

MINUTES OF THE MEETING
of the
FINANCE COMMITTEE
April 16, 1971

President Wharton called the Finance Committee meeting to order at 7:30 a.m. at Kellogg Center.

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

Absent: No one.

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

Investment
recommendations

Forest Akers Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend selling:					
260	Deere & Company	\$ 43	\$ 11,180	\$ 520	4.7%
Recommend purchasing:					
Up to 235	Libbey-Owens-Ford	47	11,045	470	4.3%

Albert Case Fund

Recommend selling:					
530	Deere & Company	43	22,790	1,060	4.7%
Recommend purchasing:					
Up to 660	Libbey-Owens-Ford	47	31,020	1,320	4.3%

A.H. & S. A. Case Fund

Recommend selling:					
400	Deere & Company	43	17,200	800	4.7%
Recommend purchasing:					
Up to 365	Libbey-Owens-Ford	47	17,155	730	4.3%

Consolidated Investment Fund

Recommend selling:					
1,040	Deere & Company	43	44,720	2,080	4.7%
Recommend purchasing:					
600	Bankamerica	69	41,400	1,320	3.2%
Up to 1,045	Libbey-Owens-Ford	47	49,115	2,090	4.3%

Damm & Wahlen Scholarship Fund

Recommend selling:					
400	Deere & Company	43	17,200	800	4.7%
Recommend purchasing:					
Up to 365	Libbey-Owens-Ford	47	17,155	730	4.3%

Retirement Fund

Maturing:					
1,000	MSC Apt. Bldg. Revenue	100	1,000	34	3.4%
Recommend selling:					
9,500	Deere & Company	43	408,500	19,000	4.7%
Recommend purchasing:					
Up to 2,370	Bankamerica	69	163,530	5,214	3.2%
6,400	Libbey-Owens-Ford	47	300,800	12,800	4.3%

Fred T. Russ Fund

Recommend selling:					
200	Deere & Company	43	8,600	400	4.7%
Recommend purchasing:					
Up to 180	Libbey-Owens Ford	47	8,460	360	4.3%

Investment
recommendations

1. Investment recommendations, continued

Simonsen Scholarship Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend selling:					
160	Deere & Company	\$ 43	\$ 6,880	\$ 320	4.7%

Recommend purchasing:					
Up to 145	Libbey-Owens-Ford	47	6,815	290	4.3%

Skinner Fund

Recommend selling:					
300	Deere & Company	43	12,900	600	4.7%

Recommend purchasing:					
Up to 275	Libbey-Owens-Ford	47	12,925	550	4.3%

Jack B. Fields Memorial Fund

Recommend selling:					
60	Deere & Company	43	2,580	120	4.7%

Recommend purchasing:					
Up to 54	Libbey-Owens-Ford	47	2,538	108	4.3%

John A. Hannah Professorship Fund

Recommend selling:					
1,520	Deere & Company	43	65,360	3,040	4.7%

Recommend purchasing:					
Up to 113,000	Ford Motor Credit Notes 6-29-71		113,000		
200	Bankamerica (making 1,016)	69	13,800	440	3.2%
1,500	Libbey-Owens-Ford	47	70,500	3,000	4.3%

Jenison Fund

Maturing:					
2,000	MSC Apt. Bldg. Revenue	100	2,000	68	3.4%

Recommend selling:					
540	Deere & Company	43	23,220	1,080	4.7%

Recommend purchasing:					
Up to 535	Libbey-Owens-Ford	47	25,145	1,070	4.3%

Rackham Fund

Maturing:					
1,000	MSC Apt. Bldg. Revenue	100	1,000	34	3.4%

Recommend purchasing:					
1,000	Ford Motor Credit Notes 6-29-71	100	1,000		

Motion was made by Trustee Thompson, seconded by Trustee Huff, to approve the above investment recommendations. Unanimously carried.

2. Vice President Wilkinson introduced Mr. William Broucek of the Ann Arbor Trust Company who presented a proposal for the financing of \$6,800,000 Housing Revenue Bonds.

The bond issue is being proposed for the following purposes:

a. Holden Hall (unfunded balance)	\$1,071,000
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	4,327,000
Total	\$7,410,000
Less: Unexpended plant fund balance	400,000
Unused 1970-71 net income from Brody Dormitory Group, Spartan Village Apartments and University Village Apartments	210,000
Total	\$6,800,000

Motion was made by Trustee Merriman, seconded by Trustee Hartman to approve the bond issue. Motion carried by a vote of 6 to 2. Trustee Huff and Trustee White voted "No."

Motion was made by Trustee Huff, seconded by Trustee Martin, that the Board be polled by telephone to approve the sale of the bonds. Motion approved. It was estimated, based upon current conditions in the bond market, the net interest cost on this proposed bond issue should be approximately 5.75%.

Ann Arbor
Trust Proposal
for Financing
\$6,800,000
Housing Revenue
Bonds

- 3. The Board of Trustees accepted gifts from Dr. Margaret M. Bott on January 15, 1971 for \$10,000 for the Presidents Club and on February 19, 1971 for \$10,000 for the MSU Development Fund. The MSU Development Fund has received information that Dr. Bott is mentally incompetent and the gifts will not be made.

Margaret Bott gifts to Dev. Fund not to be made

It was recommended that the Board action accepting these gifts be rescinded.

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

- 4. On February 19, 1971 the Board of Trustees approved the sale of 1,717 shares of common stock of General Tire and Rubber Co., held in the John A. Hannah Professorship Fund. Subsequent to the approval, a stock dividend of 34 shares was received and the shares were sold by the Ann Arbor Trust Co.

Approval sale 34 sh Gen. Tire & Rubber stock in Hannah Prof. Fund

It was recommended that the Board of Trustees approve the sale of the 34 shares of common stock of General Tire and Rubber Co. held in the John A. Hannah Professorship Fund.

On motion by Trustee Merriman, seconded by Trustee Hartman, it was unanimously voted to approve the above recommendation.

- 5. The University has received a National Science Foundation grant in the amount of \$200,000 to be used under the direction of Dr. George Lauff, Director of the Kellogg Biological Station, for an "experimental pond facility for investigation of fresh water ecosystems."

Johnson & Anderson employed for experimental pond facility at Kellogg Biol. Sta.

It was recommended that the Trustees authorize the University to engage the firm of Johnson & Anderson, Pontiac, for professional engineering services relating to this project, to be paid at a fee according to the schedule of fees published by the American Society of Civil Engineers.

The grant application indicates that it is intended to award contracts in May, so it is assumed we will go out for bids in time to present a recommendation for award to the Board in May.

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

- 6. Executive Vice President Breslin reviewed for the Trustees the current proposal for a new Ice Arena. He also reviewed the participation of the Athletic Council in this recommendation. There seemed to be agreement by the Board that a new Ice Arena is needed but there is also concern that an All-Events Building is needed as much or perhaps to even a greater degree than the Ice Arena. Certain Trustees also expressed interest in the Performing Arts Center. The Board also expressed its concern that should the Ice Arena proposal be approved now, it would delay for a considerable length of time the construction of an All-Events Building and other needed capital projects.

Pres. Wharton to appoint committee to study financing of Ice Arena and All-Events Bldg.

It was moved by Trustee Merriman, seconded by Trustee White, that President Wharton appoint a committee to restudy a combined proposal of an Ice Arena and an All-Events Building and report to the Board at its May meeting. The motion failed. Trustees Merriman, White, Thompson, and Hartman voted "Yes," Trustees Stevens, Carrigan, Martin, and Huff voted "No."

Trustee Martin moved, seconded by Trustee Stevens, that the Board approve the proposal for the Ice Arena and that the administration try to work out a financing scheme for the All-Events Building and Performing Arts Center and report to the Board as soon as possible. The motion failed. Trustees Stevens, Carrigan, Martin and Huff voted "Yes," Trustees Merriman, Hartman, Thompson, and White voted "No."

Executive Vice President Breslin indicated to the Trustees that in all probability the proposed Performing Arts Center would become a part of an all-university capital funds program and really should not be considered in a financing program for the Ice Arena and the All-Events Building.

Performing Arts Ctr. probably will become part of capital out-lay program

It was moved by Trustee Merriman, seconded by Trustee White, that the President appoint a committee to study the possibility of a combined financing of an Ice Arena and an All-Events Building and report to the Board in May. The motion passed unanimously.

- 7. Executive Vice President Breslin presented for the Board's consideration the possibility of selling 41 acres of University land located on Dobie Road in Meridian Township. Approximately one-third of this acreage is flood plain. If the University retains this property, it must be fenced and policed, which is not occurring now. It was recommended that the proceeds realized from the sale of this property be retained in a separate fund for the purchase of other property that the University from time to time feels would be appropriate to purchase.

Approval not given for sale of 41 acres of Dobie Road property

It was moved by Trustee Stevens, seconded by Trustee Carrigan, to sell the 41 acres of land. The motion failed. Trustees Stevens, Carrigan, Martin, and Thompson voted "Yes," Trustees Merriman, Huff, White, and Hartman voted "No."

Highway M-43
(Cross-Campus
Route) to be
discussed with
Mich. Dept. of
State Highways
and City of
East Lansing

8. Executive Vice President Breslin reviewed for the Trustees the negotiations that have been held through the years with the Michigan Department of State Highways and the City of East Lansing relative to Highway M-43 (Cross Campus route).

President Wharton indicated to the Trustees that this matter was before the Board again only because there seems to be a growing unhappiness among students and faculty for the highway. President Wharton also indicated that at a March 26 meeting with State Highways Director Henrik Stafseth some of the concerns of the students and faculty were relayed to the Highways Department people. The Highways people were informed that this matter would be brought back to the Board for its reaffirmation. Director Stafseth was very positive in stating that he needed to know at once if there was a possibility that the Board was going to reverse its prior approval of the highway and its design.

It was pointed out that the current design of this highway is not agreeable to all parties, but a compromise reached by the University, the Highways Department, and the City of East Lansing based on available funds.

Trustee Huff moved, seconded by Trustee Stevens, that the Trustees reaffirm their previous action. After further discussion, Trustee Huff withdrew his motion and Trustee Stevens withdrew his second.

It was moved by Trustee Carrigan, seconded by Trustee Stevens, that the Board invite Mr. Henrik Stafseth, Director of the State Highways Department, and Mr. Jack Patriarche, City Manager of East Lansing, to meet with the Board in May. Motion passed unanimously.

Mich. Osteo.
Advisory Board
members to be
reimbursed for
Board meeting
expenses

9. Executive Vice President Breslin reported to the Board that Mr. Walter Patenge, Chairman of the Michigan Osteopathic Advisory Board, had requested that the Advisory Board members be reimbursed for necessary expenses incurred in attending their Board meetings.

It was moved by Trustee Stevens, seconded by Trustee Huff, that members of the Michigan Osteopathic Advisory Board be reimbursed for necessary expenses incurred in attending their Board meetings. Motion approved by a vote of 6 to 2. Trustee White and Trustee Hartman voted "No."

Report by Exec.
V.P. Breslin re
budget hearings
for 1971-72
appropriations

10. Executive Vice President Breslin reported to the Board that the Appropriations Committees have established no budget hearing dates. It is very questionable that new appropriations will be made before July 1, 1971. The best guess now is about September 1. Mr. Breslin indicated hearings on the Fee Hall renovation are continuing. Progress is being made on this project. It is anticipated that by May it will be possible to give the Board a more definite set of guidelines on appropriations and capital outlay.

Board interest
in Water
Quality project
restated

11. Provost Cantlon reported to the Board that on May 10 we must certify to the Ford Foundation that we have the matching funds from some University source or forfeit their grant of \$450,000 for the Water Quality project.

Executive Vice President Breslin reported that the deferred appropriation in this year's Capital Outlay Bill for the Water Quality Management Facility will not be included in the 1971-72 Capital Outlay Bill.

