August 31, 1972.
3. Decrease in salary for Dale A. Vorderlandwehr, Instructor, Economics, to \$12,800 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
4. Decrease in salary for Henrietta L. Barnes, Instructor, Teacher Education, to \$9,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
5. Decrease in salary for Charles W. Given, Assistant Professor, Health Services Education and Research, to \$12,700 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
6. Decrease in salary for James G. Lyon, Assistant Professor, Health Services Education and Research, and Project Director, Regional Medical Programs, to \$17,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
7. Increase in salary for Fred H. Watson, Jr., Research Associate, Biophysics, to \$800 per month, effective July 1, 1971 through July 31, 1971.
8. Decrease in salary for Zdzislav R. Piskornik, Research Associate, Botany and Plant Pathology, to \$7,200 per year on a 12-month basis, effective August 16, 1971 through August 15, 1972.
9. Decrease in salary for Bang-yen Chen, Research Associate in Mathematics, to \$10,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
10. Decrease in salary for Shui-Nee Chow, Research Associate in Mathematics, to \$10,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
11. Decrease in salary for David M. Foster, Research Associate in Mathematics, to \$10,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
12. Decrease in salary for Edwin W. Kaufman, Assistant Professor, Mathematics, to \$10,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
13. Decrease in salary for Gerald McCollum, Assistant Professor, Mathematics, to \$11,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
14. Decrease in salary for Arunas Rudvalis, Research Associate, Mathematics, to \$10,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
15. Decrease in salary for Steven Takiff, Research Associate, Mathematics, to \$10,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
16. Decrease in salary for Joseph Zaks, Assistant Professor, Mathematics, to \$11,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
17. Decrease in salary for Joy Hilleary Curtis, Instructor, Nursing, to \$6,800 for the period September 1, 1971 through May 31, 1972.
18. Increase in salary for Charles Keith Groty, Assistant Professor and Acting Director, Labor and Industrial Relations, to \$17,700 per year on a 12-month basis, effective July 1, 1971 through December 31, 1971.
19. Decrease in salary for Harold H. Haller, Instructor, Social Science, to \$7,920 for the period September 16, 1971 through June 30, 1972.
20. Correction in salary of Ernestine Snead, Librarian, Libraries, to \$8,500 per year on a 12-month basis, effective September 1, 1971.
21. Decrease in salary for Carol A. Harding, Assistant Professor, Intramural Sports and Recreation Services and Intercollegiate Athletics, to \$12,250 per year on a 12-month basis, effective September 1, 1971.

A. PERSONNEL CHANGES, continued

September 9, 1971

Salary Changes, continuedSalary
Changes

22. Decrease in salary for Russell L. Rivet, Assistant Professor and Associate Director, Intramural Sports and Recreation Services and Intercollegiate Athletics, to \$13,250 per year on a 12-month basis, effective September 1, 1971.
23. Decrease in salary for Lawrence Sierra, Assistant Professor and Associate Director, Intramural Sports and Recreation Services, and Intercollegiate Athletics, to \$13,250 per year on a 12-month basis, effective September 1, 1971.
24. Decrease in salary for Anne M. Ousterhout, Instructor, American Thought and Language, to \$9,475 per year on a 10-month basis, effective September 1, 1971.

Academic PromotionsAcademic
Promotions

1. Change of title from Instructor to Assistant Professor, for Jay B. Ludwig, effective July 1, 1971.
2. Change of title from Instructor to Assistant Professor, for Peter D. Levine, effective July 1, 1971.
3. Change of title from Instructor to Assistant Professor, for Frank Pino, Jr., effective July 1, 1971.
4. Change of title from Assistant Professor to Associate Professor, for Melvin L. Lacy, effective September 1, 1971.
5. Change of title from Instructor to Assistant Professor for Judson I. Mather, Jr., effective September 1, 1971.

Appointments

Appointments

1. Sigifredo L. Cavazos, Program Leader, 4-H Youth Programs, at a salary of \$13,000 per year on a 12-month basis, effective September 1, 1971.
2. John Leslie Marra, Extension 4-H Youth Agent, Kent, Allegan, and Ottawa Counties, at a salary of \$10,500 per year on a 12-month basis, effective September 15, 1971.
3. Gail L. Imig, Instructor, Program Leader, Family Living Education, 50% time, at a salary of \$6,760 per year on a 12-month basis, effective September 16, 1971 through June 30, 1972.
4. Collette Helen Moser, Assistant Professor, Agricultural Economics, at a salary of \$16,500 per year on a 12-month basis, effective September 1, 1971.
5. David Lynn Smith, Instructor, Agricultural Economics, at a salary of \$11,000 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
6. Dwight F. Kampe, Instructor, Agricultural Engineering, at a salary of \$7,400 for the period September 15, 1971 through March 15, 1972.
7. Fred V. Nurnberger, Instructor, Agricultural Engineering, at a salary of \$10,600 per year on a 12-month basis, effective September 15, 1971 through June 30, 1972.
8. Hie Ping Beall, Research Associate, Biochemistry, at a salary of \$8,500 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
9. Michael J. Dalling, Research Associate, Biochemistry, at a salary of \$725 per month, effective September 1, 1971 through December 20, 1971.
10. Harvey Robert Knull, Research Associate, Biochemistry, at a salary of \$8,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
11. Richard Elton Palmer, Postdoctoral Fellow, Biochemistry, at a salary of \$6,000 per year, effective July 1, 1971 through December 31, 1971.
12. Kenneth Wayne Linville, Instructor, Crop and Soil Sciences, at a salary of \$6,400 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
13. Alvin J. M. Smucker, Assistant Professor, Crop and Soil Sciences, at a salary of \$14,500 per year on a 12-month basis, effective July 1, 1971.
14. Dhirajlal D. Makdani, Research Associate, Dairy Science, at a salary of \$5,000 for the period July 1, 1971 through January 31, 1972.
15. Richard Allen Cole, Research Associate, Fisheries and Wildlife and Institute of Water Research, at a salary of \$11,500 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
16. David I. Johnson, Instructor, Fisheries and Wildlife, 15% time, without pay, effective June 16, 1971 through September 15, 1971.
17. Bela Kalman, Research Associate, Food Science and Human Nutrition, without pay, on a 12-month basis, effective October 5, 1971 through October 4, 1972.

A. PERSONNEL CHANGES, continued

September 9, 1971

Appointments

Appointments, continued

18. Kenneth E. Stevenson, Assistant Professor, Food Science and Human Nutrition, at a salary of \$14,500 per year on a 12-month basis, effective September 13, 1971.
19. Amos Blumenfeld, Research Associate, Horticulture, at a salary of \$7,500 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
20. Raphael Goren, Visiting Associate Professor, Horticulture, at a salary of \$8,500 per year on a 12-month basis, effective August 9, 1971 through August 8, 1972.
21. Lionel B. Lowe, Research Associate, Horticulture, at a salary of \$8,000 per year on a 12-month basis, effective August 24, 1971 through February 29, 1972.
22. Franco Zucconi, Instructor, Horticulture, at a salary of \$7,200 per year on a 12-month basis, effective September 8, 1971 through September 7, 1972.
23. Rodney L. Malkin, Instructor, Art, at a salary of \$4,500 for the period September 1, 1971 through June 30, 1972, 50% time.
24. Arlene J. Sheer, Assistant Professor, Art, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1971.
25. Martin A. Fido, Visiting Associate Professor, English, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
26. Sandra Frances Berke, Instructor, History, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
27. Vasant S. Khokle, Assistant Professor, Linguistics and Oriental and African Languages and Asian Studies Center, at a salary of \$10,300 per year on a 10-month basis, effective September 1, 1971.
28. Rose Lee Hayden, Instructor, Romance Languages, 34% time at a salary of \$3,900 for the period September 1, 1971 through June 30, 1972.
29. Robert Anthony Bartol, Instructor, Russian and East European Studies Program, 50% time, at a salary of \$4,500 for the period September 1, 1971 through June 30, 1972.
30. Andrew A. Brogowicz, Instructor, Dean of Business, Marketing and Transportation Administration, and Center for Urban Affairs, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
31. Gerald E. St. Amand, Instructor, Dean of Business, at a salary of \$3,000 for the period September 16, 1971 through December 15, 1971.
32. Charles Robert Carlson, Visiting Assistant Professor, Accounting and Financial Administration, at a salary of \$5,000 for the period September 1, 1971 through December 31, 1971.
33. Gale E. Newell, Visiting Associate Professor, Accounting and Financial Administration, at a salary of \$5,700 for the period April 1, 1972 through June 30, 1972.
34. Patrick Joseph Toole, Assistant Professor, Management, at a salary of \$14,500 per year on a 10-month basis, effective September 1, 1971.
35. Patricia P. Bainbridge, Instructor, Audiology and Speech Sciences, at a salary of \$8,333 for the period September 1, 1971 through June 30, 1972.
36. Jean L. Gortzig, Instructor, Audiology and Speech Sciences, at a salary of \$1,950 for the period September 16, 1971 through December 15, 1971.
37. Jeanette I. Manning, Instructor, Audiology and Speech Sciences, at a salary of \$8,050 for the period September 1, 1971 through June 30, 1972.
38. Ellen K. Smitley, Instructor, Audiology and Speech Sciences, at a salary of \$7,083 for the period September 1, 1971 through June 30, 1972.
39. Robert D. H. Sallery, Director, MSU/AID Communication Workshops, Communication, at a salary of \$18,000 per year on a 12-month basis, effective September 15, 1971 through December 31, 1971.
40. Malcolm D. MacLeod, Instructor, Administration and Higher Education, 75% time, at a salary of \$9,590 for the period August 1, 1971 through April 30, 1972.
41. Lois Ann Bader, Assistant Professor, Elementary and Special Education, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
42. Nancy Allan Carlson, Instructor, Elementary and Special Education, at a salary of \$9,000 per year effective September 1, 1971 through September 30, 1971.
43. Arline S. Johns, Instructor, Elementary and Special Education and Mott Institute for Community Improvement, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.

A. PERSONNEL CHANGES, continued

September 9, 1971

Appointments, continued

Appointments

44. Edward M. Liddle, Assistant Professor, Elementary and Special Education, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
45. Lonnie D. McIntyre, Jr., Assistant Professor, Elementary and Special Education, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
46. Berneth N. McKercher, Instructor, Elementary and Special Education, 80% time, at a salary of \$7,800 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
47. Mary Ann McLaughlin, Instructor, Elementary and Special Education, 75% time, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
48. William Edwin Mellon, Instructor, Elementary and Special Education, at a salary of \$13,500 per year on a 12-month basis, effective September 1, 1971 through September 30, 1971.
49. Maxwell James Moore, Instructor, Elementary and Special Education, at a salary of \$11,000 per year on a 12-month basis, effective September 1, 1971 through September 30, 1971.
50. Jacquelyn R. Nickerson, Specialist, Elementary and Special Education and the Mott Institute for Community Improvement, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
51. Mary Spayde, Instructor, Elementary and Special Education, 50% time, at a salary of \$5,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
52. James McVay Van Tassel, Instructor, Elementary and Special Education, at a salary of \$13,225 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
53. Kathleen White, Instructor, Elementary and Special Education, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
54. Sue Ann Yovanovich, Instructor, Elementary and Special Education, at a salary of \$11,000 per year on a 12-month basis, effective September 1, 1971 through September 30, 1971.
55. Paul G. Vogel, Instructor, Health, Physical Education, and Recreation, at a salary of \$15,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
56. Lorraine T. Furtado, Instructor, Secondary Education and Curriculum, at a salary of \$1,000 per month on a 12-month basis, effective July 1, 1971 through July 31, 1971.
57. Stephen Robert Matt, Instructor, Secondary Education and Curriculum, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1971.
58. Adele Emmer, Instructor, Student Teaching, 50% time, at a salary of \$4,800 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
59. Wilma L. Gillespie, Instructor, Student Teaching, at a salary of \$7,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
60. Laura Miller, Instructor, Student Teaching, 50% time, at a salary of \$4,100 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
61. William J. Price, Instructor, Student Teaching, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
62. Nancy Anne Reed, Instructor, Student Teaching, 50% time, at a salary of \$4,300 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
63. Mary Ann Robinson, Instructor, Student Teaching, 50% time, at a salary of \$3,600 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
64. Irene Ellen Schultz, Instructor, Student Teaching, 50% time, at a salary of \$3,750 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
65. Anne Blanding, Instructor, Teacher Education, 50% time, at a salary of \$3,300 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
66. Betty Jane Cantino, Instructor, Teacher Education, 50% time, at a salary of \$2,900 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.

