

MINUTES OF THE MEETING  
of the  
MICHIGAN STATE UNIVERSITY  
FINANCE COMMITTEE  
October 26, 1973

The following members were present: Trustees Carrigan, Huff, Martin, Merriman, Radcliffe, Stack, Stevens, and Thompson; President Wharton, Executive Vice President and Secretary Breslin, Vice President Wilkinson, Provost Cantlon, Vice Presidents Nonnamaker and Scott, Assistant to the President Ballard, Attorney Carr; also Mr. Joe L. Harris, Administrative Assistant to Vice President Wilkinson.

1. The following investment recommendations were submitted by Scudder, Stevens & Clark:

Investment  
Recommendations

Forest Akers Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend selling:					
124 shs.	Dow Chemical (leaving 200)	\$ 59	\$ 7,316	\$ 124	1.7%
199 shs.	Libby Owens Ford	35	6,965	438	6.3%
220 shs.	Scott Paper (leaving 200)	18	3,960	123	3.1%
Recommend purchasing:					
4,000	Ford Motor Credit Notes due 12-3-73	100	4,000		
200 shs.	Federated Department Stores	44	8,800	216	2.5%
5,000	Southwestern Bell Telephone 7.625% due 10-1-13	100	5,000	381	7.625%

Forest Akers Golf Course Fund

Maturing:					
1,000	Ford Motor Credit Notes due 10-3-73	100	1,000		
Recommend purchasing:					
1,000	Ford Motor Credit Notes due 12-3-73	100	1,000		

Lee J. & Grace Ashley Scholarship Fund

Maturing:					
3,000	Ford Motor Credit Notes due 10-3-73	100	3,000		
Recommend purchasing:					
1,000	Ford Motor Credit Notes due 12-3-73	100	1,000		
40 shs.	First National City Corp.	46	1,840	29	1.6%

Wm. J. & Hannah Baker Endowment Fund

Maturing:					
383,000	Ford Motor Credit Notes due 10-3-73	100	383,000		
Recommend purchasing:					
72,000	Ford Motor Credit Notes due 12-3-73	100	72,000		
120,000	Southwestern Bell Telephone 7.625% due 10-1-13	100	120,000	9,150	7.625%
550 shs.	American Hospital Supply	43	23,650	154	.7%
300 shs.	Sears, Roebuck	97	29,100	483	1.7%
600 shs.	First National City Corp.	46	27,600	432	1.6%
300 shs.	Carnation	87	26,100	264	1.0%
1,000 shs.	Pacific Gas & Electric	28	28,000	1,780	6.4%
200 shs.	Coca Cola	146	29,200	380	1.3%
100 shs.	IBM	260	26,000	448	1.7%

G. J. Bouyoucos Graduate Fellowship

Available Cash

Recommend selling:					
80 shs.	Texas Instruments	121	9,680	45	.5%
Recommend purchasing:					
6,000	Ford Motor Credit Notes due 12-3-73	100	6,000		
100 shs.	Federated Department Stores	44	4,400	108	2.5%

Investment  
Recommendations1. Investment Recommendations, continuedAlbert Case Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Maturing:					
275,000	Ford Motor Credit Notes due 10-3-73	\$ 100	\$ 275,000		
Recommend selling:					
400 shs.	First National Boston	44	17,600	\$ 648	3.7%
450 shs.	Continental Can	26	11,700	720	6.2%
50,000	Richmond, Va., Met. Auth. Express 7% due 1-15-13	112	56,000	3,500	6.2%
556 shs.	Libby Owens Ford	35	19,460	1,223	6.3%
838 shs.	Occidental Petroleum	10	8,380		
Recommend purchasing:					
140,000	Ford Motor Credit Notes due 12-3-73	100	140,000		
400 shs.	Sears, Roebuck	97	38,800	644	1.7%
150 shs.	Federated Department Stores (making 750)	44	6,600	162	2.5%
50,000	Southwestern Bell Telephone 7.625% due 10-1-13	100	50,000	3,813	7.625%
87 shs.	IBM (making 150)	260	22,620	390	1.7%
500 shs.	Carnation	87	43,500	440	1.0%
300 shs.	Coca Cola	146	43,800	570	1.3%
1,500 shs.	Pacific Gas & Electric	28	42,000	2,670	6.4%

Albert H. Case & S. A. Case Fund

Maturing:					
1,000	Ford Motor Credit Notes due 10-3-73	100	1,000		
Recommend selling:					
10,000	U.S. Steel Corp. 4.5% due 4-15-86	78	7,800	450	5.8%
13,176 shs.	Massachusetts Inv. Trust	12	158,112	4,875	3.1%
296 shs.	Libby Owens Ford	35	10,360	651	6.3%
60 shs.	Texas Instruments	121	7,260	34	.5%
200 shs.	Dow Chemical	59	11,800	200	1.7%
Recommend purchasing:					
46,000	Ford Motor Credit Notes due 12-3-73	100	46,000		
300 shs.	Carnation	87	26,100	264	1.0%
300 shs.	Sears, Roebuck	97	29,100	483	1.7%
50,000	Southern Bell Telephone 7.625% due 3-15-13	101	50,500	3,813	7.625%
500 shs.	American Hospital Supply	43	21,500	140	.7%
500 shs.	First National City Corp.	46	23,000	360	1.6%

A. V. Case Memorial Scholarship

Recommend selling:					
60 shs.	Texas Instruments	121	7,260	34	.5%
150 shs.	Dow Chemical	59	8,850	150	1.7%
Recommend purchasing:					
1,000	Ford Motor Credit Notes due 12-3-73	100	1,000		
100 shs.	American Hospital Supply	43	4,300	28	.7%
10,000	Southern Bell Telephone 7.625% due 3-15-13	100	10,000	762	7.625%

Harry L. Conrad Fund

Recommend selling:					
3,500	Bethlehem Steel 4.5% due 1-1-90	74	2,590	158	6.1%
26 shs.	Dow Chemical (lvg. 50)	59	1,534	26	1.7%
137 shs.	Scott Paper	18	2,466	77	3.1%
Recommend purchasing:					
2,000	Southwestern Bell Telephone 7.625% due 10-1-13	100	2,000	152	7.625%
100 shs.	Federated Department Stores	44	4,400	108	2.5%

