

MINUTES OF THE MEETING
of the
FINANCE COMMITTEE
June 23, 1972

President Wharton called the Finance Committee meeting to order at 7:40 a.m.

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, Vice Presidents Scott and Wilkinson, Assistant to the President Ballard, Attorney Carr.

Absent: No one.

1. a. The University Investment Committee met on May 16 and approved the following recommendation submitted by Scudder, Stevens & Clark:

Investment
recommendations

Consolidated Investment Fund

Cash Available \$ 20,000

Recommend purchasing:
Ford Motor Credit, maturing 6-30-72 20,000

Trustees Martin, Thompson, and Huff were consulted and approved the above recommendation.

- b. The University Investment Committee met on June 7 and approved the following recommendation submitted by Scudder, Stevens & Clark:

Retirement Fund

Cash available 115,000

Recommend purchasing:
2200 sh Federated Department Stores @ \$52/sh. 114,400

Trustees Carrigan, Thompson, and Stevens were consulted and approved the above recommendation.

RESOLVED that the Scudder, Stevens & Clark recommendations, as submitted, be approved.

Unanimously approved. Motion by Trustee Carrigan, seconded by Trustee Thompson.

2. The Board of Directors of the Michigan Dairy Memorial and Scholarship Foundation has requested that \$3,000 be transferred from the trust fund income account to the principal account for additional investment in the Consolidated Investment Fund.

Transfer of
Mich. Dairy
Memorial &
Scholarship
Found. funds

As of June 30, 1971, the principal account had a balance of approximately \$113,000 and the income account had a balance of approximately \$4,500. Annual scholarship expenditures amount to approximately \$4,000 and future revenue would indicate that the above transfer is appropriate.

RESOLVED that the request of the Michigan Dairy Memorial and Scholarship Foundation transferring \$3,000 from the income account to the principal account for investment be approved.

Unanimously approved. Motion by Trustee Thompson, seconded by Trustee Carrigan.

3. It was requested that Vice President Wilkinson be authorized to complete the closing entries of the books of the University for the fiscal year ending June 30, 1972 with final accounting to be made to the Board of Trustees during the presentation of the Ernst & Ernst audit report.

Closing entries
for 1971-72
authorized

RESOLVED that Vice President Wilkinson be authorized to complete the closing entries of the books of the University for the fiscal year ending June 30, 1972.

Unanimously approved. Motion by Trustee Merriman, seconded by Trustee Hartman.

4. In order to simplify collections and separate the orientation fee from the Advanced Enrollment Deposit, the Offices of the Provost and Vice President for Business and Finance jointly recommended that the Advanced Enrollment Deposit be changed, effective September 18, 1972, from its present \$50 to \$40, all of which should be assignable to the orientation fee.

Adv. Enrollment
Deposit fee
changed from
\$50 to \$40

Presently the student is charged \$50 for AED plus \$15 for a supplemental orientation fee. Of the \$50, half is assigned to the orientation fee and half is credited toward course fees. The requested shift will permit several economies in collection procedures and make the AED \$10 cheaper on the first-time student.

Advanced Enrollment
Deposit Fee
Change, cont.

4. Advanced Enrollment Deposit Fee Change, continued

RESOLVED that effective September 18, 1972 the Advanced Enrollment Fee be reduced from \$50 to \$40 and all of it be assigned to the orientation fee.

Unanimously approved. Motion by Trustee Hartman, seconded by Trustee Thompson.

Approval
alterations to
Kresge Art
Center

5. It was requested that the Trustees approved the following major alterations and improvement projects to be funded from maintenance dollars available in the 1971-72 fiscal year:

a. Kresge Art Center

The ceramic area needs extensive repairs and improvements in order to provide a safe place for our students to carry on their program as well as to provide improved space to carry out this program of the Department of Art.

The safety engineers of the University have brought to our attention the unsafe conditions which are resulting in gas fumes being distributed throughout the building. Also, they have brought to our attention that the present kilns are unsafe for continued operation. The administration authorized immediate repairs for safety purposes which would allow the continuation of this operation. The administration authorized immediate repairs for safety purposes which would allow the continuation of this operation through spring term. However, the recommendation of the engineers included major updating of this equipment. In addition, the space for this program has not been adequate, as well as shelving, storage and preparation rooms have not been properly provided.

It was the recommendation of the administration that authorization be given for this project, and a tentative budget of \$250,000 has been established.

b. Chemistry Building

It has also been brought to the attention of the administration that there is a hazardous ventilation condition in the Chemistry Building. The University engineers have completed a study and have made a recommendation that the University take immediate steps to correct the situation. They have established phases for this program, and it was recommended that phase 1 be implemented at a cost of \$185,500.

Both of the above projects should be completed in order to correct hazardous conditions and provide a safe place for our students and employees to work.

The reason that funds are available to complete these two projects at this time is the fact that the administration placed a hold on these funds, pending an additional 1% budget reduction by the Governor and the State of Michigan. Since this reduction did not take place, it was recommended that these funds be released at this time in order to complete the above projects.

RESOLVED that the administration be authorized to proceed with the development of final plans in order to correct the above safety conditions and implement the program improvements and that funds be authorized in the amounts stated, subject to final bidding documents to be submitted to the Board of Trustees.

Unanimously approved. Motion by Trustee Carrigan, seconded by Trustee Thompson. Trustee Huff suggested that it might be appropriate to request funds from the Kresge Foundation for the improvements to the Kresge Art Center. President Wharton replied that he would hesitate to approach the Kresge Foundation at the present time because of the delicate situation existing with regard to the funding of the Water Quality Project. If the issue is successfully resolved he felt it would be in order to go back to the Kresge Foundation with a request for funds.

Bolton &
Helveston Engr.
to assist in
alterations to
Chemistry Bldg.

6. It was requested that the Trustees approve the firm of Bolton & Helveston Engineers of Lansing to assist the University in developing solutions to the ventilating problems for the Chemistry Building.

RESOLVED that the above authorization be granted.

Unanimously approved. Motion by Trustee Thompson, seconded by Trustee Stevens.

Faculty
collective
bargaining
election to be
held Oct. 23 and
24, 1972

7. President Wharton announced that the faculty collective bargaining election will be held on October 23 and 24, 1972. The MSU Faculty Associates has gathered enough signatures (30%) to call for the collective bargaining election. The AAUP has also filed signed authorization cards. While the AAUP does not have the 30% necessary to call for the election, it does qualify as an intervenor and will be on the ballot next fall. The faculty will also have the opportunity to vote for "no collective bargaining agent." The alternative which gains a 50% + 1 of the total vote will be the winner of the election.

8. At the January 21, 1972 meeting, the Board of Trustees approved, in principle, a new retirement plan to replace the present noncontributory plan for the labor, clerical-technical, and certain administrative-professional and faculty groups. The administration was authorized to proceed with the development of this plan and to negotiate it with the appropriate employee groups.

New Retirement
Plan

Vice President Wilkinson, Assistant Vice President Stephen H. Terry, and Gary Posner, Director of Staff Benefits, elaborated on the details of the plan which were developed under the principles approved by the Board of Trustees and are as follows:

Effective January 1, 1973, the University Noncontributory Retirement Plan in its present form will cease to exist and will be replaced by a TIAA-CREF Annuity Program for all permanent full-time employees and retirees.

GROUP I - All full-time Clerical-Technical and Hourly employees:

1. The TIAA-CREF program will be identical in plan details to the current TIAA-CREF plan for faculty and administrators including, but not limited to, the following areas:
 - A. Immediate vesting of employee and University contributions made to TIAA-CREF.
 - B. Immediate death benefits with right to select beneficiary.
 - C. The right to allocate percentage of contributions between TIAA and CREF.
 - D. The full range of survivor's options which are chosen at retirement.
 - E. The right to tax-defer the employee's contributions.
 - F. The receipt of individualized annual statements from TIAA-CREF.
2. The TIAA-CREF program effective January 1, 1973, will differ in areas of contribution amounts and eligibility requirements as follows:
 - A. The program will be offered to all permanent full-time employees with at least 3 years of service.
 - B. The program will be required, as a condition of employment, for those who have attained age 35 and 3 years of service.
 - C. Those employees who are 55 years of age or over on January 1, 1973 may elect to remain subject to the improved University Plan formula (see 3A below).
 - D. The contribution levels for the employee and the University will operate on the following schedule:
 - On 1-1-73 - 3% employee/6% MSU
 - On 7-1-75 - 4% employee/8% MSU
 - On 7-1-77 - 5% employee/10% MSU
3. While the University Plan will in effect no longer exist, an individual employee will receive no less than what an improved UNCRP formula would have given him upon retirement:
 - A. The University Plan formula will be improved to: 2% for each year of service multiplied by the highest 3-year average earnings, with a \$3,600 ceiling.
 - B. This formula (3A) will be applied for each employee at retirement and will become the minimum that the employee will receive.
 - C. The employee and the University contributions to TIAA-CREF will purchase an annuity with the dollar value based on the entry date, earnings and years of participation coupled with the interest and experience of TIAA and/or CREF.
 - D. The employee will receive the larger of the improved formula (3A) or a TIAA-CREF annuity (based on TIAA only) (3C) upon retirement and will receive payment direct from TIAA-CREF in either case.
 - E. Those employees age 55 or over who do not elect to participate will have their retirement figured solely on the improved formula (3A).
 - F. Employees who "retire" without meeting the minimum requirements for vesting under the old University Plan (i.e., 62 years of age with 15 years of service or 25 years of service and subject to normal actuarial reductions, if any) will receive a pension solely from the contributions made to the TIAA-CREF annuity.
4. Employees who are between ages 35 and 55 and with 3 years of service on January 1, 1973, may elect to defer their participation until July 1, 1973, if they wish.

New Retirement
Plan

8. New Retirement Plan, continued

GROUP II - A-P's employed prior to July 1, 1970, and faculty employed prior to July 1, 1958, who are NOT currently in TIAA-CREF will be:

..Allowed to enter TIAA at 5%/10% and freeze years of service back to July 1, 1958 or employment date if later, as is present policy (and then fall under frozen benefit regulations - see Group III),

OR

..Elect to enter TIAA at 3%/6% with same guidelines as Group I with age 55 or over employees having the participation option.

GROUP III - Administrative-Professional personnel and faculty employed prior to 1958 who went into TIAA-CREF with "Frozen Benefits" and Clerical-Technical employees who were promoted to an A-P classification (who have frozen benefits from employment until promotion) will:

1. Be under the new (improved) formula with a \$3,600 maximum.
2. Their "highest 3-year average earnings" will become their July 1, 1972 salary and it will be FROZEN at that level.
3. At retirement (assuming at least 15 years service at age 62 or 25 years of service), the improved formula will be applied to their July 1, 1972 salary which they will receive in addition to their TIAA-CREF annuity.

GROUP IV - Retirees

All retirees who are drawing a University pension on December 31, 1972 will receive a 9.1% increase in their annual retirement pension effective January 1, 1973.

COOPERATIVE EXTENSION PERSONNEL

Cooperative Extension Personnel will be subject to the same participation rules as other employees:

1. As is present policy, the Cooperative Extension Agent could elect to enter TIAA-CREF at 5%/10% and freeze (like Group II) back to 1958 or his employment date, if later (and fall under frozen benefit regulations - Group III),

OR

2. Enter TIAA-CREF at 3%/6% with same guidelines as Group I.

Special Option

Because the Cooperative Extension employees are already covered by the Federal Retirement Program, they may elect not to enter the TIAA-CREF program and would therefore receive all retirement benefits solely from the Federal Program.

New Cooperative Extension Agents after January 1, 1973

Enter TIAA-CREF at 5%/10% level at any time without mandatory participation requirements,

OR

Receive all retirement benefits solely from the Federal Retirement Program.

The financing plans are as follows:

1. General Principles

- A. Costs associated with benefits earned as a result of current services will be paid out of current operating funds.
- B. To the extent possible, costs associated with benefits earned as a result of prior service, including payments to those already retired, will be funded from sources other than current and future operations.

8. New Retirement Plan, continued

New Retirement
Plan, cont.

Financing plans, continued

2. Implementation

A. All funds except dormitory and food service accounts.

- (1) Current costs to be paid from a portion of funds now provided for the noncontributory plan.
- (2) Past service costs to be funded in part by an annual allocation of approximately \$2 million from the assets of the noncontributory retirement fund, and in part by allocation of funds now provided for the noncontributory plan.

B. Dormitory and food service accounts.

- (1) Current costs to be paid from current operating funds. Costs of benefits paid to current retirees will no longer be paid from operations.
- (2) Past service costs will be primarily funded from the net income of apartments freed from trust indenture by the April 1972 refinancing.

C. Current estimates of total costs and first and subsequent year funding are shown below. The program will be reviewed each year and revised figures prepared for inclusion in each year's budget.

Summary of Estimated Past Service Costs
as of January 1, 1973

	<u>Dormitories and Food Services</u>	<u>General Fund All Other Funds</u>
1. Labor and Clerical-Technical	\$6,555,675	\$ 9,462,201
2. Faculty and A-P not currently in TIAA	106,957	2,142,704
3. Faculty and A-P currently in TIAA, but who earned benefits under the old system prior to 1958	194,596	12,573,386
4. Current Retirees	<u>1,741,993</u> <u>\$8,599,221</u>	<u>13,341,484</u> <u>\$37,519,775</u>
Annual payment required for maximum of 20 years	<u>\$ 760,000</u>	<u>\$ 3,315,000</u>

First and Subsequent Year Funding

	<u>1972-73</u>	<u>Subsequent Years</u>
General and Other Funds		
Anticipated current service costs (1972-73 reflects half a year on each system)	\$1,420,000	\$ 740,000
Current system annual costs already funded	<u>2,100,000</u>	<u>2,100,000</u>
Available for funding past service costs	<u>\$ 680,000</u>	<u>\$1,360,000</u>
Anticipated past service costs	\$1,658,000	\$3,315,000
Funding from current operations	<u>680,000</u>	<u>1,360,000</u>
Required allocation of retirement fund assets	<u>\$ 978,000</u>	<u>\$1,955,000</u>

NOTE: Allocations of retirement fund assets according to this schedule are expected to deplete the existing retirement fund over the twenty-year period.

Dormitories and Food Services

Anticipated current service costs (1972-73 reflects half a year on each system)	\$ 275,000	\$ 300,000
Current system annual costs already funded	<u>225,000</u> <u>\$ 50,000</u>	<u>275,000</u> <u>\$ 25,000</u>
Anticipated past service costs	<u>\$1,658,000</u>	<u>\$ 620,000</u>
Income from Apartments released from indenture by April 1972 refinancing		
1971-72 Income	\$ 620,000	
1972-73 Income	620,000	
1973-74 Income		620,000
Allocation of funds from Reserve for Auxiliary Enterprises	<u>418,000</u>	
Total funds required for past service costs	<u>\$1,658,000</u>	<u>\$ 620,000</u>

New Retirement
Plan, cont.

8. New Retirement Plan, continued

NOTE: Since the revenues produced by the apartments are not sufficient to meet the annual payment of \$760,000, this plan proposes to make a sufficiently large first-year payment to reduce the annual payment for subsequent years to a level which can be supported by the apartments.

The University has negotiated contracts with Locals 1585, 547, and 999 accepting the above program and the long-term disability program.

RESOLVED that the above retirement program be adopted by the Board of Trustees and that the contracts negotiated with Locals 1585, 547, and 999 be approved.

Unanimously approved. Motion by Trustee Huff, seconded by Trustee Carrigan.

Married Students
Activities Unit
to be allowed to
make presenta-
tion at June 23
open meeting

9. President Wharton had distributed to the Trustees a report on the Married Students Child Day Care Center which was constructed in 1971 with the help of an internal loan by the University with the stipulation that the Center would be self-supporting. The Married Students Activities Unit, which was involved in developing the Day Care Center, had requested permission to present to the Trustees at the June 23 open Board meeting a proposal for the 1972-73 operation of the Center. This proposal would include some academic support from several University departments.

Trustees Merriman and Thompson expressed the opinion that such groups should not be allowed to appear before the Trustees without prior evaluation of their requests by the administration.

Motion was made by Trustee Stevens, seconded by Trustee Carrigan, to allow the Married Students Activities unit to make a presentation to the Board at the open meeting.

Motion carried by a vote of 6 to 2, Trustees Merriman and Thompson voting "No."

Administration
to prepare
proposals re
"Policy Issues on
University's Service
Responsibilities
Beyond Its
Traditional
Missions"

The President also distributed for Trustee consideration a list of six questions on "Policy Issues on the University's Service Responsibilities Beyond Its Traditional Missions." Trustee Huff stated he felt the Trustees should be given time to study these issues and that any action taken should occur in an open meeting. President Wharton responded that he did not intend for any action to be taken at this time but he wanted the Trustees to be alerted to the fact that the administration is thinking about these questions and if agreeable to the Trustees, would submit for Trustee consideration recommendations for the establishment of such policies.

Trustee Thompson remarked that once a step is taken in a certain direction, regardless of any set policy, additional requests then come in and "go on forever and ever." Procedures that are developed to implement policy, he remarked, are what cause the problems.

Provost Cantlon stated that in the medical and psychiatric areas facilities are needed for clinical experience.

It was the consensus that the administration should submit a set of recommendations for Board consideration.

Reports:

10. Reports

Higher
Education Bill

A. Higher Education Bill

President Wharton reported that under the present provisions of the Higher Education Bill, now awaiting President Nixon's signature, the University will receive \$5,200,000. He informed the Trustees that many institutions are thinking in terms of using these funds for non-recurring expenditures such as capital outlay not funded by state resources. Provost Cantlon added that the administration would like to allocate a part of these funds for investigating means of increasing the output for dollars invested. He specifically mentioned the possibility of a joint effort on the part of several Michigan universities in the teaching of some foreign languages.

Trustee Huff cautioned against using these funds on non-productive ad hoc committees.

1972-73 State
appropriation

B. 1972-73 State Appropriation

President Wharton reported that it is anticipated that the State budget would be approved by the Legislature the middle or end of the last week in June. He suggested that in order to give the administration time to prepare the 1972-73 budget, the July Board meetings be changed from the 20th and 21st to the 27th and 28th. He also suggested the Board might wish to schedule a preliminary meeting of the Finance Committee for the discussion of salary increase guidelines and matters of that nature. It was agreed to schedule the regular meetings on the 27th and 28th. President Wharton also announced that the presentation on the School of Criminal Justice, a presentation on the Women's Committee Report and the administration's response to that report would be planned for the Thursday evening informal session.

10. Reports, continued

Reports, cont.

B. 1972-73 State Appropriation, continued1972-73 State
appropriation,
cont.

President Wharton reported that of major concern to the University were the following Senate cuts in the State appropriation: (1) change in the base on which the salary formula is determined; (2) inconsistencies from one University to another in regard to the recent decisions from the PSC; (3) allocations for disadvantaged students; (4) the line itemizing of each college in the University with resulting inconsistencies among the various colleges; (5) the phasing out of funds for fire protection; (6) the ambiguity of the phrasing regarding the College of Law. The administration is still trying to have additional funds put back into the bill in the House.

Regarding capital outlay, Executive Vice President Breslin reported that the appropriation bill provides \$3,000,000 for the first phase of the expansion of the Power Plant, \$1,000,000 to start construction of the Clinical Sciences Building. A total of approximately \$27,000,000 worth of new construction has been authorized for the campus. Mr. Breslin also stated that serious miscalculations had been made in figuring the medical school budgets and funds to correct these errors were taken from different colleges within the University. He reported that the House has restored \$2,000,000 to the budget, for which concurrence by the Senate will have to be obtained. He also outlined some of the reasons for opposition to the establishment of a law school at MSU.

C. Residence Halls Closing HoursResidence Halls
Closing Hours

Vice President Nonnamaker reported that on the basis of an experiment in Mason-Abbot Halls last year on closing hours, effective fall term all residence halls will be locked from midnight until 6 a.m. so that to gain access to residence halls after midnight one will have to be identified as a resident of that hall or be identified as a bona fide guest.

Adjourned.

MINUTES OF THE MEETING
of the
BOARD OF TRUSTEES
June 23, 1972

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

Absent: No one.

The Board convened in the Board Room at 10:20 a.m. - President Wharton presiding.

On motion by Trustee Hartman, seconded by Trustee Thompson, it was unanimously voted to approve the minutes of the May 19, 1972 Board meeting with one addition as requested by Trustee Huff.

SPECIAL MISCELLANEOUS

1. The following items were recommended for addition to the agenda:

- A. Report on the Day Care Center
- B. Disclaimer statement by Trustee Thompson

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

2. Motion was made by Trustee Thompson, seconded by Trustee Hartman, to approve the Finance items on the preceding pages. Unanimously carried.

A. PERSONNEL CHANGESResignations

Resignations

- 1. Gerald O. Jessup, 4-H Youth Agent, Sanilac, Tuscola, and Huron Counties, effective August 31, 1972 to accept other employment.
- 2. Marilyn K. Mann, Extension Home Economist, Berrien, VanBuren, and Cass Counties, effective June 12, 1972 to become full-time mother and homemaker.