A. PERSONNEL CHANGES, continued

September 9, 1971

Appointments

Appointments, continued

67. Elizabeth Rogers Cobb, Instructor, Teacher Education, 50% time, at a salary of \$3,300 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
68. Daniel Varnum Collins, Instructor, Teacher Education, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
69. Louise D'Amelio, Instructor, Teacher Education, 50% time, at a salary of \$3,300 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
70. Virginia M. Follette, Instructor, Teacher Education, 50% time, at a salary of \$3,100 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
71. Patricia Jean Linton, Instructor, Teacher Education, 50% time, at a salary of \$3,300 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
72. John Edward Lopis, Instructor, Teacher Education, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
73. Ruth Evelyn Martin, Instructor, Teacher Education, 50% time, at a salary of \$2,900 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
74. Jane Elizabeth Payne, Instructor, Teacher Education, 50% time, at a salary of \$2,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
75. Kathryn Sue Smith, Instructor, Teacher Education, 50% time, at a salary of \$2,700 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
76. Marian O. Tesar, Instructor, Teacher Education, 50% time, at a salary of \$2,700 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
77. Marcia Louise Thomas, Instructor, Teacher Education, 50% time, at a salary of \$2,900 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
78. Caroline Wainright, Instructor, Teacher Education, 50% time, at a salary of \$3,100 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
79. David H. Dean, Assistant Professor and Assistant Director, Mott Institute for Community Improvement, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
80. Carolyn L. Farquhar, Instructor, Mott Institute for Community Improvement, at a salary of \$10,667 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
81. C. William Hoffman, Instructor/Coordinator of Level II Program, Mott Institute for Community Improvement, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
82. Bettye L. Jennings, Assistant Professor and Director of Early Elementary Education Project, Mott Institute for Community Improvement, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
83. Elmer E. McFadden, Instructor, Mott Institute for Community Improvement, at a salary of \$9,500 for the period August 1, 1971 through May 31, 1972.
84. Jeffrey Moss, Instructor, Mott Institute for Community Improvement, at a salary of \$9,500 for the period August 1, 1971 through May 31, 1972.
85. Arnold N. Munoz, Instructor, Mott Institute for Community Improvement, 60% time, at a salary of \$6,000 for the period August 1, 1971 through May 31, 1972.
86. Elaine Weber, Instructor, Mott Institute for Community Improvement, at a salary of \$12,620 on a 10-month basis, effective September 1, 1971 through August 31, 1972.
87. Lloyd J. Alvarado, Research Associate, Engineering Research, at a salary of \$833.33 per month on a 12-month basis, effective September 1, 1971 through June 15, 1972.
88. Peter C. Fraleigh, Research Associate, Engineering Research and Zoology, at a salary of \$9,500 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
89. Duane G. Leet, Research Associate, Engineering Research and Electrical Engineering and Systems Science, at a salary of \$791.66 per month on a 12-month basis, effective September 1, 1971 through June 30, 1972.
90. Larry S. Murphy, Consultant, Engineering Research, at a salary of \$1,000 per month effective July 1, 1971 through July 31, 1971.
91. Geoffrey W. Gates, Instructor, Computer Science, Lyman Briggs and Engineering, at a salary of \$8,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.

A. PERSONNEL CHANGES, continued

September 9, 1971

Appointments, continued

Appointments

92. Eric D. Goodman, Instructor, Electrical Engineering and Systems Science, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
93. Patricia A. Helma, Instructor, Electrical Engineering and Systems Science, and Botany and Plant Pathology, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
94. Maurice Klee, Visiting Assistant Professor, Electrical Engineering and Systems Science, at a salary of \$1,300 for the period August 1, 1971 through August 31, 1971.
95. Maurice Klee, Visiting Assistant Professor, Electrical Engineering and Systems Science, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
96. Robert R. Reeber, Adjunct Assistant Professor, Metallurgy, Mechanics and Materials Science, without pay, effective September 1, 1971 through August 31, 1973.
97. Leonard A. Broski, Consultant, Computer Laboratory, at a salary of \$2,400 for the period August 1, 1971 through September 30, 1971.
98. C. David Klingman, Instructor, Computer Institute for Social Science Research, and Multidisciplinary Major Program, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
99. Robert A. Bullock, Instructor, Engineering Instructional Services, 50% time, at a salary of \$5,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
100. Jeanne E. Brown, Instructor and Extension Specialist, Family and Child Sciences, at a salary of \$10,500 per year on a 12-month basis, effective September 1, 1971.
101. Kathryn Cole, Instructor, Family and Child Sciences, 50% time, at a salary of \$4,150 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
102. Helen E. Griffiths, Instructor, Family and Child Sciences, at a salary of \$546 for the period August 2, 1971 through August 13, 1971.
103. Masayuki Takahashi, Research Associate, Food Science and Human Nutrition, at a salary of \$7,500 per year on a 12-month basis, effective August 15, 1971 through November 30, 1971.
104. Elaine C. Williams, Instructor, Institute for Family and Child Study, at a salary of \$10,500 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
105. Harry Andrews, Instructor, Dean of Human Medicine, at a salary of \$13,500 per year on a 12-month basis, effective August 1, 1971 through June 30, 1972.
106. Luther H. Zick, Assistant Clinical Professor, Dean of Human Medicine, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
107. Patricia A. Patterson, Research Associate, Anatomy, at a salary of \$11,000 per year on a 12-month basis, effective August 1, 1971 through June 30, 1972.
108. Ronald Slabaugh, Research Associate, Biochemistry and Medical Education Research and Development, at a salary of \$10,500 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
109. Saroj Kapur, Assistant Professor, Human Development, 25% time, at a salary of \$5,000 per year on a 12-month basis, effective September 15, 1971 through June 30, 1972.
110. Robert E. Landick, Assistant Clinical Professor, Human Development, without pay, on a 12-month basis, effective September 1, 1971 through June 30, 1972.
111. Elizabeth A. Seagull, Assistant Professor, Human Development, at a salary of \$15,000 on a 12-month basis, effective September 15, 1971.
112. Rolland E. Bethards, Assistant Clinical Professor, Medicine, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
113. Robert F. Brantley, Clinical Instructor, Medicine, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
114. Richard Alan Calkins, Associate Clinical Professor, Medicine, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
115. Milo L. Johnson, Clinical Instructor, Medicine, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.

A. PERSONNEL CHANGES, continued

September 9, 1971

Appointments

Appointments, continued

116. George A. Sherman, Assistant Clinical Professor, Medicine, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
117. J. Clyde Spencer, Assistant Clinical Professor, Medicine, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
118. Lynne C. Appleford, Research Associate, Pharmacology, at a salary of \$6,700 per year on a 12-month basis, effective September 1, 1971 through July 31, 1972.
119. John A. Quest, Research Associate, Pharmacology, at a salary of \$8,000 per year on a 12-month basis, effective October 1, 1971 through June 30, 1972.
120. John E. Thornburg, Research Associate, Pharmacology, at a salary of \$7,200 per year on a 12-month basis, effective July 1, 1971 through August 31, 1971.
121. John E. Thornburg, Research Associate, Pharmacology, at a salary of \$7,200 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
122. Robert P. Pittman, Postdoctoral Fellow, Physiology, at a salary of \$1,000 for the period July 1, 1971 through August 31, 1971.
123. Daniel P. Radawski, Postdoctoral Fellow, Physiology, at a salary of \$1,166.66 for the period July 1, 1971 through August 31, 1971.
124. Daniel P. Radawski, Instructor, Physiology, at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1971 through June 30, 1972.
125. Robert B. Spangenberg, Postdoctoral Fellow, Physiology, at a salary of \$2,000 for the period July 1, 1971 through August 31, 1971.
126. Maurice C. Barone, Instructor, Psychiatry, at a salary of \$12,700 per year on a 12-month basis, effective September 1, 1971 through June 30, 1972.
127. Teresa B. Bonesatti, Assistant Professor, Psychiatry, at a salary of \$30,000 per year on a 12-month basis, effective September 1, 1971.
128. Herbert B. Fowler, Associate Professor, Psychiatry, at a salary of \$32,000 per year on a 12-month basis, effective August 1, 1971.
129. John R. Ackermann, Professor, Surgery, at a salary of \$35,000 per year on a 12-month basis, effective September 1, 1971.
130. Nancy Louise Frei, Instructor, Medical Technology, at a salary of \$7,500 per year on a 12-month basis, effective July 1, 1971 through October 31, 1971.
131. Clarence D. Montgomery, Instructor and Health Planning Assistant, Office of Health Services Education and Research, Center for Urban Affairs, and School of Nursing, at a salary of \$15,000 per year on a 12-month basis, effective September 1, 1971 through September 30, 1971.
132. Nova Muir Green, Instructor (Research), Medical Education Research and Development, 50% time, at a salary of \$4,500 per year, effective September 1, 1971 through June 30, 1972, 12-month basis.
133. Karen Hills, Assistant Professor, Lyman Briggs College, 50% time, at a salary of \$4,000 for the period September 1, 1971 through March 31, 1972.
134. Ralph Enos Taggart, Assistant Professor, Biological Science Program and Botany and Plant Pathology, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1971.
135. Daniel John Hoy, Research Associate, Biophysics, at a salary of \$7,800 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
136. Jay Stanley Huebner, Research Associate, Biophysics, at a salary of \$9,500 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
137. Kenneth Culver Ingham, Research Associate, Biophysics, at a salary of \$650 per month on a 12-month basis, effective August 1, 1971 through December 31, 1971.
138. Eloise Kuntz, Assistant Professor, Biophysics, at a salary of \$1,350 per month on a 12-month basis, effective August 1, 1971 through September 30, 1971.
139. Harish C. Pant, Research Associate, Biophysics, at a salary of \$9,000 per year on a 12-month basis, effective September 1, 1971 through May 31, 1972.
140. Saura Sahu, Research Associate, Biophysics, at a salary of \$7,500 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
141. Richard W. Wagner, Postdoctoral Fellow, Biophysics, at a salary of \$7,500 per year on a 12-month basis, effective August 16, 1971 through March 31, 1972.

A. PERSONNEL CHANGES, continued

September 9, 1971

Appointments, continued

Appointments

142. Melinda Denton, Visiting Assistant Professor, Botany and Plant Pathology, at a salary of \$10,200 for the period September 1, 1971 through June 30, 1972.
143. Seikichi Izawa, Associate Professor, Botany and Plant Pathology, at a salary of \$13,000 on a 12-month basis, effective August 1, 1971 through July 31, 1972.
144. Yukio Morohashi, Research Associate, Botany and Plant Pathology, at a salary of \$8,000 on a 12-month basis, effective August 16, 1971 through August 15, 1972.
145. Jonas Norrman, Research Associate, Botany and Plant Pathology, at a salary of \$1,000 per month on a 12-month basis, effective September 1, 1971 through November 30, 1971.
146. Conrad Ayasse, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective September 15, 1971 through September 14, 1972.
147. Edward B. Baker, Visiting Professor, Chemistry, at a salary of \$6,148 for the period September 15, 1971 through December 15, 1971.
148. Wesley D. Bonds, Jr., Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective September 20, 1971 through September 19, 1972.
149. Wilma Nash Bradley, Instructor, Chemistry, at a salary of \$8,400 for the period September 15, 1971 through June 15, 1972.
150. Douglas Buchanan, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective September 15, 1971 through April 30, 1972.
151. Linda J. Cline, Assistant Professor, Chemistry, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
152. Kenneth J. Coskran, Research Associate, Chemistry, at a salary of \$3,700 for the period September 1, 1971 through December 31, 1971.
153. Dinesh, Research Associate, Chemistry, at a salary of \$100 per month on a 12-month basis, effective July 1, 1971 through July 31, 1971, 27% time.
154. Dinesh, Research Associate, Chemistry, 27% time, at a salary of \$100 per month on a 12-month basis, effective August 1, 1971 through August 31, 1971.
155. R. Ross Getty, Assistant Professor, Chemistry, at a salary of \$11,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
156. Ronald William Gales, Research Associate, Chemistry, at a salary of \$800 per month on a 12-month basis, effective August 1, 1971 through February 29, 1972.
157. Jerry Howe, Assistant Professor, Chemistry, at a salary of \$11,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
158. Paul L. Johnson, Research Associate, Chemistry, at a salary of \$8,500 per year on a 12-month basis, effective August 1, 1971 through December 31, 1971.
159. Masayuki Kuzuya, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective August 1, 1971 through December 31, 1971.
160. Nallepilli V. Mani, Research Associate, Chemistry, at a salary of \$9,500 per year on a 12-month basis, effective August 1, 1971 through August 31, 1971.
161. Melvin A. Neuman, Research Associate, Chemistry, at a salary of \$8,500 per year on a 12-month basis, effective September 1, 1971 through June 30, 1972.
162. Hernan Nunez, Research Associate, Chemistry, at a salary of \$7,200 per year on a 12-month basis, effective September 1, 1971 through October 31, 1971.
163. Robert Seiver, Research Associate, Chemistry, at a salary of \$625 per month on a 12-month basis, effective September 16, 1971 through December 31, 1971.
164. Lynn H. Wright, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective September 1, 1971 through December 31, 1971.
165. Norman C. Leeling, Research Associate, Entomology, at a salary of \$13,900 per year on a 12-month basis, effective September 1, 1971 through December 31, 1971.
166. Evan Randall Minnich, Research Associate, Entomology, at a salary of \$8,000 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
167. George Su, Research Associate, Entomology, at a salary of \$7,500 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
168. Lynn Stanton Fichter, Instructor, Geology, at a salary of \$3,200 for the period September 1, 1971 through December 31, 1971.