## Finance Committee Minutes, continued

October 26, 1973

1. Investment Recommendations, continuedInvestment  
RecommendationsConsolidated Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Maturing:					
119,000	Ford Motor Credit Notes due 10-3-37	\$ 100	\$ 119,000		
Recommend selling:					
25,000	U.S. Steel Corp. 4.5% due 4-15-86	78	19,500	\$1,125	4.5%
200 shs.	Texas Instruments	121	24,200	112	.5%
915 shs.	Libby Owens Ford	35	32,025	2,013	6.3%
600 shs.	Dow Chemical	59	35,400	600	1.7%
1,470 shs.	Scott Paper	18	26,460	823	3.1%
800 shs.	First National Boston	44	35,200	1,296	
Recommend purchasing:					
111,000	Ford Motor Credit Notes due 12-3-73	100	111,000		
75,000	Southwestern Bell Telephone 7.625% due 10-1-13	100	75,000	5,719	7.625%
550 shs.	Sears, Roebuck	97	53,350	885	1.7%
600 shs.	Carnation	87	52,200	528	1.0%

Damm & Whalen Scholarship Fund

Recommend selling:					
297 shs.	Libby Owens Ford	35	10,395	653	6.3%
100 shs.	Dow Chemical	59	5,900	100	1.7%
Recommend purchasing:					
6,000	Ford Motor Credit Notes due 12-3-73	100	6,000		
10,000	Southern Bell Telephone 7.625% due 3-15-13	100	10,000	762	7.625%

Jack B. Fields Memorial Fund

Maturing:					
18,000	Ford Motor Credit Notes due 10-3-73	100	18,000		
Recommend selling:					
45 shs.	Libby Owens Ford	35	1,575	99	6.3%
Recommend purchasing:					
10,000	Ford Motor Credit Notes due 12-3-73	100	10,000		
100 shs.	American Hospital Supply	43	4,300	28	.7%
50 shs.	Sears, Roebuck	97	4,850	81	1.7%

P. E. Geldhop Engineering Fund

Recommend selling:					
936 shs.	Whirlpool	33	30,888	543	1.8%
Recommend purchasing:					
7,000	Ford Motor Credit Notes due 12-3-73	100	7,000		
100 shs.	First National City Corp.	46	4,600	72	1.6%
100 shs.	American Hospital Supply	43	4,300	28	.7%
50 shs.	Carnation	87	4,350	44	1.0%
50 shs.	Sears, Roebuck	97	4,850	58	1.7%
5,000	Southern Bell Telephone 7.625% due 3-15-13	100	5,000	381	7.625%

Genevieve Gillette Fund

Maturing:					
23,000	Ford Motor Credit Notes due 10-3-73	100	23,000		
Recommend purchasing:					
13,000	Ford Motor Credit Notes due 12-3-73	100	13,000		
200 shs.	Pacific Gas & Electric	28	5,600	356	6.4%
100 shs.	Federated Department Stores	44	4,400	108	2.5%

Investment  
Recommendations1. Investment Recommendations, continuedJohn A. Hannah Professorship

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Maturing:					
255,000	Ford Motor Credit Notes due 10-3-73	\$ 100	\$ 255,000		
Recommend selling:					
65,000	Celanese Corp. 4% due 4-1-90	64	41,600	\$2,600	6.25%
1,200 shs.	First National Boston Corp.	44	52,800	1,944	3.7%
120 shs.	Texas Instruments (lv. 300)	121	14,520	67	.5%
1,500 shs.	Libby Owens Ford	35	52,500	3,300	6.3%
2,280 shs.	Scott Paper (lv. 2,000)	18	41,040	1,277	3.1%
460 shs.	Dow Chemical (lv. 1,000)	59	27,140	460	1.7%
Recommend purchasing:					
212,000	Ford Motor Credit Notes due 12-3-73	100	212,000		
300 shs.	Coca Cola (making 425)	146	43,800	570	1.3%
700 shs.	Sears, Roebuck	97	67,900	1,127	1.7%
700 shs.	Carnation	87	60,900	616	1.0%
100,000	Southern Bell Telephone 7.625% due 3-15-13	100	100,000	7,625	7.625%

Insurance Fund

Maturing:					
3,000	Ford Motor Credit Notes due 10-3-73	100	3,000		
Recommend selling:					
30,000	U.S. Steel Corp. 4.5% due 4-15-86	78	23,400	1,350	5.8%
25,000	Bethlehem Steel 4.500% due 1-1-90	74	18,500	1,125	6.0%
25,000	Chase Manhattan Bank Notes 4.6% due 6-1-90	77	19,250	1,150	6.0%
25,000	Celanese Corporation Conv. Debs. 4% due 4-1-90	64	16,000	1,000	6.2%
400 shs.	First National Boston Corp.	44	17,600	648	3.7%
120 shs.	Texas Instruments (lv. 200)	121	14,520	67	.5%
980 shs.	Scott Paper (lv. 1,150)	18	17,640	549	3.0%
100 shs.	Dow Chemical (lv. 424)	59	5,900	100	1.7%
	Available Cash		900		
Recommend purchasing:					
14,000	Ford Motor Credit Notes due 12-3-73	100	14,000		
400 shs.	American Hospital Supply	43	17,200	112	.7%
200 shs.	Carnation	87	17,400	176	1.0%
200 shs.	Sears, Roebuck	97	19,400	322	1.7%
400 shs.	First National City	46	18,400	288	1.6%
50,000	Southern Bell Telephone 7.625% due 3-15-13	100	50,000	3,812	7.625%

Jenison Fund

Maturing:					
87,000	Ford Motor Credit Notes due 10-3-73	100	87,000		
Recommend selling:					
1,000 shs.	First National Boston	44	44,000	1,620	3.7%
150 shs.	Texas Instruments (lv. 300)	121	18,150	84	.5%
1,100 shs.	Scott Paper (lv. 1,645)	18	19,800	616	3.0%
400 shs.	Dow Chemical (lv. 1,000)	59	23,600	400	1.7%
400 shs.	Libby Owens Ford	35	14,000	880	6.3%
	Available Cash		400		
Recommend purchasing:					
85,000	Ford Motor Credit Notes due 12-3-73	100	85,000		
800 shs.	First National City Corp.	46	36,800	576	1.6%
400 shs.	Carnation	87	34,800	352	1.0%
800 shs.	Federated Department Stores	44	35,200	864	2.5%
15,000	Southern Bell Telephone 7.625% due 3-15-13	100	15,000	1,144	7.625%