A. PERSONNEL CHANGES, continued

June 23, 1972

Resignations

Resignations, continued

3. Toni D. McKinney, Extension Home Economist, Oceana, Newaygo, and Muskegon Counties, effective May 12, 1972 due to illness.
4. Jesse S. Hixson, Assistant Professor, Economics, and Office of Health Services Education and Research, effective August 31, 1972.
5. Dalton E. McFarland, Professor, Management, effective August 31, 1972 to assume professorship at the University of Alabama, Birmingham.
6. Fred B. Bauries, Assistant Professor, Advertising, effective August 31, 1972 to go into business for himself.
7. Stanley E. Smith, Associate Professor, Journalism, effective August 31, 1972 to spend full-time in international programs in Europe.
8. Raymond L. Boozer, Associate Professor, Elementary and Special Education, effective August 31, 1972 to accept the directorship of Elementary Education in the Grand Rapids Public Schools.
9. Robert A. Otto, Assistant Professor, Elementary and Special Education effective August 31, 1972 to accept a position with another educational institution.
10. R. Dale Lefever, Instructor and Assistant to the Dean, Engineering, effective July 10, 1972 to accept another position.
11. Larry S. Murphy, Research Associate, Engineering Research, effective May 31, 1972 to return to a faculty position at Kansas State University.
12. Dorothy F. West, Instructor, Family Ecology, and Secondary Education and Curriculum, effective August 31, 1972, to assume family responsibilities full-time for one year.
13. Kaye Funk, Associate Professor, Food Science and Human Nutrition, effective July 31, 1972 to accept a position at Washington State University.
14. Elaine C. Williams, Instructor, Institute for Family and Child Study, effective June 9, 1972 to devote more time to family commitments.
15. James D. Hoeschele, Postdoctoral Fellow, Biophysics, effective June 30, 1972 to accept a position with the Engelhard Corporation.
16. Jay Stanley Huebner, Research Associate, Biophysics, effective August 15, 1972 to take a position with the University of Florida.
17. Gene R. Safir, Research Associate, Botany and Plant Pathology, effective June 30, 1972 to accept an Assistant Professorship in the department.
18. Irvin E. Vance, Associate Professor, Mathematics, effective August 31, 1972 to accept a position at New Mexico State University (Las Cruces).
19. Myrna Reed, Assistant Professor, Nursing, effective August 31, 1972 to accompany husband who is completing doctoral study and will be leaving the area.
20. Paul F. Kunz, Research Associate, Physics, effective June 30, 1972 to be appointed as Assistant Professor.
21. William L. Wood, Assistant Professor, Natural Science, effective August 31, 1972 to accept a position at Purdue University.
22. Herbert E. Coolidge, Assistant Professor, Institutional Research, effective June 30, 1972 to accept a position at the University of Virginia.
23. Adelbert C. Jones, Specialist, Center for Urban Affairs, effective July 31, 1972 to accept another position.
24. Julius S. Scott, Visiting Associate Professor, Center for Urban Affairs, effective June 30, 1972 to accept other employment.
25. Donna B. Sweeny, Instructor, Center for Urban Affairs, effective May 31, 1972 to be appointed Extension Specialist.
26. Richard W. Thomas, Instructor and Research Director for Media Project, Center for Urban Affairs, effective June 30, 1972 to terminate temporary appointment and assume full-time appointment.
27. Cancellation of the appointment of Nolen M. Ellison as Assistant Vice President for Student Affairs and Dean of Students, Student Affairs, effective July 1, 1972.
28. Miriam G. Burke, Assistant Professor, Counseling Center, effective August 31, 1972 to accept position of Associate Professor of Counseling and Pastoral Psychology at the Earlham School of Religion, Richmond, Indiana.
29. Barbara Sue Jennings, Assistant Professor, Counseling Center, effective August 31, 1972 for personal reasons.

A. PERSONNEL CHANGES, continued

June 23, 1972

Sabbatical
LeavesLeaves--Sabbatical

1. Robert L. Fiore, Associate Professor, Romance Languages, with full pay, from April 1, 1973 through June 30, 1973 to study in East Lansing.
2. Stephen L. Yelon, Associate Professor, Counseling, Personnel Services and Educational Psychology, and Assistant Director, Learning Services, with half pay, from September 1, 1972 through August 31, 1973 to study in New York.
3. Ann G. Olmsted, Professor, Medical Education Research and Development, and Secondary Education and Curriculum, with full pay, from September 16, 1972 through March 15, 1973 to study and travel in Yugoslavia, Israel, Middle East.
4. Paul M. Hurrell, Professor, Justin Morrill College, with half pay, from January 1, 1973 through June 30, 1973 to study in England and Claifornia.
5. Richard U. Byerrum, Professor and Dean, College of Natural Science, with full pay, from November 1, 1972 through April 30, 1973 to study at the University of California, San Diego.
6. Frederick W. Stehr, Associate Professor, Entomology, with full pay, from January 1, 1973 through June 30, 1973 to study in Washington, D.C.
7. Robert Ehrlich, Associate Professor, Geology, with half pay, from September 1, 1972 through August 31, 1973 to study at the University of South Carolina.
8. John R. Kinney, Professor, Mathematics, with half pay, from September 1, 1972 through August 31, 1973, to study and travel in Salzburg, Austria.
9. Gerald D. Taylor, Professor, Mathematics, with full pay, from September 1, 1972 through August 31, 1973 to study at Stanford University, Stanford, California.
10. Ralph N. Costilow, Professor, Microbiology and Public Health, with full pay, from January 1, 1973 through June 30, 1973 to study in Paris, France.
11. William E. Cooper, Professor, Zoology, with full pay, from September 1, 1972 through August 31, 1973 to study in Yugoslavia, and at University Riverside in California.
12. Iwao Ishino, Professor and Chairman, Anthropolgy, with full pay, from June 16, 1972 through September 15, 1972 to study in Los Angeles, California.
13. Ellen A. Strommen, Associate Professor, Psychology, with half pay, from January 1, 1973 through June 30, 1973 to write in East Lansing.
14. Max Bruck, Professor, Social Work, with full pay, from October 1, 1972 through December 31, 1972 to study in East Lansing.
15. Bernard F. Engel, Professor and Chairman, American Thought and Language, with full pay, from June 10, 1973 through September 10, 1973 to study and travel in Argentina and Europe.
16. Conrad L. Donakowski, Associate Professor, Humanities, with half pay, from September 1, 1973 through August 31, 1974 to study and travel in Europe and the Mediterranean area.
17. Richard R. Laurence, Assistant Professor, Humanities, with half pay, from September 1, 1973 through August 31, 1974 to study and travel in Europe.
18. Clifford W. Welsch, Associate Professor, Anatomy, with full pay, from July 1, 1972 through June 30, 1973 to conduct research under the Career Development Award at the Michigan Cancer Foundation and Henry Ford Hospital, Detroit, Michigan.
19. Delbert E. Schoenhard, Professor and Associate Chairman, Microbiology and Public Health, with full pay, from August 1, 1972 through January 31, 1973 to study in East Lansing, Michigan; Atlanta, Georgia; Los Alamos, New Mexico; and La Jolla, California.
20. Ralph E. Kron, Professor, Counseling Center, with full pay, from January 1, 1973 through June 30, 1973 to study and travel in Mexico.

Leaves--Health

Health Leaves

1. Nancy B. Burton, Extension Home Economist, Baraga, Houghton, and Keweenaw Counties, with full pay, from June 1, 1972 through June 30, 1972.
2. Donald C. Tavano, Assistant Professor, Health, Physical Education and Recreation, with full pay, from April 14, 1972 through May 8, 1972.

A. PERSONNEL CHANGES, continued

June 23, 1972

Leaves--Military

1. Philip L. Hageman, Animal Husbandry Technician IX, Animal Husbandry, without pay, from July 1, 1972 through June 30, 1973.
2. Richard A. Bay, Laboratory Technician, Crop and Soil Sciences, without pay, from July 1, 1972 through June 30, 1973.
3. John E. Nixon, Labor II, Crop and Soil Sciences, without pay, from July 1, 1972 through June 30, 1973.
4. Edward A. Richards, Labor II, Crop and Soil Sciences, without pay, from July 1, 1972 through June 30, 1973.
5. John A. Whitehead, Laboratory Technician, Osteopathic Medicine, without pay, from July 1, 1972 through June 30, 1973.
6. Richard P. Liblong, TV Cameraman VIII, Instructional Media Center, without pay, from July 1, 1972 through June 30, 1973.
7. John W. Pape, Dispathcher, Instructional Media Center, without pay, from July 1, 1972 through June 30, 1973.
8. Larry E. Prout, Senior Trainee, Instructional Media Center, without pay, from July 1, 1972 through June 30, 1973.
9. Richard B. Sinclair, Cameraman VIII, Instructional Media Center, without pay, from July 1, 1972 through June 30, 1973.
10. Rick L. Boyd, Desk Clerk VII, Protective Services, without pay, from July 1, 1972 through June 30, 1973.
11. Ronald J. Reamer, Public Safety Officer, Protective Services, without pay, from July 1, 1972 through June 30, 1973.
12. Robert J. Slayton, Radiation Monitor XI, Safety Services, without pay, from July 1, 1972 through June 30, 1973.
13. Kerry D. Cornell, Janitor III, Physical Plant, without pay, from July 1, 1972 through June 30, 1973.
14. Mark R. Mason, Custodian III, Physical Plant, without pay, from July 1, 1972 through June 30, 1973.
15. Richard E. Vargo, Engineering Designer, Physical Plant, without pay, from July 1, 1972 through June 30, 1973.
16. William E. Allen, Custodian II, Union Building, without pay, from July 1, 1972 through June 30, 1973.
17. Philip S. Hannaford, Senior Food Supervisor IX, Holmes Cafe., without pay, from July 1, 1972 through June 30, 1973.
18. Mark E. Holstius, Grill Room Manager, Mason-Abbot, without pay, from July 1, 1972 through June 30, 1973.
19. James G. McCutcheon, Food Supervisor VIII, Brody Cafe., without pay, from July 1, 1972 through June 30, 1973.
20. Thomas F. Reek, Senior Food Supervisor IX, Brody Cafe., without pay, from July 1, 1972 through June 30, 1973.
21. Gerald G. Stoecker, Baker II, Shaw Hall, without pay, from July 1, 1972 through June 30, 1973.
22. Robert J. Thornton, Grill Room Manager, Wilson Hall, without pay, from July 1, 1972 through June 30, 1973.
23. Donald M. Tierney, Senior Food Supervisor IX, Wilson Cafe., without pay, from July 1, 1972 through June 30, 1973.
24. Patrick R. Delmar, Stockman, Stores, without pay, from July 1, 1972 through June 30, 1973.

Leaves--Other

1. James F. Price, Associate Professor, Food Science and Human Nutrition, without pay, from June 11, 1972 through June 30, 1972 to assist with a survey of the food industry of Central America as a representative of the Consortium for the Development of Technology (CODOT) as contracted with the Central American Research Institute for Industry (ICAITI).

Military
LeavesOther
Leaves

A. PERSONNEL CHANGES, continued

June 23, 1972

Other
LeavesLeaves--Other, continued

2. Barry D. Amis, Assistant Professor, English, without pay, from September 1, 1972 through August 31, 1973 to serve at the University of Metz.
3. Norman Pollack, Professor, History, without pay, from September 1, 1972 through December 31, 1972 to study in East Lansing.
4. Mildred Zimmerman, Instructor, Music, without pay, from September 1, 1972 through August 31, 1973, to study at the University of Indiana, Bloomington.
5. Herbert G. Bohnert, Professor, Philosophy, without pay from September 1, 1972 through December 31, 1972 to study in East Lansing.
6. Stephen E. Toulmin, Professor, Philosophy, without pay, from September 1, 1972 through August 31, 1973, to accept a position at Santa Cruz.
7. Hugo Nurnberg, Associate Professor, Accounting and Financial Administration, without pay, from September 1, 1972 through August 31, 1973 to serve as Visiting Professor at Wharton School, University of Pennsylvania.
8. Harry M. Trebing, Professor, Economics, and Director, Institute of Public Utilities, without pay, from August 1, 1972 through December 31, 1972 to continue as Chief Economist, U.S. Postal Rate Commission.
9. Thomas R. A. Kuester, Instructor, Human Environment and Design, without pay, from September 1, 1972 through August 31, 1973 to engage in professional design in support of teaching improvement.
10. James B. Thomas, Associate Professor, Anatomy, and Human Development, without pay, from July 1, 1972 through June 30, 1973 to study at Lansing hospitals (E. W. Sparrow Hospital, St. Lawrence Hospital, and Ingham Medical Hospital).
11. Ronald C. Simons, Associate Professor, Psychiatry, without pay, from July 20, 1972 through September 1, 1972 to write and complete research in Seattle, Washington.
12. Alex Bacopoulos, Assistant Professor, Mathematics, without pay, from September 1, 1972 through August 31, 1973 to study in the Department of Informatique, University of Montreal, Montreal, Quebec, Canada.
13. Ronald J. Horvath, Assistant Professor, Geography, without pay, from September 1, 1972 through August 31, 1973 to study and write in East Lansing.
14. Joel Aronoff, Associate Professor, Psychology, without pay, from September 1, 1972 through August 31, 1973 to serve as Visiting Associate Professor, Hebrew University, Jerusalem, Israel.
15. David Rohde, Assistant Professor, Political Science, without pay, from January 1, 1973 through August 31, 1973 to study in Washington, D.C.
16. Russell W. Allen, Professor and Associate Director, Labor and Industrial Relations, without pay, from September 1, 1972 through August 31, 1973 to work on teaching and program planning in Washington, D.C.
17. Gerry Gill Harsch, Instructor, Urban Planning and Landscape Architecture, without pay, from September 1, 1972 through August 31, 1973 to work on professional improvement in Toronto as headquarters for professional service throughout Canada and other countries.
18. John T. Ritter, Assistant Professor, Linguistics and Oriental and African Languages, and African Studies Center, without pay, from September 1, 1972 through August 31, 1973 to study in Northwest Territories and Yukon Territory, Canada.
19. Theodore R. Kennedy, Professor, American Thought and Language, without pay, from September 1, 1972 through December 31, 1972 to work with U. S. Representative in Washington, D.C.
20. James R. Anderson, Instructor, Humanities, and Assistant Director, Honors College, without pay, from August 1, 1972 through August 31, 1972 to study in East Lansing.
21. Ulla M. Wiberg, Librarian, Libraries, without pay, from August 1, 1972 through September 30, 1972 for Peace Corp Training, Washington, D.C.
22. Marvin E. Stephenson, Associate Professor, Institute of Water Research, Fisheries and Wildlife, and College of Engineering, without pay, from August 1, 1972 through July 30, 1974 for a two year appointment with the Rockefeller Foundation as Assistant Director of Natural and Environmental Sciences.
23. John R. Powell, Professor and Associate Director, Counseling Center, without pay, from September 5, 1972 through May 15, 1973 to teach at the University of Missouri, Columbia, Missouri.

A. PERSONNEL CHANGES, continued

June 23, 1972

Other
LeavesLeaves--Other, continued

24. Mary P. Sharp, Assistant Director, Equal Opportunity Programs, without pay, from September 1, 1972 through October 30, 1972 to travel in Uar, Iran, Afghanistan, Jordan, and give volunteer service in Afghanistan.

Transfers and
Changes in
AssignmentTransfers and Changes in AssignmentDouglas J.
Chapman

Sharon K. Fritz

George R.
McQueenSheila S.
MorleyWilbur A.
DexterWarren H.
VincentLinda Lou
ShearmanCharles D.
Kesner

Carl C. Hoyt

William H.
CombsJames C.
StalkerDavid G.
LockwoodAlbert C.
CafagnaDole A.
Anderson

John Polomsky

Julian Kateley

Richard V.
FaraceMartin G.
KeeneyDonald K.
Anderson

Gary Cloud

Richard C.
Dubes

1. Transfer Douglas J. Chapman from Extension Horticultural Agent, Genesee County, to County Extension Director, Midland County, with an increase in salary to \$15,000 per year on a 12-month basis, effective July 1, 1972.
2. Transfer Sharon K. Fritz, Extension Home Economist, from At Large to Alcona and Oscoda Counties effective July 1, 1972.
3. Transfer George R. McQueen from Extension Agricultural Agent, Clinton County, to County Extension Director, Shiawassee County with an increase in salary to \$15,300 per year on a 12-month basis, effective July 1, 1972.
4. Transfer Sheila S. Morley from District Extension Consumer Marketing Information Agent, Saginaw County, to Extension Specialist, Consumer Marketing Information, Campus, effective July 1, 1972.
5. Transfer Wilbur A. Dexter from Extension Farm Management Agent, Cooperative Extension Service, to Specialist, Department of Agricultural Economics, effective July 1, 1972.
6. Dual assignment of Warren H. Vincent, Professor, to Agricultural Economics and International Centers and Institutes, effective June 15, 1972 through June 30, 1972.
7. Change Linda Lou Shearman, Instructor, Crop and Soil Sciences, from 100% time to 60% time at a salary of \$5,800 per year on a 12-month basis, effective June 1, 1972 through August 31, 1972.
8. Renew rank of Assistant Professor, Horticulture, effective July 1, 1972 through June 30, 1973, for Charles D. Kesner, District Extension Horticulture Agent.
9. Renew rank of Assistant Professor, Poultry Science, effective July 1, 1972 through June 30, 1973, for Carl C. Hoyt, District Extension Marketing Agent.
10. Assignment of William H. Combs, Professor and Dean Emeritus, as Assistant Dean for Continuing Education, College of Arts and Letters and Continuing Education, and Director of Archives, 50% time at a salary of \$10,000 per year plus retirement effective July 1, 1972 through June 30, 1973.
11. Dual assignment of James C. Stalker, Assistant Professor, to English and the English Language Center, effective September 1, 1972 through August 31, 1973.
12. Change David G. Lockwood, Associate Professor, from German and Russian, and Linguistics and Oriental and African Languages, to Linguistics and Oriental and African Languages only, effective July 1, 1972.
13. Change Albert C. Cafagna, Assistant Professor, from Philosophy and Justin Morrill College to Philosophy only, effective July 1, 1972.
14. Change Dole A. Anderson from Professor and Director, Bureau of Business and Economic Research, and Acting Director, Institute of Public Utilities, to Professor and Director, Bureau of Business and Economic Research only, effective January 1, 1973.
15. Dual assignment of John Polomsky, Assistant Professor, to Engineering Instructional Services and Dean of Engineering, effective September 1, 1972 through August 31, 1973.
16. Change dates of leave of absence for Julian Kateley, Professor, Computer Science and Associate Director, Computer Laboratory, from April 15, 1971 to June 30, 1972, to April 15, 1971 to June 15, 1972.
17. Change sabbatical leave dates for Richard V. Farace, Associate Professor, Communication, from September 1, 1972 to June 30, 1973, to January 1, 1973 through June 30, 1973.
18. Change Martin G. Keeney from Associate Professor, Computer Science, and Director, Management Information Systems, Institutional Research, Provost's Office, to Associate Professor, Computer Science only, effective July 1, 1972.
19. Additional assignment to Engineering Research effective September 1, 1972 for Donald K. Anderson, Professor, Chemical Engineering and Physiology.
20. Dual assignment of Gary Cloud, Associate Professor, to Metallurgy, Mechanics, and Materials Science and Engineering Research, effective September 1, 1972.
21. Dual assignment of Richard C. Dubes, Professor, to Computer Science and Division of Engineering Research, effective September 1, 1972.

A. PERSONNEL CHANGES, continued

June 23, 1972

Transfers and
Changes in
AssignmentTransfers and Changes in Assignment, continued

22. Dual assignment of Carl V. Page, Associate Professor, to Computer Science and Division of Engineering Research, effective September 1, 1972. Carl V. Page
23. Change Robert Rosen from Adjunct Professor, Electrical Engineering and Systems Science, without pay, to Professor, Electrical Engineering and Systems Science and Engineering Research, at a salary of \$5,111 for the period July 1, 1972 through August 31, 1972. Robert Rosen
24. Change Karl L. Schulze, Associate Professor, from Civil and Sanitary Engineering and Division of Engineering Research, to Civil and Sanitary Engineering only, effective July 1, 1972. Karl L. Schulze
25. Change effective date of appointment of William C. Taylor as Professor and Chairman, Civil and Sanitary Engineering, from July 1, 1972 to September 1, 1972. William C. Taylor
26. Change John B. Kreer, Professor, from Electrical Engineering and Systems Science and Division of Engineering Research, to Electrical Engineering and Systems Science only, effective July 1, 1972. John B. Kreer
27. Change Amritlal M. Dhanak, Professor, from Division of Engineering Research and Mechanical Engineering, to Mechanical Engineering only, effective September 1, 1972. Amritlal M. Dhanak
28. Change M. Z. Krzywoblocki, Professor, from Division of Engineering Research and Mechanical Engineering to Mechanical Engineering only, effective September 1, 1972. M. Z. Krzywoblocki
29. Change Donald J. Montgomery from Professor (Research), Engineering, and Professor, Physics, to Professor (Research), Metallurgy, Mechanics, and Materials Science and Dean of Engineering, and Professor, Physics, with a change from a 12-month basis at a salary of \$31,250 per year to a 10-month basis at a salary of \$25,000 per year, effective September 1, 1972. Donald J. Montgomery
30. Transfer Robert P. Boger from Professor, Family and Child Sciences and Dean of Human Ecology, and Director, Institute for Family and Child Study, to Professor, Family and Child Sciences and Dean of Human Ecology and Provost's Office, and Director, Institute for Family and Child Study, effective July 1, 1972 through June 30, 1973. Robert P. Boger
31. Change Bonnie M. Morrison, Instructor, Family Ecology and Human Environment and Design, from 100% time at \$11,350 per year to 50% time at \$5,675 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973. Bonnie M. Morrison
32. Additional title of Vice Chairman of Human Development, effective July 1, 1972 for Arthur F. Korrman, Associate Professor, Human Development and Medical Education Research and Development. Arthur F. Korrman
33. Assignment of Daniel F. Cowan, Associate Professor and Associate Chairman of Pathology, as Director, Laboratory Medicine, College of Osteopathic Medicine, effective April 1, 1972. Daniel F. Cowan
34. Additional assignment to the Department of Medicine, effective July 1, 1972 for Sumer D. Verma, Assistant Professor, Psychiatry and Olin Health Center, and Counseling Center. Sumer D. Verma
35. Change from a temporary to a regular appointment with tenure, effective July 1, 1972 for Edward J. Kollar, Professor, Psychiatry, and Director, Undergraduate Medical Education-Flint, Dean of Human Medicine. Edward J. Kollar
36. Change beginning date of appointment of Rose Toby Zacks as Associate Professor, Psychology, from April 1, 1972 to March 1, 1972. Rose Toby Zacks
37. Change John T. Parmeter, Assistant Professor, Medical Education Research and Development, from 50% time at a salary of \$10,000 per year to 100% time at a salary of \$20,000 per year on a 12-month basis, effective June 1, 1972 through June 30, 1972. John T. Parmeter
38. Transfer Patricia A. D'Itri, Assistant Professor, from American Thought and Language to James Madison College, effective September 1, 1972 through August 31, 1973. Patricia A. D'Itri
39. Transfer Philip Korth, Associate Professor, from American Thought and Language to James Madison College, effective September 1, 1972 through August 31, 1973. Philip Korth
40. Dual assignment of Conrad L. Donakowski, Associate Professor, to Humanities and James Madison College, effective March 1, 1973 through June 30, 1973. Conrad L. Donakowski
41. Dual assignment of Barrie Thorne, Assistant Professor, to Sociology and James Madison College, effective January 1, 1973 through April 30, 1973. Barrie Thorne
42. Dual assignment of Reed Baird, Associate Professor, to American Thought and Language and Lyman Briggs College, effective March 1, 1973 through June 30, 1973. Reed Baird
43. Dual assignment of John H. Ferres, Professor, to American Thought and Language and Lyman Briggs College, effective January 1, 1973 through April 30, 1973. John H. Ferres

A. PERSONNEL CHANGES, continued

Transfers and Changes in Assignment, continued

June 23, 1972

Transfers and
Changes in
Assignment
Michael J.
Harrison

44. Dual assignment of Michael J. Harrison, Professor, to Physics and Lyman Briggs College, effective September 1, 1972 through August 31, 1973.