A. PERSONNEL CHANGES, continued

September 9, 1971

Appointments

Appointments, continued

169. James G. Caughran, Assistant Professor, Mathematics, at a salary of \$4,300 for the period September 1, 1971 through December 31, 1971.
170. Melvin Poage, Instructor, Mathematics, at a salary of \$800 for the period July 29, 1971 through September 3, 1971.
171. N. de Takacsy, Visiting Assistant Professor, Physics, at a salary of \$1,400 per month on a 12-month basis, effective April 1, 1972 through June 30, 1972.
172. Roger A. Hinrichs, Research Associate, Physics-Cyclotron, at a salary of \$10,100 per year on a 12-month basis, effective September 26, 1971 through December 31, 1971.
173. William A. Lanford, Research Associate, Physics-Cyclotron, at a salary of \$800 per month on a 12-month basis, effective September 1, 1971 through August 31, 1973.
174. Bruce H. S. McKellar, Research Associate, Physics, at a salary of \$1,500 per month on a 12-month basis, effective September 1, 1971 through December 31, 1971.
175. Peter S. Miller, Research Associate, Physics-Cyclotron, at a salary of \$10,300 per year on a 12-month basis, effective August 16, 1971 through December 31, 1971.
176. Sharon Johnston, Instructor, Nursing, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1971.
177. Myrna Reed, Assistant Professor, Nursing, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1971.
178. Bruce Andrew Manny, Research Associate, Kellogg Biological Station, at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
179. Robert A. B. Keates, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of \$2,540 per year on a 12-month basis, effective October 1, 1971 through September 30, 1972.
180. John Porter, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of \$9,000 per year on a 12-month basis, effective October 1, 1971 through September 30, 1972.
181. James Douglas Ross, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of \$9,000 per year on a 12-month basis, effective October 1, 1971 through September 30, 1972.
182. Richard Wayne Rine, Instructor, Science and Mathematics Teaching Center, at a salary of \$10,000 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
183. Gilbert Starks, Instructor, Science and Mathematics Teaching Center and Secondary Education and Curriculum, at a salary of \$709 for the period August 1, 1971 through August 31, 1971.
184. James W. Langdon, Postdoctoral Fellow, Zoology, at a salary of \$6,000 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
185. Robert C. Ward, Assistant Professor, Family and Community Medicine, 18% time, at a salary of \$5,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
186. Paul David Tschetter, Instructor and Assistant to the Dean, Dean of Social Science, 60% time, at a salary of \$6,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
187. Norman J. Sauer, Instructor, Anthropology, at a salary of \$4,000 for the period September 16, 1971 through June 30, 1972, 40% time.
188. Ronald D. Garst, Instructor, Geography, 50% time, at a salary of \$5,250 for the period September 16, 1971 through June 30, 1972.
189. Sherman K. Hollander, Instructor, Geography, at a salary of \$7,100 for the period September 1, 1971 through June 30, 1972.
190. Duncan Black, Visiting Professor, Political Science, at a salary of \$15,000 for the period September 16, 1971 through June 30, 1972.
191. Harriet A. Dhanak, Instructor, Political Science, 50% time, at a salary of \$3,200 for the period September 16, 1971 through June 30, 1972.
192. Susan Lawther, Instructor, Political Science, at a salary of \$11,550 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
193. Elizabeth Powell, Instructor, Political Science, at a salary of \$9,400 per year on a 12-month basis, effective September 1, 1971 through June 30, 1972.

A. PERSONNEL CHANGES, continued

September 9, 1971

Appointments, continued

Appointments

194. Martha Andrews Karson, Assistant Professor, Psychology, 30% time at a salary of \$4,500 for the period September 16, 1971 through June 30, 1972.
195. Elek John Ludvigh, Jr., Instructor, Psychology, 50% time at a salary of \$5,000 for the period September 16, 1971 through June 30, 1972.
196. Robert A. Ruh, Assistant Professor, Psychology, 33-1/3% time at a salary of \$4,000 for the period September 16, 1971 through June 30, 1972.
197. Kay Alice Schlappe, Instructor, Psychology, 50% time at a salary of \$5,000 for the period September 16, 1971 through June 30, 1972.
198. Louis G. Tornatzky, Assistant Professor, Psychology and Center for Urban Affairs, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
199. Marsha F. Worby, Instructor, Psychology, 80% time, at a salary of \$12,000 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
200. Susan M. Asch, Instructor, Sociology, at a salary of \$6,000 for the period January 1, 1972 through June 30, 1972.
201. Nanette J. Davis, Instructor, Sociology, at a salary of \$6,000 for the period January 1, 1972 through June 30, 1972.
202. Richard J. Gigliotti, Instructor, Sociology, at a salary of \$6,000 for the period January 1, 1972 through June 30, 1972.
203. Robert E. Krebs, Instructor, Sociology, at a salary of \$6,000 for the period January 1, 1972 through June 30, 1972.
204. Jon H. Rieger, Instructor, Sociology, at a salary of \$1,100 for the period July 1, 1971 through August 31, 1971.
205. Robert Glasgow Howlett, Visiting Professor, Labor and Industrial Relations, 50% time, at a salary of \$3,000 for the period January 1, 1972 through March 31, 1972.
206. Ronald J. Peters, Instructor, Labor and Industrial Relations, at a salary of \$12,000 per year on a 12-month basis, effective September 1, 1971 through June 30, 1972.
207. James J. Hennessy, Instructor, Criminal Justice, 50% time, at a salary of \$5,000 for the period September 16, 1971 through June 30, 1972.
208. William G. Horn, Instructor, Criminal Justice, 50% time, at a salary of \$5,000 for the period September 16, 1971 through June 30, 1972.
209. Calvin J. Swank, Instructor, Criminal Justice, 50% time, at a salary of \$5,000 for the period September 16, 1971 through June 30, 1972.
210. Michael R. Hodges, Assistant Professor, Urban Planning and Landscape Architecture, at a salary of \$13,500 per year on a 10-month basis, effective January 1, 1972.
211. Robert S. Forsythe, Instructor, Multidisciplinary Major Program, 50% time at a salary of \$4,500 for the period September 16, 1971 through June 30, 1972.
212. Gary R. Rassel, Instructor, Multidisciplinary Major Program, 50% time at a salary of \$4,500 for the period September 16, 1971 through June 30, 1972.
213. Sara Gayle Gorman, Instructor, American Thought and Language, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1971.
214. Ronald D. Means, Instructor, Humanities, at a salary of \$7,200 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
215. Frances L. Schattenberg, Instructor, Humanities, 66-2/3% time, at a salary of \$5,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
216. Carol S. Wainright, Instructor, Humanities, at a salary of \$7,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
217. Lydia A. Woodruff, Instructor, Humanities, 66-1/3% time, at a salary of \$5,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
218. Diana Ida Martinez, Assistant Professor, Natural Science, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1971.
219. Kevin C. Gottlieb, Assistant Professor, Social Science, at a salary of \$14,700 per year on a 10-month basis, effective September 1, 1971.
220. Dan Preston, Instructor, Evaluation Services, at a salary of \$9,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
221. M. Louise Brock, Instructor (Research), Microbiology and Public Health, at a salary of \$9,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.

A. PERSONNEL CHANGES, continued

September 9, 1971

Appointments

Appointments, continued

222. Donald R. Bennett, Visiting Professor, Pharmacology, 5% time, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
223. Duncan A. McCarthy, Jr., Visiting Professor, Pharmacology, 5% time, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
224. James R. Weeks, Visiting Professor, Pharmacology, 5% time, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
225. Marilyn Joan Giffin, Instructor, Continuing Education, 60% time, at a salary of \$5,000 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
226. Roger Dale Ault, Director, Pewabic Pottery, at a salary of \$13,700 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
227. James Howard Powell, Ceramic Instructor, Pewabic Pottery, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
228. Henry C. Johnson, Assistant Director for Special Programs, Office of the Provost, at a salary of \$15,500 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
229. Marvin G. Rist, Assistant Professor, Education, and Associate Director of Admissions and Scholarships, Office of the Provost, at a salary of \$14,000 per year on a 12-month basis, effective July 1, 1971.
230. Carol D. Jones, Librarian, Libraries, at a salary of \$9,000 per year on a 12-month basis, effective September 1, 1971.
231. Shirlee Ann Studt, Librarian, Libraries, at a salary of \$9,500 per year on a 12-month basis, effective September 1, 1971.
232. Warrick L. Carter, Assistant Professor, Center for Urban Affairs, and Music, at a salary of \$15,000 per year on a 12-month basis, effective August 1, 1971.
233. Homer C. Hawkins, Assistant Professor, Center for Urban Affairs, at a salary of \$14,700 per year on a 12-month basis, effective September 1, 1971.
234. Krishna Kumar, Instructor, Center for Urban Affairs, 75% time, at a salary of \$7,275 per year on a 12-month basis, effective September 1, 1971 through June 30, 1972.
235. Julius S. Scott, Jr., Visiting Associate Professor, Center for Urban Affairs, 75% time, at a salary of \$15,000 per year on a 12-month basis, effective September 1, 1971 through August 31, 1972.
236. William Henry Faricy, Instructor and Assistant Director, Departmental Study, Institutional Research, at a salary of \$13,650 per year on a 12-month basis, effective September 1, 1971 through June 30, 1972.
237. Sister Mary Martens, Postdoctoral Fellow, Institutional Research, without pay (paid direct), effective September 16, 1971 through June 15, 1972.
238. Dean A. Gibney, Assistant Professor, Aerospace Studies, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
239. John Rybczyk, Assistant Professor, Aerospace Studies, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
240. LeRoy A. Wenstrom, Professor and Chairman, Aerospace Studies, without pay, on a 12-month basis, effective July 1, 1971 through June 30, 1972.
241. Terry A. Haines, Research Associate, Institute of Water Research, and Fisheries and Wildlife, at a salary of \$10,500 per year on a 12-month basis, effective October 1, 1971 through September 30, 1972.
242. Dennis Grether, Instructor and Director of Student Relations, Lyman Briggs College; Hall Director, Holmes Hall, Residence Halls Program and Dormitories and Food Services, at a salary of \$7,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
243. Sarah E. Spaniolo, Instructor and Associate Director of Student Affairs, Lyman Briggs College; Associate Resident Advisor, Residence Halls Programs, Dormitories and Food Services, at a salary of \$7,350 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972.
244. Joan Hamachek, Assistant Professor, Counseling Center, at a salary of \$10,420 for the period September 1, 1971 through June 30, 1972.

Motion was made by Trustee Huff, seconded by Trustee Merriman, to approve the Resignations, Leaves, Transfers and Changes in Assignment, Salary Changes, Academic Promotions, and Appointments. Unanimously carried.

A. PERSONNEL CHANGES, continued

September 9, 1971

Recommendations from the Director of PersonnelRecommendations
from Director
of Personnel

1. Establish an Administrative Assistant AP-V position for the Office of the Dean, College of Agriculture and Natural Resources.
2. Establish a Senior Departmental Secretary VII position for the Cooperative Extension Service.
3. For 4-H Youth Programs:
 - a. Establish 2 4-H Program Assistant positions
 - b. Change a 4-H Family Youth Assistant position from half to full time
4. Reclassify a Computer Operator VIII to a Computer Programmer AP-I position for the Department of Communication.
5. Reclassify a Clerk-Stenographer III to a Senior Clerk-Stenographer V position and change from 3/4 time, 10-month basis to a full-time, 12-month basis for the School of Journalism.
6. Establish a Senior Departmental Secretary VII position for the Department of Health, Physical Education and Recreation.
7. For the Computer Laboratory:
 - a. Establish a Senior Computer Engineer AP-IV position
 - b. Establish a Computer Programmer AP-I position
 - c. Establish a Key Punch Supervisor VIII position
8. For the Department of Anatomy - Human Medicine:
 - a. Establish an Embalmer AP-II position
 - b. Establish a Senior Departmental Secretary VII position
9. Establish a Senior Clerk-Typist V position for the Department of Psychiatry.
10. Establish a Senior Clerk-Stenographer V position for the Office of Medical Education Research and Development.
11. Establish a Departmental Secretary V position for the Office of the Dean, Lyman Briggs College.
12. Establish an Electronics Designer AP-VII position for the Department of Chemistry.
13. Establish a Natural Science Technician IX position for the W. K. Kellogg Biological Station.
14. For the Dean of Osteopathic Medicine:
 - a. Establish an Assistant to the Dean and Director of Program Research and Development AP-X position
 - b. Establish an Office Assistant IX position
 - c. Reclassify a Research Technician from a IV to a VII position
15. Establish a Departmental Secretary V position for the Department of Anatomy - Osteopathic Medicine.
16. Establish a Principal Clerk VI position for the Department of Family and Community Medicine.
17. Establish a Senior Clerk IV position for the Department of Osteopathic Medicine.
18. Reclassify a Senior Clerk Stenographer V to a Departmental Secretary V position and change from half to full time for the Department of Sociology.
19. Establish 2 Senior Library Clerk IV positions for the Libraries.
20. Establish an Administrative and Research Assistant AP-III position for the Honors College.
21. Reclassify an Assistant Director AP-V to an Associate Director AP-VI position for the Office of Admissions and Scholarships.
22. For Dormitories and Food Services:
 - a. Establish 6 Housing-Receptionist IV positions for Brody Hall
 - b. Establish 3 Housing-Receptionist IV positions for West Circle Buildings.
 - c. Establish 1 Housing-Receptionist IV position for Williams Hall
23. Establish a Biology-Medicine Editor AP-IX position for Information Services.

Retirements

Retirements

1. Retirement of M. Elaine Atkinson, Clerk, Kellogg Center, effective October 1, 1971, at a basic retirement salary of \$1,798 a year. Mrs. Atkinson was born October 20, 1905 and has been employed by the University since September 10, 1951. M. Elaine Atkinson
2. Retirement of Hazel A. Brickley, Supervisor, Central Stenographic Office, effective October 1, 1971 at a basic retirement salary of \$3,300 a year. Mrs. Brickley was born March 20, 1908 and has been employed by the University since August 1, 1929. Hazel A. Brickley
3. Retirement of Vera Brown, Housekeeper and Seamstress, MSU Health Center, effective October 1, 1971, at a basic retirement salary of \$2,767 a year. Mrs. Brown was born September 11, 1906 and has been employed by the University since September 22, 1945. Vera Brown
4. One-year consultantship with agreed-upon duties and responsibilities for Frank D. Day, Professor, School of Criminal Justice, from January 1, 1972 to December 31, 1972, and retirement effective January 1, 1973. The basic retirement salary will be \$619 a year. Professor Day was born November 26, 1906 and has been a member of the faculty since November 19, 1965. Frank D. Day
5. Retirement of William F. Hartman, Coordinator, Physical Plant, effective November 1, 1971, at a retirement salary of \$3,170 a year. Mr. Hartman was born March 30, 1907 and has been employed by the University since October 30, 1952. William F. Hartman
6. Retirement of Wasily Toropow, Kitchen Sanitation Technician, Union Building, effective October 1, 1971, at a basic retirement salary of \$2,150 a year. Mr. Toropow was born October 10, 1906 and has been employed by the University since October 8, 1951. Wasily Toropow

A. PERSONNEL CHANGES, continued

September 9, 1971

Deaths

Deaths

Arlene Weber

1. Report of the death of Arlene Weber, Senior Account Clerk, Department of Physics, on July 12, 1971. Miss Weber was born January 25, 1951 and had been employed by the University since July 16, 1969.