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1. Investment Recommendations, continuedInvestment  
RecommendationsH. W. Klare & E. A. Klare Trust Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Maturing:					
66,000	Ford Motor Credit Notes due 10-3-73	\$ 100	\$ 66,000		
Recommend selling:					
100 shs.	Texas Instruments (lv. 300)	121	12,100	\$ 56	.5%
200 shs.	Dow Chemical (lv. 400)	59	11,800	200	1.7%
1,100 shs.	Scott Paper (lv. 1,000)	18	19,800	616	3.1%
300 shs.	First National Boston Corp.	44	13,200	486	3.7%
	Available Cash		400		
Recommend purchasing:					
78,000	Ford Motor Credit Notes due 12-3-73	100	78,000		
400 shs.	American Hospital Supply	43	17,200	112	.7%
400 shs.	Federated Department Stores	44	17,600	432	2.5%
10,000	Southern Bell Telephone 7.625% due 3-15-13	100	10,000	762	7.625%

Drury L. Porter Fund

Available Cash			300		
Recommend selling:					
110 shs.	Scott Paper	18	1,980	62	3.0%
Recommend purchasing:					
2,000	Ford Motor Credit Notes due 12-3-73	100	2,000		

Rackham Fund

Maturing:					
16,000	Ford Motor Credit Notes due 10-3-73	100	16,000		
Recommend selling:					
880 shs.	Scott Paper	18	15,840	493	3.0%
Available Cash			200		
Recommend purchasing:					
16,000	Ford Motor Credit Notes due 12-3-73	100	16,000		
100 shs.	Carnation	87	8,700	88	1.0%
150 shs.	First National City	46	6,900	108	1.6%

Rackham Trust Reserve

Maturing:					
7,000	Ford Motor Credit Notes due 10-3-73	100	7,000		
Available Cash			1,000		
Recommend purchasing:					
8,000	Ford Motor Credit Notes due 12-3-73	100	8,000		

Investment  
Recommendations1. Investment Recommendations, continuedRetirement Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Maturing:					
741,000	Ford Motor Credit Notes due 10-3-73	\$ 100	\$ 741,000		
Recommend selling:					
100,000	HFC 4.875% due 1-1-81	73	73,000	\$4,875	6.7%
49,000	Aluminum Co. of America 4.250% due 1-1-82	83	40,670	2,083	5.1%
150,000	U.S. Steel Corp. 4.500% due 4-15-86	78	117,000	6,750	5.8%
100,000	Union Oil of California 4.875% due 6-1-86	80	80,000	4,875	6.0%
36,500	International Harvester 4.625% due 3-1-88	76	27,740	1,688	6.0%
100,000	Bethlehem Steel 4.5% due 1-1-90	74	74,000	4,500	6.0%
100,000	Chase Manhattan Bank Notes 4.6% due 6-1-90	77	77,000	4,600	6.0%
7,800 shs.	First National Boston	44	343,200	12,636	3.7%
1,500 shs.	Texas Instruments (lv. 3,500)	121	181,500	840	.5%
6,000 shs.	Dow Chemical (lv. 12,000)	59	354,000	6,000	1.7%
6,400 shs.	Libby Owens Ford	35	224,000	14,080	6.3%
18,273 shs.	Scott Paper (lv. 14,800)	18	328,914	10,233	3.1%
Recommend purchasing:					
834,000	Ford Motor Credit Notes due 12-3-73	100	834,000		
300,000	Southern Bell Telephone 7.625% due 3-15-13	100	300,000	22,875	7.625%
300,000	Southwestern Bell Telephone 7.625% due 10-1-13	100	300,000	22,875	7.625%
3,000 shs.	American Hospital Supply (making 8,000)	43	129,000	840	.7%
5,000 shs.	Carnation	87	435,000	4,400	1.0%
4,000 shs.	First National City Corp. (making 12,000)	46	184,000	2,880	1.6%
6,000 shs.	Eli Lilly	80	480,000	4,920	1.0%

Fred T. Russ

Maturing:					
4,000	Ford Motor Credit Notes due 10-3-73	100	4,000		
Recommend selling:					
280 shs.	First National Boston Corp.	44	12,320	454	3.7%
50 shs.	Texas Instruments (lv. 120)	121	6,050	28	.5%
300 shs.	Scott Paper (lv. 300)	18	5,400	168	3.1%
148 shs.	Libby Owens Ford	35	5,180	326	6.3%
Recommend purchasing:					
10,000	Ford Motor Credit Notes due 12-3-73	100	10,000		
200 shs.	American Hospital Supply	43	8,600	56	.7%
100 shs.	Carnation	87	8,700	88	1.0%
5,000	Southern Bell Telephone 7.625% due 3-15-13	100	5,000	381	7.625%

F. A. & E. G. Simonsen Scholarship Fund

Maturing:					
1,000	Ford Motor Credit Notes due 10-3-73	100	1,000		
Recommend selling:					
200 shs.	First National Boston	44	8,800	324	3.7%
30 shs.	Texas Instruments (lv. 80)	121	3,630	17	.5%
118 shs.	Libby Owens Ford	35	4,130	260	6.3%
Recommend purchasing:					
3,000	Ford Motor Credit Notes due 12-3-73	100	3,000		
100 shs.	American Hospital Supply	43	4,300	28	.7%
50 shs.	Carnation	87	4,350	44	1.0%
5,000	Southern Bell Telephone 7.625% due 3-15-13	100	5,000	381	7.625%

October 26, 1973

1. Investment Recommendations, continuedInvestment  
RecommendationsSkinner Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Maturing:					
10,000	Ford Motor Credit Notes due 10-3-73	\$ 100	\$ 10,000		
Recommend selling:					
30 shs.	Texas Instruments (lvg. 70)	121	3,630	\$ 17	.5%
100 shs.	Dow Chemical (lvg. 210)	59	5,900	100	1.7%
264 shs.	Libby Owens Ford	35	9,240	581	6.3%
Recommend purchasing:					
8,000	Ford Motor Credit Notes due 12-3-73	100	8,000		
150 shs.	American Hospital Supply	43	6,450	42	.7%
Up to					
110 shs.	First National City Corp.	46	5,060	79	1.6%
50 shs.	Carnation	87	4,350	44	1.0%
50 shs.	Sears, Roebuck	97	4,850	90	1.7%

White Motor Fund

Maturing:					
6,000	Ford Motor Credit Notes due 10-3-73	100	6,000		
Recommend selling:					
150 shs.	Scott Paper	18	2,700	84	3.1%
Recommend purchasing:					
8,000	Ford Motor Credit Notes due 12-3-73	100	8,000		