The Board restated its interest in the project and indicated a willingness to make the necessary financial commitments to preserve this project.

Discussion by
Univ. attorney
re Bookstore
pricing policy

12. Attorney Carr indicated that he had sent to all Trustees a copy of the Attorney General's Opinion regarding the University Bookstore pricing of used books. He further stated that regardless of the Attorney General's opinion, it was his opinion that should the University change its buy-back and selling price of used books, the University would be faced with a lawsuit by the East Lansing bookstores citing unfair competition. President Wharton reported that another review of the financial aspects of this matter is being made in light of today's financial status of the University Bookstore and suggested that any decision on this matter be held up until the May meeting of the Board.

State of Mich.
Medical Augmen-
tation grant of
\$65,000 dis-
tributed

13. Michigan State University qualified for a State of Michigan Medical Augmentation grant in the amount of \$65,000. A check for this amount has been received from the State and it is recommended that these funds be assigned to the College of Human Medicine for allocation as follows:

Dean's Office:	
Labor	\$ 3,000
Supplies & Services	12,000
Equipment	28,000
Department of Anatomy - Labor	1,200
Department of Biochemistry - Supplies & Services	3,000
Department of Biophysics - Supplies & Services	1,000
Department of Human Development - Supplies & Services	5,000
Department of Medicine - Supplies & Services	3,000
Department of Physiology - Supplies & Services	2,000
Department of Psychiatry - Supplies & Services	5,000
Department of Sociology - Supplies & Services	1,800
 Total	 \$65,000

It was moved by Trustee Huff, seconded by Trustee Martin, to approve the above recommendation. Unanimously carried.

Minutes of the Finance Committee Meeting

April 16, 1971

14. President Wharton presented to the Board the recommendations of the Awards Committee of the Executive Board of the MSU Alumni Association for the Distinguished Alumni Award at the June 1971 commencement:

Eli Broad, '54, Los Angeles, California. President and Chairman of the Board, Kaufman & Broad Company. Also, Development Council, MSU Development Fund.

Russell Mawby, '49, Ph.D '59, Augusta, Michigan. President W. K. Kellogg Foundation, Battle Creek, Michigan.

Irwin S. Meltzer, '50, Harrison, New York. President, Beaunit Mills Corporation, New York City.

George B. Peters, '36, Aurora, Illinois. President, Aurora Metals Company.

Edward E. Rothman, w '19, Bloomfield Hills, Michigan, Retired Senior Vice President, Campbell-Ewald Company, Detroit. Currently, Vice Chairman, Development Council, MSU Development Fund.

A. R. Chamberlain, '51, Fort Collins, Colorado. President, Colorado State University.

While six have been nominated, only four awards will be given. Mr. Rothman and Mr. Chamberlain are alternates and will be used only if any of the first four are unable to attend the commencement.

It was moved by Trustee Thompson, seconded by Trustee Carrigan, to approve the above recommendations. Unanimously carried.

Trustee Stevens suggested that perhaps at a future date Mr. William T. Patrick should be considered for an honorary degree. President Wharton indicated that this recommendation would be passed on to the Honorary Degree Committee.

Adjourned.

Nominees for
Dist. Alumni
Awards June
1971:

Eli Broad
Russell Mawby
Irwin Meltzer
George Peters
Edw. Rothman
A. R. Chamberlain

William T.
Patrick sug-
gested for
Honorary Degree

MINUTES OF THE MEETING
of the
BOARD OF TRUSTEES
April 16, 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 Dickerson, Muelder, Perrin, Assistant to the President Ballard.

Absent: No one.

The Board convened in the Board Room at 11:10 a.m. - President Wharton presiding.

Motion was made by Trustee Thompson, seconded by Trustee Martin, to approve the minutes of the March 19, 1971 Board meeting as amended. Unanimously carried.

SPECIAL MISCELLANEOUS

1. On motion by Trustee Carrigan, seconded by Trustee Thompson, it was unanimously voted to approve the minutes of the April 16 Finance Committee meeting.

A. PERSONNEL CHANGES

Resignations and Terminations

Resignations

1. Fredrick A. Clinton, 4-H Youth Agent in Chippewa, Luce and Mackinac Counties, effective March 31, 1971, to take employment with the Water Resource Commission, State of Michigan.
2. William E. Tedrick, Program Leader, 4-H Youth Programs, effective May 15, 1971, to accept a position as Editor & Head of Agricultural Information Services, Texas A&M University, College Station, Texas.
3. James R. Kirk, Instructor in Food Science and Human Nutrition, effective April 30, 1971. He is being reappointed as Assistant Professor.
4. Armin Grams, Adjunct Professor of Family and Child Sciences, effective March 15, 1971.
5. Joan F. Flynn, Instructor in Human Environment and Design, effective April 30, 1971, because of pregnancy.
6. Winifred Sue Kuehne, Instructor (Extension) in Human Environment and Design, effective May 15, 1971, because of pregnancy.
7. John F. Lane, Associate Professor of Medicine, effective June 30, 1971, to take a position out of the state.

April 16, 1971

A. PERSONNEL CHANGESResignations and Terminations, continued

- Resignations
8. Charles H. Levine, Instructor in James Madison College, effective August 31, 1971, to accept a position in the Department of Government and Politics at the University of Maryland.
 9. Robert B. Arundale, Assistant Professor of Lyman Briggs College, effective August 31, 1971, to accept a position at the University of Washington.
 10. Cancellation of appointment of Claire E. Armstrong, Clinical Instructor in Osteopathic Medicine, effective January 1, 1971 through August 31, 1971.
 11. Cancellation of appointment of Carl A. Morgan, Clinical Instructor in Osteopathic Medicine, effective January 1, 1971 through August 31, 1971.
 12. William L. Downes, Assistant Professor of Natural Science, effective August 31, 1971.
 13. John E. Henton, Instructor in Large Animal Surgery and Medicine, effective June 30, 1971, as he is entering private practice.
 14. R. Dean Kirkland, Instructor in Large Animal Surgery and Medicine, effective June 30, 1971, as he is entering private practice.
 15. Steven W. Clark, Research Associate in Physiology, December 31, 1970, as he has been awarded an NIH postdoctoral fellowship.
 16. Albert Dorow, Assistant Football Coach and Instructor in Intercollegiate Athletics, effective March 31, 1971, to accept the head football coaching position for the Hamilton Tigercats.
 17. George Paterno, Assistant Professor and Assistant Football Coach, Intercollegiate Athletics, effective April 15, 1971, to accept the head football coaching position at the U.S. Merchant Marine Academy.

Leaves--Sabbatical

- Sabbatical Leaves
1. Robert G. White, Associate Professor of Agricultural Engineering, with full pay, from April 1, 1972 through September 30, 1972, to study extension methods in Europe and the central United States.
 2. Mordechai E. Kreinin, Professor of Economics, with half pay, from September 1, 1971 through August 31, 1972, to study and travel in Europe.
 3. Norman R. Stewart, Professor of Counseling, Personnel Services and Educational Psychology, with full pay, from September 16, 1971 through March 15, 1972, to study and travel in Europe.
 4. Sheldon Cherney, Professor of the Institute for International Studies in Education and Continuing Education and Director of International Extension in Continuing Education, with full pay, from June 1, 1971 through August 31, 1971, to study in East Lansing.
 5. James V. Beck, Associate Professor of Mechanical Engineering and Engineering Research, with full pay, from June 16, 1971 through December 15, 1971, to study at the University of Texas, Massachusetts Institute of Technology and Michigan State University.
 6. Bernetta Kahabka, Associate Professor of Human Environment and Design, with full pay, from January 1, 1972 through June 30, 1972, to study in eastern United States.
 7. William C. McHarris, Associate Professor of Chemistry and Physics, with half pay, effective from September 1, 1971 through August 31, 1972, to study at the University of California at Berkeley.
 8. Peter J. Wagner, Professor of Chemistry, with half pay, from September 1, 1971 through August 31, 1972, to study in London.
 9. Kyung Whan Kwun, Professor of Mathematics, with half pay, from September 1, 1971 through August 31, 1972, to study in England.
 10. Habib Salehi, Associate Professor of Mathematics and Statistics and Probability, with half pay, from September 1, 1971 through August 31, 1972, to study at the University of Wisconsin.
 11. Edward H. Carlson, Associate Professor of Physics, with half pay, from September 1, 1971 through August 31, 1972, to study in Italy.
 12. Henry Clay Smith, Professor of Psychology and Labor and Industrial Relations, with half pay, from October 1, 1971 through March 31, 1972, to do research and write in Massachusetts.
 13. Robert E. Gustafson, Associate Professor of Criminal Justice, Education, and Highway Traffic Safety Center, with full pay, from July 1, 1971 through December 31, 1971, to study in East Lansing.
 14. Mary E. Tomkins, Associate Professor of American Thought and Language, with full pay, from March 1, 1972 through June 30, 1972, to study in East Lansing.

A. PERSONNEL CHANGES, continued

April 16, 1971

Leaves--Health

Health Leaves

1. Clare W. Brown, Extension Home Economist in Isabella, Gladwin and Clare Counties, with full pay, from March 1, 1971 through March 21, 1971.
2. William G. Younglove, 4-H Youth Agent in Wayne and Oakland Counties, with full pay, from February 4, 1971 through March 7, 1971.

Leaves--MilitaryMilitary
Leaves

1. James D. Scott, Public Safety Officer, Public Safety, without pay, from January 26, 1967 through November 30, 1968. This is to correct the previous termination action.
2. James D. Fulton, Offset Press Operator, University Printing Service, without pay, from March 19, 1971 through June 30, 1971.

Leaves--Other

Other Leaves

1. Henry D. Foth, Professor of Crop and Soil Sciences, without pay, from June 16, 1971 through August 31, 1971, to serve as a consultant at the University of Hawaii.
2. William O. McCagg, Jr., Assistant Professor of History, without pay, from September 1, 1971 through August 31, 1972, to study in Vienna.
3. Subbiah Kannappan, Professor of Economics and Labor and Industrial Relations, without pay, from April 1, 1971 through May 31, 1971, to serve on an International Labor Office Mission to Ceylon.
4. Samuel A. Moore, II, Professor of Administration and Higher Education, without pay, from March 10, 1971 through April 10, 1971, to travel to Saigon.
5. David E. Blair, Assistant Professor of Mathematics, without pay, from March 1, 1971 through June 30, 1971, to study and do research at the University of Liverpool.
6. Mary Jean Winter, Assistant Professor of Mathematics, without pay, from September 1, 1971 through August 31, 1972, to study at Cambridge, England.
7. William H. Form, Professor of Sociology, without pay, from September 1, 1971 through August 31, 1972, to study at the University of Illinois.
8. Ruth K. Adams, Bibliographer in the Libraries, without pay, from April 1, 1971 through April 30, 1971.