Francis R.
Bennett

2. Report of the death of Francis R. Bennett on July 19, 1971. Mr. Bennett was born August 5, 1900, was employed by the University on March 9, 1942, and was a Herdsman for the University Farms at the time of his retirement on July 1, 1966.

Darrel Kyser

3. Report of the death of Darrel Kyser, Truck Driver, Stores, on August 25, 1971. Mr. Kyser was born October 29, 1925 and had been employed by the University since November 19, 1968.

Gifts and
GrantsB. GIFTS AND GRANTS

1. Gift of a M & W Portable PTO Dynamometer, Model P-300, valued at \$500 from the Ethyl Corporation, Ferndale, to be used under the direction of C. J. Mackson in Agricultural Engineering for classwork and research.
2. Gift of a Bahnson Humidifier and Humidity Controller valued at \$428.10 from Wayne Leonard & Sons, Samaria, to be used under the direction of B. F. Cargill in Agricultural Engineering to facilitate potato storage research.
3. Gift of an ABC Packaging Machinery Co. automatic case opener and sealer valued at \$30,000 from the Container Corporation of America, Carol Stream, Illinois, to be used under the direction of J. W. Goff in Packaging for packaging education.
4. Gifts of a porcellaneous deep plate on foot ring, 10th Century Ting ware, valued at \$1,500; a porcellaneous deep plate on high foot ring, Imperial Sung ware, valued at \$2,750; and a porcellaneous shallow bowl on flat foot base, 10th Century Ching pai ware valued at \$800 from Jennis R. Galloway, Greenwich, Connecticut, to be added to the permanent collection in the Kresge Art Gallery.
5. Gift of a color lithograph by Abby J. Goell, Variations on a Masque, valued at \$75 from Mrs. Abby Goell, New York, to be added to the permanent collection in the Kresge Art Gallery.
6. Gifts of a SVMX 19 Mayan mold figure valued at \$225; a 3EM17 Colima figure with bowl valued at \$100; and an 8PU5 Jaina figure of priest valued at \$750 from Mr. and Mrs. Cedric E. Marks, New York, to be added to the permanent collection in the Kresge Art Gallery.
7. Gifts of equipment with a total value of \$30,000 from the University of California, Los Angeles, to be used under the direction of Garson Tishkoff in Medicine in health related research - blood fractionation.
8. Gift of a Bausch & Lomb Optical Co. grating valued at \$66 from Aura, Inc., Tucson, Arizona, to be used under the direction of Albert Linnel in Astronomy, in the spectrograph to be built at the MSU Observatory.
9. Gift of 1,000 yards of Bluegrass sod valued at \$350 from the Emerald Valley Turf Nurseries, Inc., Gregory, to be used at the Botany and Plant Pathology field house on College Road.
10. Gift of an 11-hole International grain drill valued at \$175 from Mr. T. J. Woods, Woods Implement Store, Gladwin, to be used in the Department of Entomology for research on insect control in field crops.
11. Gift of a Hamilton examination table with drawers valued at \$400 from J. Vincent Murphy, Grand Blanc, to be used in the Department of Family Medicine in the training of students.
12. Gift of several books with a total value of \$28 from Paul Bakan, Burnaby, British Columbia, Canada, to be added to the Department of Psychology library.
13. Gift of issues of Scouting Magazine, Youth Leaders' Digest, Recreation, Camping, and Parks and Recreation with a total value of \$219.50 from Russell B. Daubert, East Lansing, to the University Libraries Undergraduate Library collection.
14. Gifts with a total value of \$7,382.05 from various donors as per the list on file in the Secretary's Office for research and display in the Museum.
15. Grants to be used for scholarship purposes as follows:
 - a. \$1,000 from the American Association of University Women, Lansing-East Lansing, to be used for grants-in aid for mature women returning to the University to resume studies interrupted by home and family responsibilities or to prepare for new careers, with first consideration for undergraduate women, but not limited to undergraduates.
 - b. \$3,000 from the Alvin M. Bentley Foundation, Owosso, for the Alvin M. Bentley Foundation account.
 - c. \$1,500 from the Campbell Sales Company, Camden, New Jersey; \$750 for students and \$750 for the administration of the Food Marketing Management Program.

B. GIFTS AND GRANTS, continued

September 9, 1971

Gifts and
Grants

15. Grants for scholarships, continued
 - d. \$250 from The Chicago Farmers, Chicago, for a scholarship for a senior student in the College of Agriculture and Natural Resources.
 - e. \$4,000 from the Chrysler Corporation Fund, Detroit; \$2,000 for engineering scholarships and \$2,000 for business scholarships.
 - f. \$400 from Episcopal Churchwomen, Christ Church, Birmingham, for needy American Indian students.
 - g. \$1,100 from Episcopal Churchwomen of Western Michigan, Battle Creek, for needy American Indian students.
 - h. For the Farm Equipment and Sales Fund:
 - \$30 from Jim Bader & Sons Co., Sandusky
 - \$300 from the John Deere Co., Lansing
 - \$300 from the Gehl Foundation, Inc., West Bend, Wisconsin
 - \$25 from the Gettel Implement Co., Pigeon
 - \$25 from the Hagen Tractor Sales, Paw Paw
 - \$20 from Ina Store, Tustin
 - \$15 from Leach Farm Equipment, Evart
 - \$20 from the W. F. Miller Garden & Lawn Equipment, Birmingham
 - \$25 from the Morton Ford Tractor, Inc., Lansing
 - \$25 from the Muehl Implement Co., Inc., Sandusky
 - \$20 from John and Nellie Mys, Tustin
 - \$20 from R. E. Peckens, Inc., Cohoctah
 - \$30 from William F. Sell & Son, Inc., Taylor
 - \$20 from Don Sharkey Farm Implements, St. Louis
 - \$25 from Tecumseh Equipment Co., Tecumseh
 - \$20 from Tri-County Equipment Co., Marlette
 - \$20 from Waldron Implement Co., Waldron
 - \$30 from Weiss Farm Equipment, Inc., Frankenmuth
 - \$25 from William's Farm Machinery, Charlotte
 - i. \$1,000 from the Farmers and Manufacturers Beet Sugar Association, Saginaw for scholarships in the College of Agriculture and Natural Resources.
 - j. \$13.48 from Mrs. George V. Gulash, Gaines, as a contribution to the John Gulash Memorial Scholarship fund.
 - k. \$500 from Duncan Hines, Bowling Green, Kentucky, to continue the established Duncan Hines Scholarship for recipients to be selected by the School of Hotel, Restaurant and Institutional Management.
 - l. \$250 from Men's Garden Clubs of America-Central Great Lakes Region, Detroit, the second scholarship stipend for a student majoring in floriculture and ornamental horticulture fields.
 - m. \$500 from the Michigan Press Association Foundation, East Lansing, to provide financial assistance to newspaper-oriented students who are in financial difficulty.
 - n. \$1,600 from the Moorman Mfg. Co., Quincy, Illinois, for students in the College of Agriculture and Natural Resources.
 - o. \$750 from the NFBA Foundation, Inc., Washington, D.C. for a student in the Food Marketing Management Program.
 - p. \$750 from the Standard Oil Co., of California, San Francisco, for a student in the Department of Chemical Engineering.
 - q. \$500 from Beatrice Stegeman, Edwardsville, Illinois, as a contribution to the Martin Luther King Scholarship Fund.
16. Grants as follows to the MSU Development Fund:
 - a. \$500 from Dr. and Mrs. Talbert Abrams, Lansing, to be deposited in the MSU Development Fund Restricted Account and designated for the Aerospace Workshop.
 - b. \$25 from the American Lutheran Church Women University Lutheran Church for the C.C.I.P. Scholarship Fund account.
 - c. \$900 from Gladys Olds Anderson, Lansing, for the purchase of an oil painting.
 - d. \$1,500 from Gladys Olds Anderson, Lansing, for the Upward Bound program.
 - e. \$34 from Mr. and Mrs. Kenneth A. Applegate, Osage Beach, Missouri, to be deposited in the MSU Restricted Account and used for a special project under the direction of Gordon Sabine.
 - f. \$500.26 from friends of Linda Jean Bentz for the Linda Jean Bentz Memorial Award, College of Human Medicine.
 - g. \$75 from the Dow Chemical Co. as a matching gift for the Department of Chemistry account.
 - h. \$10 from Mr. and Mrs. Gardner M. Jones, Lansing, to be deposited in the Julie Klemkowsky Award Fund account.
 - i. \$1,000 from Ronald L. Joseph, Flint, for heartworm research in the College of Veterinary Medicine.
 - j. \$190 from Mr. and Mrs. Hideya Kumata, East Lansing, for the C.C.I.P. Scholarship Fund account.
 - k. \$600 from Hamish Russell, East Lansing, for the Department of Communications, Dean's Discretionary Fund account.
 - l. \$100 from the Woman's Society of the Peoples Church, East Lansing, for the C.C.I.P. Scholarship Fund account.
 - m. \$20 from various donors for Small Animal Surgery and Medicine in memory of Ken Nichols.
17. Grant of \$19,498 from Peace Corps, Washington, D.C., to be used under the direction of D. L. Armstrong in the Division of Resident Instruction to conduct intern training program for MSU students for MSU/Peace Corps Philippine program.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

September 9, 1971

18. Grant of \$15,000 from the U. S. Department of Agriculture, Extension Service, Washington, D.C., to be used under the direction of G. S. McIntyre, Cooperative Extension Service, for the preparation and publishing of 3 or more home economics packets for home study or homemaker clubs.
19. Grant of \$262,500 from the Agency for International Development, Washington, D.C., to be used under the direction of G. L. Johnson, Agricultural Economics, for more effective use of scarce human and financial resources in development of countries and agencies endeavoring to assist the lower developed countries.
20. Grant of \$1,560 from the National Water Commission, Washington, D.C., to be used under the direction of A. A. Schmid, Agricultural Economics, to examine federal agencies' response to various sources of interest and influence, to recommend changes in decision-making structure concerned with water resource programs.
21. Grant of \$50,000 from the Agency for International Development, Washington, D.C., to be used under the direction of C. K. Eicher, Agricultural Economics, to provide information to African policy planners on production and processing of major crops in four countries.
22. Grant of \$177,103 from the Agency for International Development, Washington, D.C., to be used under the direction of D. E. Hathaway, Agricultural Economics, to focus on building capability of selected lower development regional and country collaborating institutions to increase their impact on management of in-country rural agricultural action institutions and programs.
23. Grant of \$140,415 from the Agency for International Development, Washington, D.C., to be used under the direction of G. L. Johnson, Agricultural Economics, for developing simulation models to improve productivity of agricultural crops.
24. Grant of \$140,460 from the U. S. Department of Labor, Washington, D.C., to be used under the direction of D. E. Hathaway, Agricultural Economics, for research and consultation to the Department of Labor on formulation of policies and programs to improve rural manpower services.
25. Grant of \$500 from A. W. Farrall, East Lansing, to be used under the direction of B. A. Stout, Agricultural Engineering, to set up a fund functioning as an endowment to support the A. W. Farrall Agricultural Engineering Faculty Awards.
26. Grant of \$2,500 from the Michigan Blueberry Growers Association, Grand Junction, to be used under the direction of C. M. Hansen, Agricultural Engineering, for on-going research in rejuvenation of blueberry plants through mechanical means.
27. Grant of \$1,000 from the National Pickle Growers Association, Inc., St. Charles, to be used under the direction of B. F. Cargill, Agricultural Engineering, for on-going research in cucumber mechanization.
28. Grant of \$2,000 from The Netherlands Flower Bulb Institute, Inc., New York, to be used under the direction of R. J. Patterson, Agricultural Engineering, for the development of plans for systems handling and rooting room construction for spring flowering bulbs.
29. Grant of \$1,000 from the Abbott Laboratories, Veterinary Division, North Chicago, to be used under the direction of D. E. Ullrey, Animal Husbandry, to study the efficacy of menadione sodium bisulfite in preventing neonatal anemia of swine.
30. Grant of \$20,000 from the Ruminant Nitrogen Products Company, Adrian, to be used under the direction of H. E. Henderson, Animal Husbandry, to continue research on the development of silage additives and initiate research on the development and use of ammonium salts as a source of protein for ruminant animals.
31. Grant of \$5,000 from Mr. Harold Toppel, New York, to be used under the direction of R. H. Nelson, Animal Husbandry, for the improvement of teaching livestock production.
32. Grant of \$2,000 from Sir William Farm, Hillsdale, New York, to be used under the direction of R. H. Nelson, Animal Husbandry, for the improvement of teaching livestock production.
33. Grant of \$152,825 from the Upper Great Lakes Regional Commission, Washington, D.C., to be used under the direction of T. R. Greathouse, Animal Husbandry, to develop a Beef Demonstration Center at the U.P. Agricultural Experiment Station located at Chatham, Michigan.
34. Grant of \$15,985 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of A. J. Morris, Biochemistry, for research in protein and nucleotide metabolism in erythroid cells.
35. Grant of \$500 from the American Cyanamid Company, Princeton, New Jersey, to be used under the direction of W. F. Meggitt, Crop and Soil Sciences, to evaluate the effect of certain new herbicides on dry beans and soybeans.