Dorothy K. Widick Scholarship

Recommend selling:					
800 shs.	American Hospital Supply (leaving 200)	43	34,400	224	.7%
Recommend purchasing:					
8,000	Ford Motor Credit Notes due 12-3-73	100	8,000		
8,000	Southwestern Bell Telephone 7.625% due 10-1-13	100	8,000	610	7.625%
200 shs.	First National City Corp.	46	9,200	144	1.6%
200 shs.	Federated Department Stores	44	8,800	216	2.5%

Ivan Wright Fund

Recommend selling:					
610.160 shs.	Selected American Shares	9	5,491	159	2.8%
40 shs.	Dow Chemical (lvg. 108)	59	2,360	40	1.7%
100 shs.	Southern Pacific	33	3,300	216	6.5%
Recommend purchasing:					
2,000	Ford Motor Credit Notes due 12-3-73	100	2,000		
100 shs.	Federated Department Stores	44	4,400	108	2.5%
100 shs.	First National City Corp.	46	4,600	72	1.6%

Ivan Wright Life Income Fund

Maturing:					
1,000	Ford Motor Credit Notes due 10-3-73	100	1,000		
Recommend purchasing:					
1,000	Ford Motor Credit Notes due 12-3-73	100	1,000		

Investment  
Recommendations

1. Investment Recommendations, continued

Ivan & Jean Wright Beneficiary Fund

<u>Amount</u>	<u>Security</u>	<u>Approx. Price</u>	<u>Principal</u>	<u>Income</u>	<u>Yield</u>
Recommend selling:					
823 shs.	Aro	\$ 15	\$ 12,345	\$ 741	6.0%
Recommend purchasing:					
3,000	Ford Motor Credit Notes due 13-3-73	100	3,000		
100 shs.	Federated Department Stores	44	4,400	108	2.5%
100 shs.	American Hospital Supply	43	4,300	28	.7%

Due to the size of this investment recommendation and the concern about current market conditions, it was the decision of the Investment Committee to place this item on the agenda for full Trustee consideration rather than to follow the established committee procedures.

It was the recommendation of the Investment Committee that the recommendations of Scudder, Stevens & Clark be approved with the following changes: that the recommendation in Carnation be reduced to purchase one-half the number of shares, or 4,175 shares; that the recommendation in the William J. and Hannah Baker Fund be placed in Commercial Paper; and that the recommendation in the Ivan and Jean Wright Beneficiary Fund be placed in Commercial Paper pending a future recommendation by the investment counsel to increase the income yield.

Trustee Huff requested that the Investment Committee again review the recommendation of Sears, Roebuck. After further consideration by the Investment Committee, it was decided to accept the recommendation of Sears, Roebuck.

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

Sale of  
Hickory Tele-  
phone Co. stock  
approved

2. The University holds an investment of 150 shares of Hickory Telephone Company stock. This company is going through a reorganization and has been purchased by Telephone and Data Systems, Inc., which owns over 50% of the stock. Recently, the University received an offer to purchase its stock at \$65.00 per share. Book value of the present stock is \$3.33 per share.

In consultation with Dr. George H. Lauff, Director of the W. K. Kellogg Biological Station, the Investment Committee directed the Ann Arbor Trust Company to sell 100 shares of stock at the offer price, holding the remaining 50 shares in order to take part in future stockholder meetings.

RESOLVED that the above Investment Committee report be accepted.

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

Policy for  
administration  
of bond port-  
folio approved

3. Timing is of critical importance in administering bond holding investments of any institution. It is necessary to take advantage of the many abberations which occur in the market where small price changes have a substantial bearing on the attractiveness of any transaction. It has been recommended by Scudder, Stevens & Clark that we establish a procedure for the management of the University's holdings which would permit changes to be made with a minimum of delay.

It is recommended that Scudder, Stevens & Clark receive discretionary authority for the management of the University's bond portfolio subject to the following procedures and restraints:

Brokerage and Order Placing - Scudder, Stevens & Clark would arrange portfolio improvements through those bond dealers offering the best competitive price. Upon completion of the transaction they would promptly provide the custodian (Ann Arbor Trust Company) with all necessary information concerning securities purchased or sold. They would also instruct the bond dealer to provide appropriate individuals with brokerage confirmations.

Client Letter - Scudder, Stevens & Clark following normal procedure would advise the Investment Committee of all changes arranged for and the reasons involved.

Quality - Without the specific approval of the Investment Committee, they would be prohibited from purchasing fixed-income securities rated below AA by either Moody's or Standard & Poor's. They would apply this same guideline for bank credits and would rely on the Fitch ratings.

Maximum Commitment Size - Without the specific approval of the Investment Committee, Scudder, Stevens & Clark would not arrange for specific issue purchases in excess of \$750,000.

RESOLVED that the above policy be approved for the administration of the University's bond portfolio.

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



4. The Trustees discussed their role in the establishment of investment policies and the administration of the investment program which includes the following functions:

Investment goals and procedures to be reviewed by V.P. Wilkinson

The Board of Trustees, upon recommendation by the President,

- (1) Is responsible for engaging the investment counsel.
- (2) Approves the investment objectives of the University. This may include the grouping of funds with similar objectives into subgroups and establishing goals such as a total return concept, a guaranteed return concept, or a balanced return grouping. Currently, the Trustees have approved investment procedures and policies but have not formally approved the investment objectives of various fund groups.
- (3) Establishes the procedures for implementation of the investment objectives. In establishing these procedures, a decision must be made as to the latitude in the administration of the investment program given by the Trustees to the investment counsel. A large number of institutions allow their investment counsel complete discretionary authority to act within previously established objectives. Others use various methods which may restrict the actions of the investment counsel. The procedures established for Michigan State University require that the investment counsel receive the approval of its actions by the Investment Committee with the concurrence of any three members of the Board of Trustees.

President Wharton pointed out that experience with the new procedures to date has revealed two major weaknesses. First, the Board has never clearly stated its investment objectives for the various funds. Second, the Board at times reverses the recommendations of investment counsel, yet ultimately holds the counsel responsible for the adequacy or inadequacy of investment performance.\*

Motion was made by Trustee Huff, seconded by Trustee Carrigan, that Vice President Wilkinson review the goals, delineate them more clearly and present to the Trustees a recommendation for their implementation. Unanimously carried.

5. It was the recommendation of Trustees Thompson and Martin, who comprise the Trustee Audit Committee, that the firm of Ernst & Ernst be engaged to conduct the University audit for the fiscal year ending June 30, 1974. In response to a question as to whether Ernst & Ernst would be able to alert the Trustees to any procedures which might be challenged by the State Auditor's Office the next time they audit the University, Vice President Wilkinson responded that they could not since the purposes of the two audits are different. President Wharton added that the University's staff could more easily and quickly point out the areas of disagreement with the Auditor General's Office. Trustee Stack suggested that at the time the Auditor General's preliminary report is discussed with University administrators two of the Trustees also attend this discussion.