Paul M. Parker

45. Dual assignment of Paul M. Parker, Professor, to Physics and Lyman Briggs College, effective September 1, 1972 through August 31, 1973.

Richard
Schlegel

46. Dual assignment of Richard Schlegel, Professor, to Physics and Lyman Briggs College, effective September 1, 1972 through April 30, 1973.

Marvin L.
Tomber

47. Dual assignment of Marvin L. Tomber, Professor, to Mathematics and Lyman Briggs College, effective September 1, 1972 through August 31, 1973.

James Wagman

48. Dual assignment of James Wagman, Associate Professor, to the Department of Social Science and Lyman Briggs College, effective September 1, 1972 through August 31, 1973.

Gabor Kemeny

49. Transfer Gabor Kemeny, Associate Professor, from Metallurgy, Mechanics, and Materials Science to the Department of Biophysics, effective September 1, 1972.

Glen Anderson

50. Change dates of sabbatical leave for Glen Anderson, Associate Professor, Mathematics, from September 1, 1972 through August 31, 1973, to January 1, 1973 through June 30, 1973.

Delbert E.
Schoenhard

51. Designation of Delbert E. Schoenhard, Professor, as Associate Chairman of Microbiology and Public Health, effective July 1, 1972.

William D.
Collings

52. Designation of William Doyne Collings, Professor, as Associate Chairman of Physiology, effective July 1, 1972.

Seiichiro
Fujimoto

53. Change beginning date of appointment of Seiichiro Fujimoto as Research Associate in Physiology from March 16, 1972 to May 1, 1972.

John A. King

54. Change John A. King, Professor, Zoology, from a 12-month basis, at a salary of \$24,150 per year to a 10-month basis at a salary of \$19,320 per year, effective September 1, 1972.

Evelyn M.
Rivera

55. Change Evelyn M. Rivera, Professor, Zoology, from a 12-month basis at a salary of \$19,000 per year to a 10-month basis, at a salary of \$15,200 per year, effective September 1, 1972.

Donald J. Hall

56. Change Donald J. Hall, Professor, Kellogg Biological Station and Zoology, from a 12-month basis at a salary of \$18,500 per year to a 10-month basis at a salary of \$14,800 per year, effective September 1, 1972.

Barbara Given

57. Change Barbara Given from Assistant Professor, Nursing, 100% time at a salary of \$12,100 per year on a 10-month basis, to Instructor, Nursing, 25% time at a salary of \$3,025 per year on a 10-month basis, effective October 1, 1972 through August 31, 1973.

Anton Lang

58. Change Anton Lang, Professor and Director, MSU/AEC Plant Research Laboratory, from 100% time at a salary of \$33,800 per year to 50% time at a salary of \$16,900 per year on a 12-month basis, effective July 1, 1972 through December 31, 1972.

Theodore W.
Forbes

59. Payment of \$21,150 for the period September 1, 1972 through August 31, 1973, plus retirement, to Theodore W. Forbes, Research Professor Emeritus, Department of Psychology.

Charles Hoffer

60. For Charles Hoffer, Professor Emeritus, Sociology:
a. payment of \$1,200 for the period June 21, 1972 through July 26, 1972, plus retirement;
b. payment of \$5,275 for the period September 1, 1972 through June 30, 1973, plus retirement.

Jacqueline
Brophy

61. Designation of Jacqueline Brophy, Associate Professor, as Acting Associate Director of Labor and Industrial Relations with an increase in salary to \$17,300 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.

Robert H.
Scott

62. Change Robert H. Scott, Department of Criminal Justice, from Lecturer at no salary to Professor at a salary of \$5,000 for the period January 1, 1973 through June 30, 1973. 50% time.

Ethelbert
Thomas

63. Additional assignment as Assistant Dean for Continuing Education, College of Social Science and Continuing Education, effective September 1, 1972 through December 31, 1972 for Ethelbert Thomas, Professor, Social Work.

Stanley D.
Brunn

64. Dual assignment of Stanley D. Brunn, Associate Professor, to Geography and the Computer Institute for Social Science Research, effective September 1, 1972 through August 31, 1973.

Bruce Bueno
DeMesquita

65. Dual assignment of Bruce Bueno DeMesquita, Assistant Professor, to Political Science and the Computer Institute for Social Science Research, effective January 1, 1973 through April 30, 1973.

Ellen
Mickiewicz

66. Dual assignment of Ellen Mickiewicz, Associate Professor, to Political Science and the Computer Institute for Social Science Research, effective January 1, 1973 through August 31, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Transfers and Changes in Assignment, continuedTransfers and
Changes in
Assignment

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| 67. Dual assignment of Thomas L. Conner, Associate Professor, to Sociology and the Computer Institute for Social Science Research, effective September 1, 1972 through April 30, 1973. | Thomas L. Conner |
| 68. Dual assignment of Tom W. Carroll, Assistant Professor, to the Computer Institute for Social Science Research and Agricultural Economics, effective March 1, 1970. | Tom W. Carroll |
| 69. Dual assignment of James I. McClintock, Associate Professor, to Lyman Briggs College and American Thought and Language, effective March 1, 1973 through June 30, 1973. | James I. McClintock |
| 70. Change Nelson P. Edmondson, Associate Professor, from Humanities and Justin Morrill College to Humanities only, effective July 1, 1972. | Nelson P. Edmondson |
| 71. Change Edward D. Graham, Associate Professor, from Humanities and Justin Morrill College to Humanities only, effective July 1, 1972. | Edward D. Graham |
| 72. Change J. Wilson Myers, Associate Professor, from Humanities and Justin Morrill College to Humanities only, effective July 1, 1972. | J. Wilson Myers |
| 73. Change Fauzi M. Najjar, Professor, from Department of Social Science and Justin Morrill College to Department of Social Science only, effective July 1, 1972. | Fauzi M. Najjar |
| 74. Transfer Roy H. McFall, Assistant Professor, from Department of Natural Science to University College Student Affairs Office, effective July 1, 1972. | Roy H. McFall |
| 75. Change beginning date of leave of absence for Ena C. H. Ho, Librarian, Libraries, from March 4, 1972 to May 15, 1972. | Ena C.H. Ho |
| 76. Salary of \$14,700 per year, effective July 1, 1972 through March 31, 1973, plus retirement, for G. Robert Vincent, Assistant to Director (Retired), Libraries. | G. Robert Vincent |
| 77. Additional assignment for Betty L. Giuliani, Associate Professor, Institutional Research, as Director of Operations, Research and Analytical Studies for Continuing Education Service, effective July 1, 1972. | Betty L. Giuliani |
| 78. Payment of \$6,800 for the period July 1, 1972 through June 30, 1973, plus retirement, to Stuart B. Mead, Professor Emeritus, Institute for Community Improvement. | Stuart B. Mead |
| 79. Designation of Clayton H. Wells, Associate Professor, as Director, Office of Conferences and Institutes, Continuing Education Service, effective July 1, 1972. | Clayton H. Wells |
| 80. Additional assignment as Coordinator of Instructional Development and Media, College of Osteopathic Medicine, effective September 1, 1972, for Bruce L. Miles, Specialist, Instructional Media Center. | Bruce L. Miles |
| 81. Additional assignment to the College of Osteopathic Medicine for Kent L. Gustafson, Associate Professor, Instructional Media Center and Secondary Education and Curriculum, effective July 1, 1972. | Kent L. Gustafson |
| 82. Change Thomas M. Freeman from Associate Professor and Assistant Director to Associate Professor and Associate Director, Institutional Research, effective July 1, 1972. | Thomas M. Freeman |
| 83. Change R. Judson Carlberg from Assistant Professor, Lyman Briggs College, to Assistant Professor and Presidential Fellow, President's Office, effective September 16, 1972 through June 15, 1973. | R. Judson Carlberg |
| 84. Dual assignment of Timothy Hennessey, Associate Professor, to Political Science and International Studies and Programs, effective September 1, 1972 through August 31, 1973. | Timothy Hennessey |
| 85. Change in title for Milton E. Muelder from Professor and Dean, Advanced Graduate Studies, Vice President for Research Development, and Acting Vice President for Student Affairs, to Professor and Dean, Advanced Graduate Studies, and Vice President for Research Development, effective June 1, 1972. | Milton E. Muelder |
| 86. Additional assignment to Advanced Graduate Studies, effective July 1, 1972 through June 30, 1974, for Herman E. Koenig, Professor and Chairman, Electrical Engineering and Systems Science and Professor, Division of Engineering Research. | Herman E. Koenig |
| 87. Additional assignment as Lecturer, James Madison College, effective October 1, 1972 through December 31, 1972 for Robert Perrin, Vice President for University Relations. | Robert Perrin |
| 88. Assignment of John N. Ferris, Professor, Agricultural Economics, to Overseas-Korea at an overseas salary of \$25,200 per year on a 12-month basis, effective June 1, 1972 through August 31, 1972. | John N. Ferris |
| 89. Assignment of William J. Haley, Assistant Professor, Agricultural Economics, to Overseas-Korea at an overseas salary of \$18,600 per year on a 12-month basis, effective June 1, 1972 through August 31, 1972. | William J. Haley |

A. PERSONNEL CHANGES, continued

June 23, 1972

Transfers and
Changes in
AssignmentLawrence W.
Libby

Harold Riley

George E.
RossmillerVernon L.
SorensonAlvin J. M.
SmuckerBen A.
Bohnhorst

Kenneth L. Neff

Jack W.
Peterson

Charles Seeley

Judith Balesky

Albert Chapman

Gary Posner

LaMott F.
Bates

Howard McEntee

Gerald F.
O'ConnorGeorge
TsiminakiByron
Swerdfeger

John C. Niles

Amos C.
Johnson

Transfers and Changes in Assignment, continued

90. Assignment of Lawrence W. Libby, Assistant Professor, Agricultural Economics, to Overseas-Korea at an overseas salary of \$19,200 per year on a 12-month basis, effective June 1, 1972 through August 31, 1972.
91. Assignment of Harold Riley, Professor, Agricultural Economics, to Overseas-Colombia, Costa Rica, at an overseas salary of \$26,400 per year on a 12-month basis, effective July 1, 1972 through September 30, 1972.
92. Assignment of George E. Rossmiller, Assistant Professor, Agricultural Economics, to Overseas-Korea at an overseas salary of \$20,800 per year on a 12-month basis, effective June 1, 1972 through August 31, 1972.
93. Assignment of Vernon L. Sorenson, Professor, Agricultural Economics, to Overseas-Switzerland, effective April 10, 1972 through May 11, 1972.
94. Assignment of Alvin J. M. Smucker, Assistant Professor, Crop and Soil Sciences, to MSU/AID Castelar, Argentina Project at an overseas salary of \$15,950 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
95. Assignment of Ben A. Bohnhorst, Professor, Secondary Education and Curriculum, and Institute for International Studies in Education, as Professor and Chief of Party, Turkey Project at an overseas salary of \$29,300 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
96. Assignment of Kenneth L. Neff, Professor, Institute for International Studies in Education, to the Turkey Project at an overseas salary of \$23,200 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
97. Change Jack W. Peterson from Computer Engineer X to Logic Design Engineer AP-IV, Computer Laboratory, with an increase in salary to \$11,000 per year on a 12-month basis, effective June 1, 1972.
98. Change Charles Seeley from Associate Director AP-VIII, Admissions and Scholarships, to Director AP-IX, Admissions, with an increase in salary to \$19,500 per year on a 12-month basis, effective June 1, 1972.
99. Transfer Judith Balesky from Office Assistant IX, Vice President for Business and Finance, to Administrative Secretary AP-I, Vice President for University Development, with an increase in salary to \$10,317 per year on a 12-month basis, effective May 1, 1972.
100. Transfer Albert Chapman from Assistant Director Staff Benefits AP-IV, Comptroller's Office, to Assistant Director, Staff Benefits AP-V, Employee Compensation and Benefits, Executive Vice President and Secretary, with an increase in salary to \$13,850 per year on a 12-month basis, effective July 1, 1972.
101. Transfer Gary Posner from Director, Staff Benefits AP-VIII, Comptroller's Office, to Director, Employee Compensation and Benefits AP-IX, Executive Vice President and Secretary, with an increase in salary to \$18,540 per year on a 12-month basis, effective July 1, 1972.
102. Change LaMott F. Bates from Assistant Director of Personnel AP-VII, Personnel Office, to Associate Director of Personnel AP-VIII, Personnel Office, with an increase in salary to \$15,400 per year on a 12-month basis, effective July 1, 1972.
103. Change Howard McEntee from Employment Specialist AP-III, Personnel Office, to Senior Employment Specialist AP-IV, Personnel Office, with an increase in salary to \$11,730 per year on a 12-month basis, effective July 1, 1972.
104. Change Gerald F. O'Connor from Associate Director of Personnel AP-IX, Personnel Office, to Director of Personnel AP-IX, Personnel Office, with an increase in salary to \$20,540 per year on a 12-month basis, effective July 1, 1972.
105. Change George Tsiminaki, from Employment Specialist AP-III, Personnel Office, to Senior Employment Specialist AP-IV, Personnel Office, with an increase in salary to \$11,360 per year on a 12-month basis, effective July 1, 1972.
106. Transfer Byron Swerdfeger from Principal Food Service Manager AP-III, Holmes Hall Cafe. to Principal Food Service Manager AP-III, Owen Graduate Center, with an increase in salary to \$11,200 per year on a 12-month basis, effective June 1, 1972.
107. Transfer John C. Niles from Systems and Procedures Analyst AP-IV, Systems and Procedures Division, Comptroller's Office, to Accountant AP-IV, Bookkeeping Division, Comptroller's Office, with an increase in salary to \$13,910 per year on a 12-month basis, effective June 1, 1972.
108. Change classification for Amos C. Johnson, Assistant Director, Financial Aids, from AP-III to AP-V, with an increase in salary to \$11,530 per year on a 12-month basis, effective June 1, 1972.

A. PERSONNEL CHANGES, continued

June 23, 1972

Transfers and Changes in Assignment, continued

109. Change William D. Kenney, Associate Director, Financial Aids, from AP-VI to AP-VII with an increase in salary to \$16,000 per year on a 12-month basis, effective April 1, 1972.
110. Change Ronald L. Roderick, Associate Director, Financial Aids, from AP-VI to AP-VII with an increase in salary to \$16,000 per year on a 12-month basis, effective April 1, 1972.
111. Change Thomas A. Scarlett, Assistant Director, Financial Aids, from AP-II to AP-V with an increase in salary to \$12,500 per year on a 12-month basis, effective April 1, 1972.
112. Change William C. Wagner, Assistant Director, Financial Aids, from AP-III to AP-V with an increase in salary to \$12,500 per year on a 12-month basis, effective April 1, 1972.
113. Transfer William R. Betts from Assistant News Editor AP-III, Information Services, to News Editor AP-V, Radio Broadcasting, with an increase in salary to \$12,000 per year on a 12-month basis, effective May 22, 1972.
114. Transfer Francoise G. Murray from Senior Editor, Labor and Industrial Relations at \$4.60 per hour to Assistant News Editor AP-III, Information Services, at a salary of \$10,500 per year on a 12-month basis, effective June 1, 1972.
115. Change in title for James Peters from Assistant Director to Director AP-VIII, Space Utilization, with an increase in salary to \$16,730 per year on a 12-month basis, effective June 1, 1972.

Transfers and
Changes in
AssignmentWilliam D.
KenneyRonald L.
RoderickThomas A.
ScarlettWilliam C.
WagnerWilliam R.
BettsFrancoise G.
Murray

James Peters

Promotions

Promotions

1. Change in title from Instructor to Assistant Professor, Romance Languages, for Ellis Dean Detrich, effective July 1, 1972.
2. Change in title from Associate Professor to Professor, for Robert F. Banks, Dean of James Madison College, effective July 1, 1972.
3. Change in title from Assistant Professor to Associate Professor, Family Medicine, for Nicholas J. Fiel, effective July 1, 1972.
4. Change in title from Instructor to Assistant Professor, Labor and Industrial Relations, for Benjamin W. Wolkinson with an increase in salary to \$12,500 per year on a 10-month basis, effective April 1, 1972.
5. Change in title from Instructor to Assistant Professor, American Thought and Language, for Jenifer S. Banks, effective June 1, 1972.

Salary Changes

1. Increase in overseas salary to \$20,800 per year on a 12-month basis, effective June 1, 1972 through August 31, 1972 for G. E. Rossmiller, Assistant Professor, Agricultural Economics assigned to Overseas-Korea.
2. Change in salary for Felix Winkenbach, Research Associate, MSU/AEC Plant Research Laboratory, to \$4,500 per year on a 12-month basis (balance to come from Sweden), effective May 1, 1972 through April 30, 1973.
3. Increase in salary for Harriet A. Dhanak, Instructor, Political Science, to \$3,400 for the period September 16, 1971 through June 30, 1972.
4. Increase in salary for Paul Witkowski, Producer-Director AP-III, Instructional Media Center/ Instructional TV, to \$11,640 per year on a 12-month basis, effective July 1, 1971.

Salary Changes

Appointments

1. Gail L. Imig, Program Leader, Family Living Education, 50% time, at a salary of \$6,760 per year on a 12-month basis, effective July 1, 1972.
2. Joseph Richard Shaltry, Extension Agricultural Agent, Sanilac County, at a salary of \$13,500 per year on a 12-month basis, effective July 24, 1972.
3. Michael Jerome Tate, Extension 4-H Youth Agent, At Large, at a salary of \$9,000 per year on a 12-month basis, effective July 1, 1972.
4. Forrest J. Gibson, Specialist, Agricultural Economics, at a salary of \$10,662 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
5. Earl Duane Kellogg, Specialist, Agricultural Economics, at a salary of \$1,455.83 for the period May 26, 1972 through June 25, 1972.

Appointments

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

6. John Benham Gerrish, Instructor, Agricultural Engineering, at a salary of \$12,000 per year on a 12-month basis, effective July 1, 1972 through July 31, 1972.
7. John Benham Gerrish, Assistant Professor, Agricultural Engineering, at a salary of \$14,500 per year on a 12-month basis, effective August 1, 1972.
8. Theodore Lee Loudon, Instructor, Agricultural Engineering, 50% time, at a salary of \$5,000 per year on a 12-month basis, effective July 1, 1972 through October 31, 1972.
9. Theodore Lee Loudon, Assistant Professor, Agricultural Engineering, at a salary of \$14,500 per year on a 12-month basis, effective November 1, 1972.
10. Richard J. Patterson, Instructor, Agricultural Engineering, at a salary of \$12,300 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
11. William W. Farrar, Postdoctoral Fellow, Biochemistry, without pay (paid by NIH) on a 12-month basis, effective April 15, 1972 through March 31, 1973.
12. Dominador C. Adriano, Assistant Professor, Crop and Soil Sciences, and Electrical Engineering and Systems Science, at a salary of \$14,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
13. Victoria Marcarian, Research Associate, Crop and Soil Sciences, and Food Science and Human Nutrition, at a salary of \$9,000 per year on a 12-month basis, effective May 1, 1972 through October 31, 1972.
14. Delbert L. Mokma, Research Associate, Crop and Soil Sciences, at a salary of \$12,500 per year on a 12-month basis, effective July 1, 1972 through December 31, 1972.
15. Lawrence J. Novak, Assistant Professor, Crop and Soil Sciences, and Electrical Engineering and Systems Science, at a salary of \$15,500 per year on a 12-month basis, effective September 1, 1972.
16. Darryl Dean Warncke, Specialist, Crop and Soil Sciences, at a salary of \$14,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
17. Russel W. Erickson, Assistant Professor, Dairy Science, at a salary of \$12,000 per year (plus house at dairy farm) on a 12-month basis, effective September 15, 1972.
18. Kirpal Sidhu, Research Associate, Dairy Science, at a salary of \$7,500 per year on a 12-month basis, effective June 1, 1972 through June 30, 1972.
19. Richard Allen Cole, Research Associate, Fisheries and Wildlife, and Institute of Water Research, at a salary of \$13,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
20. David I. Johnson, Instructor, Fisheries and Wildlife, at a salary of \$400 for the period June 16, 1972 through June 30, 1972. (12-month basis)
21. David I. Johnson, Instructor, Fisheries and Wildlife, at a salary of \$2,600 for the period July 1, 1972 through September 30, 1972. (12-month basis)
22. Pat Dwayne Taylor, Instructor, Park and Recreation Resources, at a salary of \$14,500 per year on a 12-month basis, effective August 1, 1972.
23. Donna Sweeny, Extension Specialist, Resource Development, at a salary of \$13,900 per year on a 12-month basis, effective June 1, 1972.
24. Istvan Gyeszli, Instructor, Packaging, 75% time, at a salary of \$7,200 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
25. Douglas H. Novakoski, Instructor, Packaging, 25% time, at a salary of \$200 per month on a 12-month basis, effective September 1, 1972 through June 30, 1973.
26. Arnold Lee Mokma, Instructor, Agriculture and Natural Resources Education Institute, 75% time, at a salary of \$10,350 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
27. Janice Dutcher Simpson, Curator, Art, at a salary of \$8,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
28. Marilyn M. Jansma, Instructor, English, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
29. Melvin Troy Peters, Instructor, English, at a salary of \$9,400 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