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36. Grant of \$300 from the BASF Corporation, South Kearny, New Jersey, to be used under the direction of W. F. Meggitt, Crop and Soil Sciences, to evaluate pre- and postemergence applications of herbicides for weed control in sugar beets and soybeans.
37. Grant of \$500 from Eli Lilly and Company, Indianapolis, Indiana, to be used under the direction of W. F. Meggitt, Crop and Soil Sciences, to evaluate the herbicidal efficacy of 3,5-dinitro-N-Ndipropylsulfanilamide on weed control in dry beans, soybeans, and potatoes.
38. Grant of \$33,000 from National Aeronautics and Space Administration, Washington, D.C., to be used under the direction of A. E. Erickson and J. M. Tiedje, Crop and Soil Sciences, to utilize soil atmosphere analyses as an indicator of microbial metabolism in soils.
39. Grant of \$1,500 from Pergamon Press, Inc., Elmsford, New York, to be used under the direction of M. M. Mortland, Crop and Soil Sciences, to edit the journal "Clay and Clay Minerals" of which Dr. Mortland is Editor-in-chief.
40. Grant of \$2,500 from The Soap and Detergent Association, New York, to be used under the direction of B. Knezek and B. Ellis, Crop and Soil Sciences, to study the influence of Na₃NTA use in detergents upon metal activation.
41. Grant of \$136,345 from Texas A & M University System, Washington, D.C., to be used under the direction of D. D. Harpstead, Crop and Soil Sciences, to assist local professionals in curriculum development; teaching a limited number of courses; establishment and operation of a teaching laboratory; assist graduate student research; and staff training and development at Graduate School of Agricultural Sciences, Castelar, Argentina.
42. Grant of \$100 from the L. Teweles Seed Company, Milwaukee, Wisconsin, to be used under the direction of T. J. Johnston, Crop and Soil Sciences, for the evaluation of genetic seed stock for release for public utilization in the future.
43. Grant of \$3,450.75 from the Washtenaw County Board, Ann Arbor, Michigan, to be used under the direction of E. P. Whiteside, Crop and Soil Sciences, for field mapping of Washtenaw County.
44. Grant of \$7,447 from the Consumers Power Company, Jackson, Michigan, to be used under the direction of L. W. Gysel, Fisheries and Wildlife, for an analysis of a 1,000-acre tract owned by Consumers Power Company and adjacent areas to determine the size and composition of various environmental components prior to the development of plans for a nuclear power plant.
45. Grant of \$1,600 from the New York Zoological Society, Bronx Park, New York, to be used under the direction of G. A. Petrides, Fisheries and Wildlife, to provide partial support for graduate student, Nikolaos Papageorgiou, for his study of the Agrimi wild goat on Crete.
46. Grant of \$4,800 from the White Pine Copper Company, White Pine, Michigan, to be used under the direction of E. W. Roelofs, Fisheries and Wildlife, to determine effects of domestic and industrial effluents on water quality and the abundance of and distribution of aquatic organisms.
47. Grant of \$24,928 from the Food and Drug Administration, Rockville, Maryland, to be used under the direction of L. R. Dugan, Jr., Food Science and Human Nutrition, to study cured and dried meats and/or fish to establish whether lipid browning reactions provide precursors which may react with nitrites in the formation of N-nitrosamines.
48. Grant of \$20,988 from the Food and Drug Administration, Rockville, Maryland, to be used under the direction of L. G. Harmon, Food Science and Human Nutrition, to support graduate programs in basic science aspects of food science including food chemistry, food microbiology, and food engineering.
49. Grant of \$27,350 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of L. G. Harmon, Food Science and Human Nutrition, to provide traineeship stipends, tuition, travel and dependency allowances for M.S. candidates in food science emphasizing environmental health.
50. Grant of \$500 from Amchem Products, Inc., Ambler, Pennsylvania, to be used under the direction of M. J. Bukovac, Horticulture, an unrestricted grant for research on chemical control of fruit abscission.
51. Grant of \$1,000 from the American Seed Research Foundation, Washington, D.C., to be used under the direction of R. C. Herner, Horticulture, to support on-going programs dealing with seed germination and seedling growth at cold temperatures of plants sensitive to chilling injury.
52. Grant of \$1,500 from the Gerber Products Company, Fremont, Michigan, to be used under the direction of L. R. Baker, Horticulture, to support on-going programs to develop improved hybrid carrot varieties for processing; to strengthen programs for the commercial testing of experimental hybrid carrots.

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B. GIFTS AND GRANTS, continued

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53. Grant of \$1,500 from the Gerber Products Company, Fremont , Michigan, to be used under the direction of R. F. Carlson, Horticulture, to support continuing research on tree fruit rootstock.
54. Grant of \$2,500 from The Joseph H. Hill Memorial Foundation, Inc., Haslett, Michigan, to be used under the direction of W. J. Carpenter, Horticulture, to support on-going research relating to supplemental lighting of greenhouse roses.
55. Grant of \$2,900 from The Joseph H. Hill Memorial Foundation, Inc., Haslett, Michigan, to be used under the direction of W. J. Carpenter and H. P. Rasmussen, Horticulture, to support continuing investigations of cytohistological changes occurring in rose stems during the cut flower life.
56. Grant of \$1,000 from the Michigan Pear Research Association, Inc., Fennville, Michigan, to be used under the direction of John Carew, Horticulture, to support research on pear size, irrigation, and tree density.
57. Grant of \$11,750 from The Netherlands Flower Bulb Institute, Inc., New York, to be used under the direction of A. A. deHertogh, Horticulture, to support on-going programs of applied and fundamental research relating to flower bulb forcing and post harvest physiology.
58. Grant of \$1,000 from Rhodia, Inc., New York, to be used under the direction of A. R. Putnam, Horticulture, to support on-going research evaluating experimental herbicides on fruit and vegetable crops.
59. Grant of \$3,000 from The Chesapeake and Ohio Railway Company, Baltimore, Maryland, to be used under the direction of J. W. Goff, Packaging, to continue basic research in the control of damage in distribution.
60. Grant of \$3,000 from the International Business Machines Corporation, Princeton, New Jersey, to be used under the direction of J. W. Goff, Packaging, to continue basic research in the control of damage in distribution.
61. Grant of \$3,000 from Lederle Laboratories, Pearl River, New York, to be used under the direction of J. W. Goff, Packaging, to continue basic research in the control of damage in distribution.
62. Grant of \$3,000 from the Procter and Gamble Company, Cincinnati, Ohio, to be used under the direction of J. W. Goff, Packaging, to continue basic research in the control of damage in distribution.
63. Grant of \$2,575 from The Waterways Commission, Michigan Department of Natural Resources, Lansing, to be used under the direction of M. Chubb, Park and Recreation Resources, to pay additional computer costs associated with completion of the analysis of boating demand and preparation of a report as specified in contract dated March 20, 1970.
64. Grant of \$11,600 from the U. S. Department of Agriculture, Beltsville, Maryland, to be used under the direction of A. M. Lucas and R. D. Klemm, Poultry Science, to further research in avian anatomy and for use of avian anatomy personnel for supplies and services.
65. Grant of \$1,000 from the APCO Oil Corporation, Oklahoma City, Oklahoma, to be used under the direction of K. Louhi, Graduate School of Business Administration, as an unrestricted grant.
66. Grant of \$3,000 from the Ernst and Ernst Foundation, Detroit, Michigan, to be used under the direction J. D. Edwards, Accounting and Financial Administration, to provide financial aid for doctoral students.
67. Grant of \$739.50 from a group of alumni and friends to be used under the direction of J. D. Edwards, Accounting and Financial Administration, as an unrestricted grant.
68. Grant of \$3,625 from the Midwest Universities Consortium for International Activities, Inc., East Lansing, to be used under the direction of M. Kreinin, Economics, for an in-depth study of European integration.
69. Grant of \$1,000 from the Wickes Corporation, Saginaw, Michigan, to be used under the direction of D. A. Taylor, Marketing and Transportation Administration, to support the development of the marketing program and faculty at Michigan State University.
70. Grant of \$3,500 from the American Telephone and Telegraph Company, New York, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
71. Grant of \$2,500 from the Baltimore Gas and Electric Company, Baltimore, Maryland, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.

B. GIFTS AND GRANTS, continued

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72. Grant of \$1,000 from the Central Illinois Light Company, Peoria, Illinois, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
73. Grant of \$1,500 from the Central Illinois Public Service Company, Springfield, Illinois, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
74. Grant of \$3,500 from the Columbia Gas System Service Corporation, Wilmington, Delaware, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
75. Grant of \$3,500 from the Consolidated Natural Gas Service Company, Pittsburgh, Pennsylvania, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
76. Grant of \$3,500 from the Consumers Power Company, Jackson, Michigan, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
77. Grant of \$3,500 from the Natural Gas Pipeline Company of America, Chicago, Illinois, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
78. Grant of \$2,500 from the Northern Illinois Gas Company, Aurora, Illinois, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
79. Grant of \$3,500 from the Northern Natural Gas Company, Omaha, Nebraska, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
80. Grant of \$3,500 from the Pacific Gas and Electric Company, San Francisco, California, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
81. Grant of \$2,500 from the Panhandle Eastern Pipe Line Company, Houston, Texas, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
82. Grant of \$3,500 from the Southern California Edison Company, Los Angeles, California, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
83. Grant of \$1,000 from The Toledo Edison Company, Toledo, Ohio, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
84. Grant of \$2,500 from the United Utilities, Incorporated, Kansas City, Missouri, to be used under the direction of H. M. Trebing, Institute of Public Utilities, to support the activities of the Institute.
85. Grant of \$37,730 from Region V, Chicago Social and Rehabilitation Service, Department of Health, Education, and Welfare, Chicago, Illinois, to be used under the direction of L. V. Deal, Audiology and Speech Sciences, for teaching grant and traineeships in speech pathology and audiology.
86. Grant of \$35,000 from the U. S. Office of Education, Department of Health, Education, and Welfare, Washington, D.C., to be used under the direction of H. J. Oyer, Audiology and Speech Sciences, for preparation of professional personnel in education of handicapped children.
87. Grant of \$37,456 from the U. S. Office of Education, Washington, D.C., to be used under the direction of L. E. Sarbaugh, Communication, to obtain measures of audience exposure to and subsequent action in regard to messages in 10 educational display modules.
88. Grant of \$72,051 from the U. S. Office of Education, Washington, D.C., to be used under the direction of L. E. Sarbaugh and E. M. Rogers, Communication, to obtain continuing measures of attention to and use of messages intended to increase adoption of 15 selected reading programs, and to relate communication behavior to stages of adoptive behavior in a sample of U.S.A. school districts.
89. Grant of \$7,500 from the U. S. State Department, Washington, D.C., to be used under the direction of S. E. Smith, Journalism, to enable approximately 15 American journalism students to participate in the University's International Seminar in Journalism to be conducted in Yugoslavia.
90. Grant of \$1,500 from the Midwest Universities Consortium for International Activities, Inc., East Lansing, to be used under the direction of J. Hanson, Education, as supplemental payment in connection with the study "Secondary School Teacher Supply and Demand in Africa."

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91. Grant of \$201,098 from the Agency for International Development, Washington, D.C., to be used under the direction of H. L. Case, Education, to continue present USAID/MSU Turkey Project.
92. Grant of \$15,000 from the U. S. Office of Education, Washington, D.C., to be used under the direction of W. B. Hawley, Education, as an addition to the TTT grant.
93. Grant of \$89,900 from the W. K. Kellogg Foundation, Battle Creek, Michigan, to be used under the direction of M. R. Raines, Administration and Higher Education, for professional development of community services administrators and facilitation of the development of community service programs in community colleges.
94. Grant of \$65,722 from the Michigan Department of Education, to be used under the direction of G. A. Myran, Administration and Higher Education, for the initiation and development, in five Michigan rural-based community colleges, of community services and continuing education programs directed toward minority and low-income community groups.
95. Grant of \$150,000 from the U. S. Office of Education, Department of Health, Education, and Welfare, Washington, D.C., to be used under the direction of R. J. Kleis, Administration and Higher Education, for in-service training for teachers, counselors, administrators, and aides in adult basic education.
96. Grant of \$1,600 from Federal City College, Washington, D.C., to be used under the direction of J. E. Jordan, Counseling, Personnel Services, and Educational Psychology, to study structure, determinants, and consequences of racial attitudes.
97. Grant of \$4,306 from Rehabilitation Services Administration, Department of Health, Education, and Welfare, Washington, D.C., to be used under the direction of G. A. Miller, Counseling, Personnel Services, and Educational Psychology, as a renewal of a training grant started in 1964 to enable the basic rehabilitation counselor training program to train specialists in the area of counseling the mentally retarded.
98. Grant of \$57,500 from the U. S. Office of Education, Department of Health, Education, and Welfare, Washington, D.C., to be used under the direction of R. C. Craig, Counseling, Personnel Services, and Educational Psychology, to provide doctoral level training to qualify candidates as research directors of public school systems, government departments, institutes or laboratories, and sponsored research projects.
99. Grant of \$93,800 from the U. S. Office of Education, Washington, D.C., to be used under the direction of B. B. Winborn, Counseling, Personnel Services, and Educational Psychology, to train graduate students from minority races or from educationally, socially, or economically deprived backgrounds to become community college counselors.
100. Grant of \$840 from the Indiana Department of Public Instruction, Indianapolis, Indiana, to be used under the direction of C. V. Mange, Elementary and Special Education, as support funds for one 10-week trainee and one 5-week trainee, summer 1971, under P.L. 91-230 administered through the Indiana Superintendent of Public Instruction.
101. Grant of \$4,680 from the Michigan Department of Education, Lansing, to be used under the direction of C. V. Mange, Elementary and Special Education, as funds for support of institutional programs training personnel under P.L. 91-230.
102. Grant of \$230,900 from the U. S. Office of Education, Bureau of Education for Handicapped, to be used under the direction of C. V. Mange, Elementary and Special Education, as support funds and fellowship stipends for training in selected areas of Special Education and Special Education Administration.
103. Grant of \$137,363 from the U. S. Office of Education - For the Handicapped, Washington, D.C., to be used under the direction of J. A. Wessel, Health, Physical Education, and Recreation, for programmatic research project in physical education for the mentally retarded child in the elementary school. Sequential individualized instructional program for children ages 2-18.
104. Grant of \$5,500 from the Michigan Department of Education, Lansing, to be used under the direction of R. E. Ray, Secondary Education and Curriculum, to provide tuition and departmental/project support for four Michigan participants in the EPDA-Doctoral Leadership Development Program in Vocational-Technical Education.
105. Grant of \$225,000 from the Agency for International Development, Washington, D.C., to be used under the direction of C. S. Brembeck, Institute for International Studies in Education, to provide lesser developed countries with the beginning of a systematic base of knowledge on non-formal education.
106. Grant of \$8,196 from Control Data Corporation, Minneapolis, Minnesota, to be used under the direction of L. Greenberg, Engineering Research, for continued development of an interactive programming language (APL) interpreter which will operate under the standard scope/intercom operating system on the CDC 6500.