Transfers and Changes in AssignmentTransfers and
Changes in
Assignment

1. Change of assignment for George H. Axinn from Professor, College of Agriculture and Natural Resources, and Assistant Dean, International Studies and Programs, to Professor, Department of Agricultural Economics, and Assistant Dean, International Studies and Programs, effective May 1, 1971. George H. Axinn
2. Designation of Eugene Gray, Assistant Professor, as Acting Chairman of Romance Languages, with an increase in salary to \$13,700 per year on a 10-month basis, effective March 1, 1971. Eugene Gray
3. Dual assignment of Herbert Josephs, Associate Professor, to Romance Languages and Justin Morrill College, effective March 1, 1971 through June 30, 1971. Herbert Josephs
4. Additional assignment as Professor, Center for Urban Affairs, effective April 1, 1971 through May 16, 1971, for John A. Fuzak, Professor and Associate Dean, College of Education and Director of the School for Advanced Studies in Education. John A. Fuzak
5. Change of assignment for Ruth E. Useem, Professor, from Institute for International Studies in Education, Sociology and Human Learning Research Institute to Institute for International Studies in Education and Sociology, effective July 1, 1971. Ruth E. Useem
6. Change for Larry S. Murphy, Research Associate in Engineering Research, from a salary of \$10,000 per year effective July 1, 1971 to June 30, 1972 to a salary of \$665 per month effective August 1, 1971 through June 30, 1972. Larry S. Murphy
7. Change of assignment for Neil H. Cullen from Instructor, Justin Morrill College, 50% time at a salary of \$5,250 per year on a 10-month basis, to Presidential Fellow, President's Office, 100% time, at a salary of \$5,875 for the period March 1, 1971 through August 31, 1971. Neil H. Cullen
8. Additional assignment as Extension Project Leader, Agricultural Experiment Station, effective April 1, 1971, for Axel L. Andersen, Professor of Botany and Plant Pathology. Axel L. Andersen
9. Additional assignment to Military Science and Aerospace Studies as Adjunct Assistant Professor, effective April 1, 1971, for Edward Azar, Assistant Professor of Political Science and Computer Institute for Social Science Research. Edward Azar
10. Change of assignment for Robert A. Brooks from Assistant Professor of Pathology and Acting Director, School of Medical Technology, to Presidential Fellow, President's Office, effective April 1, 1971 through September 30, 1971. Robert A. Brooks

A. PERSONNEL CHANGES, continued

April 16, 1971

Transfers and Changes in Assignment, continuedTransfers and
Changes in
Assignment

- Herbert Bergman 11. Dual assignment of Herbert Bergman, Associate Professor, to American Thought and Language and Justin Morrill College, effective January 1, 1971 through April 30, 1971.
- John H. Ferres 12. Dual assignment of John H. Ferres, Associate Professor, to American Thought and Language and Lyman Briggs College, effective September 1, 1971 through June 30, 1972.
- Courtney Johnson 13. Dual assignment of Courtney Johnson, Assistant Professor, to American Thought and Language and Justin Morrill College, effective March 1, 1971 through June 30, 1971.
- Oscar Taboada 14. Dual assignment of Oscar Taboada, Associate Professor, to Natural Science and Entomology, effective September 1, 1971.
- L. Robert Montgomery 15. Change of assignment for L. Robert Montgomery, Associate Professor, from Anatomy and Large Animal Surgery and Medicine to Large Animal Surgery and Medicine, only, effective July 1, 1971.
- Elwood E. Miller 16. Change of assignment for Elwood E. Miller, Associate Professor, from Instructional Media Center, Secondary Education and Curriculum, and International Extension to Instructional Media Center and Secondary Education and Curriculum, effective April 1, 1971.
- Ruth Renaud 17. Transfer for Ruth Renaud from Associate Dean and Director of Judiciaries AP-VIII, Dean of Students, to Instructor in Administration and Higher Education and Associate Dean and Director of Judiciaries, Dean of Students, effective April 1, 1971.
- David D. Shattuck 18. Change of status for David D. Shattuck from Programmer VIII to Programmer AP-I, Data Processing, with an increase in salary to \$8,400 per year on a 12-month basis, effective April 1, 1971.
- Helen Greene 19. Change of status for Helen Greene, Ticket Office Manager, from AP-I to AP-IV, Comptroller's Office, with an increase in salary to \$10,630 per year on a 12-month basis, effective March 1, 1971.
- Jack Skidmore 20. Change of status for Jack Skidmore, Office Assistant, from AP-I to AP-II, Comptroller's Office, with an increase in salary to \$8,900 per year on a 12-month basis, effective March 1, 1971.
- Beverly F. Holman 21. Transfer for Beverly F. Holman from Sr. Food Supervisor IX, Hubbard Hall, to Food Service Manager AP-III, Wonders Hall, with an increase in salary to \$9,310 per year on a 12-month basis, effective April 1, 1971.

Salary Changes

Salary Changes

- James W. Butcher 1. Increase in salary for James W. Butcher, Professor and Assistant Dean, College of Natural Science, to \$23,500 per year on a 12-month basis, effective April 1, 1971.
- James D. Hoeschele 2. Increase in salary for James D. Hoeschele, Postdoctoral Fellow in Biophysics, to \$10,750 per year, effective February 1, 1971 through January 31, 1972.
- Zdzislav Piskornik 3. Increase in salary for Zdzislav Piskornik, Research Associate in Botany and Plant Pathology, to \$7,200 per year on a 12-month basis, effective April 1, 1971.
- Richard Schwendeman 4. Increase in salary for Richard Schwendeman, Professor of Chemistry, to \$19,400 per year on a 10-month basis, effective April 1, 1971.
- Carroll Hawkins 5. Increase in salary for Carroll Hawkins, Associate Professor of Political Science, to \$13,000 per year on a 10-month basis, effective April 1, 1971.
- Charles Prysby 6. Increase in salary for Charles Prysby, Instructor in the Office of the Dean, College of Social Science, and Multidisciplinary Major Program, to \$1,029.25 per month, effective March 1, 1971 through June 30, 1971.
- H. Graham Purchase 7. Change for H. Graham Purchase, Assistant Professor of Microbiology and Public Health, from no salary to a salary of \$1,000 for the period April 1, 1971 through June 30, 1971.
- Robert A. Brooks 8. Change in salary for Robert A. Brooks, Presidential Fellow, President's Office, from \$18,000 per year to \$14,000 per year on a 12-month basis, effective July 1, 1971 through September 30, 1971.
- David Dunshee 9. Increase in salary for David Dunshee, Programmer AP-I, Computer Laboratory, to \$9,600 per year on a 12-month basis, effective March 1, 1971.
- Leonard R. Clark 10. Increase in salary for Leonard R. Clark, Technical Assistant AP-II, Center for Laboratory Animal Resources, to \$10,500 per year on a 12-month basis, effective March 1, 1971.
- Starr H. Keesler 11. Increase in salary for Starr H. Keesler, Assistant Secretary AP-X, Office of Executive Vice President and Secretary, to \$20,110 per year on a 12-month basis, effective July 1, 1971.

A. PERSONNEL CHANGES, continued

April 16, 1971

Salary Changes, continued

- | | |
|--|---------------------|
| 12. Increase in salary for John R. Kinney, Executive Director AP-X, Alumni Association, to \$21,430 per year on a 12-month basis, effective July 1, 1971. | John R. Kinney |
| 13. Increase in salary for Clair W. Huntington, Administrative Assistant AP-X, Office of Vice President for Business and Finance, to \$23,080 per year on a 12-month basis, effective May 1, 1971. | Clair W. Huntington |
| 14. Increase in salary for Gary Posner, Director of Staff Benefits AP-VI, Comptroller's Office, to \$14,330 per year on a 12-month basis, effective March 1, 1971. | Gary Posner |
| 15. Increase in salary for Michael Dmochowski, Building Manager AP-X, Union Building, to \$20,660 per year on a 12-month basis, effective June 1, 1971. | Michael Dmochowski |
| 16. Increase in salary for James W. Cooke, Hospital Administrator AP-X, Health Center, to \$21,500 per year on a 12-month basis, effective May 1, 1971. | James W. Cooke |
| 17. Increase in salary for Jerrold Lutz, Staff Physician AP-X, Health Center, to \$26,750 per year on a 12-month basis, effective May 1, 1971. | Jerrold Lutz |
| 18. Increase in salary for Thomas A. Scarlett, Assistant Director AP-II, Financial Aids, to \$10,660 per year on a 12-month basis, effective March 1, 1971. | Thomas A. Scarlett |

Appointments

- | | |
|--|--------------|
| 1. Derek R. Byerlee, Specialist in Agricultural Economics, at a salary of \$7,400 per year on a 12-month basis, effective April 1, 1971 through June 30, 1971. | Appointments |
| 2. Shyamalendu Sarkar, Specialist in Agricultural Economics, at a salary of \$1,380 per month on a 12-month basis, effective April 20, 1971 through June 30, 1971. | |
| 3. Richard Lichtenwalner, Research Associate in Dairy, at a salary of \$8,000 per year on a 12-month basis, effective March 16, 1971 through November 15, 1971. | |
| 4. David I. Johnson, Instructor in Fisheries and Wildlife, at a salary of \$2,300 for the period March 16, 1971 through June 15, 1971. | |
| 5. Tina Grewal, Instructor in Food Science and Human Nutrition, at a salary of \$600 per month on a 12-month basis, effective March 15, 1971 through June 15, 1971. | |
| 6. James Robert Kirk, Assistant Professor of Food Science and Human Nutrition, at a salary of \$15,000 per year on a 12-month basis, effective May 1, 1971 through June 30, 1972. | |
| 7. Ryszard Rudnicki, Research Associate in Horticulture, 75% time at a salary of \$4,500 per year on a 12-month basis, effective March 10, 1971 through February 29, 1972. | |
| 8. Wayne H. Clifford, Instructor in Packaging, at a salary of \$14,400 per year on a 12-month basis, effective May 1, 1971. | |
| 9. Atsuko Hirai, Instructor in History, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1971. | |
| 10. Virginia P. Bodman, Assistant Professor of Music, 50% time at a salary of \$6,400 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972. | |
| 11. Richard G. Walter, Visiting Assistant Professor of Accounting and Financial Administration, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1971 through August 31, 1972. | |
| 12. William T. Pizzi, Assistant Professor of Business Law and Office Administration, at a salary of \$12,600 per year on a 10-month basis, effective September 1, 1971. | |
| 13. Zane Keith Quible, Instructor in Business Law and Office Administration, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1971. | |
| 14. Rodney J. Chesser, Instructor in Management, at a salary of \$2,700 for the period March 16, 1971 through June 15, 1971. | |
| 15. Yash Pal Kapur, Associate Professor of Audiology and Speech Sciences and Surgery, at a salary of \$29,000 per year on a 12-month basis, effective April 1, 1971. | |
| 16. Philip C. Cota, Research Associate in Engineering Research, at a salary of \$791.66 per month on a 12-month basis, effective July 1, 1971 through June 30, 1972. | |
| 17. Richard A. Hoffman, Instructor in Human Environment and Design, 50% time at a salary of \$1,333 for the period March 29, 1971 through June 15, 1971. | |
| 18. Barbara Wain Laughlin, Instructor in Human Environment and Design, 50% time at a salary of \$1,800 for the period March 8, 1971 through June 15, 1971. | |

(Appointments

Appointments, continued

19. Arthur E. Budden, Assistant Professor of Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
20. Gaius Durrand Clark, Clinical Instructor in Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
21. Charles O. Long, Assistant Professor of Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
22. Donald R. McFarlane, Assistant Clinical Professor of Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
23. Eugene C. Nakfoor, Clinical Instructor in Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
24. James C. Neering, Assistant Clinical Professor of Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
25. Paul T. Niland, Assistant Clinical Professor of Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
26. Robert Leslie Overholt, Assistant Professor of Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
27. Thomas C. Payne, Assistant Clinical Professor of Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
28. Charles C. West, Assistant Professor of Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
29. John G. Wiegenstein, Clinical Instructor in Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
30. Stephen P. Wilensky, Clinical Instructor in Medicine, without salary on a 12-month basis, effective March 1, 1971 through June 30, 1972.
31. Thomas H. Kirschbaum, Professor and Chairman of Obstetrics, Gynecology and Reproductive Biology, at a salary of \$45,000 per year on a 12-month basis, effective August 1, 1971.
32. Robert V. Edington, Associate Professor of James Madison College, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1971. (This initial appointment under tenure system is for 3 years.)
33. Peter D. Noerdlinger, Professor of Astronomy, at a salary of \$18,000 per year on a 10-month basis, effective September 1, 1971.
34. Saura Sahu, Research Associate in Biophysics, at a salary of \$7,500 per year on a 12-month basis, effective March 1, 1971 through August 31, 1971.
35. Alvin L. Rogers, Visiting Assistant Professor of Botany and Plant Pathology, at a salary of \$11,000 per year on a 12-month basis, effective April 15, 1971 through June 30, 1971.
36. Roger V. Lloyd, Research Associate in Chemistry, at a salary of \$600 per month on a 12-month basis, effective March 8, 1971 through April 30, 1971.
37. Nallepilli V. Mani, Research Associate in Chemistry, at a salary of \$9,500 per year on a 12-month basis, effective April 1, 1971 through July 31, 1971.
38. Robert W. Peiffer, Research Associate in Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective May 1, 1971 through August 14, 1971.
39. Hasso Ghullam Bhatia, Instructor in Mathematics, 50% time at a salary of \$1,800 for the period April 1, 1971 through June 30, 1971.
40. Susan E. Schuur, Assistant Professor of Mathematics, 50% time at a salary of \$2,000 for the period April 1, 1971 through June 30, 1971.
41. Paul F. Kunz, Research Associate in Physics, at a salary of \$11,000 per year on a 12-month basis, effective March 15, 1971 through March 31, 1973.
42. Raoul D. Lepage, Associate Professor of Statistics and Probability, 70% time at a salary of \$3,800 for the period April 1, 1971 through June 30, 1971.
43. Felix Winkenbach, Research Associate in the MSU/AEC Plant Research Laboratory, 50% time at a salary of \$4,250 per year on a 12-month basis, effective May 1, 1971 through April 30, 1972.
44. Leonard A. Cohen, Professor of Physiology and Osteopathic Medicine, 25% time at a salary of \$5,500 per year on a 12-month basis, effective July 1, 1971, with tenure.
45. Benjamin W. Wolkinson, Assistant Professor of Labor and Industrial Relations, at a salary of \$521 for the period August 15, 1971 through August 31, 1971.