30. Wu Yi So, Instructor, English, and the English Language Center, at a salary of \$9,600 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
31. Sharon Lynn Spencer, Instructor, English, and the English Language Center, at a salary of \$9,400 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
32. Katherine R. Sprandel, Instructor, English, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
33. Alistair J. Stead, Visiting Associate Professor, English, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
34. Marcellette G. Williams, Instructor, English, and the English Language Center, at a salary of \$9,400 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
35. Rose L. Hayden, Instructor, Romance Languages, at a salary of \$11,700 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
36. Jacques M. Laroche, Instructor, Romance Languages, at a salary of \$10,900 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
37. Duncan C. Bryan, Instructor, Accounting and Financial Administration, at a salary of \$3,600 for the period September 1, 1972 through December 31, 1972.
38. Daniel W. Collins, Assistant Professor, Accounting and Financial Administration, at a salary of \$14,500 per year on a 10-month basis, effective September 1, 1972.
39. Steven C. Dilley, Assistant Professor, Accounting and Financial Administration, at a salary of \$14,200 per year on a 10-month basis, effective September 1, 1972.
40. Paul A. Janell, Instructor, Accounting and Financial Administration, at a salary of \$10,800 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
41. John David Marquardt, Instructor, Accounting and Financial Administration, at a salary of \$7,200 for the period January 1, 1973 through June 30, 1973.
42. F. Dennison Shaw, Jr., Assistant Professor, Accounting and Financial Administration, at a salary of \$14,300 per year on a 10-month basis, effective September 1, 1972.
43. Roger Acheatel, Assistant Professor, Business Law and Office Administration, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1972.
44. Marian Cathryn Shaffer, Instructor, Business Law and Office Administration, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
45. Ramon John Aldag, Instructor, Management, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
46. Walter Clay Hamner, Assistant Professor, Management, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1972.
47. Donald A. Bell, Instructor, Hotel, Restaurant and Institutional Management, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
48. Gregory C. Crown, Instructor, Hotel, Restaurant, and Institutional Management, 50% time, at a salary of \$1,050 for the period September 1, 1972 through December 31, 1972.
49. Dante M. Laudadio, Instructor, Hotel, Restaurant, and Institutional Management, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
50. Lewis J. Minor, Visiting Professor, Hotel, Restaurant, and Institutional Management, at a salary of \$10,500 for the period January 1, 1973 through June 30, 1973.
51. Ronald H. Ballou, Visiting Associate Professor, Marketing and Transportation Administration, at a salary of \$19,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
52. Jack Benny Gladden, Instructor, Journalism, 75% time, at a salary of \$7,500 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
53. Richard Paul Brandt, Assistant Professor, Dean of Education, at a salary of \$13,125 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

54. James R. Engelkes, Assistant Professor, Counseling, Personnel Services, and Educational Psychology, at a salary of \$15,000 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
55. Richard G. Johnson, Associate Professor, Counseling, Personnel Services, and Educational Psychology, at a salary of \$16,500 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
56. Paul Kacanek, Instructor, Elementary and Special Education, 50% time, at a salary of \$6,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
57. Joyce Gladys Putnam, Instructor, Elementary and Special Education, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
58. Laura R. Roehler, Assistant Professor, Elementary and Special Education, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
59. Ralph Knight Ryder, Assistant Professor, Elementary and Special Education, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1972.
60. Bonnie Schulwitz, Instructor, Elementary and Special Education, 50% time, at a salary of \$4,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
61. Westbrook A. Walker, Instructor, Elementary and Special Education 50% time, at a salary of \$4,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
62. Lorne Harold Olson, Assistant Professor, Health, Physical Education and Recreation, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1972.
63. Walter Shawver Brown, Instructor, Teacher Education, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
64. John Edward Lopis, Assistant Professor, Teacher Education, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
65. Peggy L. Miller, Associate Professor, Teacher Education, at a salary of \$15,500 per year on a 10-month basis, effective September 1, 1972.
66. Ernest L. Adams, Assistant Professor, Mott Institute for Community Improvement, 67% time, at a salary of \$3,000 for the period June 1, 1972 through August 31, 1972.
67. David H. Dean, Assistant Professor and Assistant Director, Mott Institute for Community Improvement, and Assistant Professor, School for Advanced Studies in Education, at a salary of \$14,500 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
68. William S. Abbett, Instructor and Assistant to the Dean, Dean of Engineering, at a salary of \$9,400 per year on a 12-month basis, effective July 1, 1972 through June 30, 1972.
69. Alan G. Hoffman, Instructor and Assistant to the Dean, Dean of Engineering, at a salary of \$9,750 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
70. R. Dale Lefever, Instructor and Assistant to the Dean, Dean of Engineering, at a salary of \$9,250 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
71. Leslie Leonard Leone, Instructor and Assistant to the Dean, Dean of Engineering, at a salary of \$8,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
72. Donald L. Schweingruber, Instructor and Assistant to the Dean, Dean of Engineering, at a salary of \$13,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
73. Robert Boling, Research Associate, Engineering Research, at a salary of \$1,000 per month on a 12-month basis, effective July 1, 1972 through June 30, 1973.
74. Peter C. Fraleigh, Research Associate, Engineering Research, at a salary of \$791.66 per month on a 12-month basis, effective July 1, 1972 through June 30, 1973.
75. Kwang Yun Lee, Research Associate, Engineering Research, at a salary of \$791.66 per month on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

76. Akira Otsuki, Research Associate, Engineering Research, and Kellogg Biological Station, at a salary of \$791.66 per month, effective July 1, 1972 through August 31, 1972.
77. Keller Suberkropp, Research Associate, Engineering Research, and Kellogg Biological Station, at a salary of \$833.33 per month on a 12-month basis, effective July 1, 1972 through August 31, 1972.
78. Ramamohan L. Tummala, Research Associate, Engineering Research, at a salary of \$833.33 per month on a 12-month basis, effective July 1, 1972 through August 31, 1972.
79. Earle Werner, Research Associate, Engineering Research, at a salary of \$833.33 per month on a 12-month basis, effective July 1, 1972 through August 15, 1972.
80. Erik D. Goodman, Assistant Professor, Electrical Engineering and Systems Science, and Engineering Research, at a salary of \$13,200 per year on a 10-month basis, effective September 1, 1972.
81. Hee Chung Park, Research Associate, Electrical Engineering and Systems Science, at a salary of \$10,000 per year on a 12-month basis, effective April 1, 1972 through June 30, 1972.
82. Robert A. Schlueter, Assistant Professor, Electrical Engineering and Systems Science, and Engineering Research, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
83. Jagannath Mazumdar, Visiting Professor, Metallurgy, Mechanics, and Materials Science, at a salary of \$3,500 for the period July 1, 1972 through December 31, 1972.
84. Robert F. Bedoll, Specialist, Computer Laboratory, at a salary of \$10,700 per year on a 12-month basis, effective July 1, 1972.
85. Robert A. Bullock, Instructor, Engineering Instructional Services, 50% time, at a salary of \$5,350 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
86. Barbara L. Amundsen, Instructor, Dean of Human Ecology, and Human Environment and Design, at a salary of \$13,250 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
87. Jean Robinson Page, Instructor, Family Ecology, and Assistant to the Dean, Dean of Human Ecology, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
88. Thelma Dunn Hansen, Instructor, Family and Child Sciences, and Family Ecology, 75% time, at a salary of \$9,850 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
89. Judith L. Kuipers, Associate Professor, Family and Child Sciences, and Acting Director, Institute of Family and Child Study, Dean of Human Ecology, at a salary of \$15,000 for the period September 1, 1972 through June 30, 1973.
90. Eleanor S. Morrison, Instructor, Family and Child Sciences, 50% time, at a salary of \$5,500 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
91. Nancy Wigsten Axinn, Instructor, Family Ecology, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
92. Thomas E. Young, Instructor, Human Environment and Design, at a salary of \$9,000 for the period September 1, 1972 through June 30, 1973.
93. Jacqueline A. Wood, Instructor, Institute for Family and Child Study, at a salary of \$10,500 per year on a 12-month basis, effective June 16, 1972 through June 15, 1973.
94. Harry E. Andrews, Instructor, Dean of Human Medicine, at a salary of \$13,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
95. Elba Molina Pung, Assistant Professor, Dean of Human Medicine, 50% time, at a salary of \$10,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
96. Tom Tryon, Instructor, Dean of Human Medicine, at a salary of \$12,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
97. Patricia A. Patterson, Research Associate, Anatomy, at a salary of \$11,550 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
98. Ray K. Hammond, Research Associate, Biochemistry, at a salary of \$8,500 per year on a 12-month basis, effective May 1, 1972 through May 31, 1972.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

99. M. Khurshid Alam Khan, Research Associate, Biochemistry, at a salary of \$7,500 per year on a 12-month basis, effective September 1, 1972 through September 30, 1972.
100. Roger A. Laine, Research Associate, Biochemistry, at a salary of \$8,500 per year on a 12-month basis, effective May 1, 1972 through May 31, 1972.
101. Frederick Jean Hambly, Instructor, Human Development, without pay, variable time, effective July 1, 1972 through June 30, 1973.
102. James W. Ledrick, Instructor, Human Development, variable time, without pay, effective July 1, 1972 through December 31, 1972.
103. Kanwal Mohan, Instructor, Human Development, variable time on a 12-month basis, without pay, effective July 1, 1972 through June 30, 1973.
104. Saroj Kapur, Assistant Professor, Human Development, 25% time, at a salary of \$5,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
105. Theodore R. Thompson, Instructor, Human Development, 25% time, on a 12-month basis, without pay, effective July 1, 1972 through June 30, 1973.
106. Nancy E. Furstenberg, Associate Professor, Medicine, variable time on a 12-month basis, without pay, effective July 1, 1972 through June 30, 1973.
107. Richard P. Granse, Instructor, Medicine, variable time on a 12-month basis, without pay, effective July 1, 1972 through June 30, 1973.
108. Paul I. Hollister, Instructor, Medicine, at a salary of \$14,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
109. John F. Dunkel, Associate Professor, Pathology, at a salary of \$30,000 per year on a 12-month basis, effective July 1, 1972.
110. Chart Pichyangkura, Instructor, Pathology, at a salary of \$17,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
111. Lynne C. Appleford, Instructor, Pharmacology, at a salary of \$10,000 per year on a 12-month basis, effective August 1, 1972 through September 30, 1972.
112. Steven I. Baskin, Research Associate, Pharmacology, at a salary of \$8,000 per year on a 12-month basis, effective July 1, 1972 through October 31, 1972.
113. George John Grega, Assistant Professor, Physiology, at a salary of \$14,500 per year on a 12-month basis, effective July 1, 1972.
114. Mark W. Hinshaw, Assistant Professor, Psychiatry, at a salary of \$30,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
115. Paa-Bekoe Welbeck, Assistant Professor, Psychiatry, at a salary of \$14,770 per year on a 12-month basis, effective July 1, 1972 through December 31, 1972.
116. Rose Toby Zacks, Associate Professor, Psychology, 50% time, at a salary of \$7,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
117. William P. Drescher, Assistant Professor, Health Services Education and Research, at a salary of \$20,000 per year on a 12-month basis, effective July 1, 1972.
118. Charles W. Given, Assistant Professor, Health Services Education and Research, at a salary of \$13,590 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
119. James G. Lyon, Assistant Professor, Health Services Education and Research, and Associate Director, Regional Medical Programs, at a salary of \$18,190 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
120. Gurdial S. Uppal, Assistant Professor, Health Services Education and Research, variable time, without pay, effective July 1, 1972 through June 30, 1973.
121. Nova M. Green, Instructor, Medical Education Research and Development, and Health Services Education and Research, at a salary of \$9,000 per year on a 12-month basis, effective July 1, 1972 through December 31, 1972.
122. Pamela Jarvis, Instructor, Medical Technology, at a salary of \$7,000 per year on a 12-month basis, effective July 1, 1972 through September 30, 1972.
123. William Bow, Associate Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
124. Howard C. Comstock, Associate Clinical Professor, Human Development, without pay, on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

its

125. Robert M. Heavenrich, Associate Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
126. Gerald R. Rice, Associate Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
127. Herbert Rubinstein, Associate Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
128. Donald W. Thaden, Associate Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
129. Fred H. Baughman, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
130. Charles W. Cory, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
131. Harold E. Crow, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
132. Alfred Ellison, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
133. Jerry J. Evans, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
134. Samuel S. Jacob, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
135. Rudolph M. Jarvi, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
136. Thomas Kirk, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
137. Donald E. Knickerbocker, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
138. Robert E. Landick, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
139. Vivian M. Lewis, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
140. William G. Mason, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
141. Donald McCorvie, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
142. William W. Nicholls, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
143. Carlos Philippon, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
144. Eugene Rank, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
145. Daniel Reardon, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
146. Ivan J. Roggen, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
147. Hugo R. Saenz, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
148. Irving E. Silverman, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
149. Timothy A. Smith, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
150. Benjamin Stone, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
151. Robert H. Trimby, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

152. Arthur L. Tuuri, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
153. Charles K. Wortley, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
154. Gerald A. Zick, Assistant Clinical Professor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
155. Donald J. Aiken, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
156. Wayne B. Bingham, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
157. Richard Brown, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
158. Keith Curtis, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
159. W. C. Fletke, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
160. S. P. Fortino, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
161. Royal E. Hames, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
162. John C. Hoyt, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
163. Robert S. Johnson, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
164. Philip F. Lange, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
165. Robert Leaser, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
166. Mary L. Mayer, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
167. Robert A. Perry, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
168. Lewis F. Sandel, Clinical Instructor, Human Development, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
169. Walter M. Baird, Associate Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
170. Richard A. Calkins, Associate Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
171. William D. Cheney, Associate Clinical Professor, Medicine, and Small Animal Surgery and Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
172. Bernard Smookler, Associate Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
173. Robert L. Tupper, Associate Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
174. R. Roderic Abbott, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
175. R. C. Bates, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
176. Rolland E. Bethards, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
177. Arthur E. Budden, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
178. R. S. Derifield, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

179. F. Mansel Dunn, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
180. Calvin J. Dykman, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
181. Gordon R. Harrod, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
182. Donald H. Huldin, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
183. Elizabeth A. Hutchinson, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
184. Martin F. Jones, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
185. David Kahn, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
186. James C. Kloepfer, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
187. Paul Larkey, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
188. Mark Levine, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
189. Paul C. Linnell, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
190. Charles O. Long, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
191. Maria T. Mandelstamm, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
192. Richard A. Martens, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
193. Fedon Mavromatis, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
194. Donald R. McFarlane, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
195. Marvin J. McKenney, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
196. James C. Neering, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
197. Paul T. Niland, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
198. Robert L. Overholt, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
199. Thomas C. Payne, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
200. Ronald C. Peets, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
201. Stanley R. Robinson, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
202. James H. Saker, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
203. Arthur E. Schultz, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
204. George A. Sherman, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
205. J. Clyde Spencer, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

206. Paul Clifton Turner, Assistant Clinical Professor, Medicine, without pay, on a 12-month basis, effective July 1, 1972 through June 30, 1973.
207. James E. Waun, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
208. William J. Weber, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
209. Charles C. West, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
210. Karl Yoshonis, Assistant Clinical Professor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
211. Richard N. Bail, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
212. Robert F. Brantley, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
213. Ralph G. Carlson, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
214. Gaius D. Clark, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
215. Louis E. Harrington, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
216. Francis Horvath, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
217. Milo L. Johnson, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
218. Willard J. Miller, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
219. Eugene C. Nakfoor, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
220. John R. Neuman, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
221. John Wiegenstein, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
222. Stephen P. Wilensky, Clinical Instructor, Medicine, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
223. Gary F. Dardas, Assistant Clinical Professor, Microbiology and Public Health, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
224. Terry J. Dardas, Assistant Clinical Professor, Microbiology and Public Health, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
225. Joseph A. Caruso, Associate Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
226. Gordon D. Daugharty, Associate Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
227. Harry George, Associate Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
228. Harry J. Loughrin, Associate Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
229. Mahlon S. Sharp, Associate Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
230. Joseph L. Sheets, Associate Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
231. Donald J. Drolett, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

232. Richard S. Johnson, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
233. Joseph LeShock, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
234. Edward B. Leverich, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
235. Henry E. Malcolm, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
236. Lawrence Mannausa, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
237. William H. Plesscher, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
238. Donald R. Quigley, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
239. William J. Sinclair, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
240. F. W. Tamblyn, Assistant Clinical Professor, Obstetrics, Gynecology, and Reproductive Biology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
241. Leo W. Walker, Clinical Professor, Pathology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
242. Joseph R. Cipparone, Associate Clinical Professor, Pathology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
243. Wilfred E. Maldonado, Associate Clinical Professor, Pathology, and Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
244. Ralph E. Edminster, Assistant Clinical Professor, Pathology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
245. George C. Hardy, Assistant Clinical Professor, Pathology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
246. Henry A. Kallet, Assistant Clinical Professor, Pathology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
247. Stanley Katlein, Assistant Clinical Professor, Pathology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
248. Laurence R. Simson, Jr., Assistant Clinical Professor, Pathology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
249. Leslie Y. Ch'eng, Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
250. Ronald Chen, Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
251. James Baker, Associate Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
252. Irwin S. Finkelstein, Associate Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
253. Jose Llinas, Associate Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
254. Donald W. Martin, Associate Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
255. Norman Rosenzweig, Associate Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments.

Appointments, continued

256. M. Duane Sommersness, Associate Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
257. Melvin W. Thorner, Associate Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
258. Donald Boulware, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
259. Robert Braun, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
260. Lewis Brodsky, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
261. Rita Carbuhn, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
262. Paul A. Chapman, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
263. Louise V. Centers, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
264. Betty Curtis, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
265. Gilbert DeRath, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
266. Selwyn Fidelman, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
267. Rafael Frank, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
268. Shamsul M. Haque, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
269. Joan S. Hartzell, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
270. Myroslaw Hrushka, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
271. Byron Hosmer, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
272. George P. Inge, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
273. Tai K. Kang, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
274. Paul E. Kauffman, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
275. Clifford Keeler, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
276. Ernest O. Lis, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
277. Gustav M. Lo, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
278. Pedro Ojeda, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
279. Robert M. Patterson, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
280. Gordon L. Steinhauer, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
281. Ronald E. Trunsky, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
282. Arthur Wickersham, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

283. George Wright, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
284. Robert Zondervan, Assistant Clinical Professor, Psychiatry, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
285. Robert E. Allen, Jr., Associate Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
286. Richard L. Collier, Associate Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
287. Clayton Lewis, Associate Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
288. Charles L. Adams, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
289. Harry Allis, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
290. Robert C. Bassett, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
291. Thomas C. Blair, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
292. Robert G. Combs, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
293. Errikos Constant, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
294. Don G. Davis, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
295. Floyd G. Goodman, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
296. Virinder S. Grewal, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
297. Jesse F. Harrold, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
298. Mark W. Harrold, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
299. D. Bonta Hiscoe, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
300. Paul J. Jakubiak, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
301. Lanny L. Johnson, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
302. Raymond C. Kinzel, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
303. Jerome S. Kozak, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
304. William Meade, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
305. R. K. Meinke, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
306. Richard C. Melick, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
307. Larry J. Robson, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
308. Samuel Rutledge, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
309. Ian Sayani, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

310. Harry J. Schmidt, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
311. Hyman D. Shapiro, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
312. David Siegel, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
313. Justin L. Sleight, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
314. Keith Stackhouse, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
315. George D. Stilwill, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
316. Robert F. Thimmig, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
317. Ralph Worthington, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
318. John J. Wylie, Jr., Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
319. Luther H. Zick, Assistant Clinical Professor, Surgery, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
320. Robert B. Foy, Clinical Assistant Professor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
321. Alexander Curry, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
322. Geraldine A. Doezeema, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
323. Joanne K. Gahan, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
324. William W. Harris, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
325. Isabelle Havens, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
326. Sheralyn J. Johnson, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
327. Margaret E. Nelson, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
328. James A. Osburn, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
329. Catherine W. Patrick, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
330. Lorraine A. Renkowski, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
331. Bernice Rochon, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
332. Gladys Thomas, Clinical Instructor, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
333. Harold E. Bowman, Consultant, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
334. William R. Dito, Consultant, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
335. Edwin M. Hubbard, Consultant, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
336. Rosser L. Mainwaring, Consultant, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

337. Robert W. Schmidt, Consultant, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
338. William C. Swatek, Consultant, Medical Technology, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
339. Norman S. Hayner, Associate Clinical Professor, Health Services Education and Research, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
340. John L. Isbister, Associate Clinical Professor, Health Services, Education and Research, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
341. Irving A. Taylor, Assistant Clinical Professor, Health Services Education and Research, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
342. Dixie Platt, Specialist, James Madison College, at a salary of \$8,500 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
343. Keven S. Bridge, Instructor, Justin Morrill College, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
344. Charles H. Faulkner, Instructor, Justin Morrill College, at a salary of \$9,850 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
345. Eva C. Faulkner, Instructor, Justin Morrill College, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
346. Rosa M. Marti, Instructor, Justin Morrill College, at a salary of \$8,900 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
347. Katherine P. McCracken, Instructor, Justin Morrill College, 50% time, at a salary of \$4,400 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
348. Thomas Nowak, Instructor, Justin Morrill College, 50% time, at a salary of \$5,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
349. Thomas N. Tamandl, Instructor, Justin Morrill College, at a salary of \$9,300 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
350. Beverly Wiener, Instructor, Justin Morrill College, 50% time, at a salary of \$5,400 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
351. James M. Yousling, Instructor, Justin Morrill College, 50% time, at a salary of \$4,250 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
352. Anne O. Cauley, Instructor, Lyman Briggs College, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
353. Geoffrey W. Gates, Instructor, Lyman Briggs College, and Computer Science, at a salary of \$8,560 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
354. Dennis Grether, Instructor, Lyman Briggs College; Director of Student Relations, Dean of Students; Director, Holmes Hall, Residence Hall Programs and Dormitories and Food Services, at a salary of \$7,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
355. Harish Pant, Research Associate, Biophysics, at a salary of \$9,000 per year on a 12-month basis, effective June 1, 1972 through August 31, 1972.
356. Franklin F. Laemmlen, Assistant Professor, Botany and Plant Pathology, at a salary of \$15,000 per year on a 12-month basis, effective September 1, 1972.
357. Gene R. Safir, Assistant Professor, Botany and Plant Pathology, and Agricultural Experiment Station, at a salary of \$13,000 per year on a 12-month basis, effective July 1, 1972.
358. Sheau Loh Yang, Research Associate, Botany and Plant Pathology, at a salary of \$1,000 for the period May 1, 1972 through June 30, 1972.
359. Steven R. Brown, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective May 8, 1972 through November 7, 1972.
360. Douglas Buchanan, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective May 1, 1972 through September 15, 1972.
361. Robert I. Cukier, Assistant Professor, Chemistry, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1972.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