Ernst & Ernst to conduct 1973-74 audit; 2 Trustees to attend discussion of preliminary report of next Auditor General's audit

On motion by Trustee Thompson, seconded by Trustee Carrigan, it was unanimously voted to approve the appointment of Ernst & Ernst as the University auditors for the fiscal year ending June 30, 1974.

6. The Awards Committee of the Executive Board of the MSU Alumni Association has nominated the following candidates to receive Honorary Alumni Awards at the homecoming banquet on Friday, November 2, 1973:

Fred W. Stabley, Jens K. Touborg, Mrs. Clifton R. Wharton, Jr. to receive Hon. Alumni Awards

Mr. Fred W. Stabley, Assistant Professor, Sports Editor, Department of Information Services, Michigan State University. Mr. Stabley is completing twenty-five years of loyal service to MSU and is recognized as a leader in his field.

Mr. Jens K. Touborg, Tecumseh, Michigan, who has been a long-time friend and benefactor of the museum.

Mrs. Clifton R. Wharton, Jr., wife of the President of the University, who has been successfully involved in a number of campus programs and projects.

RESOLVED that the Honary Alumni Awards be awarded at the homecoming banquet November 2, 1973 as recommended.

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

7. Executive Vice President Breslin requested the approval of the Trustees of an appropriation of \$40,000 for the funding of three positions in the Office of Space Utilization and the Office of the University Architect. These positions are necessary if the University is to provide the State budget office with the required information to support the University capital outlay request.

\$40,000 appropriation for 3 positions in Space Util. and Univ. Architect approved

RESOLVED that the appropriation of \$40,000 for the Office of the Executive Vice President be approved as requested.

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

\*It was agreed at the November 16, 1973 Board meeting that the last sentence of this paragraph would be deleted from the minutes. (Page 7974)

Student Publications Fee Subcommittee Progress Report

8. The Student Publications Fee Subcommittee had distributed to the Trustees an update on activities of the subcommittee. The proposal being developed would allow ASMSU and COGS to initiate a referendum to recall or alter the State News fee and to establish a publications fee which could be allocated through a committee. The subcommittee will continue to meet with appropriate student groups and prepare a proposal for Trustee consideration.

9. Information Items

Response to Governor's Office re School of Optometry

- A. President Wharton distributed copies of a letter he had received from the Governor's Principal Advisor on Health and Medical Affairs in regard to the University's interest in a School of Optometry. The University's response to a similar letter received earlier from the State Board of Education, while not very encouraging, did support the need for such a school. It was agreed that President Wharton should inform the Governor's Office that MSU would provide an expert to participate in the proposed study but that MSU would give higher priority to schools of law and dentistry.

Report re Clinical Sci. Bldg. bids

- B. Executive Vice President Breslin reported that bids taken October 17 on the Clinical Sciences Building were almost \$4,000,000 over the estimated budget. Federal authorities have indicated that they would consider reducing the size of the building with no reduction of grant funds if the University will give assurance that existing facilities are available to carry out the intended programs. Representatives of the State Appropriations Committees insist that the University make every effort to retain the total Federal grant and they have indicated that an additional State appropriation might be considered.

It was recommended that the University negotiate with the low bidders in an attempt to achieve significant cost reductions and then ask the legislature for any additional dollars that are needed.

It is hoped that a revised budget can be submitted to the Trustees for approval at the November Board meeting.

On motion by Trustee Huff, seconded by Trustee Carrigan, it was unanimously voted to approve this recommendation.

Changes in Alumni Assoc. Bylaws

- C. President Wharton asked Mr. Leslie Scott, Vice President for University Development, to bring the Board of Trustees up to date on some concerns the central administration has concerning the future role of the Alumni Association.

Vice President Scott reported that the by-laws of the MSU Alumni Association were, according to Jack Kinney's interpretation, revised at the February 28, 1971 meeting of the Alumni Executive Board. On February 17, 1973 Charles McCallum of the Alumni Association staff submitted a proposed revision of the by-laws. On February 20, Mr. Scott advised Jack Kinney by letter and a marked-up copy of the by-laws of the administration's objections to several of the proposed changes. In a subsequent meeting in late February with Jack Kinney, Mr. Scott discussed the objections but Mr. Kinney advised that it was too late -- that the by-laws were amended two years earlier. The revised by-laws were then distributed in July but, as indicated on the copy provided to the Trustees, were shown as revised March 30, 1973.

These by-law changes significantly affect the total University-Alumni Association relationship in three major areas.

- (1) On page 21, Section 7.1. Purpose and Responsibilities. "The University Board of Trustees has designated the Association's Development Fund as the University's official fund-raising agency for soliciting and obtaining gifts and grants of all kinds from all private sources, including (a) alumni and non-alumni friends; (b) religious groups; (c) corporations and business concerns; (d) associations, societies, unions, and fund-raising organizations; and (e) private, family, community, business, and general welfare foundations."

The original by-laws stated that the Alumni Association would seek to maximize alumni contributions within parameters established jointly by the Association and the University. This has now been broadened as the Association has now appointed itself as the official fund raising agency of the University from all private sources.

- (2) On page 31, Section 9.4. Responsibility and Liability for Operations. "It is a policy of the Board of Trustees of Michigan State University that this Alumni Association shall pay a share of its administrative and operating expense from its gross unrestricted Development Fund revenues, and from dues income. Accordingly, the Association and the University's Board of Trustees will from time to time reach and maintain agreement on an appropriate division of liability and responsibility between the Association and the University for the Association's operating and administrative expenses, including the compensation, employee benefits and reimbursed expenses paid to its employees. Such agreement will be evidenced in writing for defined periods of time, and attested by the Executive Board for the Association, and by responsible officials and agencies on behalf of the University and its Board of Trustees. Such agreement will be reviewed and renewed at least annually, and prior to the Executive Board's consideration and approval of the Association's official operating budget for any ensuing fiscal year."

9. Information Items, continuedC. MSU Alumni Association, continuedChanges in  
Alumni Assoc.  
Bylaws, cont.

This change permits the Alumni Association to use a share of the unrestricted dollars contributed to Michigan State University as a part of their budget. In 1972-73, this amounted to almost \$100,000 without prior Trustee approval.