A. PERSONNEL CHANGES, continued

April 16, 1971

Appointments, continued

Appointments

46. Benjamin W. Wolkinson, Assistant Professor of Labor and Industrial Relations, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1971.
47. Jon H. Rieger, Instructor in Sociology, at a salary of \$2,625 for the period April 1, 1971 through June 30, 1971.
48. Dallas O'Brien Goble, Instructor in Large Animal Surgery and Medicine, at a salary of \$13,000 per year on a 12-month basis, effective July 1, 1971.
49. Steven Wayne Clark, Postdoctoral Fellow in Physiology, without salary on a 12-month basis, effective January 1, 1971 through December 31, 1971. (Paid direct by NIH.)
50. Linda Lou Holmes, Instructor and Acting Director of Medical Technology, 50% time at a salary of \$7,000 per year on a 12-month basis, effective April 1, 1971 through September 30, 1971.
51. Emma Jane Arnold, Librarian in the Libraries, at a salary of \$9,000 per year on a 12-month basis, effective May 1, 1971.
52. G. Robert Vincent, Assistant to the Director, Libraries, at a salary of \$14,000 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
53. Thomas Edward Harries, Specialist in the Instructional Media Center, at a salary of \$14,500 per year on a 12-month basis, effective March 1, 1971 through June 30, 1972.
54. George W. Logan, Instructor in the Center for Urban Affairs, at a salary of \$15,000 per year on a 12-month basis, effective August 1, 1971 through June 30, 1972.
55. Sonia Ruiz, Instructor in the Center for Urban Affairs, at a salary of \$10,000 per year on a 12-month basis, effective July 1, 1971 through June 30, 1972.
56. Edward William Youngs, Specialist and Assistant Football Coach, Intercollegiate Athletics, at a salary of \$11,500 per year on a 12-month basis, effective May 1, 1971 through April 30, 1972.

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

Academic Promotions

Academic Promotions

The following promotions are recommended to be effective July 1, 1971:

TO PROFESSORAgriculture and Natural Resources

David L. Armstrong	Agricultural Economics; Resident Instruction
Carl K. Eicher	Agricultural Economics
John N. Ferris	Agricultural Economics
Myron P. Kelsey	Agricultural Economics
+Fred W. Bakker-Arkema	Agricultural Engineering
Burton F. Cargill	Agricultural Engineering
Dennis R. Heldman	Agricultural Engineering; Food Science and Human Nutrition
Harlan D. Ritchie	Animal Husbandry
John A. Boezi	Biochemistry
William C. Deal	Biochemistry
James B. Beard	Crop and Soil Sciences
Richard W. Chase	Crop and Soil Sciences
Denio A. Caul	Cooperative Extension Service
James W. Hanover	Forestry
Robert J. Marty	Forestry; Resource Development
Otto Suchsland	Forestry
Jerome Hull, Jr.	Horticulture
James L. Taylor	Horticulture
Daniel E. Chapelle	Resource Development; Forestry

Arts and Letters

William Gamble	Art
Howard P. Anderson	English
*Roger K. Meiners	English
Linda C. Wagner	English
+Raimund Belgardt	German and Russian
Warren I. Cohen	History
Eleanor G. Huzar	History
Merrell Sherburn	Music
Herbert M. Garelick	Philosophy
Helene Tzitsikas	Romance Languages

A. PERSONNEL CHANGES, continued

April 16, 1971

Academic Promotions, continuedTO PROFESSOR, continuedCommunication Arts+Oscar I. Tosi
Bradley S. GreenbergAudiology and Speech Sciences
CommunicationEducationLouis Romano
Louis C. Stamatakos
Donald A. Burke
William W. Joyce
Ruby M. Junge
Norman T. BellAdministration and Higher Education
Administration and Higher Education
Elementary and Special Education
Elementary and Special Education
Elementary and Special Education
Learning Systems Institute; Counseling, Personnel
Services, and Educational Psychology
Learning Systems Institute; Counseling, Personnel
Services, and Educational Psychology
Secondary Education and Curriculum
Secondary Education and Curriculum

John F. Vinsonhaler

C. Blair MacLean
Robert P. PolandEngineering

James V. Beck

Mechanical Engineering; Engineering Research

Human EcologyCarol W. Shaffer
Anna M. CreekmoreFamily Ecology
Human Environment and DesignHuman Medicine+Anthony J. Bowdler
Robert M. Daugherty
S. Richard Heisey
Henry W. OverbeckMedicine
Physiology; Medicine
Physiology
Physiology; MedicineNatural ScienceEdward M. Eisenstein
Clifford J. Pollard
William C. McHarris
Robert G. Wetzel
William Fitzgerald
Charles J. Martin
Gerald D. Taylor
Henrietta Eppink
Martin Fox
Martin Balaban
James V. HigginsBiophysics
Botany and Plant Pathology
Chemistry; Physics
Kellogg Biological Station; Botany and Plant Pathology
Mathematics
Mathematics
Mathematics
Nursing
Statistics and Probability
Zoology
Zoology; Human DevelopmentSocial ScienceHarry M. Raulet
Harold A. Winters
John P. McKinney
Ruth T. Koehler
Philip M. Marcus
Denton E. Morrison
Carl GoldschmidtAnthropology
Geography
Psychology
Social Work
Sociology
Sociology
Urban Planning and Landscape ArchitectureUniversity CollegeJohn J. Appel
Herbert Bergman
Henry J. Silverman
Gordon C. Smith
Joseph J. Lee
Howard J. Pollman
Jean Brierley
John L. RubyAmerican Thought and Language
American Thought and Language
American Thought and Language
American Thought and Language
Humanities
Humanities
Natural Science
Natural ScienceVeterinary MedicineWilliam L. Frantz
Ulreh V. MostoskyPhysiology
Small Animal Surgery and MedicineMiscellaneousDonald A. Pash
Frances H. DeLisle
John R. Powell
Dorothy R. Ross
Cecil L. WilliamsTelevision and Radio Broadcasting
Institutional Research
Counseling Center
Counseling Center
Counseling Center

A. PERSONNEL CHANGES, continuedAcademic Promotions, continuedTO ASSOCIATE PROFESSORAgriculture and Natural Resources

Ralph E. Hepp
 *John B. Holtman
 *Richard J. Dunn
 Mason E. Miller
 Robert W. George
 *William H. Carlson
 George M. Kessler
 *Robert G. Laprad
 *Eugene F. Dice
 *Leighton L. Leighty

Agricultural Economics
 Agricultural Engineering
 Animal Husbandry
 Extension Personnel Development
 Fisheries and Wildlife
 Horticulture
 Horticulture
 Agricultural Technology Institute
 Park and Recreation Resources; Resource Development
 Resource Development

Arts and Letters

*James E. Fagan
 Karl Wolter
 *Stephen Judy
 *Thomas W. Juntune
 *William B. Hixson
 *Julia S. Falk
 Beatrice Mangino
 Daniel Stolper
 Charles J. McCracken
 *Eugene Francis Gray

Art
 Art
 English; Humanities Teaching Institute
 German and Russian
 History
 Linguistics and Oriental and African Languages
 Music
 Music
 Philosophy
 Romance Languages

Education

*William C. Hinds
 *Janet E. Alleman
 *Walter W. Scott
 James Bristor
 Stanley Drobac
 *James E. Green
 *Marvin E. Grandstaff
 *Robert Hatfield
 *Judith Henderson

Counseling, Personnel Services, and Educational
 Psychology
 Elementary and Special Education
 Graduate Student Affairs Office
 Health, Physical Education and Recreation
 Health, Physical Education and Recreation
 Off-Campus Affairs
 Secondary Education and Curriculum
 Teacher Education
 Teacher Education; Learning Systems Institute

Engineering

*Jes Asmussen
 +*Bong Ho
 Frank S. Roop

Electrical Engineering and Systems Science;
 Engineering Research
 Electrical Engineering and Systems Science;
 Engineering Research
 Mechanical Engineering

Human Ecology

*Verna Hildebrand
 Anita C. Dean
 Mary L. Morr

Family and Child Sciences
 Food Science and Human Nutrition
 Food Science and Human Nutrition

Human Medicine

*Arthur F. Kohrman
 *James E. Trosko
 *Tom M. Johnson
 *Daniel F. Cowan

Human Development; Medical Education Research
 and Development
 Human Development; Justin Morrill College
 Medicine
 Pathology; Office of the Dean

Justin Morrill College

*Leonard N. Isaacs

Natural Science

*John E. Wilson
 Frederick W. Stehr
 *David E. Blair
 +*Chi Y. Lo
 *Charles R. MacCluer
 +*Michael Jost
 +*Jerzy Borysowicz
 *Robert J. Sprafka
 *Lynwood G. Clemens

Biochemistry
 Entomology
 Mathematics
 Mathematics
 Mathematics
 Plant Research Laboratory; Botany and Plant
 Pathology
 Physics
 Physics
 Zoology

A. PERSONNEL CHANGES, continued

April 16, 1971

Academic
PromotionsAcademic Promotions, continuedTO ASSOCIATE PROFESSOR, continuedSocial Science

*Terrell W. Phenice	Anthropology
*Robert C. Trojanowicz	Criminal Justice
*Stanley D. Brunn	Geography
*Charles Craypo	Labor and Industrial Relations
Neil Vandevord	Labor and Industrial Relations
*Paul Abramson	Political Science
+*Edward E. Azar	Political Science; Computer Institute for Social Science Research
*Timothy Hennessey	Political Science
*Andrew M. Barclay	Psychology
*William D. Crano	Psychology
*Hiram E. Fitzgerald	Psychology
*John E. Hunter	Psychology
*Lawrence A. Messe	Psychology
*Shirley E. Knapman	Social Work
*Joseph P. Miller	Social Work
*Herbert Karp	Sociology

University College

*Reed M. Baird	American Thought and Language; Lyman Briggs College
*Mildred B. Erickson	Academic Student Affairs; American Thought and Language
*Philip A. Korth	American Thought and Language
*James I. McClintock	American Thought and Language; Lyman Briggs College
Donald S. Gochberg	Humanities
*Edward D. Graham	Humanities
*Richard L. Greaves	Humanities
Roy T. Matthews	Humanities
*Peter A. McKinnon	Humanities
+*Mohammed Abou-El-Seoud	Natural Science
*Helen B. Hiscoe	Natural Science
*John A. Mullins	Natural Science
Bruce Stewart	Natural Science
Vincent Lombardi	Social Science
*George S. Paulus	Social Science
*Ronald Puhek	Social Science

Veterinary Medicine

*Clifford W. Welsch	Anatomy
*Jerry B. Hook	Pharmacology
David A. Reinke	Pharmacology

Miscellaneous

*Thomas S. Gunnings	Counseling Center; Center for Urban Affairs
Richard Feters	Intercollegiate Athletics

TO ASSISTANT PROFESSORArts and Letters

Paul Deussen	Art
James Lawton	Art
Peter W. Landry	Theatre
Richard W. Levering	Theatre
Gretel Stensrud	Theatre

Justin Morrill College

Tamara E. Harrod
Charles K. Niles
John Reid
Diana Scholberg
Keith A. Williams

Veterinary Medicine

Robert W. Bull	Center for Laboratory Animal Resources; Medicine
+Thomas Tobin	Pharmacology

Miscellaneous

John Narcy	Intercollegiate Athletics; Health, Physical Education and Recreation
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*Acquires tenure
+Non-citizen

On motion by Trustee Huff, seconded by Trustee Merriman, it was unanimously voted to approve the Academic Promotions.