362. Peter T. Kissinger, Assistant Professor, Chemistry, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1972.
363. Roger Lloyd, Research Associate, Chemistry, at a salary of \$7,200 per year on a 12-month basis, effective May 1, 1972 through June 30, 1972.
364. Roger Lloyd, Research Associate, Chemistry, at a salary of \$7,200 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
365. Robert S. Rodgers, Assistant Professor, Chemistry, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
366. Sabar Sasson, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective May 1, 1972 through September 15, 1972.
367. Gerald Hooper, Research Associate, Entomology, at a salary of \$2,500 for the period June 1, 1972 through August 31, 1972.
368. Ramamohan L. Tummala, Assistant Professor, Electrical Engineering and Systems Science, and Entomology, at a salary of \$16,000 per year on a 12-month basis, effective September 1, 1972.
369. Robert S. Carmichael, Assistant Professor, Geology, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1972.
370. Peter W. Sloss, Visiting Assistant Professor, Geology, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
371. John T. Baldwin, Research Associate, Mathematics, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
372. Bang-Yen Chen, Associate Professor, Mathematics, at a salary of \$13,500 per year on a 10-month basis, effective September 1, 1972.
373. Linda J. Garbanati, Research Associate, Mathematics, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
374. Richard Miller, Assistant Professor, Mathematics, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
375. Koichi Ogiue, Visiting Assistant Professor (Research), Mathematics, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
376. Susan E. Schuur, Assistant Professor, Mathematics, 50% time, at a salary of \$6,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
377. Steven J. Takiff, Assistant Professor, Mathematics, at a salary of \$11,600 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
378. Joel Larry Weiner, Research Associate, Mathematics, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
379. Paul F. Kunz, Assistant Professor, Physics, at a salary of \$12,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
380. Maria Dworzecka, Research Associate, Physics, at a salary of \$908.34 per month on a 12-month basis, effective June 1, 1972 through August 31, 1972.
381. Donald J. Fox, Research Associate, Physics, at a salary of \$10,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
382. Jonas T. Holdeman, Research Associate, Physics, at a salary of \$1,200 for the period July 1, 1972 through July 31, 1972.
383. Stephen C. Hurlock, Research Associate, Physics, at a salary of \$10,000 per year on a 12-month basis, effective July 1, 1972 through August 31, 1973.
384. Maung T. Lin, Research Associate, Physics, at a salary of \$975 per month, effective May 1, 1972 through June 30, 1972.
385. S. D. Mahanti, Assistant Professor, Physics, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
386. Sven Maripuu, Visiting Associate Professor, Physics, at a salary of \$16,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
387. Craig H. Stephan, Research Associate, Physics, at a salary of \$10,600 per year on a 12-month basis, effective September 1, 1972 through October 31, 1972.
388. John Tracy, Research Associate, Physics, at a salary of \$10,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

389. Edward Yen, Research Associate, Physics, at a salary of \$10,000 per year on a 12-month basis, effective September 15, 1972 through August 31, 1973.
390. Roger A. Hinrichs, Research Associate, Physics-Cyclotron, at a salary of \$1,000 per month on a 12-month basis, effective July 1, 1972 through August 31, 1972.
391. Joy H. Curtis, Instructor, Nursing, 60% time, at a salary of \$600 for the period June 1, 1972 through June 30, 1972.
392. Joan Dean, Instructor, Nursing, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1972.
393. Kathleen Phillips, Instructor, Nursing, at a salary of \$10,000 per year on a 10-month basis, effective September 1, 1972.
394. Patricia A. Lane, Research Associate, Kellogg Biological Station, 15% time, at a salary of \$1,500 per year on a 12-month basis, effective May 1, 1972 through April 30, 1973.
395. Bruce A. Manny, Research Associate, Kellogg Biological Station, at a salary of \$10,000 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
396. Raj Bahadur, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of \$1,311 per month on a 12-month basis, effective June 1, 1972 through August 23, 1972.
397. Christian Holzapfel, Research Associate, MSU/AEC Plant Research Laboratory, without pay on a 12-month basis, effective July 1, 1972 through June 30, 1973.
398. Steven K. Lorch, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of \$9,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
399. Marilyn J. Giffin, Instructor, Dean of Osteopathic Medicine, at a salary of \$15,000 per year on a 12-month basis, effective July 1, 1972.
400. Suzanne Richards, Instructor, Dean of Osteopathic Medicine, at a salary of \$10,750 per year on a 12-month basis, effective July 1, 1972.
401. Ivory M. Brown, Clinical Instructor, Family and Community Medicine, 6% time, at a salary of \$300 for the period April 1, 1972 through June 30, 1972.
402. Wayne V. Dittrich, Clinical Instructor, Family and Community Medicine, 5% time, at a salary of \$100 per month on a 12-month basis, effective May 1, 1972 through June 30, 1972.
403. Ruth I. Howell, Clinical Instructor, Family and Community Medicine, 6% time, at a salary of \$300 for the period April 1, 1972 through June 30, 1972.
404. Samson A. Inwald, Clinical Instructor, Family and Community Medicine, 5% time, at a salary of \$100 per month on a 12-month basis, effective May 1, 1972 through June 30, 1972.
405. Patrick K. McClellan, Clinical Instructor, Family and Community Medicine, 5% time, at a salary of \$100 per month on a 12-month basis, effective May 1, 1972 through June 30, 1972.
406. Shirley M. Johnson, Assistant Professor, Family Medicine, at a salary of \$18,000 per year on a 12-month basis, effective September 1, 1972.
407. Robert P. Pittman, Assistant Professor, Physiology, at a salary of \$13,500 per year on a 12-month basis, effective July 1, 1972.
408. Linda Lou Holmes, Instructor and Assistant to the Director, Medical Technology, 50% time, at a salary of \$6,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
409. Paul D. Tschetter, Instructor and Assistant to the Dean, College of Social Science, at a salary of \$11,500 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
410. John T. Hinnant, Instructor, Anthropology, and the African Studies Center, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1972.
411. Charles Morrison, Associate Professor, Anthropology, at a salary of \$16,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
412. John C. Catau, Instructor, Geography, 50% time, at a salary of \$5,000 for the period September 16, 1972 through June 30, 1973.
413. Gerald L. Ingalls, Instructor, Geography, 50% time, at a salary of \$5,000 for the period September 16, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

414. William H. Baugh, Instructor, Political Science, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972.
415. Harriet A. Dhanak, Instructor, Political Science, 50% time, at a salary of \$3,400 for the period September 16, 1972 through June 30, 1973.
416. Kent J. Chabotar, Instructor, Political Science, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972.
417. Robert W. Jackman, Instructor, Political Science, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972.
418. Susan Lawther, Instructor, Political Science, at a salary of \$12,350 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
419. Anna Elizabeth Powell, Instructor, Political Science, at a salary of \$9,700 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
420. Richard J. Ball, Research Associate, Psychology, 20% time, at a salary of \$4,150 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
421. Robert J. Calsyn, Assistant Professor, Psychology, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
422. Marvin B. Eisen, Assistant Professor, Psychology, at a salary of \$11,500 per year on a 10-month basis, effective September 1, 1972.
423. Charles D. Johnson, Assistant Professor, Psychology, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1972.
424. Martha A. Karson, Assistant Professor, Psychology, 30% time, at a salary of \$4,815 for the period September 16, 1972 through June 30, 1973.
425. Gail L. Zellman, Assistant Professor, Psychology, at a salary of \$11,500 per year on a 10-month basis, effective September 1, 1972.
426. Mary Jackman, Instructor, Sociology, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972.
427. Kay A. Snyder, Instructor, Sociology, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972.
428. Christopher K. Vanderpool, Assistant Professor, Sociology, at a salary of \$13,300 per year on a 10-month basis, effective September 1, 1972.
429. Richard J. Hurd, Visiting Assistant Professor, Labor and Industrial Relations, at a salary of \$12,500 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
430. David G. Epstein, Instructor, Criminal Justice, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1972.
431. William G. Horn, Instructor, Criminal Justice, at a salary of \$9,500 per year on a 10-month basis, effective September 1, 1972.
432. Robert S. Forsythe, Instructor, Multidisciplinary Major Program, 50% time, at a salary of \$4,500 for the period September 1, 1972 through June 30, 1973.
433. George F. Bishop, Instructor, Multidisciplinary Major Program, 50% time, at a salary of \$5,000 for the period September 1, 1972 through June 30, 1973.
434. Richard D. Hart, Assistant Professor, Multidisciplinary Major Program, 50% time, at a salary of \$5,900 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
435. Brian P. Holly, Instructor, Multidisciplinary Major Program, 50% time, at a salary of \$5,000 for the period September 1, 1972 through June 30, 1973.
436. John K. Hudzik, Assistant Professor and Assistant to the Director, Multidisciplinary Major Program, at a salary of \$11,800 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
437. Gary Rassel, Instructor, Multidisciplinary Major Program, 50% time, at a salary of \$4,500 for the period September 1, 1972 through June 30, 1973.
438. Donn L. Anderson, Assistant Professor, Urban Planning and Landscape Architecture, at a salary of \$15,600 per year on a 10-month basis, effective September 1, 1972.
439. Marjorie K. Winters, Instructor, African Studies Center, at a salary of \$8,308 for the period September 16, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

440. C. David Klingman, Instructor, Computer Institute for Social Science Research, and Multidisciplinary Major Program, at a salary of \$9,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
441. Gary H. Mendelsohn, Specialist, Computer Institute for Social Science Research, and Psychology, at a salary of \$5,500 for the period July 1, 1972 through December 31, 1972.
442. Nancy K. Hammond, Specialist, Social Science Research Bureau, at a salary of \$9,900 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
443. Dorothy Bedford, Specialist, University College Student Affairs, 50% time, at a salary of \$3,165 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
444. Gloria Blackman, Specialist, University College Student Affairs, 50% time, at a salary of \$3,693 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
445. Elaine E. Cherney, Specialist, University College Student Affairs, 50% time, at a salary of \$2,743 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
446. Helen Dail, Specialist, University College Student Affairs, 50% time, at a salary of \$3,165 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
447. Mary L. DeWolf, Specialist, University College Student Affairs, 50% time, at a salary of \$2,954 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
448. Jean O. Draper, Specialist, University College Student Affairs, 50% time, at a salary of \$3,165 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
449. Esther S. Dunham, Specialist, University College Student Affairs, 50% time, at a salary of \$3,693 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
450. Betty M. Greenman, Specialist, University College Student Affairs, 50% time, at a salary of \$3,165 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
451. Grace K. Haney, Specialist, University College Student Affairs, at a salary of \$6,963 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
452. Laura W. Henderson, Specialist, University College Student Affairs, at a salary of \$8,440 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
453. Dorothy E. Hertel, Specialist, University College Student Affairs, 50% time, at a salary of \$2,743 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
454. Marguerite D. Higbee, Specialist, University College Student Affairs, 50% time, at a salary of \$2,743 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
455. Maureen Honey, Specialist, University College Student Affairs, 50% time, at a salary of \$2,400 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
456. Alicia Kennedy, Specialist, University College Student Affairs, 50% time, at a salary of \$3,270 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
457. Jean S. Kennedy, Specialist, University College Student Affairs, 50% time, at a salary of \$3,587 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
458. Lois Levak, Specialist, University College Student Affairs, 50% time, at a salary of \$3,165 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
459. Jane E. Linnell, Specialist, University College Student Affairs, 50% time, at a salary of \$2,954 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
460. Lillian F. Mead, Specialist, University College Student Affairs, 50% time, at a salary of \$2,743 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

461. Doris Neumann, Specialist, University College Student Affairs, 50% time, at a salary of \$3,165 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
462. Jane Noble, Specialist, University College Student Affairs, 50% time, at a salary of \$3,165 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
463. Ruth Reinoehl, Specialist, University College Student Affairs, 50% time, at a salary of \$2,426 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
464. Barbara J. Scallin, Specialist, University College Student Affairs, 50% time, at a salary of \$2,743 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
465. Irene Sherbo, Specialist, University College Student Affairs, 50% time, at a salary of \$2,743 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
466. Mary H. Speck, Specialist, University College Student Affairs, 50% time, at a salary of \$2,954 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
467. Laura Strandness, Specialist, University College Student Affairs, 50% time, at a salary of \$3,587 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
468. Margaret Zimmer, Specialist, University College Student Affairs, 50% time, at a salary of \$3,270 per year on a 10-month basis, effective September 1, 1972 through August 31, 1974.
469. Pauline Adams, Assistant Professor, American Thought and Language, with tenure, at a salary of \$9,570 per year on a 10-month basis, effective September 1, 1972.
470. Ethel Campbell, Instructor, American Thought and Language, at a salary of \$6,836 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
471. Jane Featherstone, Assistant Professor, American Thought and Language, with tenure, at a salary of \$13,995 per year on a 12-month basis, effective September 1, 1972.
472. Helen Ferle, Instructor, American Thought and Language, at a salary of \$7,575 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
473. Anne Fisher, Instructor, American Thought and Language, at a salary of \$2,315 for the period September 16, 1972 through December 15, 1972.
474. Marjorie Goodell, Instructor, American Thought and Language, at a salary of \$7,364 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
475. Barbara Hurrell, Instructor, American Thought and Language, 67% time, at a salary of \$5,075 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
476. Beulah Monaghan, Instructor, American Thought and Language, at a salary of \$7,364 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
477. Jean Myers, Instructor, American Thought and Language, at a salary of \$2,315 for the period September 16, 1972 through December 15, 1972.
478. Esther M. Reed, Assistant Professor, American Thought and Language, with tenure, at a salary of \$10,050 per year on a 10-month basis, effective September 1, 1972.
479. Madelyn Schuiteman, Instructor, American Thought and Language, at a salary of \$2,315 for the period September 16, 1972 through December 15, 1972.
480. Nancy P. Scott, Assistant Professor, American Thought and Language, at a salary of \$11,800 per year on a 10-month basis, effective September 1, 1972.
481. Margaret Smith, Instructor, American Thought and Language, at a salary of \$2,315 for the period September 16, 1972 through December 15, 1972.
482. Thera Stearns, Instructor, American Thought and Language, at a salary of \$4,786 for the period September 16, 1972 through March 31, 1973.
483. Emma Thornton, Assistant Professor, American Thought and Language, with tenure, at a salary of \$9,570 per year on a 10-month basis, effective September 1, 1972.
484. Arnella Turner, Instructor, American Thought and Language, at a salary of \$7,364 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

485. Madeline R. Vener, Instructor, American Thought and Language, at a salary of \$4,320 for the period September 16, 1972 through March 31, 1973.
486. Marguerite White, Assistant Professor, American Thought and Language, with tenure, at a salary of \$10,098 per year on a 10-month basis, effective September 1, 1972.
487. J. Morgan Sweeney, Assistant Professor, Humanities, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1972.
488. William M. Bridgeland, Instructor, Social Science, at a salary of \$11,100 per year on a 10-month basis, effective September 1, 1972.
489. Michael V. Doyle, Assistant Professor, Social Science, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
490. Harold Haller, Instructor, Social Science, at a salary of \$10,500 per year on a 10-month basis, effective September 1, 1972.
491. Dan Preston, Instructor, Evaluation Services, and Director, Learning Resources Center, at a salary of \$11,000 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
492. Jeannette Tancock, Instructor, Evaluation Services, at a salary of \$9,000 for the period September 15, 1972 through June 30, 1973.
493. Steven W. Clark, Postdoctoral Fellow, Physiology, without pay (paid by NIH) on a 12-month basis, effective January 1, 1972 through December 31, 1972.
494. Frank C. Helfrich, Instructor, Large Animal Surgery and Medicine, at a salary of \$12,000 per year on a 12-month basis, effective June 15, 1972 through June 30, 1973.
495. Michael D. Appleford, Instructor, Small Animal Surgery and Medicine, at a salary of \$8,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
496. Terrance D. Braden, Instructor, Small Animal Surgery and Medicine, at a salary of \$10,000 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
497. David J. DeYoung, Instructor, Small Animal Surgery and Medicine, 40% time, at a salary of \$5,120 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
498. Mark E. Heerdt, Associate Professor, Small Animal Surgery and Medicine, variable time, without pay, effective July 1, 1972 through June 30, 1973.
499. Alfred M. Legendre, Instructor, Small Animal Surgery and Medicine, at a salary of \$9,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
500. David F. Merkley, Instructor, Small Animal Surgery and Medicine, at a salary of \$8,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
501. Christine S. F. Williams, Instructor-Resident in Laboratory Animal Medicine, Center for Laboratory Animal Resources, at a salary of \$9,000 per year on a 12-month basis, effective June 1, 1972 through June 30, 1972.
502. Ronald D. Means, Instructor, Conferences and Institutes, at a salary of \$13,000 per year on a 12-month basis, effective September 1, 1972 through August 31, 1974.
503. James W. Counts, Instructor, Highway Traffic Safety Center, and Psychology, at a salary of \$1,000 per month on a 12-month basis, effective May 16, 1972 through September 15, 1972.
504. Eddie Hildreth, Instructor, Highway Traffic Safety Center, at a salary of \$1,000 per month on a 12-month basis, effective June 16, 1972 through July 31, 1972.
505. Roger Dale Ault, Director, Pewabic Pottery, at a salary of \$14,400 per year on a 12-month basis, effective September 1, 1972 through August 31, 1973.
506. James H. Powell, Ceramic Instructor, Pewabic Pottery, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1972 through August 31, 1973.
507. Linda L. Hansen, Librarian, Libraries, at a salary of \$9,000 per year on a 12-month basis, effective July 1, 1972.
508. Elaine M. Idzikowski, Librarian, Libraries, at a salary of \$10,000 per year on a 12-month basis, effective July 1, 1972.
509. William J. Barclay, Jr., Instructor, Center for Urban Affairs, 50% time, at a salary of \$4,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
510. Krishna Kumar, Instructor, Center for Urban Affairs, at a salary of \$9,700 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

511. Gail M. Sciamanna, Specialist, Center for Urban Affairs, at a salary of \$10,100 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
512. Richard W. Thomas, Instructor and Research Director for Media Project, Center for Urban Affairs, at a salary of \$12,200 per year on a 12-month basis, effective July 1, 1972.
513. Barry D. Bratton, Specialist, Instructional Media Center, 75% time, at a salary of \$10,875 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
514. Edward P. Caffarella, Jr., Specialist, Instructional Media Center, 65% time, at a salary of \$7,800 per year on a 12-month basis, effective August 1, 1972 through June 30, 1973.
515. Thomas E. Harries, Specialist, Instructional Media Center, at a salary of \$14,500 per year on a 12-month basis, effective July 1, 1972 through June 30, 1973.
516. Curtis J. McCarty, Assistant Professor, Instructional Media Center, and Secondary Education and Curriculum, at a salary of \$15,500 per year on a 12-month basis, effective July 1, 1972.
517. Edward W. Youngs, Specialist and Assistant Football Coach, Intercollegiate Athletics, at a salary of \$11,500 per year on a 12-month basis, effective May 1, 1972 through December 31, 1972.
518. Merrill R. Pierson, Assistant to the Vice President for Student Affairs-in Financial Aids, Financial Aids, 50% time, at a salary of \$10,000 per year, effective July 1, 1972 through June 30, 1973.
519. Douglas Brown, Visiting Instructor, English, at a salary of \$2,200 for the period June 21, 1972 through July 26, 1972.
520. Edward C. Keefer, Instructor, History, 67% time, at a salary of \$1,420 for the period June 19, 1972 through September 1, 1972.
521. Harry A. Reed, Instructor, History, 67% time, at a salary of \$1,420 for the period June 19, 1972 through September 1, 1972.
522. Jack T. VanderVen, Instructor, History, 67% time, at a salary of \$1,420 for the period June 19, 1972 through September 1, 1972.
523. Shukla Sinha, Instructor, Philosophy, 25% time, at a salary of \$800 for the period July 27, 1972 through August 25, 1972.
524. David F. Fetyko, Visiting Associate Professor, Accounting and Financial Administration, 67% time, at a salary of \$1,600 for the period July 27, 1972 through September 1, 1972.
525. Richard A. LaBarge, Visiting Professor, Economics, at a salary of \$2,000 for the period June 21, 1972 through July 26, 1972.
526. Ronald H. Ballou, Visiting Associate Professor, Marketing and Transportation Administration, at a salary of \$2,850 for the period June 21, 1972 through July 26, 1972.
527. Dante M. Laudadio, Instructor, Hotel Restaurant and Institutional Management, 75% time, at a salary of \$1,750 for the period June 21, 1972 through September 1, 1972.
528. Teresa Beachy, Instructor, Audiology and Speech Sciences, at a salary of \$1,670 for the period June 21, 1972 through August 31, 1972.
529. Janis L. Forbord, Instructor, Audiology and Speech Sciences, at a salary of \$1,900 for the period June 21, 1972 through August 31, 1972.
530. Jeanette I. Manning, Instructor, Audiology and Speech Sciences, at a salary of \$1,610 for the period June 21, 1972 through September 1, 1972.
531. Ida A. Torrains, Instructor, Audiology and Speech Sciences, 50% time, at a salary of \$1,333.33 for the period June 21, 1972 through September 1, 1972.
532. John L. McCarthy, Instructor, Elementary and Special Education, at a salary of \$1,000 for the period June 21, 1972 through July 26, 1972.
533. Joyce G. Putnam, Instructor, Elementary and Special Education, at a salary of \$720 for the period June 26, 1972 through July 7, 1972.
534. James S. Kaminsky, Instructor, Teacher Education, 50% time, at a salary of \$500 for the period June 21, 1972 through July 26, 1972.