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107. Grant of \$89,616 from the National Institutes of Health, Cincinnati, Ohio, to be used under the direction of O. B. Andersland, Engineering Research, to develop methods for efficient and safe disposal of dewatered high ash content pulp and papermill sludges in landfills.
108. Grant of \$1,000 from The Dow Chemical Company, Midland, Michigan, to be used under the direction of C. R. St. Clair, Jr., Mechanical Engineering, as matching funds for sponsored research grants, supplementary funds for financial aid to students.
109. Grant of \$10,590 from MERIT, Incorporated, Detroit, Michigan, to be used under the direction of H. Eick, Computer Laboratory, as part of MICIS-MERIT three university computer development.
110. Grant of \$2,998.75 from Volt Information Sciences, Office of Head Start, Washington, D.C., to be used under the direction of Betty Garlick, Family and Child Sciences, to provide training for staff of Head Start Programs in Ohio.
111. Grant of \$750 from the Michigan Bean Commission, Lansing, Michigan, to be used under the direction of Katherine Hart, Food Science and Human Nutrition, as a final field testing of colored bean recipes in the Midland schools.
112. Grant of \$42,561 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of M. G. Yang, Food Science and Human Nutrition, to secure sufficient information on toxicity of cycad products so that the safety of these foods for human beings can be evaluated.
113. Grant of \$1,500 from the Greater Detroit Chamber of Commerce, Detroit, Michigan, to be used under the direction of R. R. Rice and Demetra Mehas, Human Environment and Design, to fund a summer school course.
114. Grant of \$96,260 from the Office of Economic Opportunity, Washington, D.C., to be used under the direction of R. P. Boger, Institute for Family and Child Study, for the continuation of research and development work of the Early Childhood Research Center at Michigan State University.
115. Grant of \$34,980 from the U. S. Public Health Services, to be used under the direction of Donald Weston, College of Human Medicine, for development of a model curriculum for training undergraduate medical students in comprehensive patient management.
116. Grant of \$750 from the Michigan TB and Respiratory Disease Association, to be used under the direction of David DeFouw, Anatomy, as a fellowship supply grant.
117. Grant of \$750 from the Michigan TB and Respiratory Disease Association, to be used under the direction of B. F. Stringfield, Anatomy, as a fellowship supply grant.
118. Grant of \$17,723 from The National Foundation, New York, to be used under the direction of William Weil and J. V. Higgins, to establish a birth defects evaluation clinic with special emphasis on genetic problems, in the Dept. of Human Development.
119. Grant of \$49,672 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of T. A. Helmrath, Human Development, to describe initiating and control factors of hepatic gluconeogenesis in immediate newborn period.
120. Grant of \$15,900 from the U. S. Atomic Energy Commission, Argonne, Illinois, to be used under the direction of J. E. Trosko, Human Development, for studies on the radiation and chemical-induced molecular damages, their repair and biological expression in mammalian cells.
121. Grant of \$9,964 from the National Institute of Mental Health, Rockville, Maryland, to be used under the direction of A. J. Enelow, Psychiatry, to evaluate the effectiveness of programmed audio-visual instruction in recognition and management of suicidal persons.
122. Grant of \$31,761 from the National Institute of Mental Health, Chevy Chase, Maryland, to be used under the direction of A. J. Enelow, Psychiatry, for a career teacher.
123. Grant of \$45,360 from the National Institute of Mental Health, Rockville, Maryland, to be used under the direction of A. J. Enelow, Psychiatry, as an undergraduate training grant.
124. Grant of \$48,566 from the National Center for Health Services Research and Development, Washington, D.C., to be used under the direction of S. Katz, Health Services Education and Research, to identify and explore common objectives of health delivery systems and to identify the information needed to evaluate such objectives.
125. Grant of \$485 from the Medical Research Council, Ottawa, Canada, to be used under the direction of Hilliard Jason, Medical Education Research and Development, to help cover any departmental expenses associated with research undertaken by Dr. Gilles Cormier, a 1971-72 fellow in medical education.

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126. Grant of \$27,230 from the National Fund for Medical Education, New York, to be used under the direction of Hilliard Jason, Medical Education Research and Development, to explore in depth the idea of peer instruction as an innovative approach in medical education.
127. Grant of \$7,200 from Matthey Bishop, Inc., Malver, Pennsylvania, to be used under the direction of M. Cleare, Biophysics, for the salary of Dr. Michael Cleare who is working on the research on the biological effects of platinum group metal compounds.
128. Grant of \$46,913 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of B. Rosenberg, Biophysics, for research on platinum compounds--a new class of antitumor agents.
129. Grant of \$750 from the Chevron Chemical Company, Cherry Hill, New Jersey, to be used under the direction of E. J. Klos, Botany and Plant Pathology, to study and prolong the fungicidal activity of N-1,2,2 tetrachloroethylthio-4-cyclohexene-1,2-dicarboximide against apple scab and cherry leaf spot.
130. Grant of \$600 from the Diamond Shamrock Corporation, Cleveland, Ohio, to be used under the direction of E. J. Klos, Botany and Plant Pathology, to study fungicidal activity of tetrachlorosophthalonitrite against major fungal diseases of apple, peach, and cherry.
131. Grant of \$300 from the E. I. duPont de Nemours and Company, Wilmington, Delaware, to be used under the direction of D. J. de Zeeuw, Botany and Plant Pathology, to aid in support of a graduate research assistantship on seed and soil treatment fungicide research.
132. Grant of \$500 from the E. I. duPont de Nemours and Company, Wilmington, Delaware, to be used under the direction of A. L. Jones, Botany and Plant Pathology, to evaluate the effectiveness of the experimental fungicide Benlate for fruit-tree disease control and possible role in intergrated pest control.
133. Grant of \$300 from the E. I. duPont de Nemours and Company, Wilmington, Delaware, to be used under the direction of J. M. Vargas, Jr., Botany and Plant Pathology, for testing chloroneb for Typhula snow mold control.
134. Grant of \$200 from the Elanco Products Company, Indianapolis, Indiana, to be used under the direction of A. L. Jones, Botany and Plant Pathology, to help defray the cost of color in a new bulletin on tree-fruit diseases.
135. Grant of \$400 from Geigy Agricultural Chemicals, Ardsley, New York, to be used under the direction of D. J. de Zeeuw, Botany and Plant Pathology, to aid in support of graduate research assistantship for seed and soil treatment fungicide research.
136. Grant of \$25 from the Haviland Agricultural Chemical Company, Grand Rapids, Michigan, to be used under the direction of A. L. Jones, Botany and Plant Pathology, to help defray the cost for color in a tree-fruit disease bulletin.
137. Grant of \$150 from Hill Top Orchards and Nurseries, Inc., Hartford, Michigan, to be used under the direction of A. L. Jones, Botany and Plant Pathology, to help defray the added cost of including color in a bulletin dealing with tree-fruit diseases.
138. Grant of \$1,000 from the Eli Lilly and Company, Indianapolis, Indiana, to be used under the direction of A. L. Jones, Botany and Plant Pathology, to determine the effectiveness of fungicide EL-273 for apple scab and cherry leaf spot and its possible role in intergrated pest control.
139. Grant of \$400 from the Eli Lilly and Company, Indianapolis, Indiana, to be used under the direction of H. S. Potter, Botany and Plant Pathology, to study the fungitoxicity and phytotoxicity of new systemic fungicides.
140. Grant of \$200 from the Eli Lilly and Company, Indianapolis, Indiana, to be used under the direction of J. M. Vargas, Jr., Botany and Plant Pathology, to evaluate EL-273 for turf disease control.
141. Grant of \$3,000 from the Michigan Blueberry Growers Association, Grand Junction, Michigan, to be used under the direction of G. R. Hooper, Botany and Plant Pathology, to evaluate fungicides and other control measures against mummy berry and canker diseases of blueberry.
142. Grant of \$1,400 from the National Science Foundation, Washington, D.C., to be used under the direction of J. H. Beaman, Botany and Plant Pathology, for doctoral dissertation research in a taxonomic study of the genus Alnus in North America.
143. Grant of \$500 from Rohm and Haas Company, Philadelphia, Pennsylvania, to be used under the direction of A. L. Jones, Botany and Plant Pathology, for residue study with Dithane M-45 on cherry.
144. Grant of \$200 from The Upjohn Company, Kalamazoo, Michigan, to be used under the direction of A. L. Jones, Botany and Plant Pathology, to help defray the added cost of including color in a bulletin dealing with tree-fruit diseases

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145. Grant of \$20,000 from the American Chemical Society, Washington, D.C., to be used under the direction of Harold Hart, Chemistry, for research on competitive processes in photoisomerizations and photoeliminations.
146. Grant of \$2,500 from the Dow Chemical Company, Midland, Michigan, to be used under the direction of J. B. Kinsinger, Chemistry, as an unrestricted grant.
147. Grant of \$2,000 from the Dow Chemical Company, Midland, Michigan, to be used under the direction of J. B. Kinsinger, Chemistry, as an unrestricted grant.
148. Grant of \$26,500 from the National Science Foundation, Washington, D.C., to be used under the direction of T. J. Pinnavaia, Chemistry, for research on ligand exchange reactions, stereochemistry, and dynamic stereochemical properties of some metal B-Diketonates.
149. Grant of \$1,000 from Geigy Agricultural Chemicals, Ardsley, New York, to be used under the direction of Angus Howitt, Entomology, for the evaluation of miticide.
150. Grant of \$1,000 from Geigy Agricultural Chemicals, Ardsley, New York, to be used under the direction of Angus Howitt, Entomology, for research on the control of fruit insect pests.
151. Grant of \$500 from the Great Lakes Chemical Corporation, Los Angeles, California, to be used under the direction of C. Laughlin, Entomology, for nematode research.
152. Grant of \$3,000 from the Michigan Blueberry Growers Association, Grand Junction, Michigan, to be used under the direction of James Bath, Entomology, for research on blueberry viruses.
153. Grant of \$1,500 from the Michigan Blueberry Growers Association, Grand Junction, Michigan, to be used under the direction of Angus Howitt, Entomology, for evaluation of ULV insecticides.
154. Grant of \$29,630 from the Michigan Department of Public Health, Lansing, Michigan, to be used under the direction of R. Hoopingarner, Entomology, to monitor human chromosomes for possible damage caused by pesticides.
155. Grant of \$1,000 from Pennwalt, Tacoma, Washington, to be used under the direction of Angus Howitt, Entomology, for fruit insecticide evaluation.
156. Grant of \$193,000 from the U. S. Public Health Service, Food and Drug Administration, Rockville, Maryland, to be used under the direction of M. Zabik, Entomology, for study of PCB's: chemistry and toxicology.
157. Grant of \$1,500 from the Shell Development Company, Modesto, California, to be used under the direction of Angus Howitt, Entomology, for research on fruit insects.
158. Grant of \$31,000 from the U. S. Department of Agriculture, Washington, D.C., to be used under the direction of D. L. Haynes, Entomology, to study the population dynamics of the cereal leaf beetle.
159. Grant of \$12,900 from the National Research Council-National Academy of Sciences, Washington, D.C., to be used under the direction of W. H. Kelly, Physics, for the compilation of nuclear data.
160. Grant of \$11,000 from the U. S. Atomic Energy Commission, Washington, D.C., to be used under the direction of J. H. Hetherington, Physics, for research on few and many body problems.
161. Grant of \$40,000 from the U. S. Atomic Energy Commission, Washington, D.C., to be used under the direction of H. McManus, Physics, for the investigation of scattering problems and the theory of nuclear structure.
162. Grant of \$35,000 from the U. S. Atomic Energy Commission, Washington, D.C., to be used under the direction of P. S. Signell, Physics, for research on nucleon-nucleon interaction.
163. Grants totaling \$10,818 from the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to be used under the direction of Isabelle Payne, Nursing, for professional nurse traineeship program--long term.
164. Grant of \$4,500 from the Ingham County Health Department, Lansing, Michigan, to be used under the direction of J. Higgins and H. Slatis, Zoology, for research on sickle cell anemia in the black population of the Model Neighborhood in Lansing.
165. Grant of \$300 from the Lapeer State Home and Training School, Lapeer, Michigan, to be used under the direction of J. V. Higgins, Zoology, for research in human heredity.
166. Grant of \$16,065 from the National Institutes of Child Health and Human Development, Bethesda, Maryland, to be used under the direction of R. N. Band, Zoology, for continuation of support for the training of doctoral students in developmental biology in the Department of Zoology.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