A. PERSONNEL CHANGES, continued

April 16, 1971

Recommendations
from Director
of PersonnelRecommendations from the Director of Personnel

1. Reclassify an Executive Secretary VIII to an Office Assistant IX position for the Department of Economics.
2. Establish a Video Tape Engineer X position for the Department of Psychiatry, College of Human Medicine.
3. For the Office of the Dean, Lyman Briggs College:
 - a. Reclassify an Executive Secretary VIII to an Administrative Assistant AP-I position.
 - b. Reclassify a Senior Clerk-Stenographer V to a Principal Clerk VI position.
4. Reclassify a Clerk-Typist II to a Senior Clerk IV position for the Department of Mathematics.
5. Establish a Laboratory Technician V position for the College of Osteopathic Medicine.
6. Reclassify a Departmental Secretary V to a Principal Clerk VI position for the Center for Laboratory Animal Resources.
7. Establish a Senior Departmental Secretary VII position for the Office of Institutional Research.
8. Reclassify a Clerk-Stenographer III to a Senior Clerk Stenographer V position for the Instructional Development Service.
9. Reclassify a Clerk-Typist II to a Senior Clerk IV position for the Office of the Registrar.
10. Reclassify an Executive Secretary VIII to an Administrative Assistant AP-I position for the Institute of Water Research.
11. For the Office of the Comptroller, Vice President for Business and Finance:
 - a. Reclassify a Ticket Office Manager AP-I to an AP-IV position
 - b. Reclassify an Office Assistant AP-I to an Assistant Manager AP-II position.
 - c. Reclassify a Programmer-Operator XI to an AP-II position.
12. Reclassify a Computer Operator VIII to a Computer Programmer AP-I position for Data Processing.

Retirements

Retirements

1. Retirement of Floyd Challender, Agriculture Foreman, Department of Horticulture, effective July 1, 1971 at a basic retirement salary of \$2,765 a year. Mr. Challender was born March 2, 1903 and has been employed by the University since August 28, 1950. Floyd
Challender
2. Retirement of Orren A. King, Electrician III, Physical Plant, effective June 1, 1971 at a basic retirement salary of \$2,098 a year. Mr. King was born January 20, 1904 and has been employed by the University since May 28, 1956. Orren A. King
3. Retirement of Verma Louise Land, Executive Secretary, Department of Accounting and Financial Administration, effective January 1, 1972 at a basic retirement salary of \$1,923 a year. Mrs. Land was born October 11, 1909 and has been employed by the University since October 18, 1954. Since Mrs. Land has chosen to begin receiving her retirement salary on January 1, 1972 rather than at age 65, the retirement salary will be reduced on an actuarial basis to \$1,570 a year. Verma Louise
Land
4. Retirement of Lucille M. Raby, Associate Resident Adviser, Dormitories and Food Services, effective July 1, 1971 at a basic retirement salary of \$1,497 a year. Mrs. Raby was born April 23, 1903 and has been employed by the University since September 18, 1952. Lucille M. Raby
5. Retirement of Ruby B. Stroud, Laboratory Aide, Microbiology and Public Health, effective April 1, 1971 at a basic retirement salary of \$2,174 a year. Mrs. Stroud was born June 15, 1915 and has been employed by the University since September 17, 1947. Ruby B. Stroud
6. Retirement, under TIAA-CREF only, of G. Robert Vincent, Assistant to the Director, University Libraries, effective July 1, 1971. Mr. Vincent was born July 17, 1900 and has been employed by the University since April 1, 1962. G. Robert
Vincent

Deaths

Deaths

1. Report of death of Elmo H. Lowery, Gardener in the Grounds Department, on March 13, 1971. Mr. Lowery was born August 26, 1907 and had been employed by the University since September 9, 1955. Elmo H. Lowery

It was recommended that his widow continue to receive his salary for one year beyond the date of his death, or until March 13, 1972.
2. Report of the death of Ada M. Every on March 20, 1971. Mrs. Every was born April 28, 1894, was employed on July 17, 1943, and was a Telephone Operator at the time of her retirement on July 1, 1959. Ada M. Every
3. Report of the death of Howard E. Johnson on March 24, 1971. Dr. Johnson was born April 27, 1882, was employed by the University on September 1, 1917, and was a Professor of Anatomy at the time of his retirement on June 30, 1947. Howard E.
Johnson

On motion by Trustee White, seconded by Trustee Merriman, it was unanimously voted to approve the Recommendations from the Director of Personnel, Retirements, and the salary continuation to Mrs. Lowery.

April 16, 1971

B. GIFTS AND GRANTS

- Gifts and Grants
1. Gift of 4 1-KW fuel cells valued at \$100 from the General Motors Engineering Staff, General Motors Technical Center, Warren, to be used in the College of Engineering for display purposes only.
 2. Gift of 50 Sorbus Aucuparia "Cardinal," a new variety of shade tree, valued at \$300 from J. Frank Schmidt, Jr., Troutdale, Oregon, to be used in Campus Park and Planning for experimental purposes and observation.
 3. Grants to be used for scholarship purposes as follows:
 - a. \$2,250 from the Alcoa Foundation, Detroit, to provide three scholarships in the College of Engineering.
 - b. \$50 from Sgt. David R. Hicks, K. I. Sawyer AFB, as a contribution to the Latin American Research Fund
 - c. \$2,000 from the Independent Grocers' Alliance, Chicago, as the Glenn R. Curtis IGA Scholarship; \$1,500 to be awarded to a student and \$500 for the administration of the Food Marketing Management Program.
 - d. \$250 from the Metropolitan Life Insurance Company, New York, as an unrestricted grant.
 - e. \$713.25 from the Estate of Lucile Kays Millar for scholarship use per instructions in the will of Lucile Kays Millar.
 - f. \$300 from the L. J. Minor Corporation, Cleveland, for an outstanding student award in the School of Hotel, Restaurant, and Institutional Management.
 - g. \$1,500 from Philip Morris, Inc., New York; \$750 for a student and \$750 for the administration of the Food Marketing Program.
 - h. \$200 from the MSU Employees Credit Union, East Lansing in recognition of the services of Leonard J. Luker to the MSU Employees Credit Union. The loan fund, to be named the Leonard J. Luker Student Loan Fund, will be made available to any needy student, interest free, for the purpose of tuition in the College of Education.
 - i. \$500 from The Textron Charitable Trust, Pittsburgh, to provide a scholarship award for a student in the Department of Forestry.
 4. Grants as follows to the MSU Development Fund:
 - a. \$1,000 from Benjamin H. Anibal, Birmingham, to be deposited in the MSU Development Fund Unrestricted account and designated for the Presidents Club.
 - b. 100 shares of Dow Chemical stock valued at \$8,875 from William J. Baker, Midland, to be deposited in the Development Fund Unrestricted account.
 - c. \$2,000 from Mark V. Burlingame, Bradenton, Florida, for the Geologic Library of the College of Natural Science.
 - d. \$50 from the Cherokee Hills Community School Association for the Don O. Tatroe Family Memorial Fund.
 - e. \$100 from the Consumers Power Company to match the gift made by Harold A. Hansen for the Asher Students Foundation.
 - f. \$10 from Walter N. Gardner, Willoughby, Ohio, for the School of Packaging.
 - g. \$30 from Clare W. Hendee, Chevy Chase, Maryland; \$10 for the Terrill Stevens Memorial Fund; \$10 for the Forrest C. Strong Memorial Fund, and \$10 for the Karl Dressel Award Fund.
 - h. \$5 from Victor Horvath, Lansing, for the Terrill Stevens Memorial Fund.
 - i. \$10 from Arthur L. Kramer, East Lansing, for the CCIP Scholarship Fund.
 - j. \$10 from the MSU Veterinary Medicine Class of 1961 to be used for the establishment of a postanesthesia and intensive care unit in the Department of Small Animal Surgery and Medicine.
 - k. \$500 from the Oakland County Veterinary Medical Association for the Veterinary Medicine Small Animal Intensive Care Unit.
 - l. \$400 from Hamish M. Russell, East Lansing, for the College of Communication Arts Dean's Discretionary Fund
 - m. \$1,000 from the Sylvania Electric Company to match the gift from Gary Schilling for the Gary Schilling Scholarship Fund
 - n. For the Accounting and Financial Administration Account #31-1170:
 - \$480 from Arthur Anderson Company as matching gifts
 - \$20 from Herbert D. Patriarche
 - \$50 from Alan E. Peterson
 - o. For the Leroy G. Augenstein Memorial Fund Account #32-2320:
 - \$10 from Karen Ruth Edson
 - \$10 from Bruce W. Schug
 - p. It is recommended that \$392,998.58 representing gifts contributed by alumni and friends through the Michigan State University Alumni Association Development Fund in 1970 be accepted by the Board of Trustees to underwrite the continuing programs supported by annual allocations from the MSU Development Fund.

The total of ALL GIFTS contributed during 1970 was \$1,329,431.49. Of this total the Board of Trustees previously accepted \$936,432.91. This earlier acceptance of certain gifts was necessitated by the fact that gifts were contributions of securities, or required special handling at the time the gift was made.