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments, continued

Appointments

535. Diane Levande, Assistant Professor, Family and Child Sciences, at a salary of \$1,950 for the period June 19, 1972 through July 26, 1972.
536. Katherine W. Smith, Assistant Professor, Family Ecology, at a salary of \$2,250 for the period June 19, 1972 through July 26, 1972.
537. Carolyn A. Balkwell, Instructor, Human Environment and Design, 50% time, at a salary of \$900 for the period June 21, 1972 through July 26, 1972.
538. Lee R. Parker, Instructor, Biological Science Program, 60% time, at a salary of \$1,300 for the period June 21, 1972 through September 1, 1972.
539. A. Clair Mellinger, Assistant Professor, Botany and Plant Pathology, at a salary of \$2,500 for the period June 21, 1972 through September 1, 1972.
540. Kenneth J. Coskran, Assistant Professor, Chemistry, at a salary of \$1,757 for the period June 21, 1972 through July 26, 1972.
541. Kenneth Martin, Assistant Professor, Chemistry, at a salary of \$1,215 for the period June 21, 1972 through July 26, 1972.
542. James F. Roseblade, Visiting Professor, Mathematics, at a salary of \$3,200 for the period June 18, 1972 through July 26, 1972.
543. Marie C. Gelato, Instructor, Physiology, at a salary of \$3,000 for the period June 21, 1972 through September 1, 1972.
544. Joan Dean, Instructor, Nursing, at a salary of \$2,280 for the period June 19, 1972 through August 11, 1972.
545. Gerald W. Esch, Associate Professor, Kellogg Biological Station, and Microbiology and Public Health, at a salary of \$4,200 for the period June 21, 1972 through September 1, 1972.
546. Lawrence N. Halfen, Assistant Professor, Kellogg Biological Station, at a salary of \$3,500 for the period June 21, 1972 through September 1, 1972.
547. Robert P. McIntosh, Professor, Kellogg Biological Station, 50% time, at a salary of \$1,350 for the period July 27, 1972 through September 1, 1972.
548. William L. Thompson, Professor, Kellogg Biological Station, at a salary of \$2,000 for the period June 21, 1972 through July 26, 1972.
549. Pamela S. Reuling, Instructor, Nursing, 25% time, at a salary of \$750 for the period June 19, 1972 through August 11, 1972.
550. Omolade Adejuyigbe, Visiting Assistant Professor, Geography, at a salary of \$2,450 for the period June 21, 1972 through July 26, 1972.
551. Elek J. Ludvigh, Instructor, Psychology, 50% time, at a salary of \$1,500 for the period June 21, 1972 through September 1, 1972.
552. Kay Alice Schlappe, Instructor, Psychology, 1/3 time, at a salary of \$1,000 for the period June 21, 1972 through September 1, 1972.
553. Arnold G. Holden, Visiting Assistant Professor, Sociology, at a salary of \$2,360 for the period June 21, 1972 through July 26, 1972.
554. Sal Restivo, Visiting Assistant Professor, Sociology, at a salary of \$2,360 for the period June 21, 1972 through July 26, 1972.
555. Christopher K. Vanderpool, Visiting Assistant Professor, Sociology, at a salary of \$2,360 for the period June 21, 1972 through July 26, 1972.
556. George F. Bishop, Instructor, Multidisciplinary Major Program, 1/3 time, at a salary of \$900 for the period June 21, 1972 through September 1, 1972.
557. Gary Rassel, Instructor, Multidisciplinary Major Program, 1/3 time, at a salary of \$900 for the period June 21, 1972 through September 1, 1972.
558. James N. Nevels, Instructor, American Thought and Language, at a salary of \$2,000 for the period June 19, 1972 through September 1, 1972.
559. Lois Ann Lund, Professor, Family Ecology; and Dean, College of Human Ecology, at a salary of \$32,500 per year on a 12-month basis, effective January 1, 1973.

Motion was made by Trustee Carrigan, seconded by Trustee Martin, to approve the Resignations, Leaves, Transfers and Changes in Assignment, Promotions, Salary Changes, and all Appointments except number 559. Unanimously approved.

On motion by Trustee Huff, seconded by Trustee Merriman, it was unanimously voted to approve the appointment of Dr. Lois Ann Lund as Professor of Family Ecology and Dean of the College of Human Ecology as recommended (item 559).

A. PERSONNEL CHANGES, continued

June 23, 1972

Appointments

Appointments, continued

Provost Cantlon reported that of the 300 regular appointments, 107 are women; of the 40 summer school appointments, 13 are women, of the 218 in the clinical-medical group, 16 are women.

Trustee Huff requested that the Trustees be supplied with a statistical breakdown of the progress being made in the affirmative action program. He also suggested that the service donated to the University by the clinical faculty be acknowledged by the Provost or the President.

Recommendations from Director of Personnel

Recommendations from the Director of Personnel

1. Reclassify a Senior Clerk Steno V to a Principal Clerk VI position for the Department of Agricultural Economics.
2. For the Department of Horticulture:
 - a. Reclassify a Departmental Secretary V to a Principal Clerk VI position.
 - b. Reclassify 2 Clerk-Steno III to Senior Clerk-Steno V positions.
3. Reclassify a Departmental Secretary V to a Senior Departmental Secretary VII position and transfer from the Department of Communication to the Office of the Dean, College of Communication Arts.
4. For the Dean of Engineering:
 - a. Reclassify an Assistant to Dean from an AP-VIII to an AP-IX position
 - b. Reclassify an Office Assistant VIII to an Office Supervisor IX position
 - c. Reclassify a Principal Clerk VI to a Head Clerk VIII position.
5. Reclassify a Clerk-Steno III to a Senior Clerk-Steno V position for Engineering Instructional Services.
6. Reclassify an Office Assistant VIII to an Office Assistant IX position for the Dean's Office, College of Human Medicine.
7. Establish a Senior Clerk IV position for the Office of Health Services Education and Research.
8. Reclassify a Clerk-Steno III to a Senior Clerk-Steno V position for the MSU/AEC Plant Research Laboratory.
9. Establish a Computer Systems Specialist AP-III position for the Dean's Office, College of Osteopathic Medicine.
10. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position for the Office of the Dean, University College.
11. Reclassify a Clerk-Stenographer III to a Senior Clerk IV position for the Department of American Thought and Language.
12. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position for the Department of Humanities.
13. Reclassify a Clerk-Stenographer III to a Senior Clerk IV position for the Department of Natural Science.
14. For the Department of Social Science:
 - a. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position.
 - b. Reclassify a Clerk-Typist II to a Senior Clerk IV position.
15. Reclassify a Senior Clerk IV to a Senior Clerk-Typist V position for the Center for Urban Affairs.
16. For the Instructional Media Center:
 - a. Reclassify an Instructional Media Center Librarian VIII to a Coordinator, Media and Material Resources AP-I position.
 - b. Establish an Office Assistant VIII position.
 - c. Establish a Senior Departmental Secretary VII position.
17. For Radio Broadcasting:
 - a. Reclassify a Radio News Editor from an AP-III to an AP-V position.
 - b. Reclassify a Clerk Stenographer III to a Senior Clerk Stenographer V position.
18. For Admissions and Scholarships:
 - a. Reclassify an Associate Director of Admissions and Scholarships AP-VIII to a Director of Admissions AP-IX position.
 - b. Reclassify an Office Assistant from an VIII to a IX position.
19. Reclassify a Principal Clerk VI to an Office Assistant VIII position for the Office of the Registrar.
20. For the Assistant Vice President for Personnel and Employee Relations, Executive Vice President and Secretary:
 - a. For the Office of Labor Relations:
 - (1) Establish a Director of Labor Relations AP-IX position
 - (2) Establish a Senior Departmental Secretary VII position
 - b. For the Office of Employee Compensation and Benefits:
 - (1) Establish an Associate Director for Compensation and Evaluation Services AP-VIII position
 - (2) Establish a Compensation Analyst AP-III position
 - (3) Establish a Senior Clerk Typist V position
 - (4) Transfer from the Personnel Office and reclassify a Clerk-Typist II to a Senior Departmental Secretary VII position
 - (5) Transfer from the Comptroller's Office, Vice President for Business and Finance, and reclassify the following:
 - (a) Director of Staff Benefits AP-VIII to Director, Employee Compensation and Benefits AP-IX position
 - (b) Assistant Director of Staff Benefits AP-IV to Assistant Director Staff Benefits AP-V position
 - (c) Executive Secretary VIII to Office Assistant X position
 - (d) Senior Accounting Clerk V to Principal Clerk VI position
 - (e) Senior Clerk IV to Senior Clerk Typist V position

A. PERSONNEL CHANGES, continued

June 23, 1972

Recommendations from the Director of Personnel, continuedRecommendations
from Director
of Personnel

20. Assistant Vice President for Personnel and Employee Relations, Executive Vice President and Secretary, continued
 - c. Reclassify 2 Employment Specialist AP-III to Senior Employment Specialist AP-IV positions for the Personnel Office.
21. For the Comptroller's Office, Vice President for Business and Finance:
 - a. Reclassify a Clerk-Typist II to an Office Assistant X position.
 - b. Reclassify a Clerk-Typist II to a Senior Accounting Clerk V position.
22. Reclassify a Departmental Secretary V to an Office Assistant VII position for Physical Plant-Custodial Services.
23. Reclassify a Senior Clerk IV to a Grant Examiner VIII position for the Office of Research and Contract Administration.
24. Reclassify an Assistant Director from an AP-IV to an AP-V position for the Division of Financial Aids.
25. Transfer an Assistant Director from a faculty position and reclassify to an Assistant Director AP-IX position for Intercollegiate Athletics.

Motion was made by Trustee White, seconded by Trustee Merriman, to approve the Recommendations from the Director of Personnel. Unanimously carried.

Retirements

Retirements

1. Retirement of Edna J. Alsup, Extension Home Economist, Cooperative Extension Service, effective August 1, 1972 at a basic retirement salary of \$2,450 a year. Mrs. Alsup was born July 28, 1910 and has been employed by the University since August 20, 1945. Edna J. Alsup
2. Retirement of Leadelle Clark, Hostess, Student Affairs, effective July 1, 1972 at a basic retirement salary of \$1,193 a year. Miss Clark was born April 9, 1907 and has been employed by the University since September 1, 1957. Leadelle Clark
3. Retirement of Dorothy E. Culver, Executive Secretary, Office of Dean of Students, effective August 1, 1972 at a basic retirement salary of \$2,454 a year. Miss Culver was born November 6, 1906 and has been employed by the University since July 1, 1954. Dorothy E. Culver
4. Retirement of Theodore W. Forbes, Professor, Department of Psychology, as Professor Emeritus, effective September 1, 1972 at a basic retirement salary of \$515 a year. Professor Forbes was born May 12, 1902 and has been a member of the faculty since September 16, 1957. Theodore W. Forbes
5. One-year consultantship with agreed-upon duties and responsibilities for Fritz Herzog, Professor, Department of Mathematics, from July 1, 1972 to June 30, 1973, and retirement as Professor Emeritus, effective July 1, 1973. The basic retirement salary will be \$3,300 a year. Professor Herzog was born December 6, 1902 and has been a member of the faculty since September 1, 1943. Fritz Herzog
6. Retirement of Cecelia R. Stauffer, Head Resident Adviser, Yakeley Hall, Student Affairs Office, effective July 1, 1972 at a basic retirement salary of \$3,013 a year. Miss Stauffer was born January 5, 1905 and has been employed by the University since September 1, 1950. Cecelia R. Stauffer
7. One-year consultantship with agreed-upon duties and responsibilities for Howard L. Womochel, Professor, Department of Metallurgy, Mechanics, and Materials Science, from September 1, 1972 through August 31, 1973, and retirement as Professor Emeritus effective September 1, 1973. The basic retirement salary will be \$3,300 a year. Professor Womochel was born May 17, 1906 and has been a member of the faculty since January 1, 1938. Howard L. Womochel
8. Retirement of Mary J. E. Woodward as Assistant Professor Emeritus, Cooperative Extension Service, effective July 1, 1972 at a basic retirement salary of \$3,300 a year. Miss Woodward was born December 23, 1906 and has been employed by the University since September 1, 1933. Mary J. E. Woodward
9. Change dates of terminal leave for Leonard Glander, Director of Personnel, from July 1, 1972 to June 30, 1973, to October 1, 1972 through September 30, 1973 with retirement to be effective October 1, 1973. Leonard Glander

On motion by Trustee Merriman, seconded by Trustee Thompson, the Retirement items were unanimously approved.

Deaths

Deaths

1. Report of the death of Everett G. Snyder, Professor, Natural Science, on May 15, 1972. Professor Snyder was born October 24, 1908 and had been employed by the University since September 1, 1947. Everett G. Snyder
2. Report of the death of Ellen Rosenberg, Executive Secretary, Department of Geography, on May 25, 1972. Mrs. Rosenberg was born September 11, 1947 and had been employed by the University since July 1, 1970. Ellen Rosenberg

A. PERSONNEL CHANGES, continued

June 23, 1972

Deaths

Deaths, continued

Suzanne Darken

3. Report of the death of Suzanne Darken, Executive Secretary, Elementary and Special Education, on June 2, 1972. Miss Darken was born August 6, 1939 and had been employed by the University since February 17, 1958.

Gladys Burhans

4. Report of the death of Gladys Burhans, Clerk, College of Business, on June 13, 1972. Mrs. Burhans was born November 14, 1909 and had been employed by the University since November 22, 1965.

Gifts and
GrantsB. GIFTS AND GRANTS

1. Gift of 10 boxes of ammonium sulphate (\$45), 1 each numbering (\$18), 50 pages of graph paper (\$185.50), and 4 drawing instruments (\$60) with a total value of \$308.50 from the National Science Foundation to be used under the direction of Clarence Suelter in Biochemistry.
2. Gift of 2 Clean Work (laminar flow hoods) valued at \$1,192 from the National Science Foundation to be used under the direction of Fritz Rottman in Biochemistry.
3. Gift of meters, turpentine, electrical wire, and desiccant with a total value of \$181.40 from the Office of Water Resources Research, U.S. Department of the Interior, to be used under the direction of Donald P. White in the Department of Forestry.
4. Gift of a heater (\$57), microscope (\$120), and 3 suction and pressure appliances (\$137 each) with a total value of \$588 from the National Science Foundation to be used under the direction of F. G. Dennis, Jr. in Horticulture.
5. Gift of 700 pheasant chicks valued at \$350 from Robert Bauer, Bauer's Game Ranch, Lapeer, to be used in pheasant research under the direction of C. C. Sheppard in the Poultry Science Department.
6. Gift of an etching, Adam and Eve Entertain Raphael, by William Strang, valued at \$25 to be added to the Permanent Collection in the Kresge Art Center. Donor, William Gamble, East Lansing.
7. Gift of a painting, Three Men, by Georges Schreiber, valued at \$150 from Mr. and Mrs. Austin L. Moore, East Lansing, to be added to the Permanent Collection in the Kresge Art Center.
8. Gift of 885 lettering pens valued at \$840.75, from the Department of Health, Education and Welfare, Office of Education, Division of Educational Technology, to be used under the direction of J. Bruce Burke in the Humanities Teaching Institute.
9. Gift of a Lapmaster lapping machine valued at \$1,500 from Western Electric, New York, New York, to be used under the direction of W. N. Sharpe, Jr., Metallurgy, Mechanics and Materials Science, in the preparation of research samples.
10. Gift of equipment, including Sidman avoidance apparatus, variance computer, and polygraph, with a total value of \$21,327 from Dartmouth College, to be used under the direction of Richard Rech in Pharmacology.
11. Gift of a typewriter (\$510.30), vise (\$46.50), and 4 flasks (\$13.60) from the Office of Naval Research Resident Representative, Ann Arbor, to be used under the direction of Theodore M. Brody in Pharmacology.
12. Gift of a filter unit valued at \$396.30 from the National Science Foundation to be used under the direction of Robert S. Bandurski in Botany and Plant Pathology.
13. Gift of a torque wrench (\$19.70) 76 rat tail files (\$21.28), and a table (\$107.04) with a total value of \$148.02 from the National Science Foundation to be used under the direction of Thomas J. Pinnavaia in Chemistry.
14. Gift of three 1.5 HP motors (\$567), 516 lbs. aluminum side (\$516) and a hydraulic motor (\$655) with a total value of \$1,738, from the National Science Foundation to be used under the direction of H. G. Blosser in the Cyclotron.
15. Gift of 1500 lbs. of aluminum (\$450), 5 meters (\$345), and 516 lbs. of aluminum side (\$516), with a total value of \$1,311 from the National Science Foundation to be used under the direction of H. G. Blosser in the Cyclotron.
16. Gift of a magnetic tape unit valued at \$35,000 from Scientific Data Systems, El Segundo, California, to be used under the direction of Henry G. Blosser in the Cyclotron.
17. Gift of equipment with a total value of \$915.72 from the Atomic Energy Commission, Chicago Operation Office, to be used under the direction of Anton Lang in the MSU/AEC Plant Research Laboratory.
18. Gift of 19 boxes Sheet, Eng. Translucency, valued at \$1,100.48 from the National Science Foundation to be used under the direction of William Cooper in the Department of Zoology.

B. GIFTS AND GRANTS, continued

June 23, 1972

Gifts and
Grants

19. Gift of equipment including cameras, meter, surgical apparatus, with a total value of \$1,981.45 from the National Science Foundation to be used under the direction of Leonard Cohen in Osteopathic Medicine.
20. Gift of an electric clay mixer valued at \$300 from Mrs.-Virginia Armstrong, Pleasant Ridge, to be used in the Pewabic Pottery.
21. Grants to be used for scholarship purposes, as follows:
 - a. \$30 from Walter Adams, East Lansing, as a contribution to the Prof. Lewis Richards Memorial Award.
 - b. \$25 from Manuel R. Alfaro, Jr., East Lansing, as a contribution to the Mexican-American Scholarship Fund.
 - c. \$500 from The American Hotel Foundation, Inc., New York, for students in the School of Hotel, Restaurant and Institutional Management.
 - d. \$418.48 from Black Students at Michigan State University as a contribution to the Martin Luther King Scholarship Fund.
 - e. \$750 from the Club Managers Association of America to continue previously established scholarship funds for students enrolled in the School of Hotel, Restaurant and Institutional Management.
 - f. From the Farmers and Manufacturers Beet Sugar Association:
\$1,000 for a scholarship in the College of Agriculture and Natural Resources.
\$1,000 for a student in the College of Human Ecology, for 1972-73, 1973-74, and 1974-75.
\$250 for the Cities Service Account.
 - g. \$1,000 from the H. L. Gentry Memorial Scholarship Fund for recipients to be selected by the Scholarship Office, with first preference given to Engineering students.
 - h. \$500 from the Michigan Asphalt Paving Association, Inc., Lansing, to provide a Dan Humphries scholarship for a student in the Department of Civil Engineering.
 - i. \$1,400 from the Michigan Foundation for Medical and Health Education, East Lansing, to provide assistance to students in the College of Human Medicine.
 - j. \$500 from the MSU Rodeo Club to assist Animal Husbandry students.
 - k. \$1,000 from the NFBA Foundation, Inc., Washington, D.C.
 - l. \$500 from Ralston Purina Co., St. Louis, Missouri, for a student in the College of Agriculture for the academic year 1972-73.
 - m. \$4 from Emil Sonnenberg, Clanit, New Jersey, as a contribution to the MSU Grant Fund.
 - n. \$400 from the Woman's Auxiliary to the Wayne County Medical Society to provide assistance for a medical student who is a resident of Wayne County, Michigan.
 - o. For the Food Systems Economics and Management Program:
\$1,500 from Gerber Products Co., Fremont
\$2,500 from H. J. Heinz Co., Pittsburgh, Pa.
\$2,000 from Independent Grocers' Alliance, Chicago, Illinois.
\$3,000 from The Johnson's Wax Fund, Inc., Racine, Wis.
\$2,000 from Thomas J. Lipton Foundation, Inc., Englewood Cliffs, N.J.
\$1,500 from Philip Morris, Inc., New York, N.Y.
 - p. For the Latin American Research Fund:
\$20 from C. W. Minkel, East Lansing
\$5 from Robert N. Thomas, East Lansing
 - q. For the National Merit Scholarship General Support Fund:
\$100 from Olin Mathieson, Stamford, Conn.
\$100 from Federal Mogul Corp.
\$100 from Sun Oil Co.
\$133 from Goodyear Tire and Rubber Co.
\$100 from Humble Oil and Refining Co.
\$100 from National Distillers
\$100 from The Weatherhead Co.
\$1,433 from the Thomas J. Watson Memorial Scholar of International Business Corp.
\$100 from the Grainger Foundation
\$100 from Carpenter Tech, Corp.
\$100 from Northern Illinois Gas Co.
\$100 from Mobil Achievement Scholars
\$100 from Koppers Co.
\$100 from Western Electric Co.
\$100 from anonymous
22. Grants as follows to the MSU Development Fund:
 - a. From Dr. and Mrs. Talbert Abrams, Lansing:
\$1,000 for the Abrams Planetarium, Special Projects.
\$500 for the Ford/Halverson Account
\$1,000 for MSU's Glaciological Arctic Sciences Institute
\$1,000 for the High School Engineering Institute
\$500 for the MSU Restricted Account for Aero Space
 - b. \$100 from Frank H. Blackington, III, Okemos, for the MSU Faculty Scholarship Fund Account.
 - c. \$10 from W. Freeman Bulkley, Champaign, Ill., for the Karl Dressel Memorial Fund Account.
 - d. \$100 from Charles O. Gerber, Jr., Spring Lake, for the Volunteer Programs Account.
 - e. \$100 from H. Andrew Hansen, Muskegon, for the Asher Student Account.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

June 23, 1972

22. Grants to the MSU Development Fund, continued
 - f. \$100 from the MSU Alumni Club of Southern California for the MSU Development Fund Restricted Account for use by the MSU Alumni Association.
 - g. \$75 from Mr. and Mrs. Gustave A. Thorpe, South Haven, for the Alice Cutler Thorpe Graduate Scholarship Account.
 - h. \$135 from various donors for the CCIP Scholarship Fund Account.
 - i. \$630 from various donors for the College of Engineering Dean's Discretionary Fund Account.
23. Grant of \$100 from the American Dairy Association of Michigan, Lansing, Michigan, to be used under the direction of G. L. Beckstrand in 4-H Youth Programs, Cooperative Extension Service, to defray expenses of 4-H delegate attending CLUG CONGRESS held in Chicago, Illinois.
24. Grant of \$1,408.24 from Cities Service Foundation, Washington, D.C., to be used under the direction of Mary J. E. Woodward in 4-H Youth Programs, Cooperative Extension Service, to carry on the Key Award Programs for 4-H delegates.
25. Grant of \$4,000 from the Michigan 4-H Foundation, Hickory Corners, Michigan, to be used under the direction of G. L. Beckstrand and Mary J. E. Woodward in 4-H Youth Programs, Cooperative Extension Service, to defray expenses of the 4-H International and International Farm Youth Exchange Programs.
26. Grant of \$3,500 from the Michigan 4-H Foundation, Hickory Corners, Michigan, to be used under the direction of G. L. Beckstrand in 4-H Youth Programs, Cooperative Extension Service, to carry on the 4-H Leadermete.
27. Grant of \$1,000 from the Michigan 4-H Foundation, Hickory Corners, Michigan, to be used under the direction of G. L. Beckstrand and Mary J. E. Woodward in 4-H Youth Programs, Cooperative Extension Service, to defray expenses of 4-H delegates attending and participating in the National Conference held in Washington, D.C.
28. Grant of \$500 from the Michigan 4-H Foundation, Hickory Corners, Michigan, to be used under the direction of Mary J. E. Woodward, in 4-H Youth Programs, Cooperative Extension Service, to carry out the Clover Awards programs.
29. Grant of \$181.50 from the National 4-H Service Committee, Washington, D.C., to be used under the direction of G. L. Beckstrand in 4-H Youth Programs, Cooperative Extension Service, to defray expenses for 4-H Marketing Symposium trip in Chicago, Illinois.
30. Grant of \$550 from Wexford County 4-H Leader Association, Cadillac, Michigan, to be used under the direction of Mary J. E. Woodward, in 4-H Youth Programs, Cooperative Extension Service, to defray expenses of the 4-H International - IFYE programs.
31. Grant of \$25 from Women's National Farm & Garden-West Beverly Branch, West Beverly, Michigan, to be used under the direction of G. L. Beckstrand and Mary J. E. Woodward in 4-H Youth Programs, Cooperative Extension Service, to defray expenses of the 4-H International - IFYE programs.
32. Grant of \$110.70 from A. W. Farrall, East Lansing, Michigan, to be used under the direction of B. A. Stout in the Department of Agricultural Engineering for the A. W. Farrall Agricultural Engineering Faculty Awards.
33. Grant of \$2,000 from Food and Agriculture Organization of UN, Rome, Italy, to be used under the direction of C. J. Mackson, and R. H. Wilkinson in the Department of Agricultural Engineering to plan a training program for instructors in the Buga, Colombia Farm Mechanization Center.
34. Grant of \$500 from C. J. Mackson, East Lansing, Michigan, to be used under the direction of C. J. Mackson in the Department of Agricultural Engineering for research supplies, equipment and travel.
35. Grant of \$3,000 from Kitty Kurtis Angus, Inc., Tecumseh, Michigan, to be used under the direction of R. H. Nelson in the Department of Animal Husbandry for the improvement of teaching livestock production.
36. Grant of \$2,500 from the Michigan Department of Natural Resources, Lansing, Michigan, to be used under the direction of D. E. Ullrey in the Department of Animal Husbandry to support laboratory analyses performed as a part of cooperative deer nutrition research.
37. Grant of \$8,000 from USDA, ARS, Animal Science Division, Beltsville, Maryland, to be used under the direction of R. A. Merkel and H. D. Hafs in the Departments of Animal Husbandry and Dairy Science to study the relationship of endocrine criteria with growth, stress susceptibility, body composition and meat quality.
38. Grant of \$1,000 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. C. Deal, Jr. in the Department of Biochemistry for supply use for William W. Farrar, Fellow.