September 9, 1971

167. Grant of \$23,077 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of C. S. Thornton, Zoology, for a career development award for Dr. Evelyn M. Rivera.
168. Grant of \$900 from the Kidney Foundation of Michigan, Ann Arbor, Michigan, to be used under the direction of M. S. Magen, Osteopathic Medicine, for a summer fellowship for a student who plans to continue education in the renal field.
169. Grant of \$3,500 from the Chrysler Corporation, Detroit, Michigan, to be used under the direction of Frank Schmidt and Robert Ruh, Psychology, to pay graduate students on a special research project.
170. Grant of \$6,000 from Licensed Beverage Industries, Inc., New York, to be used under the direction of R. A. Zucker, Psychology, to study the extent to which peer drinking behavior serves as a predictor of individual drinking in late adolescence.
171. Grant of \$54,807 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of D. M. Johnson, Psychology, for the experimental-general training program.
172. Grant of \$17,216 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of G. Wood, Psychology, for a study of organization and attributes of memory units.
173. Grant of \$5,300 from the National Institute of Mental Health, Public Health Service, Bethesda, Maryland, to be used under the direction of P. Manning and N. Davis, Sociology, for support for a graduate student.
174. Grant of \$52,386 from the National Institute of Mental Health, Washington, D.C., to be used under the direction of F. B. Waisanen, Sociology, to train teacher-scholars in the general area of cross-cultural and comparative studies.
175. Grant of \$46,175 from The Rockefeller Foundation, New York, to be used under the direction of J. W. Artis, Sociology, to cover the costs of the second year of a proposed two-year assignment for Professor Artis as a visiting professor of sociology at Makerere University, Kampala, Uganda, East Africa.
176. Grant of \$1,700 from the Chrysler Institute, Chrysler Corporation, Detroit, Michigan, to be used under the direction of M. Moore, Labor and Industrial Relations, to support research on organizational behavior at Chrysler Corporation.
177. Grant of \$5,000 from the National Institutes of Health, Washington, D.C., to be used under the direction of J. A. Snyder, Criminal Justice, to collect a significant data base to begin efforts at understanding the qualitative dimension of trans-racial adoption.
178. Grant of \$49,360 from the Social and Rehabilitation Service, Department of Health, Education, and Welfare, Washington, D.C., to be used under the direction of L. Barber, Social Work, for social work training in the area of child welfare.
179. Grant of \$10,350 from the Social and Rehabilitation Service, Department of Health, Education, and Welfare, Washington, D.C., to be used under the direction of T. Chavis, Social Work, to prepare minority group students to enter graduate study.
180. Grant of \$8,560 from the Social and Rehabilitation Service, Department of Health, Education, and Welfare, Washington, D.C., to be used under the direction of T. Chavis, Social Work, for training of student in rehabilitation services.
181. Grant of \$3,000 from the State of Michigan Executive Office, Lansing, Michigan, to be used under the direction of M. Boylan, Urban Planning and Landscape Architecture, to develop, in consultation with appropriate prison officials, a viable landscape development plan for the interior courtyard area of the Michigan Reformatory at Ionia.
182. Grant of \$4,919 from the Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, to be used under the direction of W. T. Ross, Asian Studies Center, for the study of political development in Nationalist China during the 1930's.
183. Grant of \$500 from the Modern Language Association of America, Columbia, South Carolina, to be used under the direction of H. Bergman, American Thought and Language, to work on Walt Whitman, The Journalism, volumes in The Collected Writings of Walt Whitman.
184. Grant of \$1,500 from the Michigan Veterinary Medical Association, Holland, Michigan, to be used under the direction of W. W. Armistead, Veterinary Medicine, for the Honors Convocation dinner.
185. Grant of \$700 from the Southern Michigan Obedience Training Club, to be used under the direction of W. W. Armistead, Veterinary Medicine, for the S.M.O.T.C. Veterinary Student Award.
186. Grant of \$750 from the Michigan TB and Respiratory Disease Association, Lansing, Michigan, to be used under the direction of S. K. Quadri and V. H. Mallmann, to develop an in vitro test for tuberculin sensitivity, in the Department of Microbiology and Public Health.

B. GIFTS AND GRANTS, continued

September 9, 1971

Gifts and
Grants

187. Grant of \$7,000 from The Upjohn Company, Kalamazoo, Michigan, to be used under the direction of R. F. Langham, Pathology, for fellowship stipends for a veterinarian in graduate training in pathology.
188. Grant of \$6,000 from the Michigan TB and Respiratory Disease Association, Lansing, Michigan, to be used under the direction of J. E. Gibson, Pharmacology, to study mechanisms of pulmonary fibrosis.
189. Grant of \$16,884 from the National Institutes of Health, to be used under the direction of J. M. Schwinghamer, Physiology, to study cardiovascular responses to hypothermia.
190. Grant of \$10 from Mrs. Boots Lowther and daughters, Belleville, Michigan, to be used under the direction of F. H. Oberst, Large Animal Surgery and Medicine, to further the study in the equine research area.
191. Grant of \$5 from Mr. William B. Stores, Flint, Michigan, to be used under the direction of W. F. Keller, Small Animal Surgery and Medicine, to support research in the Department.
192. Grant of \$28,600 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. R. Kukelow, Center for Laboratory Animal Resources, for research in the control of ovulation and capacitation in the non-human primate.
193. Grant of \$20,300 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. R. Dukelow, Center for Laboratory Animal Resources and Physiology, for a career development award.
194. Grant of \$32,193 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. E. Chapin, Libraries, to strengthen library resources and services in health services.
195. Grant of \$650 from Lear Siegler, Inc., Grand Rapids, Michigan, to be used under the direction of A. L. Hunter, Continuing Education Service, to further engineering education through the Continuing Education Service.
196. Grant of \$2,500 from The Allstate Foundation, Detroit, Michigan, to be used under the direction of G. H. Sheehe, Highway Traffic Safety Center, to pay for room, board, and registration for 100 delegates plus conferences expense for the Second Annual Leadership Conference for Michigan Women for Highway Safety.
197. Grant of \$2,500 from The Allstate Foundation, Detroit, Michigan, to be used under the direction of G. H. Sheehe, Highway Traffic Safety Center, for scholarships for high school driver education teachers taking courses during the summer 1971 program.
198. Grant of \$13,440 from the Michigan Office of Highway Safety Planning, East Lansing, Michigan, to be used under the direction of G. H. Sheehe, Highway Traffic Center, for a pilot project to design and test a method for the assessment of local highway traffic safety programs and activities.
199. Grant of \$22,000 from the State of Michigan, Department of Education, Lansing, to be used under the direction of R. Green, Center for Urban Affairs, for an interdisciplinary approach to a strategy for reducing inter-group conflict.
200. Grant of \$4,750 from the National Park Service, Michigan Department of Natural Resources, to be used under the direction of C. E. Cleland, Museum, to support the partial archaeological excavation and analysis of prehistoric Indian and historic settler occupation of the O'Neill site, Charlevoix County, Michigan.
201. Grant of \$44,996 from the U. S. Agency for International Development, Washington, D. C., to be used under the direction of K. Harrison and D. Henley, Institute for International Business and Economic Development Studies, to extend research of Latin American Market Planning Center in accordance with Amendment No. 16 of Contract AID/1a-364 which is on file in the Office of Research and Contract Administration.
202. Grant of \$15,000 from The Rockefeller Foundation, New York, to be used under the direction of C. R. Wharton, Jr., President, for the costs of a program of internships in university administration.
203. Grant of \$17,836 from the U. S. Public Health Service, to be used under the direction of R. D. Schuetz, Institute of Biology and Medicine, for the Allied Health Professions Advanced Traineeship Grant.
204. Grant of \$200 from the Bureau of Social Science Research, Inc., Washington, D.C., to be used under the direction of M. E. Muelder, Research Development and Graduate School, for payment for participating in NIH/NIMH survey.
205. Grant of \$17,185 from The Ford Foundation, New York, to be used under the direction of C. W. Minkel, Graduate School, to provide support for Mr. Leonard Espinosa on a Ford Foundation Advanced Study Fellowship for Mexican-Americans and Puerto Ricans.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

September 9, 1971

206. Grant of \$5,000 from the National Science Foundation, Washington, D.C., to be used under the direction of C. W. Minkel, Graduate School, for the cost-of education allowances for NSF Science Faculty Fellows in the Department of Mathematics.
207. Grant of \$12,500 from the U. S. Army Corps of Engineers, Detroit, Michigan, to be used under the direction of R. C. Ball, Institute of Water Research, for the Waste Water Management Program feasibility study of Southeastern Michigan region.
208. Grant of \$2,128.77 from the Michigan Osteopathic Scholarship and Research Foundation, Pontiac, Michigan, to be used under the direction of H. C. Kykema, Financial Aids Office, for short-term, interest free loans for osteopathic students.
209. Grant of \$1,001,047 from the Department of Health, Education, and Welfare, to be used under the direction of H. C. Dykema, Financial Aids Office, as additional funds to employ needy students in the College Work-Study Program.

On motion by Trustee Martin, seconded by Trustee Thompson, it was unanimously voted to accept the gifts and grants.

Bids and
Contract
Awards

C. BIDS AND CONTRACT AWARDS

1. The following bids were received on July 22 for the Television Distribution System for Life Science I:

Cruse Communications Co.	\$113,685.00
Sylvania	115,670.00
General Television	119,768.42

Since receiving the bids the representatives of the medical program and Closed Circuit Television have recommended an additional expenditure of \$16,130.00 for additional carrels plus a student response system.

It was recommended that the contract as amended be awarded to the Cruse Communications Company and the following budget be established:

Cruse Communications Co.	\$113,685.00
Pre-Contract Bulletin (estimate)	16,130.00
Receivers, monitors, and stands	37,490.00
Supervision by IMC/CCTV	1,673.00
Contingency	6,022.00

Total Budget	\$175,000.00
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2. Bids were opened on August 27, 1971 for the Tennis Court Repair and Resurfacing. Below is a tabulation of bids received.

	<u>Base Bid</u>	<u>Alt. No. 1</u>	<u>Alt. No. 2</u>
Souter Const. Co.	\$84,370.00	-0-	+\$10,700.00
Rieth-Riley Const. Co.	92,928.00	-0-	+ 9,900.00
Spartan Asphalt Paving Co.	94,999.00	-0-	+ 10,000.00

Campus Parks and Planning recommended that a contract be awarded to Souter Construction Company for the sum of \$84,370.00 including Alternate No. 1.

It was recommended that a project budget be established for the amount of \$90,000.00 as originally presented to the Board. This amount will cover testing, engineering fees, and contingency items.

On motion by Trustee Huff, seconded by Trustee Thompson, it was unanimously voted to approve the recommendations in items 1 and 2 above.

3. Bids were opened on August 18, 1971 for synthetic sports surfacing for Jenison Fieldhouse, Men's I.M. Arena, and Outdoor Track. Below is a tabulation of bids received.

Proposal No. 1. Asphalt Base Course

Rieth-Riley Construction Co., Inc.	\$ 98,256.00
Spartan Asphalt Paving Co.	113,849.00

Proposal No. 2. Synthetic Sports Surfacing

Professional Products, Inc. (using Professional Products "Proturf" and Monsanto "Astro Turf")	\$287,722.00
Bauer-Foster Floors, Inc. (using 3M "Tartan" products)	324,924.00
John B. Rossi Co. (using American Bilt Rite "Uniturf" and "Polyturf")	327,700.00
Cincinnati Flooring Co. (using 3M "Tartan" products)	364,000.00

Tennis Court
Repair and
ResurfacingSynthetic
Sports Surfac-
ing for Jenison
Fieldhouse,
Men's IM Arena,
Outdoor Track

C. BIDS AND CONTRACT AWARDS, continued

September 9, 1971

Bids and
Contract
Awards

3. Synthetic Sports Surfacing, continued

It was recommended that a contract be awarded to Rieth-Riley Company for the asphalt base course installation and to Bauer-Foster Floors for the synthetic surfacing, and that the following budget be established for this project.

Asphalt Base Course	\$ 98,256.00
Synthetic Sports Surfacing	324,924.00
Entrance Grating	12,000.00*
Equipment	24,000.00*
Physical Plant Engineering	4,000.00*
Contingency	<u>4,020.00</u>

Total Budget \$467,200.00

*Estimates

On motion by Trustee Martin, seconded by Trustee Thompson, by a vote of 6 to 2, the Trustees approved the recommendations to award contracts to Reith-Riley Co. and Bauer-Foster Floors and the budget for the above project.* Trustees Huff and White voted "No." Executive Vice President Breslin explained that the \$24,000 equipment item represents the cost of intramural equipment in the Fieldhouse.