SUMMARY

1970 Gift Deposits - Account 31-3593	\$ 425,631.76
Specified Projects	52,418.25
Alumni Gifts Direct to University	501,361.48
Corporation and Foundation Gifts from College of Business through MSU Development Fund	<u>350,020.00</u>
Combined Total All Sources - 1970	\$1,329,431.49
Amount previously accepted by Board of Trustees during 1970	<u>936,432.91</u>
Balance to be Accepted by Board	\$ 392,998.58

B. GIFTS AND GRANTS, continued

April 16, 1971

Gifts and
Grants

5. Grant of \$7,000 from the County of Berrien, Commissioners, St. Joseph, Michigan, to be used under the direction of G. S. McIntyre in Cooperative Extension Service for part of the salary of an additional Extension Agent for the period January 1, 1971 through December 31, 1971.
6. Grant of \$7,000 from the County of Ingham, Commissioners, to be used under the direction of G. S. McIntyre in Cooperative Extension Service for part of the salary of an additional Extension Agent for the period January 1, 1971 through December 31, 1971.
7. Grant of \$3,500 from the County of Kalamazoo, Commissioners, Kalamazoo, to be used under the direction of G. S. McIntyre in Cooperative Extension Service for part of the salary of an additional Extension Agent for the period January 1, 1971 through June 30, 1971.
8. Grant of \$6,000 from the County of Livingston, Commissioners, Howell, to be used under the direction of G. S. McIntyre in Cooperative Extension Service for part of the salary of an additional Extension Agent for the period January 1, 1971 through December 31, 1971.
9. Grant of \$16,000 from the County of Macomb, Commissioners, Mount Clemens, to be used under the direction of G. S. McIntyre in Cooperative Extension Service for part of the salary of an additional Extension Agent for the period January 1, 1971 through December 31, 1971.
10. Grant of \$4,000 from the County of Oakland, Commissioners, Pontiac, to be used under the direction of G. S. McIntyre in Cooperative Extension Service for part of the salary of an additional Extension Agent for the period January 1, 1971 through June 30, 1971.
11. Grant of \$5,000 from the County of Presque Isle, Commissioners, Rogers City, to be used under the direction of G. S. McIntyre in Cooperative Extension Service for part of the salary of an additional Extension Agent for the period January 1, 1971 through December 31, 1971.
12. Grant of \$7,000 from the County of St. Clair, Commissioners, Port Huron, to be used under the direction of G. S. McIntyre in Cooperative Extension Service for part of the salary of an additional Extension Agent for the period January 1, 1971 through December 31, 1971.
13. Grant of \$1,350 from the County of Oakland, Commissioners, Pontiac, to be used under the direction of G. S. McIntyre in Cooperative Extension Service in support of clerical services.
14. Grant of \$9,200 from the County of Saginaw, Saginaw, to be used under the direction of G. S. McIntyre in Cooperative Extension Service to service low socio-economic families and 4-H Youth in Saginaw County.
15. Grant of \$634,000 from the W. K. Kellogg Foundation, Battle Creek, to be used under the direction of D. E. Hathaway in Agricultural Economics (Center for Rural Manpower and Public Affairs) to develop and test ways of bringing resources of MSU, through Cooperative Extension Service, to local units of government to aid in local decision making.
16. Grant of \$159,008 from the USDL/Michigan Employment Security Commission, Detroit, to be used under the direction of D. E. Hathaway in Agricultural Economics (Center for Rural Manpower and Public Affairs) to develop and test experimental models for provision of rural manpower planning and services in conjunction with the Cooperative Extension Service.
17. Grant of \$4,170 from Consumers Power Company, Jackson, to be used under the direction of R. L. Maddex in Agricultural Engineering to support the radio program "Energy for Living" and other educational programs.
18. Grant of \$4,656.40 from Hancock Brick and Tile Company, Findlay, Ohio, to be used under the direction of G. E. Merva in Agricultural Engineering to model, using digital computers, the thermal characteristics of soil surrounding tile lines in which the outlet may be submerged during certain periods of the year.
19. Grant of \$4,166.25 from the Michigan Association of Rural Electric Cooperatives, Newaygo, to be used under the direction of R. L. Maddex in Agricultural Engineering toward support of the radio program "Energy for Living" and other educational programs related to the application and use of electricity for the year 1971.
20. Grant of \$4,967 from the Midwest Universities Consortium for International Activities, Inc. to be used under the direction of R. H. Wilkinson in Agricultural Engineering for research on manuscript, "Agricultural Mechanization in the Developing Countries."
21. Grant of \$2,000 from the Victorias Milling Company, Inc., Nigros Occidental, Philippines to be used under the direction of J. B. Holtman in Agricultural Engineering to develop a model which can be used for forecasting the yield and juice quality of sugar cane as a function of weather variables and other influences.
22. Grant of \$2,500 from the Michigan Department of Natural Resources, Lansing, to be used under the direction of D. E. Ullrey in Animal Husbandry to study the means of improving utilization of woody browse by wild deer.

23. Grant of \$2,375 from the Jack F. Wolfram Foundation, Lansing, to be used under the direction of R. H. Nelson in Animal Husbandry for travel expenses for staff members to attend educational beef cattle events.
24. Grant of \$1,000 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. C. Deal in Biochemistry for a research fellowship supply allowance award.
25. Grant of \$1,500 from Ohio State University Research Foundation, Columbus, Ohio, to be used under the direction of W. A. Wood in Biochemistry for research expenses for David McConnell.
26. Grant of \$500 from Chevron Chemical Company, Moorestown, New Jersey, to be used under the direction of W. F. Meggitt in Crop and Soil Sciences to study herbicides and application techniques for weed control in turfgrass.
27. Grant of \$4,712 from Menasha Corporation, Otsego, Michigan, to be used under the direction of R. J. Kunze in Crop and Soil Sciences for a greenhouse study of plant and soil reactions to paper mill waste water and its final purity.
28. Grant of \$1,500 from the Pergamon Press, Inc., Elmsford, New York, to be used under the direction of M. M. Mortland in Crop and Soil Sciences for editing of the journal, "Clay and Clay Minerals."
29. Grant of \$1,250 from Shell Chemical Company, Menlo Park, California, to be used under the direction of W. F. Meggitt in Crop and Soil Sciences to evaluate certain herbicides for weed control in corn and study effects of soil residues.
30. Grant of \$8,000 from VioBin Corporation, Monticello, Illinois, to be used under the direction of L. E. Dawson, Food Science and Human Nutrition, to evaluate the composition, function, utilization and stability characteristics for defatted egg powder and processed egg oil.
31. Grant of \$329.64 from Deutscher Akademischer Austauschdienst, Kennedyalle, W. Germany, to be used under the direction of D. R. Dilley in Horticulture to support on-going research.
32. Grant of \$15,000 from MSFA/Paul Krone Memorial Fellowship, Alexandria, Virginia, to be used under the direction of W. J. Carpenter and D. R. Dilley in Horticulture for a memorial fellowship in honor of Paul Krone to support research on improving decorative life span of cut flowers and ornamental plants.
33. Grant of \$80,929 from the National Institutes of Health to be used under the direction of S. K. Ries in Horticulture to develop practical procedures for increasing growth and protein content of crops as well as laboratory studies to define the mechanism of chemical regulation.
34. Grant of \$7,500 from the Netherlands Flower Bulb Institute, Inc., New York, to be used under the direction of A. A. DeHertogh in Horticulture to support on-going programs of applied and fundamental research relating to flower bulb forcing and post harvest physiology.
35. Grant of \$500 from Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of L. R. Baker in Horticulture to support on-going research on cucumber breeding.
36. Grant of \$5,000 from General Electric Foundation to be used under the direction of J. W. Goff in Packaging to support graduate research.
37. Grant of \$5,000 from General Electric Foundation, New York to be used under the direction of James Don Edwards in Accounting and Financial Administration to provide doctoral fellowships.
38. Grant of \$5,000 from General Electric Foundation, Ossining, New York, to be used under the direction of D. A. Taylor in Marketing and Transportation Administration for graduate research and study at the doctoral level.
39. Grant of \$3,000 from Systems Research, Inc., Lansing, to be used under the direction of D. J. Bowersox in Marketing and Transportation Administration to cover computer costs of dissertation costs of three or four doctoral candidates.
40. Grant of \$32,978 from the U.S. Agency for International Development, Washington, D.C., to be used under the direction of K. M. Harrison and D. S. Henley in the Institute of International Business and Economic Development to extend research of the Latin American Market Planning Center.
41. Grant of \$2,500 from the Cleveland Electric Illuminating Company, Cleveland, Ohio, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
42. Grant of \$3,500 from the Detroit Edison Company, Detroit, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.

B. GIFTS AND GRANTS, continued

April 16, 1971

Gifts and
Grants

43. Grant of \$9,000 from the United Cerebral Palsy Association of Michigan, Inc., Flint, to be used under the direction of H. J. Oyer in Audiology and Speech Sciences to provide speech and language habilitation of cerebral palsied preschool children.
44. Grant of \$2,733.50 from the Agency for International Development (U.S.), Washington, D.C., to be used under the direction of L. E. Sarbaugh in Communication to give communication training to six Indian trainers of family planning workers.
45. Grant of \$8,000 from Wayne State University, Detroit, to be used under the direction of J. H. Nelson in Administration and Higher Education for the expenses of the conference of community college presidents, state directors of community college systems, and university professors of community college education.
46. Grant of \$4,668.84 from the Midwest Universities Consortium for International Activities, East Lansing, to be used under the direction of C. S. Brembeck in the Institute for International Studies in Education for expenses in connection with the Korean Education Project.
47. Grant of \$500 from the Midwest Universities Consortium for International Activities, Inc., East Lansing, to be used under the direction of Cole S. Brembeck in the Institute for International Studies in Education for a planning meeting on development education.
48. Grant of \$750 from the Diamond Shamrock Corporation, Cleveland, Ohio, to be used under the direction of M. H. Chetrick in Chemical Engineering for a summer graduate fellowship.
49. Grant of \$2,500 from the Dow Chemical Company, Midland, to be used under the direction of M. H. Chetrick in Chemical Engineering as an unrestricted grant.
50. Grant of \$2,000 from the Monsanto Company, St. Louis, Missouri, to be used under the direction of M. H. Chetrick in Chemical Engineering as an unrestricted grant.
51. Grant of \$7,500 from the General Electric Foundation, Ossining, New York, to be used under the direction of H. E. Koenig in Engineering Research to support graduate study and research in design and management of environmental systems.
52. Grant of \$375 from the Ingham County Medical Society to be used under the direction of Andrew D. Hunt, Jr. in the College of Human Medicine to purchase books for the MSU Human Medicine Biology Laboratory Library.
53. Grant of \$19,678 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of A. D. Hunt, Jr. in the College of Human Medicine as a general research support grant.
54. Grant of \$64,975 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of A. D. Hunt in the College of Human Medicine for a health professions educational improvement program.
55. Grant of \$1,000 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of C. C. Sweeley in Biochemistry for supply use for a Fellow - Walter J. Esselman.
56. Grant of \$500 from the Michigan Heart Association, Detroit, to be used under the direction of M. D. Bailie in Human Development for control of renin secretion in the intact animal.
57. Grant of \$1,000 from the Michigan Department of Public Health, Lansing, to be used under the direction of J. R. Cipparone and C. H. Sander in Pathology to establish a Placental Tissue Registry for the State of Michigan in cooperation with the Michigan State Medical Society (Committee on Maternal and Perinatal Health).
58. Grant of \$10,000 from the Michigan Heart Association, Southfield, to be used under the direction of J. R. Crout in Pharmacology for interactions of antihypertensive drugs.
59. Grant of \$2,044 from the National Institutes of Health to be used under the direction of Robert M. Daugherty in Physiology for undergraduate training grant - preclinical.
60. Grant of \$14,611 from the National Institutes of Health to be used under the direction of G. J. Grega in Physiology to study nutritional blood flow during hemorrhagic shock.
61. Grant of \$78,709 from the National Institutes of Health to be used under the direction of F. J. Haddy in Physiology for a cardiovascular physiology training grant.
62. Grant of \$2,500 from the Midwest Universities Consortium for International Activities, Inc., East Lansing, to be used under the direction of R. U. Byerrum in the College of Natural Science to explore the development of a cooperative relationship between MSU Colleges of Engineering and Natural Science and the Arya Mehr University of Technology in Iran.
63. Grant of \$35,000 from Engelhard Industries, Newark, New Jersey, to be used under the direction of B. Rosenberg in Biophysics for investigation of the anti-tumor activity of platinum compounds.