B. GIFTS AND GRANTS, continued

June 23, 1972

Gifts and
Grants

39. Grant of \$33,418 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of P. K. Kindel in the Department of Biochemistry for research in biosynthesis of D-Apiose and plant polysaccharides.
40. Grant of \$400 from BASF Wyandotte Corporation, Parsippany, New Jersey, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to study the effects of 3512-H as a postemergence application for weed control in soybeans and corn.
41. Grant of \$500 from Chemagro, Division of Baychem Corp., Kansas City, Missouri, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to study weed control methods in potatoes and soybeans.
42. Grant of \$700 from Diamond Shamrock Corporation, Cleveland, Ohio, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to study the effects of soil applied herbicides on corn and soybeans.
43. Grant of \$5,000 from Farmers & Manufacturers Beet Sugar Association, Saginaw, Michigan, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to study the effects of combinations of herbicides on sugarbeet quality, and on weed control and to determine the effects in the soil.
44. Grant of \$4,000 from Farmers & Manufacturers Beet Sugar Association, Saginaw, Michigan, to be used under the direction of D. Christenson and J. F. Davis in the Department of Crop and Soil Sciences to continue research in mechanization and in the effects of soil characteristics and added nutrients on yield and quality of sugar beets.
45. Grant of \$1,000 from Fisons Corporation, Bedford, Maine, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to study soil residual aspects of certain herbicides applied to sugarbeets.
46. Grant of \$25,000 from Michigan Miller's Association, Chelsea, Michigan, to be used under the direction of E. H. Everson in the Department of Crop and Soil Sciences for research on winterhardiness in wheat and breeding of winterhardy soft white wheat, and research on wheat pollination mechanisms to convert a self-pollinating genetic system to an out-crossing system to make hybrid wheat possible.
47. Grant of \$1,000 from Monsanto Company, St. Louis, Missouri, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences, to evaluate mono-(dimethylamine)N-(phosphonomethyl) glycine for quackgrass control.
48. Grant of \$16,500 from the Rockefeller Foundation, New York, New York, to be used under the direction of F. C. Elliott and V. Marcarian in the Department of Crop and Soil Sciences, and O. Mickelsen in the Department of Food Science and Human Nutrition for comparative rat-vole assays of plant protein sources.
49. Grant of \$1,000 from the Shell Oil Company, Menlo Park, California, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to study factors affecting herbicidal activity of SD15418 and herbicide combinations.
50. Grant of \$500 from Sierra Chemical Company, Newark, California, to be used under the direction of P. E. Rieke in the Department of Crop and Soil Sciences to determine the nitrogen response on turfgrasses in experimental coated fertilizers provided by the Sierra Chemical Company.
51. Grant of \$1,000 from U.S. Borax Research, Los Angeles, California, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to study soil incorporated herbicides for weed control in soybeans and dry beans.
52. Grant of \$74,378 from the National Institute of General Medical Sciences, Bethesda, Maryland, to be used under the direction of J. W. Thomas in the Department of Dairy Science to provide funds to train pre-doctoral students in a broad, multi-species aspects of nutrition at MSU and increase productiveness of individual staff and departments in training graduate students in nutrition.
53. Grant of \$5,947 from Consumers Power Company, Jackson, Michigan, to be used under the direction of P. I. Tack in the Department of Fisheries and Wildlife, as a supplement to ongoing grant to support study on Lake Michigan in the vicinity of Ludington, Michigan.
54. Grant of \$2,500 from the American Meat Institute, Chicago, Illinois, to be used under the direction of A. M. Pearson in the Department of Food Science and Human Nutrition to determine degree of correlation between the content of 501-androst-16-ene-3-one in pork fat and sex odor.
55. Grant of \$2,500 from National Pork Producers Council, Des Moines, Iowa, to be used under the direction of A. M. Pearson in the Department of Food Science and Human Nutrition to determine degree of correlation between the content of 501-androst-16-ene-3-one in pork fat and sex odor.
56. Grant of \$5,000 from Moorman Mfg. Co., Quincy, Illinois, to be used under the direction of G. A. Leveille in the Department of Food Science and Human Nutrition for lipid metabolism in the pig.

B. GIFTS AND GRANTS, continued

June 23, 1972

57. Grant of \$200 from Diamond Shamrock Chemical Company, Cleveland, Ohio, to be used under the direction of A. R. Putnam in the Department of Horticulture to support research on evaluation of Dacthal for grass control in asparagus and DS-18696 for weed control under fruit trees.
58. Grant of \$700 from the Dwarf Fruit Tree Association, Hartford, Michigan, to be used under the direction of R. F. Carlson in the Department of Horticulture for education and dissemination of research results pertaining to scion/rootstock relationship of fruit trees.
59. Grant of \$500 from Ebers Orchards, Sparta, Michigan, to be used under the direction of J. Carew in the Department of Horticulture for research as an appropriate memorial to Mr. Rock Ebers.
60. Grant of \$500 from Gerber Products Company, Fremont, Michigan, to be used under the direction of R. F. Carlson in the Department of Horticulture to support research on fruit tree replanting problems as related to suitable rootstocks and soil organisms causing tree decline.
61. Grant of \$500 from International Minerals & Chemical Corp., Libertyville, Illinois, to be used under the direction of A. R. Putnam in the Department of Horticulture to support research on evaluation of IMC-3950 as a herbicide for vegetable crops.
62. Grant of \$1,000 from the Michigan Apple Committee, Lansing, Michigan, to be used under the direction of D. H. Dewey in the Department of Horticulture to support program in progress to improve internal quality of apples for fresh market and processing.
63. Grant of \$1,000 from Michigan Pear Research Association, Inc., Fennville, Michigan, to be used under the direction of J. Carew in the Department of Horticulture to support on-going research on pear size, irrigation and tree density.
64. Grant of \$250 from Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of L. R. Baker in the Department of Horticulture to support on-going research on cucumber breeding.
65. Grant of \$500 from Rohm and Haas Company, Spring House, Pennsylvania, to be used under the direction of A. R. Putnam in the Department of Horticulture to support on-going herbicide research relating to horticultural crops.
66. Grant of \$350 from Bauer's Game Ranch, Lapeer, Michigan, to be used under the direction of C. C. Sheppard in the Department of Poultry Science for breeding, selection and management of pheasants.
67. Grant of \$1,500 from Peat, Marwick, Mitchell Foundation, Detroit, Michigan, to be used under the direction of G. M. Jones, in the Department of Accounting and Financial Administration for faculty development.
68. Grant of \$250 from David W. Rewick, Barrington, Illinois, to be used under the direction of G. M. Jones in the Department of Accounting and Financial Administration for faculty development.
69. Grant of \$510 from The Arthur Young Foundation, Detroit, Michigan, to be used under the direction of G. M. Jones in the Department of Accounting and Financial Administration for doctoral fellowships.
70. Grant of \$30 from Allan & Eileen Zumberg, Oak Park, Michigan, to be used under the direction of G. M. Jones in the Department of Accounting and Financial Administration for faculty development.
71. Grant of \$10,000 from the American Institute for Imported Steel, Inc., New York, New York, to be used under the direction of W. Adams in the Department of Economics to support research in the Program on Industrial Structures in the Atlantic Community (ISAC).
72. Grant of \$500 from Garlock Company, Lansing, Michigan, to be used under the direction of D. A. Taylor in the Department of Marketing and Transportation Administration to support the development of the marketing program and faculty.
73. Grant of \$3,500 from The Detroit Edison Company, Detroit, Michigan, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support the activities of the Institute.
74. Grant of \$3,000 from Brimley Public Schools, Brimley, Michigan, to be used under the direction of A. Kloster in the Department of Administration and Higher Education to provide assistance in the study of the educational community, school plant study, and instructional improvement.
75. Grant of \$2,500 from The Dow Chemical Company, Midland, Michigan, to be used under the direction of M. H. Chetrick in the Department of Chemical Engineering for unrestricted use at the discretion of department chairman.

B. GIFTS AND GRANTS, continued

June 23, 1972

Gifts and
Grants

76. Grant of \$900,000 from the National Science Foundation, Washington, D.C., to be used under the direction of H. E. Koenig in the College of Engineering, the College of Natural Science, the College of Agriculture and Natural Resources, and the Center for Environmental Quality to conduct research in design and management of ecosystems.
77. Grant of \$12,300 from the National Science Foundation, Washington, D.C., to be used under the direction of B. W. Wilkinson in the Division of Engineering Research for an experimental evaluation of the applicability of the gas ultracentrifuge to the removal of sulfur oxide gases from synthetic flue gas of a type similar to that produced by the combustion of sulfur-bearing fuel.
78. Grant of \$24,000 from the National Science Foundation, Washington, D.C., to be used under the direction of F. M. Rottman in the Department of Biochemistry for research in the influence of 2'-O-Methylation on the physical and chemical properties of RNA.
79. Grant of \$30,139 from the National Institutes of Health, Washington, D.C., to be used under the direction of J. I. Johnson in the Department of Biophysics for the development of afferent neural center.
80. Grant of \$38,044 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of R. H. Rech in the Department of Pharmacology for research in evoked potentials and brain levels of catecholamines.
81. Grant of \$25,662 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of K. E. Moore in the Department of Pharmacology for research in the role of catecholamines in drug toxicity.
82. Grant of \$2,000 from The Kidney Foundation of Michigan to be used under the direction of Wang-Tsau Chen in the Department of Physiology for research fellowship.
83. Grant of \$65,818 from the National Institutes of Health to be used under the direction of F. J. Haddy in the Department of Physiology as a cardiovascular physiology training grant.
84. Grant of \$6,367 from the National Institute of Mental Health, Rockville, Maryland, to be used under the direction of A. J. Enelow in the Department of Psychiatry, to evaluate the effectiveness of programmed audio-visual instruction in recognition and management of suicidal persons.
85. Grant of \$49,000 from the Midwestern University Research Association to be used under the direction of R. U. Byerrum in the College of Natural Science to enhance the research programs in physics which are related to the broad areas that contribute to the work of the Midwestern University Research Association.
86. Grant of \$1,180,000 from the National Science Foundation, Washington, D.C., to be used under the direction of R. U. Byerrum in the College of Natural Science as a University science development grant.
87. Grant of \$50,000 from the National Science Foundation, Washington, D.C., to be used under the direction of W. A. Wood and A. Tulinsky in the Department of Biochemistry for investigation of the structure of a trimetric metabolic enzyme: sequencing and x-ray crystallographic structure determination of 2-keto-1-deoxy-6-phospho-gluconic Adolase of Pseudomonas putida.
88. Grant of \$700 from Chemagro, Kansas City, Missouri, to be used under the direction of E. J. Klos in the Department of Botany and Plant Pathology to study the fungicidal activity of Bayer Dam 18654 against *Venturia inaequalis* and *Coccomyces hiemalis* (cherry leaf spot) and Morestan and Captan against *Venturia inaequalis* (apple scab).
89. Grant of \$500 from Chemagro Division of Baychem Corporation, Kansas City, Missouri, to be used under the direction of J. M. Vargas, Jr. in the Department of Botany and Plant Pathology to evaluate the fungicide Bay Dam 18654 on turf grass diseases.
90. Grant of \$300 from E. I. duPont de Nemours & Company, Wilmington, Delaware, to be used under the direction of J. M. Vargas, Jr. in the Department of Botany and Plant Pathology to evaluate Benomyl and Chloroneb as turfgrass fungicides.
91. Grant of \$750 from Diamond Shamrock Corporation, Cleveland, Ohio, to be used under the direction of H. S. Potter in the Department of Botany and Plant Pathology to evaluate the effectiveness and phytotoxicity of new formulations of fungicides applied as low volume sprays.
92. Grant of \$500 from Diamond Shamrock Corporation, Cleveland, Ohio, to be used under the direction of E. J. Klos in the Department of Botany and Plant Pathology to study fungicidal activity of Tetrachloroisophtha-lonitrile against apple scab and cherry leaf spot.
93. Grant of \$1,000 from E M Laboratories, Inc., Elmsford, New York, to be used under the direction of A. L. Jones in the Department of Botany and Plant Pathology to determine the effectiveness of the experimental of the experimental fungicide CA 70203 for tree fruit disease control.

B. GIFTS AND GRANTS, continued

June 23, 1972

94. Grant of \$500 from FMC Corporation, Niagara Chemical Division, Middleport, New York, to be used under the direction of E. Klos in the Department of Botany and Plant Pathology to study fungicidal activity of Polyran against apple scab and cherry leaf spot.
95. Grant of \$400 from FMC Corporation, Niagara Chemical Division, Middleport, New York, to be used under the direction of D. J. de Zeeuw in the Department of Botany and Plant Pathology for research on seed and soil treatment fungicides.
96. Grant of \$300 from FMC Corporation, Niagara Chemical Division, Middleport, New York, to be used under the direction of W. G. Fields in the Department of Botany and Plant Pathology to investigate the effect of pesticides upon the soil microflora.
97. Grant of \$300 from FMC Corporation, Niagara Chemical Division, Middleport, New York, to be used under the direction of J. M. Vargas, Jr. in the Department of Botany and Plant Pathology to evaluate FMC, experimental fungicide for the control of turf diseases.
98. Grant of \$2,900 from Kennecott Copper Corporation, Houston, Texas, to be used under the direction of H. S. Potter and W. J. Hooker in the Department of Botany and Plant Pathology to study redistribution of fungicides on plant surfaces and aerial application techniques.
99. Grant of \$500 from Eli Lilly and Company, Indianapolis, Indiana, to be used under the direction of J. M. Vargas, Jr. in the Department of Botany and Plant Pathology to evaluate the fungicide EL-273 for the control of stripe smut, dollar spot, powdery mildew and Fusarium blight control.
100. Grant of \$2,000 from Pennwalt Corporation, Monrovia, California, to be used under the direction of E. J. Klos in the Department of Botany and Plant Pathology to study fungicidal activity of Dimethyl 4,4¹⁻⁰-phenylenebis (3-thioallophanate) against major fungal diseases of apple, cherry, prunes and peaches.
101. Grant of \$500 from Pennwalt Corporation, Bryan, Texas, to be used under the direction of J. M. Vargas, Jr. in the Department of Botany and Plant Pathology to evaluate Topsin M as a turfgrass fungicide.
102. Grant of \$250 from Pennwalt Corporation, Bryan, Texas, to be used under the direction of H. S. Potter in the Department of Botany and Plant Pathology to evaluate Topsin, a new systemic fungicide, for control of diseases of celery and tomato.
103. Grant of \$500 from Rohm and Haas Company, Philadelphia, Pennsylvania, to be used under the direction of A. L. Jones in the Department of Botany and Plant Pathology to support research on fruit disease control and cooperate in residue determinations for clearing a fungicide for use in Michigan.
104. Grant of \$500 from The Upjohn Company, Kalamazoo, Michigan, to be used under the direction of J. M. Vargas, Jr. in the Department of Botany and Plant Pathology to evaluate Actidione-Thiram and Topsin M for control of Typhula blight.
105. Grant of \$20,400 from the American Chemical Society, Washington, D.C., to be used under the direction of R. Grubbs in the Department of Chemistry for research in the metal catalyzed methathesis reaction.
106. Grant of \$120,000 from the Atomic Energy Commission, Washington, D.C., to be used under the direction of W. C. McHarris and F. Bernthal in the Department of Chemistry for general nuclear chemistry research program combining conventional nuclear spectroscopic techniques with on-line spectroscopy and nuclear reactions.
107. Grant of \$30,200 from the Atomic Energy Commission, Washington, D.C., to be used under the direction of H. A. Eick in the Department of Chemistry for an investigation of some lanthanide boron, carbon, nitrogen, silicon, chalcogenide and halide systems at elevated temperatures.
108. Grant of \$78,000 from the National Science Foundation, Washington, D.C., to be used under the direction of G. E. Leroi in the Department of Chemistry for spectroscopic studies of small molecules.
109. Grant of \$57,600 from the National Science Foundation, Washington, D.C., to be used under the direction of H. Hart in the Department of Chemistry for chemistry of some highly substituted compounds.
110. Grant of \$50,000 from the National Science Foundation, Washington, D.C., to be used under the direction of S. R. Crouch in the Department of Chemistry for fast kinetic studies of analytical systems.
111. Grant of \$39,500 from the National Science Foundation, Washington, D.C., to be used under the direction of M. T. Rogers in the Department of Chemistry for ESR studies of chemical bonding in transition metal complexes.

B. GIFTS AND GRANTS, continued

June 23, 1972

Gifts and
Grants

112. Grant of \$32,400 from the National Science Foundation, Washington, D.C., to be used under the direction of C. H. Brubaker in the Department of Chemistry for research in organometallic compounds of transition elements.
113. Grant of \$31,000 from the National Science Foundation, Washington, D.C., to be used under the direction of P. J. Wagner in the Department of Chemistry for research in structure-reactivity relationships in ketone photochemistry.
114. Grant of \$10,200 from the National Science Foundation, Washington, D.C., to be used under the direction of R. H. Schwendeman in the Department of Chemistry for studies of molecular structure and rotational relaxation by microwave spectroscopy.
115. Grant of \$5,000 from the National Science Foundation, Washington, D.C., to be used under the direction of G. E. Leroi in the Department of Chemistry for the Future Trends in Vibrational Spectroscopy Conference.
116. Grant of \$16,100 from the Alfred P. Sloan Foundation, New York, New York, to be used under the direction of W. C. McHarris in the Department of Chemistry for general research.
117. Grant of \$750 from Chevron Chemical Company, Richmond, California, to be used under the direction of G. Guyer and A. Wells in the Department of Entomology for evaluation of insecticides.
118. Grant of \$500 from Dow Chemical, Des Plaines, Illinois, to be used under the direction of G. Guyer and A. Wells in the Department of Entomology for evaluation of insecticides.
119. Grant of \$500 from Dow Chemical, Des Plaines, Illinois, to be used under the direction of R. Ruppel in the Department of Entomology for research in sugarbeets.
120. Grant of \$1,500 from Nor-Am, Agricultural Products, Inc., Woodstock, Illinois, to be used under the direction of A. Howitt in the Department of Entomology for insecticides for use on tree fruit.
121. Grant of \$1,000 from Rhodia Inc., Chipman Division, Niles, Michigan, to be used under the direction of A. Howitt in the Department of Entomology for insect control research.
122. Grant of \$4,500 from Shell Development Co., Modesto, California, to be used under the direction of A. Howitt in the Department of Entomology for insecticide research.
123. Grant of \$1,000 from Union Oil Company of California Foundation to be used under the direction of M. M. Miller in the Department of Geology to support the Glaciological and Arctic Environmental Sciences Institute program.
124. Grant of \$6,200 from the National Science Foundation, Washington, D.C., to be used under the direction of E. M. Palmer in the Department of Mathematics for graphical enumeration and its applications.
125. Grant of \$5,000 from the National Science Foundation, Washington, D.C., to be used under the direction of J. H. Shapiro in the Department of Mathematics for research in functional analysis emphasizing the study of complete linear metric spaces which are not locally convex.
126. Grant of \$96,000 from the National Science Foundation, Washington, D.C., to be used under the direction of K. W. Chen and M. Abolins in the Department of Physics for research in inelastic muon scattering and neutron-proton scattering.
127. Grant of \$36,000 from the National Science Foundation, Washington, D.C., to be used under the direction of J. Bass in the Department of Physics for research in electron transport and point defects in metals.
128. Grant of \$21,120 from the National Science Foundation, Washington, D.C., to be used under the direction of W. H. Kelly in the Department of Physics for undergraduate research participation in physics.
129. Grant of \$16,900 from the National Science Foundation, Washington, D.C., to be used under the direction of J. Hannan and D. Gilliland in the Department of Statistics and Probability for approximation to Bayes risk in sequences and sets of decision problems.
130. Grant of \$12,600 from the National Science Foundation, Washington, D.C., to be used under the direction of H. Salehi and V. Mandrekar in the Department of Statistics and Probability for investigation of problems connected with prediction of stochastic processes and their application to physical sciences.
131. Grant of \$1,061,000 from the U.S. Atomic Energy Commission, Washington, D.C., to be used under the direction of A. Lang in the MSU/AEC Plant Research Laboratory for research and training at both the graduate and post-doctoral level in experimental plant biology.