- (3) The third major change is on page 15, Section 5.2. Directors - Number and Term. "The number of Executive Board Directors constituting the whole Board shall not exceed sixteen (16) regular Directors and one (1) continuing Director, who is the Association's Executive Director. The whole Board shall also include, as non-voting ex-officio members, the University's President, the Vice President for Development, and the General Chairman and Vice Chairman of the Development Council."

In this instance, the changes removed the University Vice President for Business and Finance as an ex-officio member, substituted the Vice President for University Development for the Executive Vice President as an ex-officio member, and removed all ex-officio members' voting privileges. Similarly, the voting rights of the Chairman and Vice Chairman of the Development Council were also eliminated.

Consequently, if these by-laws changes are now in effect the University has no vote on the Alumni Executive Board.

It should be noted that in Article V. 5.1.e. that the Trustees are to be notified of any by-law changes. To Mr. Scott's knowledge, this had not been done prior to this meeting.

Several of the Trustees felt these changes were totally unacceptable as long as the University is contributing to the operation of the Alumni Association.

It was suggested that the Trustees approve a motion objecting to these changes and stating the Board's preference for an integrated relationship with the Alumni Association. Should the Alumni Executive Board reject an integrated and cooperative working relationship, then the Board of Trustees would have no other option than to consider the possibility of revoking the Alumni Association charter as well as the withholding of financial support to the Association until other arrangements satisfactory to the Board of Trustees and the alumni can be worked out. Trustee Huff so moved, Trustee Carrigan supported the motion, and it was unanimously approved.

In further discussion on this subject, certain members of the Board stated they felt the arrangement whereby Mr. Kinney is both the Chairman and the Executive Director of the Alumni Executive Board is inappropriate.

- D. Executive Vice President Breslin introduced Milton Baron, Director of Campus Park and Planning, who reviewed for the Board a request from the Ingham County Road Commission to:

Discussion re  
plans for  
changes in  
Kalamazoo St.  
and Red Cedar  
River

- (1) Widen Kalamazoo Road from Clippert Street in Lansing east to the entrance of University Village from its present two lanes to four lanes;
- (2) Relocate the Kalamazoo bridge 200 feet east of its present location; widen from two to four lanes; and relocate a portion of the Red Cedar River bed.

The project has been proposed by the Ingham County Road Commission in an effort to improve the Kalamazoo Street road and to alleviate the flooding of the road during the spring of the year. Further traffic studies indicate that the widening of this road will be needed in the near future. The cost of the project is estimated at approximately \$700,000. The University involvement deals with the granting of additional land for the four-lane road as well as allowing a portion of the river bed to be relocated.

The President indicated this matter was presented to the Board at this time for information only. The Building, Lands and Planning Committee does plan to have an open hearing on the project. The President further indicated that after hearings by the various committees on the campus, the administration would then have a recommendation for the Board.

Adjourned at 10:17 a.m.

MINUTES OF THE MEETING  
of the  
MICHIGAN STATE UNIVERSITY  
BOARD OF TRUSTEES  
October 26, 1973

Present: Trustees Carrigan, Huff, Martin, Merriman, Radcliffe, Stack, Stevens, and Thompson; 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 10:36 a.m. - President Wharton presiding.

1. Motion was made by Trustee Carrigan, seconded by Trustee Thompson, and unanimously approved to adopt the agenda.
2. Motion was made by Trustee Thompson, seconded by Trustee Radcliffe, to approve the minutes of the September 21 Board meeting. Unanimously carried.
3. On motion by Trustee Martin, seconded by Trustee Merriman, it was unanimously voted to accept the minutes of the Finance Committee meeting.

A. PERSONNEL CHANGES

Resignations

Resignations

1. David O. Pratt, 4-H Youth Agent, Mecosta and Osceola Counties, effective September 30, 1973, to attend graduate school at Central Michigan University.
2. Han San Ku, Research Associate, Biochemistry, effective September 15, 1973, to accept an industrial position.
3. Alan Tsai, Research Associate, Food Science & Human Nutrition, effective September 17, 1973 to accept a position at the University of Michigan.
4. Julia Palacios, Professor, Romance Languages, effective August 31, 1973.
5. Patrick J. Toole, Assistant Professor, Management, effective August 31, 1973 to take a position at another university.
6. Frank D. Borsenik, Professor, Hotel, Restaurant, and Institutional Management, effective December 31, 1973 to accept a position with a major trade association.
7. Ralph K. Ryder, Assistant Professor and Director, MSU Elementary Intern Program - Grand Rapids, Elementary and Special Education, effective September 30, 1973 to accept the school superintendency in Greenville, Maine.
8. William J. Price, Assistant Professor, Student Teaching, effective August 31, 1973 to accept a different position at a much higher salary.
9. Peter P. Murk, Assistant Professor, Mott Institute for Community Improvement, effective October 31, 1973 to accept a position at Ball State University.
10. Ilija Todorovic, Visiting Assistant Professor, Electrical Engineering & Systems Science, effective September 30, 1973 to return to Belgrade.
11. Approved the cancellation of the appointment of Constance Person, Instructor, Institute of Family and Child Study, effective September 1, 1973 through July 31, 1974.
12. Darlene D. Martenson, Assistant Clinical Professor, Medicine, effective August 31, 1973.
13. James E. Baker, Associate Clinical Professor, Psychiatry, effective October 1, 1973 due to reassignment to another V.A. hospital in Brockton, Mass.
14. Thomas B. Scullion, Associate Professor, Health Services Education & Research, effective September 30, 1973 to accept other employment.
15. John R. Weeks, Assistant Professor, James Madison, effective August 31, 1974 to seek position more in line with professional and academic interests.
16. Robert Ehrlich, Associate Professor, Geology, effective April 30, 1974 to accept position at University of South Carolina (Columbia).
17. Alex Bacopoulos, Assistant Professor, Mathematics, effective August 31, 1973 to accept position at Montreal University, Canada.
18. Dennis Flint, Research Associate, MSU/AEC Plant Research Laboratory, effective September 30, 1973 to accept other employment.
19. William F. Hanebuth, Research Associate, MSU/AEC Plant Research Laboratory, effective October 15, 1973 to accept a position with the Mobile County Education Association, Mobile, Alabama.

A. PERSONNEL CHANGES, continued

October 26, 1973

Resignations, continued

## Resignations

20. Joseph A. Westwood, Clinical Assistant Professor, Family Medicine, effective September 5, 1973.
21. Richard G. Snyder, Associate Professor, Anthropology, effective June 30, 1973.
22. Maureen Honey, Specialist, Residence Hall Instruction, University College, effective August 31, 1973 to take a fellowship in the Department of English.
23. Mark E. Heerdt, Associate Clinical Professor, Small Animal Surgery and Medicine, effective August 31, 1973 to leave the State.