B. GIFTS AND GRANTS, continued

April 16, 1971

64. Grant of \$35,000 from Matthey Bishop, Inc., Malvern, Pennsylvania, to be used under the direction of Barnett Rosenberg in Biophysics for research on the biological effects of platinum group metal compounds.
65. Grant of \$2,000 from the Mint Industry Research Council, Kalamazoo, to be used under the direction of M. L. Lacy in Botany and Plant Pathology for research to develop methods of controlling diseases of mint.
66. Grant of \$2,000 from Pennwalt Corporation, Tacoma, Washington, to be used under the direction of E. J. Klos in Botany and Plant Pathology to study the fungicidal activity of 1.2-Bis benzene against major tree fruit disease fungi.
67. Grant of \$3,000 from the Dow Chemical Company, Midland, to be used under the direction of J. B. Kinsinger in Chemistry as an unrestricted grant.
68. Grant of \$60,000 from the National Science Foundation, Washington, D.C., to be used under the direction of D. G. Farnum in Chemistry to study the physical, chemical and photochemical properties and synthetic uses of stable solutions of carbonium ions.
69. Grant of \$58,600 from the National Science Foundation, Washington, D.C., to be used under the direction of H. Hart in Chemistry to study the chemistry of some highly substituted compounds.
70. Grant of \$50,000 from the National Science Foundation, Washington, D.C., to be used under the direction of J. B. Kinsinger and G. A. Melson in Chemistry to purchase an automated X-Ray diffractometer.
71. Grant of \$10,600 from the Department of the Navy, Washington, D.C., to be used under the direction of William Hinze and William Wood in Geology for evaluation of current energy of wave in a nearshore zone.
72. Grant of \$11,000 from the National Science Foundation, Washington, D.C., to be used under the direction of J. R. Kinney in Mathematics for a study of fractional dimensional properties of sets defined in terms of f-expansions and iteration of functions by use of techniques from the information theory.
73. Grant of \$329.28 from Deutscher Akademischer Austauschdienst, Bad Godesberg, Germany, to be used under the direction of Anton Lang in the MSU/AEC Plant Research Laboratory for grant-in-aid for research work for Heiner Lehmann.
74. Grant of \$3,000 from Union Carbide Corporation, Tuxedo, New York, to be used under the direction of J. R. Brandou in the Science and Mathematics Teaching Center as an unrestricted grant.
75. Grant of \$5 from Ivah V. Gillman, Grosse Ile, Michigan, to be used under the direction of M. S. Magen in the College of Osteopathic Medicine for the Luther G. Randolph Memorial Fund.
76. Grant of \$40,275 from the National Institutes of Health, Washington, D.C., to be used under the direction of M. S. Magen in the College of Osteopathic Medicine as a health professions educational improvement grant.
77. Grant of \$5,700 from the National Institute of Health, Bethesda, Maryland, to be used under the direction of A. B. Hudson in Anthropology for field research training for H. L. Whittier.
78. Grant of \$5,786 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of L. Kasdan in Anthropology for a field research training grant for Martha Binford.
79. Grant of \$5,300 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Leonard Kasdan in Anthropology for a field research training grant for Henry Alderman.
80. Grant of \$2,183 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. Nicholas for a field research training grant for Roderic H. Blackburn.
81. Grant of \$5,433 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Ralph Nicholas in Anthropology for a field research training grant for Herbert W. Butler.
82. Grant of \$6,300 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of Joseph Spielberg in Anthropology for a field research training grant for George A. Genz.
83. Grant of \$25,300 from the U.S. Office of Education to be used under the direction of Lawrence M. Sommers in Geography for a COMGA fellowship program for developing teacher improvement programs at predominantly Negro colleges.

B. GIFTS AND GRANTS, continued

April 16, 1971

Gifts and
Grants

84. Grant of \$500 from the Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, to be used under the direction of P. J. Hiniker in Political Science to finance a meeting of MUCIA scholars from political science and other social science disciplines on "Political Participation" as related to the development process.
85. Grant of \$1,000 from the National Science Foundation, Washington, D.C., to be used under the direction of F. L. Conner and R. Shelly in Sociology for doctoral dissertation research in sociology.
86. Grant of \$7,839 from the Midwest Universities Consortium for International Activities, Inc., East Lansing, to be used under the direction of Aruna Michie and W. T. Ross in the Asian Studies Center for dissertation research on "Economic Change and Political Attitudes in Rural India."
87. Grant of \$213 from Midwest Universities Consortium for International Activities, Inc., East Lansing, to be used under the direction of W. T. Ross in the Asian Studies Center for a graduate student internship for B. W. Coyer.
88. Grant of \$82,641 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. W. Armistead in the College of Veterinary Medicine for a general research support grant.
89. Grant of \$157,894 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. W. Armistead in the College of Veterinary Medicine for a health professions educational improvement grant.
90. Grant of \$8,000 from the Anna Fuller Fund, New Haven, Connecticut, to be used under the direction of L. F. Velicer in Microbiology and Public Health to study proteins in cells with cancer-related viruses.
91. Grant of \$1,000 from the U.S. Public Health Service to be used under the direction of L. F. Velicer in Microbiology and Public Health as a research fellowship supply allowance award.
92. Grant of \$1,670 from the Dow Chemical Company, Midland, to be used under the direction of T. M. Brody and J. E. Gibson in Pharmacology as an unrestricted grant.
93. Grant of \$1,670 from Hercules Incorporated, Wilmington, Delaware, to be used under the direction of T. M. Brody and J. E. Gibson in Pharmacology as an unrestricted grant.
94. Grant of \$1,670 from Pfizer, Inc., Groton, Connecticut, to be used under the direction of T. M. Brody and J. E. Gibson in Pharmacology as an unrestricted gift.
95. Grant of \$6,000 from the Michigan Heart Association, Southfield, Michigan, to be used under the direction of Thomas Tobin in Pharmacology to study the interaction of mercurial diuretics and ethacrynic acid with (Na^+K^+) ATPase in vitro and in vivo.
96. Grant of \$5,000 from Miles Laboratories, Inc., Elkhart, Indiana, to be used under the direction of T. M. Brody in Pharmacology as an unrestricted grant.
97. Grant of \$6,300 from the National Institutes of Health to be used under the direction of S. R. Heisey in Physiology for a predoctoral research fellowship.
98. Grant of \$150 from Pitman-Moore, Inc., Fort Washington, Pennsylvania, to be used under the direction of D. C. Sawyer in Small Animal Surgery and Medicine for development of small animal anesthesiology.
99. Grant of \$8,237 from the Department of the Air Force to be used under the direction of Sheldon Cherney in International Extension, Continuing Education, for a graduate education overseas program course offered for Department of Defense Schools personnel.
100. Grant of \$4,150 from the Midwest Universities Consortium for International Activities, Inc., East Lansing, to be used under the direction of E. deBenko and R. E. Chapin in Libraries for development of the University Library's collection on Africa.
101. Grant of \$500 from Jens Touborg, Tecumseh, Michigan, to be used under the direction of Rollin H. Baker in the Museum to reassemble an African elephant skeleton.
102. Grant of \$500 from the LaSalle County Historical Society, Utica, Illinois, to be used under the direction of C. Cleland, and M. Brown in the Museum for an analysis of excavated materials from project.
103. Grant of \$3 from Twin Valley Public Schools, Boyne City, Michigan, to be used under the direction of C. Cleland in the Museum for Indian excavations.
104. Grant of \$600 from the Midwest Universities Consortium for International Activities, Inc., East Lansing, to be used under the direction of R. H. Smuckler in International Studies and Programs to finance one meeting of the MUCIA Liaison Officers and Council Chairmen during the period February 1, 1971 and April 1, 1971.
105. Grant of \$257,598 from the National Science Foundation, Washington, D.C., to be used under the direction of C. W. Minkel in the Graduate School to support 46 Continuation Graduate Traineeships and 13 Summer Traineeships for teaching assistants.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

April 16, 1971

106. Grant of \$68,016.84 from the Trustees of Forest H. Akers for distribution of income for the period January 1, 1970 to December 31, 1970. Funds to be applied for a John A. Hannah Professorship.

On motion by Trustee Merriman, seconded by Trustee Carrigan, it was unanimously voted to accept the Gifts and Grants. Trustee Huff asked that the fine work of the Alumni Association be acknowledged.

Bids and
Contract Awards

C. BIDS AND CONTRACT AWARDS

1. Bids were received on March 25, 1971 for replacement of the breeching at Shaw Lane Power Plant and were as follows:

Bittner Boiler & Engineering Co.	\$42,900
Michigan Boiler & Engineering Co.	\$49,000

This project will replace the major portion of the steel breeching which is located above the roof of Shaw Lane Power Plant.

It is recommended that a contract be awarded to Bittner Boiler & Engineering Co. in the amount of \$42,900 and that the following budget be approved:

Contract	\$42,900
Engineering, supervision and contingency	<u>2,100</u>
	<u>\$45,000</u>

Funds for this project are available in the Physical Plant operations and maintenance accounts.

On motion by Trustee Martin, seconded by Trustee Huff, it was unanimously voted to approve the awarding of the contract and the budget as recommended for the repairs to the Shaw Lane Power Plant.

Other Items
for Action

D. OTHER ITEMS FOR ACTION

1. The Academic Freedom Report has been in effect since March 1967 and has been effective with very few amendments.

There has existed a certain amount of ambiguity with respect to the procedures for amending the document. The Board of Trustees has also indicated that it should have the explicit right to propose amendments to the document, as well as the right of final approval or rejection of amendments. For these reasons Article 7 has been revised, according to the existing procedure. It has been approved by the University Student Affairs Committee, the Student Board of ASMSU and the Academic Council and was presented to the Board of Trustees for approval.

There are amendments to Article 2 and Article 5 which have also been approved by the various bodies. Since these were adopted on the basis of the proposed new faculty by-laws and would not be satisfactory without such by-laws, they will be presented to the Board of Trustees at the same time the by-laws come back for final approval.

Proposed revision of Article 7 of the Academic Freedom for Students Report

Amend Article 7, in total, to read:

Article 7. PROCEDURE FOR AMENDING AND REVISING THIS DOCUMENT

7.1 This document may be amended and revised only according to the following procedure.

7.1.1 Any member of the university community, or any constituent body thereof, may propose amendments and revisions and forward them jointly to the Student Board of ASMSU and the University Student Affairs Committee.

7.1.2 The Student Board of ASMSU and the University Student Affairs Committee shall review all proposed amendments and revisions forwarded to them, and may approve, reject, or amend. If these bodies disagree, they shall convene a joint conference committee, which shall review the disagreement, and make recommendations to the parent bodies. If these bodies cannot then reach agreement, or if both bodies reject a proposed amendment or revision, they shall return the proposal to the originator with an explanation. Proposed amendments and revisions approved or amended jointly by the Student Board of ASMSU and the University Student Affairs Committee shall be presented to the Academic Council, by the Chairman of the University Student Affairs Committee.

7.1.3 The Academic Council shall review all proposed amendments and revisions presented to it, and may approve the proposal and forward it to the Board of Trustees via the President; reject the proposal and return it to the Student Board of ASMSU and the University Student Affairs Committee with an explanation; or amend the proposal and return it to the Student Board of ASMSU and the University Student Affairs Committee with recommendation for approval as amended by the Council. In this latter case, the procedure outlined in 7.1.2 shall be repeated.

Revisions to
Article 7
Academic
Freedom Report

1. Revisions to Academic Freedom Report, continuedRevisions to
Academic
Freedom Report

7.1.4 The Board of Trustees shall review all proposed amendments and revisions forwarded to it, and may approve the proposal, at which time it shall become operative, or reject the proposal, and return it to the Academic Council with an explanation.

7.1.5 The University community shall be promptly informed of all action taken on proposed amendments and revisions.

On motion by Trustee Carrigan, seconded by Trustee Martin, it was unanimously voted to approve the revisions to the Academic Freedom Report as recommended.

2. Interim Graduate Grievance ProcedureInterim Grad-
uate Grievance
Procedure

The Student Faculty Judiciary has taken the position that under the Academic Freedom Report its jurisdiction extends to undergraduates but not to graduate students. A hiatus, therefore, exists for the graduate students. This is remedied in the document "Graduate Student Rights and Responsibilities" which has been duly approved by COGS, the Graduate Council, the Academic Council, and which is pending confirmation by the Academic Senate which will be meeting in May. The full text was distributed to and discussed by the Trustees as a progress report item at their informal session March 18, 1971. The specific article of this document covering judicial structure is Article 4. At its meeting 5 April the Graduate Council unanimously approved the motion that the Board of Trustees be requested to approve Article 4 on an interim basis.