Gifts and
Grants

B. GIFTS AND GRANTS, continued

June 23, 1972

132. Grant of \$1,400 from the Detroit Edison Company, Detroit, Michigan, to be used under the direction of J. R. Brandou in the Science and Mathematics Teaching Center for a special curriculum development workshop for selected teachers on Energy and Environment.
133. Grant of \$5,000 from the Michigan College of Osteopathic Medicine, Board of Trustees, Pontiac, Michigan, to be used under the direction of M. S. Magen in the College of Osteopathic Medicine as an unrestricted grant.
134. Grant of \$2,500 from the Michigan Department of Public Health, Lansing, Michigan, to be used under the direction of D. Coburn in the School of Social Work to establish an assistantship for a graduate student who will assist in developing a training model for workers in alcohol related programs.
135. Grant of \$300 from The Arts Fund, Inc., New York City, New York, to be used under the direction of P. H. Barrett in the Department of Natural Science to explore the feasibility of assembling, abstracting, codifying, and microfilming all known Darwin manuscripts, and preparing a computerized index to the entire set.
136. Grant of \$100 from Lawrence W. Allaben, D.V.M., Sparta, Michigan, to be used under the direction of J. P. Newman in the College of Veterinary Medicine as an unrestricted grant.
137. Grant of \$1,000 from Lilly Research Laboratories, Indianapolis, Indiana, to be used under the direction of C. W. Welsch in the Department of Anatomy to test the effects of certain ergot alkaloids on development of murine mammary tumorigenesis.
138. Grant of \$15 from Gordon Carbonneau, Grand Rapids, Michigan, to be used under the direction of W. F. Keller in the Department of Small Animal Surgery and Medicine to purchase a book for the Veterinary Clinic Library.
139. Grant of \$100 from Marion Goransson, Lambertville, Michigan, to be used under the direction of U. V. Mostosky in the Department of Small Animal Surgery and Medicine as an unrestricted gift in memory of J. S. Goransson.
140. Grant of \$125 from Mid-Michigan Cat Fanciers, East Lansing, Michigan, to be used under the direction of W. F. Keller in the Department of Small Animal Surgery and Medicine for feline research.
141. Grant of \$4,150 from Parke, Davis & Company, Detroit, Michigan, to be used under the direction of G. Flo and W. O. Brinker in the Department of Small Animal Surgery and Medicine for continuation of research for Parke, Davis & Company.
142. Grant of \$10 from Frances T. Rathke, Hinsdale, Illinois, to be used under the direction of U. V. Mostosky in the Department of Small Animal Surgery and Medicine as an unrestricted gift.
143. Grant of \$1,000 from Leitha G. Smith, Ypsilanti, Michigan, to be used under the direction of G. Flo in the Department of Small Animal Surgery and Medicine, for orthopedic research.
144. Grant of \$2,660 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of W. R. Dukelow in the Center for Laboratory Animal Resources for research in control of ovulation and capacitation in the non-human primate.
145. Grant of \$16,320 from the Environmental Protection Agency to be used under the direction of P. O. Fromm in the Department of Physiology for research in toxic effects of water soluble pollutants on freshwater fish.
146. Grant of \$500 from the Michigan Veterinary Medical Association, Holland, Michigan, to be used under the direction of F. H. Oberst in the Department of Large Animal Surgery and Medicine for study and research in the equine.
147. Grant of \$230 from J. R. Burnett, Okemos, Michigan, to be used under the direction of J. R. Burnett in the Continuing Education Service, and the College of Engineering as partial cost of typewriter for the College of Engineering.
148. Grant of \$500 from Historic Memorials Society in Detroit, Grosse Pointe Woods, Michigan, to be used under the direction of A. L. Hunter in the Continuing Education Service for preservation and equipment of the Pewabic Pottery, Detroit.
149. Grant of \$23,000 from the Corporation for Public Broadcasting, Washington, D.C., to be used under the direction of R. Estell in Radio Broadcasting to increase the quality and scope of public radio services available to the mid-Michigan community through WKAR-AM-FM.
150. Grant of \$149,746 from the U.S. Office of Education, Washington, D.C., to be used under the direction of J. R. Nord in the Instructional Media Center for strengthening faculty of developing institutions in design of instruction and use of resources through instructional development procedures.

B. GIFTS AND GRANTS, continued

June 23, 1972

Gifts and Grants

- 151. Grant of \$100 from Stanley Chase to be used under the direction of C. E. Cleland in the Museum for salvage archaeology at Pine River site, Charlevoix, Michigan.
- 152. Grant of \$100 from Richard Georgy to be used under the direction of C. E. Cleland in the Museum for salvage archaeology at Pine River site, Charlevoix, Michigan.
- 153. Grant of \$160 from various donors to be used under the direction of C. E. Cleland in the Museum for salvage archaeology at Pine River site, Charlevoix, Michigan.
- 154. Grant of \$31,225 from the U.S. Public Health Service to be used under the direction of R. D. Schuetz in the Institute of Biology and Medicine to support 7 trainees in the field of medical technology.
- 155. Grant of \$8,440 from the U.S. Public Health Service to be used under the direction of R. D. Schuetz in the Institute of Biology and Medicine to support 2 trainees in the field of medical technology.
- 156. Grant of \$6,620 from The Ford Foundation, New York, New York, to be used under the direction of C. W. Minkel in the School for Advanced Graduate Studies to support a graduate student in the Mathematics Department.
- 157. Grant of \$7,220 from The Ford Foundation, New York, New York, to be used under the direction of C. W. Minkel in the School for Advanced Graduate Studies to support a graduate student in the Department of Counseling, Personnel Services and Educational Psychology.
- 158. Grant of \$4,840 from The Ford Foundation, New York, New York, to be used under the direction of C. W. Minkel in the School for Advanced Graduate Studies to support a graduate student in the Psychology Department.
- 159. Grant of \$4,840 from The Ford Foundation, New York, New York, to be used under the direction of C. W. Minkel in the School for Advanced Graduate Studies to support a graduate student in the Mathematics Department.
- 160. Grant of \$7,826 from The Ford Foundation, New York, New York, to be used under the direction of C. W. Minkel in the School for Advanced Graduate Studies to support a graduate student in the Department of Romance Languages.
- 161. Grant of \$5,344.50 from The Ford Foundation, New York, New York, to be used under the direction of C. W. Minkel in the School for Advanced Graduate Studies to support a graduate student in the Department of Music.
- 162. Grant of \$796.47 from Lecture-Concert Series patrons to be used under the direction of L. Scott, Vice President for University Development, toward the construction of a new fine arts center on the Michigan State University campus.

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

C. BIDS AND CONTRACT AWARDS

Contracts

- 1. The following bids were received on May 9, 1972 for the Steam Generator for the Power Plant 65 Addition:

Steam Generator for Power Plant 65 addition

<u>Manufacturer</u>	<u>Babcock & Wilcox Co.</u>	<u>Combustion Engineering, Inc.</u>	<u>Erie City Div.</u>	<u>Foster Wheeler</u>	<u>Riley Stoker Corp.</u>
Steam Generator D & E	\$3,126,618	\$3,060,472	\$2,680,000	Does not meet spec.	\$3,943,368
Elect Prec 99.8% Eff	Included	167,020	29,855		Included
Terms of Payment Adder	126,950	12,562	0		0
TOTAL	\$3,253,568	\$3,240,054	\$2,709,855		\$3,943,368

The tabulation reflects the base bid for the 350,000 lb/hr. generator delivered and erected, the additional cost quoted for the more efficient electronic precipitator and the finance expense for the delayed payment schedule.

It was the recommendation of Commonwealth Associates and the Physical Plant Division of the University that a contract be awarded for the purchase of the 350,000 lb/hr. steam generator with auxiliaries delivered and erected as offered by Erie City, Energy Division of Zurn Company, at a cost of \$2,709,855 which includes the Research Cottrell Precipitator.

Commonwealth Associates have reviewed and evaluated each unit as to installation expense and operating cost.

Steam Generator
for Power
Plant 65 addition

1. Bids for the Steam Generator for the Power Plant 65 Addition, continued
- It was recommended that the University purchase a performance bond covering this contract.
- Funds will be provided through capital outlay appropriations from the State of Michigan.
- RESOLVED that the contract for the purchase of the steam generator be awarded to the Erie City Division and purchase of a performance bond be approved.

Unanimously approved. Motion by Trustee Carrigan, seconded by Trustee Thompson.

3rd phase of
Fee Hall
conversion

2. The following bids were received on June 1, 1972 for the Third Phase of the Fee Hall Conversion:

General Contractors	Base Bid	Deduct for Separate Contract
Foster-Schermerhorn-Barnes	\$366,967	\$3,500
Haussman Construction Co.	376,650	3,500
Clark Construction Co.	405,000	No change
Mechanical Contractors		
Shaw-Winkler, Inc.	\$250,000	
United Piping & Erecting Co.	256,335	
Dard, Inc.	270,000	
Bosch Plumbing & Heating Co.	270,313	
Electrical Contractors		
Superior Electric, Inc.	\$112,000	
Quality Electric, Inc.	113,190	
Central Electric Motor & Construction Co.	128,700	
Hall Electric, Inc.	135,850	
Hatzel-Buehler, Inc.	140,000	
Lansing Electric Motors Construction, Inc.	168,022	

It was recommended that a single contract be awarded to Foster-Schermerhorn-Barnes, Inc. in the amount of \$728,967, which assigns Shaw-Winkler, Inc. as the mechanical contractor and Superior Electric, Inc. as the electrical contractor.

This constract amount plus engineering, supervision and equipment will be expended from the \$907,319 remaining from the original funds provided for this total project by the State of Michigan.

RESOLVED that the contract for the third phase of the Fee Hall conversion be awarded to Foster-Schermerhorn-Barnes, Inc., as recommended.

Unanimously carried. Motion by Trustee Merriman, seconded by Trustee Thompson.

Rewiring of
Mason-Abbot
Halls

3. The following bids were received on June 8, 1972 for the rewiring of Mason-Abbot Halls:

Contractor	Base Bid
Quality Electric, Inc.	\$ 64,980
Hayes Electric	67,400
Central Electric Motors	68,850
Superior Electric	69,074
Admiral Electric	73,390
Lansing Electric Motors	79,661
Hall Electric	85,650
Barker-Fowler Electric	88,700
Hatzel-Buehler Electric	110,443
Martin Electric	111,000

It was recommended that a contract be awarded to the low bidder, Quality Electric, Inc. in the amount of \$64,980 and that the following budget be approved:

Contract	\$64,980
Contingencies	16,020
Engineering, Supervision, Expediting	4,000
Total expected expenditures	\$85,000

C. BIDS AND CONTRACT AWARDS, continued

June 23, 1972

Contracts

3. Bids for the rewiring of Mason-Abbot Halls, continued

Rewiring of
Mason-Abbot
Halls

This is one of the projects discussed with the Trustees at our annual presentation on the housing operation.

Funds are available in account 21-2863 for this project.

RESOLVED that a contract be awarded to Quality Electric, Inc. and that the recommended budget be approved for the rewiring of Mason-Abbot Halls.

Unanimously approved. Motion by Trustee Merriman, seconded by Trustee Thompson.

4. The following bids were received on June 8, 1972 for waterproof coating and concrete restoration of Parking Ramp No. 1:

Waterproof
coating and
concrete restor-
ation of
Parking Ramp
No. 1

<u>Contractor</u>	<u>Base Bid</u>
Ben T. Young Co.	\$46,100
Wolverine Damp-Proofing Services, Inc.	51,000

It was recommended that a contract be awarded to the Ben T. Young Co. in the amount of \$46,100 and that the following budget be approved:

Contract	\$46,100
Contingencies	2,400
Engineering, Supervision, and Expediting	<u>1,500</u>
Total expected expenditures	\$50,000

Parking funds are available in account 21-3124 to fund this project.

RESOLVED that the contract be awarded to the Ben T. Young Co. and the funding be approved for the waterproof coating and concrete restoration of Parking Ramp No. 1.

Unanimously approved. Motion by Trustee Thompson, seconded by Trustee Huff.

D. OTHER ITEMS FOR ACTION

1. Several amendments to the Bylaws of Academic Governance have been passed by the Academic Council and the Academic Senate. Two amendments (1.2.1. and 1.2.3.) concern the enfranchisement of faculty holding the rank of instructor. Formerly they could not vote on matters external to their academic units. The third amendment (4.3.1.1.) makes regular faculty with the rank of instructor members of the Academic Senate.

Several amend-
ments to
Bylaws of
Academic
Governance
approved

The fourth amendment (5.2.3.6.) modifies the method for replacing students on standing committees, referring the task back to the original appointing body.

The fifth through the eleventh amendments switch the dates of official academic governance business from the calendar year to the academic year. (3.5.3.; 4.7.1.5.3.; 5.2.2.1.; 5.2.4.; 5.2.5.; 6.1.2.; 6.2.2.)

The twelfth through the fifteenth amendments make clear the non-college faculty (e.g., those in Continuing Education, Center for Urban Affairs, Institutional Research etc.) are eligible to serve on the various academic governance bodies.

The sixteenth amendment (4.4.3.8.) clarifies the intent that student representatives-at-large should include women and non-white minority groups.

The text of these amendments is filed in the Secretary's Office and made a part of these minutes.

The administration recommended approval by the Board of these amendments.

RESOLVED that the Board approve the amendments to the Bylaws of Academic Governance.

Approved unanimously. Motion by Trustee Thompson, seconded by Trustee Stevens.

2. Alterations and Improvement Projects

Alterations and
Improvements:

a. Agricultural Engineering Building

Agr. Engr.
Building

During the past several years, several University classrooms in the Agricultural Engineering Building, erected in 1948, have been renovated. Room 116 Agricultural Engineering is a heavily scheduled lecture hall seating 296 students. This year the University should at least make a start toward bringing ventilation, lighting, seating, and acoustics in the room up to current standards.

D. OTHER ITEMS FOR ACTION, continued

June 23, 1972

Alterations
and
Improvements:

2. Alterations and Improvements, continueda. Agricultural Engineering Building, continued

Agr. Engr.Bldg.

It is proposed that such renovation be phased over a two-year period. Phase 1, including new lights and improved ventilation, has been estimated at \$12,000. If approved by the Board of Trustees, the work could be done this summer and funded out of Account No. 11-5313, Classroom Improvements. It is anticipated that the balance of the renovation could be completed during the summer of 1973.

Olds Hall

b. Olds Hall

For the past few years the School of Criminal Justice has been experiencing sharp enrollment increases and it has had to expand its faculty accordingly. There is now a serious lack of office space in the School's Olds Hall quarters but there is the potential to create some out of a large, obsolescent and under-utilized photo lab. At an estimated cost of \$39,800, the School can acquire ten faculty offices, one conference room, and four clerical work stations employing the "office landscape" concept. The project should be undertaken immediately in order to meet a fall quarter deadline.

The College of Social Science has made available \$30,800 from accounts 11-3703, 11-3704, and 11-3705 and that amount has been transferred into the Special Alterations and Improvements account 11-5173, which would fund the balance.

Agriculture
Hall

c. Agriculture Hall

It has been a continuing policy of the Office of Space Utilization to expend a portion of its annual Special Alterations and Improvements appropriation (Account No. 11-5173) for renovation of older University classrooms. Among those identified this year are three in Agriculture Hall: Rooms 212, 301, and 312. Cost of lighting, heating, ceilings, chalkboards, painting, etc., improvements to these rooms has been estimated at \$38,200.

It was recommended that these alterations and improvements be approved.

RESOLVED that the recommended alterations and improvements be approved.

Unanimously approved. Motion by Trustee Carrigan, seconded by Trustee Thompson.

Trustee White asked if there were any plans to relocate the garage and motor pool facilities of the University. Mr. Breslin responded that a facility for the parking and maintenance of the buses and motor pool has been discussed but at the present time there are no funds for such a facility.

Degrees awarded
spring term
1972

3. Recommendation that the appropriate degrees be awarded to those students who according to the records of the Registrar completed the requirements for graduation spring term 1972.

RESOLVED that the degrees be awarded as recommended.

Unanimously approved. Motion by Trustee Merriman, seconded by Trustee Carrigan.

Mich.Dept. of
Commerce
campus trans-
portation
study

4. The Michigan Department of Commerce - Bureau of Transportation - wishes to make a comprehensive study of campus transportation. Specifically, they are interested in investigating the physical, economic, and financial feasibility of automated "people movers" to achieve campus transportation objectives.

The Bureau will provide the technical direction and coordination for the study, which will involve a description of campus facilities and activities, an inventory of present MSU transportation, travel needs, system alternatives, and cost data. MSU will make data available to the Bureau, such as numbers of students, staff, faculty, residential patterns, and ridership on present transportation.

As a part of the feasibility study, the Bureau proposes that a consultant be engaged to do a more detailed engineering study of a portion of a selected campus system, probably in the medical area, so that realistic cost figures for a total system can be determined. The Bureau is anxious to make a study of this type and agrees to commit its resources, both technical and financial, to the implementation of the study. The major commitment of funds will be in the design engineering effort and the University will need to assist in funding this portion of the study to satisfy the statutory requirements for state financial assistance. MSU's share for the study will not exceed \$15,000.

Executive Vice President Breslin recommended that the University cooperate in this study as it is an excellent opportunity to evaluate the campus transportation needs.

RESOLVED that the University cooperate with the Michigan Department of Commerce in the study of campus transportation.

Unanimously approved. Motion by Trustee Stevens, seconded by Trustee Huff.

E. PROGRESS REPORTS

June 23, 1972

1. President Wharton announced that he had distributed to the Trustees a memorandum indicating the referrals which had been made of the Women's Committee report to the key officers in the University for their response. He also reported that he had acceded to the Women's Committee request to make a presentation to the Trustees at the July Board meeting. This has been scheduled for the Thursday evening session.
2. President Wharton announced that the Day Care Center had been the subject of several discussions and meetings between Provost Cantlon, Vice Presidents Nonnamaker and Wilkinson, and various concerned individuals at MSU. He then introduced Mr. Richard Hoehlein, representing the Committee of Concerned Parents, who reviewed at some length the activities of the Day Care Center in the first year of its operation, and outlined the problems the Center is facing at this time. He reported that in order to continue the operation of the Center in 1972-73, it will be necessary to increase fees from \$5.00 per day per child to at least \$6.00 per day per child and to eliminate the infant-toddler unit. He read a petition, signed by over 1,000 married students, requesting financial support from the University for the Day Care Center. An increase in fees, he stated, would further limit the number of families who could afford to use the facility. His group, he said, would not want to limit the Center to providing only custodial service similar to that now provided by unlicensed sitters in married housing apartments. Mr. Hoehlein also pointed out that many women are unable to continue their education at the University because they must stay home to take care of their children or must work to provide money to obtain outside baby sitting service.

Report on
Women's Com-
mittee ReportDay Care
Center

Mr. Hoehlein told the Trustees that an application has been submitted to the Department of Social Services for a grant to train mothers to be qualified baby sitters in their married housing apartments, but the awarding of this grant is contingent upon the continuation of the infant-toddler unit. One of the aims of the Center is to institute an ability to pay fee schedule rather than a set fee charge.

Mr. Hoehlein closed by saying that the Center needs help and with current resources, the only way its budget can be balanced is to increase the daily fee and cut the infant-toddler program.

Mrs. Margaret Parish added that she felt this is a women's issue and that a true belief in equal opportunity would indicate support of the Day Care Center.

A report on the Day Care Center by Provost Cantlon and Vice Presidents Nonnamaker and Wilkinson, which included recommendations for the continued operation of the Center, was read by Provost Cantlon. It was the consensus of these officers that (1) the Center should continue on a self-liquidating basis; and (2) by raising the per diem charge to \$6.00 per child this could be done and the quality and dependability of the day care services would be considerably improved by switching from graduate students to full-time employees. The report also stated that instructional and research clinical laboratories are legitimate expenditures for academic departments and that certain colleges can support the essential programs in the Center for 1972-73 from their regular academic budgets. (A copy of the complete report is filed in the Secretary's Office.)

Trustee Carrigan expressed a wish to have statistics on the number of one-parent families with children in this age range, and statistics on income levels for married students. She suggested consideration of a sliding scale fee based on ability to pay. She also asked for statistics on the number of families whose income would allow them to qualify for subsidies for this, whether all those who are interested have attempted to get and have received subsidies, and how many there are in the middle group who don't qualify for outside subsidies but can't possibly support it on their own.

Trustee Huff asked that the administration explore the possibility of some expansion of the Day Care Center and he also expressed approval of a fee based on ability to pay. But he did not see how the University could at this time fiscally support the program.

Trustee Stevens expressed the hope that the administrators who had been working on this problem would continue to give it attention, and he also hoped that federal assistance might be forthcoming.

Trustee Thompson felt that if State funds were requested for the support of such activities as the Day Care Center, such requests should be appropriately identified.

3. Trustee Thompson read a prepared statement in which he disclaimed any liability which might result from Trustee Huff's appearance before the MSU Anti-Discrimination Judicial Board in the Margaret Yuill case. A complete copy of Mr. Thompson's statement is filed in the Secretary's Office and made a part of these minutes.

Disclaimer
Statement by
Trustee Thompson
re Trustee Huff's
appearance before
Anti-Discrimina-
tion Judicial
Board

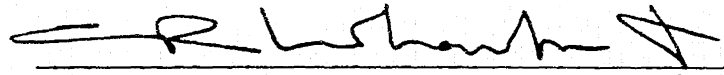
E. PROGRESS REPORTS, continued

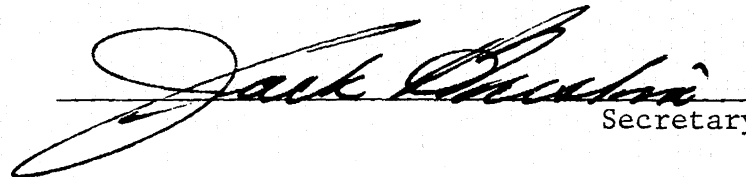
June 23, 1972

3. Disclaimer Statement by Trustee Thompson, continued

Trustee Huff responded that he had not appeared as a witness on behalf of the plaintiff (Professor Yuill), that he had spoken only for himself, and that he was reciting the public policy of the Board. He also submitted, for study by the administration, a proposed addition to Article IV, paragraph D, item 3, of the Anti-Discrimination Policy and Procedures. The full text of Trustee Huff's remarks is filed in the Secretary's Office and made a part of these minutes.

Meeting adjourned at 12:25 p.m.


President


Secretary