Leaves -- SabbaticalSabbatical  
Leaves

1. George A. Petrides, Professor, Fisheries & Wildlife, with full pay, effective January 1, 1974 through June 30, 1974 to study in western North America and MSU.
2. Martin J. Bukovac, Professor, Horticulture, with full pay, effective February 15, 1974 through August 14, 1974 to study at Oregon State University.
3. Francis M. Donahue, Professor, Religious Studies, with full pay, effective April 1, 1974 through June 30, 1974 to study in East Lansing.
4. John P. Henderson, Professor, Economics, with full pay, effective April 1, 1974 through June 30, 1974 to study in East Lansing.
5. Donald A. Taylor, Professor and Chairman, Marketing and Transportation Administration, with full pay, effective January 1, 1974 through June 30, 1974 to study at Sao Paulo School of Business Administration.
6. Robert K. Wen, Professor, Civil Engineering, with half pay, effective July 1, 1973 through June 30, 1974 to consult in East Lansing and Ann Arbor.
7. Donald J. Montgomery, Professor, Metallurgy, Mechanics and Materials Science, Division of Engineering Research, and Physics, with half pay, effective September 1, 1974 through August 31, 1975 to study at University of Augsburg, Germany.
8. Albert P. Linnell, Professor and Chairman, Astronomy, with full pay, effective September 1, 1974 through February 28, 1975 to study at Cambridge University, England.
9. Lee M. Sonneborn, Professor, Mathematics, with half pay, effective September 1, 1974 through August 31, 1975 to study in Warwick and Cambridge, England.
10. Harry M. Raulet, Professor, Anthropology, with full pay, effective January 1, 1974 through June 30, 1974 to study in Santo Domingo.
11. Phyllis P. Evans, Associate Professor, Social Work, with full pay, effective April 1, 1974 through June 30, 1974 to study in Europe and British Isles.
12. Albert Karson, Professor, American Thought and Language, with half pay, effective September 1, 1974 through August 31, 1975 to study in Europe, England, Greece, and Scandinavia.

Leaves -- Health

## Health Leaves

1. W. Cameron Meyers, Associate Professor, Journalism, with full pay, effective September 15, 1973 through December 15, 1973.

Leaves -- Other

## Other Leaves

1. Marcellette Williams, Instructor, English, English Language Center, without pay, effective September 1, 1973 through December 31, 1973, to care for her child.
2. Reed Moyer, Professor, Marketing and Transportation Administration, without pay, effective January 1, 1974 through April 30, 1974 to do research at the University of California, Berkeley.
3. Randall P. Harrison, Professor, Communication, without pay, effective January 1, 1974 through December 31, 1974 to study in San Francisco.
4. Gail L. Imig, Program Leader, Family Living Education, without pay, effective October 15, 1973 through December 16, 1973 to care for child.
5. Albert A. Blum, Professor, Labor and Industrial Relations, without pay, effective January 1, 1974 through March 15, 1974 to study in Washington, D.C.
6. Robert E. Runser, Division Librarian, Libraries, with half pay, effective July 1, 1974 through June 30, 1975 to study in U.S., England, and Europe.

Transfers and Changes in AssignmentTransfers and  
Changes in  
Assignment

1. Transfer Judy A. Hindes, Extension Home Economist, from At Large to Genesee and Lapeer Counties effective November 1, 1973.

Judy A. Hindes



A. PERSONNEL CHANGES, continued

October 26, 1973

Transfers and Changes in Assignment, continuedTransfers and  
Changes in  
Assignment

Mary E. Pierce

2. Transfer Mary E. Pierce, Extension Home Economist, from Emmet, Charlevoix and Cheboygan Counties to Marquette and Alger Counties with an increase in salary to \$11,300 per year on a 12-month basis, effective November 1, 1973.

James S. Boyd

3. Dual assignment of James S. Boyd, Professor, to Agricultural Engineering and Human Environment and Design, effective December 1, 1973.

Aaron E.  
Reynolds, Jr.

4. Change the beginning date of appointment of Aaron E. Reynolds, Jr., as Assistant Professor, Food Science and Human Nutrition, from October 1, 1973 to October 15, 1973.

Louis F.  
Wilson

5. Change the assignment for Louis F. Wilson, Assistant Professor, from Forestry and Entomology to Institute of Agricultural Technology, 25% time, at a salary of \$2,000 for the period September 1, 1973 through December 31, 1973.

Stephen N. Judy

6. Change Stephen N. Judy, Associate Professor, from English and Humanities Teaching Institute to English, only, effective September 1, 1973.

Edgar E.  
Knoebel

7. Dual assignment of Edgar E. Knoebel, Professor, to Humanities and History, effective January 1, 1974 through August 31, 1974.

Robert T.  
Zwinoira

8. Change Robert T. Zwinoira, Instructor, History, from 67% time at a salary of \$7,000 for the period September 1, 1973 through June 30, 1974, to 70% time at a salary of \$7,350 for the period September 1, 1973 through June 30, 1974.

V. P.  
Sreedharan

9. Dual assignment of V. P. Sreedharan, Professor, to Mathematics and Management effective September 1, 1973 through December 31, 1973.

Lawrence E.  
Sarbaugh

10. Designation of Lawrence E. Sarbaugh, Associate Professor and Assistant Dean for Continuing Education, College of Communication Arts, as Acting Dean, College of Communication Arts, effective October 1, 1973 through December 31, 1973.

David J. Dwyer

11. Change David J. Dwyer, Assistant Professor, from Anthropology; Linguistics and Oriental and African Languages, 75% time at a salary of \$9,000 per year, to Anthropology; Linguistics and Oriental and African Languages; Audiology and Speech Sciences; and Dean of Communication Arts, 100% time at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.

Samuel A.  
Plyler

12. Dual assignment of Samuel A. Plyler, Professor, to the Counseling Center and Counseling, Personnel Services and Educational Psychology, effective September 1, 1973 through June 30, 1974.

Cecil L.  
Williams

13. Dual assignment of Cecil L. Williams, Professor, to the Counseling Center and Counseling, Personnel Services and Educational Psychology, effective September 16, 1973 through December 15, 1973.

Harris F.  
Beeman

14. Transfer Harris F. Beeman, Professor and Director of Intramural Sports and Recreative Services and Intercollegiate Athletics, to Intramural Sports and Recreative Services and Health, Physical Education and Recreation, with an increase in salary to \$24,500 per year on a 12-month basis, effective September 1, 1973.