It was requested that the Trustees approve Article 4, on an interim basis, of the document "Graduate Student Rights and Responsibilities" in order to provide a due process for the hearing of cases involving graduate students. Copy of Article 4 was distributed to the Trustees and is filed in the Secretary's Office.

On motion by Trustee Carrigan, seconded by Trustee Martin, it was unanimously voted to approve, on an interim basis, Article 4 of "Graduate Student Rights and Responsibilities."

3. Student Advisers to the Board of TrusteesStudent
Advisers to
Board of
Trustees

Following the action of the Board of Trustees at their last meeting, a special committee was convened consisting of Trustee Thompson, Trustee Martin, Attorney Carr, Vice President Dickerson, Dean Nonnamaker, Mr. Buckner of ASMSU, Mr. Frumkin of ASMSU, Miss Rathnow of ASMSU, and Mr. Greene of COGS. President Wharton chaired the meetings and was accompanied by Mr. Spaniolo.

The group held two meetings on April 2 and April 8. Two options were developed and discussed. The majority of the committee favored Proposal I. The major difference between Proposals I and II lie in the frequency with which the Student Advisers meet with the Trustees. Proposal I provides for the Student Advisers meeting with the Trustees monthly with the right to speak at public sessions but not vote, whereas Proposal II provides for a regular once-a-term meeting with the Trustees entirely devoted to student matters.

University Attorney Carr has developed a proposed change in the Bylaws of the Board of Trustees.

The committee therefore recommended to the Board the following action:

Recommendation 1 -- That the Board of Trustees approve Proposal I which stipulates the rights and privileges, and nomination and election procedures for Student Advisers to the Board of Trustees.

Recommendation 2 -- That the Board of Trustees adopt the following amendment to Article VIII of the Bylaws of the Board of Trustees of Michigan State University:

"There shall be one graduate and three undergraduate Student Advisers to the Board of Trustees who shall be selected and serve according to procedures established by the Board."

Motion was made by Trustee Carrigan, seconded by Trustee Martin that the above recommendations be approved. Motion failed. Trustees Carrigan, Huff, Martin and Stevens voted "Yes," Trustees Hartman, Merriman, Thompson, and White voted "No."

Trustee Merriman then moved, supported by Trustee Hartman, that Proposal II, amended to read as follows, be approved:

Responsive to the action of the Board of Trustees 3-19-71, requesting a proposal which incorporates the principle of greater student participation in the deliberation of the Board in an advisory capacity, a specific proposal is hereby made which is, we believe, consistent with the constitutional rights and responsibilities of the Board of Trustees and consonant with existing laws, statutes, and rulings of the Attorney General. It is also consonant with the philosophy expressed by the Board of Trustees in its Bylaws respecting the decision-making process of the University, in particular that the President is held responsible for the administration of the University and that recommendations for decisions come to the Board through the President.

Student
Advisers to
Board of
Trustees

3. Student Advisers to the Board of Trustees, continuedA. Student Advisers - Number

There shall be three undergraduate students and one graduate student who, contingent upon maintaining their status as full-time students in good standing, will serve as Student Advisers to the MSU Board of Trustees.

B. Rights and Privileges

Student Advisers will meet at least once per term with the Trustees or a committee of the Board of Trustees to discuss potential problems, current issues and future directions. Special meetings between the Student Advisers and the Board of Trustees will be held at the discretion of the President or the Board of Trustees.

An agenda committee will meet at least once per term to set the agenda for the regular meetings between the Student Advisers and the Board of Trustees. It will be composed of two students (one undergraduate and one graduate student) and a representative from the President's office or the Executive Vice President and Secretary to the Board's office.

Trustee Martin offered a substitute motion that Proposal II be approved as written. Motion seconded by Trustee White. Substitute motion failed, with Trustees Huff, Martin, and Stevens voting "Yes," and Trustees Carrigan, Hartman, Merriman, Thompson, and White voting "No."

Trustee Merriman's original motion passed, with Trustees Hartman, Huff, Merriman, Thompson, and White voting "Yes," and Trustees Carrigan, Martin, and Stevens voting "No."

(The full texts of Proposal I and Proposal II as recommended by the committee are placed on file in the Secretary's Office.)

4. Report from Business Affairs Committee on Campaign GM-II

On April 1, 1971, the University Committee on Business Affairs met to discuss the Project on Corporate Responsibility's General Motors proxy statement. Motions were made to recommend that the University support the three proposals outlined in this proxy statement. The results of the voting on these motions are as follows:

	<u>Yes</u>	<u>No</u>	<u>Abstentions</u>
Proposal #1			
Proposal on Shareholder Democracy	6	7	1
Proposal #2			
Proposal on Constituent Democracy	1	11	1
Proposal #3			
Proposal for disclosure on minority hiring, air pollution and auto safety policies	5	7	1

The Committee would like, however, to express its concern in the area of corporate responsibility for safety, pollution, social concerns and similar matters. The University should take every opportunity to exhibit its concern in these areas and to reflect this concern in its relationship with corporations.

A special subcommittee is being formed by the Business Affairs Committee to recommend ways which the University might maintain a consistent position in social matters. It is hoped that this subcommittee may offer suggestions that will eliminate the necessity of consideration of singular positions, such as, the General Motors stock issue.

Motion was made by Trustee Huff, seconded by Trustee Merriman that the voting of the University's proxies be referred to the Ann Arbor Trust Co. Trustee Stevens stated that he would prefer to vote on the three proposals individually but since this was impossible he gave his reasons for supporting the three proposals (copy of his statement is filed in the Secretary's Office). Motion carried, with Trustees Hartman, Huff, Merriman, Thompson, and White voting "Yes," and Trustees Carrigan, Martin, and Stevens voting "No."

Trustee Carrigan reminded the Trustees that in the May 1970 report of the student-faculty committee chaired by Robert M. Little it was recommended "that the Board of Trustees appoint a committee, reflecting views of students, faculty and administrators, to review the role of the University as an investor and consumer."

Trustee Carrigan moved, seconded by Trustee Martin, that the Vice President for Business and Finance be directed to implement the above recommendation through the Business Affairs Committee and/or whatever mechanism seems appropriate and to return for the Board's consideration specific recommendations on this issue at the earliest possible date. Motion failed. Trustees Carrigan, Martin, and Stevens voted "Yes," and Trustees Hartman, Huff, Merriman, Thompson, and White voted "No."

Trustee Stevens then made a motion to rescind the right of the Ann Arbor Trust Company, in the future, to vote other University stock without approval of the Board. Motion seconded by Trustee Martin. The motion failed, with Trustees Carrigan, Martin, and Stevens voting "Yes," and Trustees Hartman, Huff, Merriman, Thompson, and White voting "No."

Voting of
University
GM stock

D. OTHER ITEMS FOR ACTION, continued

April 16, 1971

5. Establishment of Clinical Department of Obstetrics, Gynecology and Reproductive Biology in the College of Human Medicine

Dept. of Obstetrics, Gynecology and Reproductive Biology established

Establishment of this department has been approved by the Faculty Advisory Committee and Dean of the College of Human Medicine. A departmental chairman has been identified and he has agreed to accept if appointed. His appointment is recommended to the Board at this same session. The nominee is Dr. Thomas H. Kirschbaum, M.D., from the medical school at UCLA.

Establishment of this department, effective July 1, 1971, was recommended to the Board by the Administration.

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

6. At the March Board meeting Recommendation 7 of the Campus Variable Living Options Plan was defeated. The Administration recommended favorable reconsideration of continuance of the prerogative to assign entire floors which can be securely separated either to men or to women when, in the judgment of the Administration, such assignment is needed to:

Policy of assigning entire floors to men or women to be continued

- a. Maintain an academically better mix among freshmen and returning students,
- b. Maintain a more even income among the various trusts,
- c. Increase the occupancy and income levels in the residence halls, and
- d. Preserve the idea of residential colleges.

Motion was made by Trustee Martin, seconded by Trustee Carrigan, to approve the above recommendation. Unanimously carried.

7. At the February meeting of the Board of Trustees, Trustee Stevens requested Provost Cantlon to report back to the Board in April with recommended changes in procedures for handling appointments, reappointments, and terminations of non-tenured faculty in the tenure track along the lines of Attorney Carr's memorandum of January 6, 1971. At the time Provost Cantlon indicated that he would urge the University Faculty Tenure Committee and the other academic governance bodies to move as rapidly as possible with their recommendations. Provost Cantlon indicated that the Tenure Committee has concluded their work and their recommendations are being transmitted to the Academic Council. These recommendations, if approved by the Academic Council on April 20 and Academic Senate on May 19, will be included in the May 22, 1971 meeting of the Board of Trustees. In the cases of non-tenured personnel who have been terminated and who challenged this action and whose cases are currently being reviewed by the Michigan Employment Relations Commission, Attorney Carr advised in his letter of March 31, 1971 that the University take no action until they have been disposed by the Commission. Therefore, the University has taken no further action in these cases.

Two faculty members whose contracts not renewed in Dec. 1970 to be granted 1-year reappointment upon request

Following the above report, the following statement and motion were offered by Trustee White:

The procedures described to us today will, when adopted, protect non-tenured faculty members in the future against denial of due process when they come up for reappointments.

The Board is concerned, however, about those few faculty members whose contracts were not renewed in December 1970, and who requested but were denied reasons why they were not reappointed.

To ensure that none of these faculty members is presently being denied the due process which will be guaranteed when the new procedures are available, I move that each shall be given, upon request, a one-year extension of his contract. This will permit a reconsideration of his reappointment under the new procedures.

In the ensuing discussion, in response to Trustee Carrigan's question as to how the proposed action by the Board might be detrimental, Attorney Carr explained that in the cases of the faculty members currently in litigation all of the required formalities had been followed and he felt the Michigan Employment Relations Commission could not accept changes from our basic rules midway through the litigation.

Provost Cantlon stated that the Board had delegated the tenure granting process to the faculty and that as recently as 1969 the question of whether or not reasons for non-reappointment would be given to the individual had been reviewed. He also noted that in many instances a review might not be in the best interests of the individual. He asked at what time the proposed action would be effective, if it included individuals who had been dismissed in the past. Mr. White explained that the action would cover only the two individuals who were notified in December 1970 that their appointments would not be renewed and who had then taken their cases to the MERC.

Dr. Gordon Guyer, chairman of the Steering Committee, explained that the faculty was extremely interested in working closely with the Trustees to settle these kinds of issues, but hoped that the Board would not move in a way to tie the hands of the Faculty Tenure Committee which is working on this issue.

April 16, 1971

Faculty
Reappointments,
continued7. Faculty Reappointments, continued

Vice President Muelder gave a brief background on the tenure system as it operates in most universities. He explained that a person is usually hired for a stated period of time without any indication as to whether or not he will be continued in the appointment. As explained in the MSU Policy Handbook, the appointment may be renewed one or more times, and this procedure constitutes due process.

Mr. White, at Mr. Huff's request, explained that his motion would be limited to the two people (Van Tassel and Murray) who were denied reappointment in December 1970 and will be reappointed for one year and then come under the procedure being formulated by the Academic Council and Senate.

Trustee Huff pointed out that the action being considered should not be interpreted as a criticism of Mr. Carr.

Trustee White's motion was seconded by Trustee Stevens and passed by a vote of 5 to 3, Trustees Carrigan, Huff, Martin, Stevens, and White voting "Yes," and Trustees Hartman, Merriman, and Thompson voting "No."

Meeting adjourned at 12:38 p.m.



President



Secretary