4. The following bids were received on September 3 for Fee Hall Conversion - Phase II:

Phase II of
Fee Hall
Conversion

	Base Bid	Deduct for Separate Contract
<u>GENERAL CONTRACTORS</u>		
Foster, Schermerhorn, Barnes	\$336,777	\$3,500
The Christman Company	356,794	5,000
Haussman Construction	374,800	10,000
Clark Construction	380,000	2,500
Britsch Construction	381,000	15,000
Hanel-Vance Construction	392,300	5,000
Chas. Featherly Construction	410,000	8,000
<u>MECHANICAL CONTRACTORS</u>		
Shaw Winkler	\$448,200	
Bosch Plumbing & Heating	450,454	
United Piping and Erecting	467,677	
Dard, Inc.	473,965	
W. A. Brown Corporation	486,399	
Spitzley Corporation	512,400	
<u>ELECTRICAL CONTRACTORS</u>		
Quality Electric	\$202,700	
Root Electric, Inc.	219,500	
Barker-Fowler Electric Co.	227,290	
Superior Electric of Lansing, Inc.	228,224	
Martin Electric of Lansing, Inc.	233,500	
Hatzel & Buehler, Inc.	237,500	
Hall Electric Company	253,900	
Lansing Electric Mtrs. Const'n, Inc.	263,090	
Harlo Corporation	294,900	

It was recommended that separate contracts be awarded to Foster, Schermerhorn, Barnes in the amount of \$333,277, to Shaw-Winkler in the amount of \$448,200, and to Quality Electric in the amount of \$202,700.

It was also recommended that the following budget be established for this project.

General Contract	\$ 333,277
Mechanical Contract	448,200
Electrical Contract	202,700
Contingencies	50,823
Engineering, Supervision and Expediting	<u>45,000</u>

Total Expected Expenditures \$1,080,000

Funds will be available from legislative appropriations to cover funding of this project.

On motion by Trustee Carrigan, seconded by Trustee Merriman, it was unanimously voted to approve the awarding of the contracts and the budget for the Fee Hall Conversion - Phase II.

*At the October 15, 1971 Board meeting Trustee Huff requested that the reason for awarding the contract to the second low bidder for the synthetic sports surfacing be noted in the minutes. The reasons were as follows:

1. The lower bidder does not have any installation over 3 years old whereas a 5-year requirement was specified;
2. While their material seems to be satisfactory for indoor use, we have nothing on which to base a recommendation for its use as an all-weather installation;
3. Because the University will invest over \$450,000.00 in this project, the need was felt to recommend a firm with the strongest experience we could obtain.

Other Items
for Action1971-72 Budget
approvedD. OTHER ITEMS FOR ACTION

September 9, 1971

1. 1971-72 Budget

The following 1971-72 budget items were presented by Vice President Wilkinson and Provost Cantlon.

a. UNIVERSITY GENERAL

<u>Estimated Income</u>		<u>Estimated Expenditures</u>	
Student Fees	\$ 30,209,000	Salaries	\$ 69,193,334
State Appropriation	65,318,000	Labor	8,973,713
Federal Funds:		Supplies & Services	21,075,580
Morrill Nelson	298,000	Equipment	2,004,363
Other Income:			
Application Fees	\$ 325,000		
Departmental Receipts	1,800,000		
Vocational Education			
Reimbursement	50,000		
Recovery on Research			
Contracts	<u>2,747,000</u>		
	4,922,000		
Equity	<u>500,000</u>		
	<u>\$101,247,000</u>		<u>\$101,247,000</u>

b. AGRICULTURAL EXPERIMENT STATION

<u>Estimated Income</u>		<u>Estimated Expenditures</u>	
Federal Grants:			
Hatch		Salaries	\$4,703,451
(Requires matching)	\$1,418,653		
Hatch R.R.F.		Retirement	373,454
(Requires matching)	262,852		
McIntire-Stennis		Social Security	166,032
(Requires matching)	<u>51,328</u> \$ 1,732,833	Hospitalization	
State Appropriations:		Insurance &	
Regular State	\$4,674,000	Longevity	<u>62,085</u> \$ 5,305,022
Field Crop Research:		Project Expense	2,241,811
Bean & Beet Plant Res.	80,000		
Soft White Winter Wheat	75,000		
Sod Production	50,000		
Horticultural Crop Res:			
Vegetable & Fruit Res.	100,000		
Mechanization of			
Harvesting	40,000		
Extending Peach Tree Life	24,000		
Fruit & Vegetable			
Weather Adapt.	36,000		
Livestock Research:			
Mastitis	50,000		
Beef Cattle Forage	75,000		
Cattle & Swine Infertility	50,000		
Pest Control:			
Pesticide Research	500,000		
Integrated Control			
Fruit Pests	40,000		
Trees	<u>20,000</u> \$ 5,814,000		
	<u>\$ 7,546,833</u>		<u>\$ 7,546,833</u>

c. COOPERATIVE EXTENSION SERVICE

<u>Estimated Income</u>		<u>Estimated Expenditures</u>	
Federal:		Salaries	\$6,689,251
Smith-Lever Amended		Retirement	565,000
(Requires matching)	\$2,798,727		
Nutrition Education	1,663,028	Social Security	60,000
AMA Federal		Federal Group	
(Requires matching)	128,711	Life Insurance	20,000
Rural Development	31,869 \$ 4,622,335	Longevity	6,500
State Appropriations	4,956,000	Hospitalization	
Soil Conservation Committee	10,400	Insurance	<u>115,000</u> \$ 7,455,751
County Grants	<u>153,700</u>	Travel and	
	<u>\$ 9,742,435</u>	Maintenance	<u>2,286,684</u>
			<u>\$ 9,742,435</u>

(The detailed 1971-72 budgets are filed in the Secretary's Office.)

D. OTHER ITEMS FOR ACTION, continued

September 9, 1970⁷¹

Other Items
for Action

1. 1971-72 Budget, continued

- d. Recommendation that the following fee schedule, which applied during the 1970-71 school year, be approved for 1971-72:

1970-71 Fee
Schedule
approved

	Per Credit Hour	
	Undergraduate	Graduate
Resident Students	\$14	\$15
Non-Resident Students	\$33	\$34
Off-Campus Students	\$22	\$22

- e. Recommendation that the following fee refund policy be made effective fall term 1971:

Revised Fee
Refund Policy
approved

If a student withdraws from the University or drops a course which reduces his total load, the refund policy will be:

- (1) For changes made through the last day for adding courses (currently the fifth day of classes) - one-half of the regular course fees and all of the non-resident tuition for the net credits dropped will be refunded, i.e., the University will retain half of the resident fees.
- (2) For credits dropped after the last day for adding courses - no fees will be refunded.

The last day for adding courses is set forth in the University calendar each term. It is assumed that the Registrar's Office and the Withdrawal Office will continue to exercise discretion in the implementation of this policy when students drop credits or withdraw under circumstances which are beyond their control. Every effort will be made to notify all students of this change in policy and to counsel them as to its effect on their plans.

- f. Recommendation that an Athletic Budget of \$2,144,300 be approved.

1970-71
Athletic
Budget
approved

Vice President Wilkinson explained that the State appropriation included only a 3.5% wage adjustment for faculty and staff, but through adjustments to the current operating base of all departments, approximately 3% additional had been provided. When the Federal wage and price freeze is either lifted or modified, recommendations for salary adjustments for faculty and staff will be made to the Trustees.

Motion was made by Trustee Huff, seconded by Trustee Thompson, to approve the 1971-72 University General, Agricultural Experiment Station, Cooperative Extension Service, and Athletic budgets; the 1971-72 fee schedule, and the fee refund policy as recommended. Unanimously carried. Trustee Huff stated that he would like to have the University make a long-range study of the fee structure.

2. Vice President Wilkinson and Provost Cantlon presented the proposed budget request for the fiscal year 1972-73, which is summarized as follows:

1972-73 Budget
Request
approved

Recommended 1972-73

General Fund	\$ 124,452,000
Agricultural Experiment Station	8,945,727
Cooperative Extension Service	10,823,751

(A more detailed summary of this request is filed in the Secretary's Office.)

Executive Vice President Breslin reported that it would be necessary to submit a capital outlay request for fiscal 1972-73 prior to the October meeting of the Board. He asked for permission to submit the tentative capital outlay request in September as requested by the Governor's Office. This request will be on the October agenda for final approval by the Board.

Motion was made by Trustee Thompson, seconded by Trustee Carrigan, and unanimously carried to approve the 1972-73 budget and tentative capital outlay requests. Trustee White stated that he felt that higher education would have to find a source of funding other than state appropriations and student fees, and Trustee Hartman asked that a discussion of alternate plans be included in a future Board agenda.

3. Motion was made by Trustee Stevens, supported by Trustee Carrigan, and unanimously carried to approve the following resolution:

Resolution re
Student Voter
Registration

WHEREAS: The voting age in all elections has recently been lowered from 21 to 18, thus creating an unusually large number of newly eligible voters. U.S. Constitutional Amendment, No. 26.

WHEREAS: The Michigan Supreme Court has this year unanimously ruled that students must be treated the same as all residents, for the purpose of registering and voting; and

WHEREAS: A majority of Michigan State University students are between the ages of 18 and 21 and may be unfamiliar with voter registration procedures in East Lansing and the surrounding communities and the definition of "residence" for voting purposes; and

Other Items
for ActionD. OTHER ITEMS FOR ACTION, continued

September 9, 1971

3. Voter Registration, continued

WHEREAS: It is a proper educational and social function for Michigan State University to affirmatively inform, encourage, and assist all members of the university community to register to vote, especially the new resident and the newly eligible voter.

THEREFORE, BE IT RESOLVED: That it shall be the policy of Michigan State University to affirmatively inform, encourage, and assist students to conveniently register to vote and to use their elective franchise; and

FURTHER, BE IT FINALLY RESOLVED: That all Michigan State University personnel be informed of this policy and urged to assist and cooperate with voter registration groups and media representatives in their efforts to publicize voter registration requirements and information and to register students to vote during university student registration and at other appropriate times and places of public convenience.

Reports

E. REPORTS

1. The report of the Special Review Committee on the All-University Traffic Committee, as well as the administration's position on this report, had been previously distributed to the Trustees. However, since the Review Committee had not had an opportunity to react to the administration's position, it was agreed that a discussion of the Special Review Committee report would be deferred until the October 15, 1971 Board meeting.

Report by V.P.
Perrin on
Equal Oppor-
tunity and
Affirmative
Action 1970-1971

2. Vice President Perrin discussed the Report on Equal Opportunity and Affirmative Action at Michigan State University 1970-1971, which had been previously distributed to the Trustees. He stated that the anti-discrimination machinery which evolved from the Brookover Committee Report adopted by the Trustees on February 28, 1970 has been very effective. He expressed confidence that no deliberate policies of discrimination which are countenanced or supported by the administration exist at MSU. We do, however, have individual cases of bias or judgment which are more difficult to uncover but which are being dealt with on an individual basis. An affirmative action plan which sets hiring goals for women faculty, minority faculty, and non-academic employees is presented in the report.

Dr. Joseph McMillan, Director of Equal Opportunity Programs and Executive Secretary of the Committee Against Discrimination, and Mrs. Mary Sharp, Executive Secretary of the Anti-Discrimination Judicial Board, also spoke briefly about the report. Dr. McMillan reported that requests come in almost daily from other institutions for information and ideas as they attempt to set up grievance procedures. He also stated that we have excellent relationships with other civil rights agencies in the state.

Trustee Carrigan stated that she felt the recommendation of goals for the recruitment of women faculty was not very aggressive and is one that will have unfortunate consequences.

Trustee Stevens described the involvement of several state universities in the problems of migrants and expressed the hope that our Equal Opportunities Programs would participate fully in these kinds of programs in the future. He also pointed out that in some cases women faculty members whose husbands are also members of the faculty might not wish to be advanced in their departments.

Trustee Huff agreed with Trustee Carrigan that the goals for the recruitment of women were not acceptable.

President Wharton indicated his willingness to review with Vice President Perrin's staff the target goals, but he pointed out that significant increases in the goals might require additional specified funding.

Trustee Thompson said he felt people should be selected on the basis of their motivation, ability, and what they could contribute and not because of their color or sex.

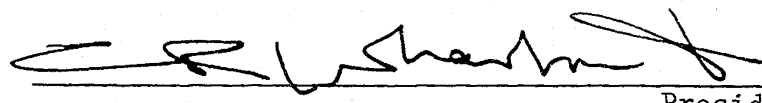
Vice President Perrin made the point that the situation would be improved through the entry of increased numbers of women and minorities into the graduate schools.

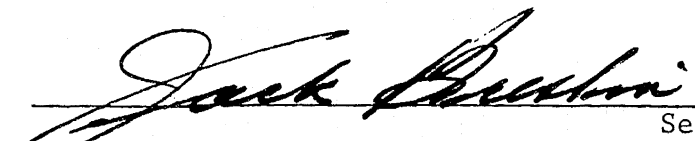
President Wharton assured the Trustees that the affirmative action plan would be reported on again at the October Board meeting.

Progress Report
on Water Qual-
ity Improvement
Program delayed
Report on Fin-
ancial Aids
Program delayed
Tentative out-
line for Cross-
Campus Hearing,
Oct. 14, 1971

3. Vice President Muelder's presentation of a progress report on the Water Quality Improvement Program was postponed until the October Board meeting.
4. It was agreed to delay the report on the Financial Aids Program until the October meeting of the Trustees.
5. President Wharton distributed a tentative outline of the plans for the public hearing on the proposed Cross-Campus Highway, scheduled for 1:30 p.m., October 14, 1971, with additional hearings to be scheduled if necessary. President Wharton suggested that the Trustees should delay action on this proposal until the November 19th Board meeting, after they have had an opportunity to consider the information presented in the public hearing.

Meeting adjourned at 6:37 p.m.


President


Secretary