J. Bruce  
Burke

15. Transfer J. Bruce Burke from Professor and Director, Humanities Teaching Institute, to Professor, Teacher Education, effective September 1, 1973.

Jay B. Ludwig

16. Change Jay B. Ludwig from Associate Professor, English, at a salary of \$13,000 per year on a 10-month basis, to Associate Professor, English, and Associate Professor and Director, Humanities Teaching Institute, at a salary of \$17,500 per year on a 12-month basis, effective September 1, 1973.

Jerome F. E.  
Halverson

17. Change Jerome F. E. Halverson, Instructor, Mott Institute for Community Improvement, from 75% time at a salary of \$9,000 per year to 100% time at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.

Paul M.  
Schierholz

18. Change Paul M. Schierholz, Assistant Professor, Chemical Engineering, from a salary of \$2,900 for the period November 1, 1973 through December 31, 1973, to a salary of \$1,450 for the period December 1, 1973 through December 31, 1973.

Michael H.  
Abkin

19. Dual assignment of Michael H. Abkin, Assistant Professor, to Agricultural Economics and Electrical Engineering and Systems Science, effective September 1, 1973 through December 31, 1973.

Holly L.  
Schrank

20. Change Holly L. Schrank, Assistant Professor, Dean of Human Ecology and Human Environment and Design, from a 10-month basis, at a salary of \$14,200 per year to a 12-month basis at a salary of \$17,750 per year, effective September 1, 1973 through August 31, 1974.

Mariella  
Aikman

21. Change in title for Mariella Aikman from Teacher in Spartan Nursery School to Specialist, Family and Child Sciences, effective September 1, 1973.

Betty  
Garlick

22. Change in title for Betty Garlick from Teacher in Spartan Nursery School to Specialist, Family and Child Sciences, effective September 1, 1973.

## A. PERSONNEL CHANGES, continued

October 26, 1973

Transfers and Changes in Assignment, continuedTransfers and  
Changes in  
Assignment

- |  |                    |
|--|--------------------|
| 23. Change Alice Whiren, Instructor, Family and Child Sciences, from 100% time at a salary of \$12,250 per year to 75% time at a salary of \$9,188 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.  | Alice Whiren       |
| 24. Dual assignment of Dorice M. Narins, Assistant Professor, to Human Development and Food Science and Human Nutrition, effective October 1, 1973.  | Dorice M. Narins   |
| 25. Change in dates of appointment of Harold Zellman as Instructor, Human Environment and Design, from September 1, 1973 through June 30, 1974, to September 16, 1973 through June 15, 1974.   | Harold Zellman     |
| 26. Change ending date of leave for Cyril M. Worby, Associate Professor, Psychiatry, from October 31, 1973 to September 30, 1973.  | Cyril M. Worby     |
| 27. Change in resignation date of Roger Dornberger, Specialist, Health Services Education and Research, from September 30, 1973 to October 24, 1973.   | Roger Dornberger   |
| 28. Change Arthur S. Elstein, Professor and Associate Director for Research, Medical Education Research and Development, and Professor, Psychiatry, from leave, no pay, to leave, half pay, effective October 1, 1973 through December 31, 1973.   | Arthur S. Elstein  |
| 29. Dual assignment of Joseph J. Lee, Professor, to Humanities and James Madison College, effective January 1, 1974 through April 30, 1974.  | Joseph J. Lee      |
| 30. Dual assignment of Robert H. McKinley, Instructor, to Anthropology and Justin Morrill College, effective September 1, 1973 through December 31, 1973.  | Robert H. McKinley |
| 31. Change beginning date of appointment of David A. Dickinson as Research Associate, Chemistry, from September 15, 1973 to October 1, 1973.   | David A. Dickinson |
| 32. Designation of James E. Bath, Associate Professor, as Acting Chairman of the Department of Entomology with an increase in salary to \$21,750 per year on a 12-month basis, effective September 1, 1973.  | James E. Bath      |
| 33. Change ending date of leave for Wei-Eihn Kuan, Associate Professor, Mathematics, from March 1, 1974 to March 31, 1974.   | Wei-Eihn Kuan      |
| 34. Change in terms of leave for Richard Miller, Assistant Professor, Mathematics, from no pay to 60% pay, effective September 1, 1973 through August 31, 1974.  | Richard Miller     |
| 35. Change in terms of leave for Paul M. Parker, Professor, Physics and Lyman Briggs College, from half pay, effective January 1, 1974 through June 30, 1974, to full pay, effective April 1, 1974 through June 30, 1974.  | Paul M. Parker     |
| 36. Change John E. Thornburg, Instructor, Dean of Osteopathic Medicine and Pharmacology, from 50% time at a salary of \$525 per month to 100% time at a salary of \$1,050 per month, effective September 1, 1973 through November 30, 1973.  | John E. Thornburg  |
| 37. Change Jean B. Burnett from Adjunct Associate Professor, Biomechanics, at no pay, to Associate Professor, Biomechanics, at a salary of \$18,000 per year on a 12-month basis, effective October 1, 1973.   | Jean B. Burnett    |
| 38. Change Thomas E. Graddy, Clinical Assistant Professor, Osteopathic Medicine, from 4.1% time at a salary of \$750 for the period, to 3.0% time at a salary of \$600 for the period September 1, 1973 through June 30, 1974.   | Thomas E. Graddy   |
| 39. Change James R. Lyne, Clinical Assistant Professor, Osteopathic Medicine, from 4% time at a salary of \$750 for the period, to 3.0% time at a salary of \$600 for the period September 1, 1973 through June 30, 1974.  | James R. Lyne      |
| 40. Change beginning date of appointment of Ralph F. Otten as Associate Professor, Osteopathic Medicine, from July 1, 1973 to September 1, 1973.   | Ralph F. Otten     |
| 41. Change Sheldon Stolman, Assistant Professor, Pharmacology, from 100% time at a salary of \$16,400 per year to 33% time at a salary of \$5,450 per year on a 12-month basis, effective October 1, 1973.   | Sheldon Stolman    |
| 42. Change David Rice, Instructor, from assignment to Community Medicine at a salary of \$300 per month, 20% time, to dual assignment to Community Medicine and Medical Education Research and Development, 75% time, at a salary of \$1,125 per month, effective September 1, 1973 through June 30, 1974. | David Rice         |
| 43. Change Jerry Weinberger, Assistant Professor, Political Science, from 100% time at a salary of \$12,050 per year to 75% time at a salary of \$9,038 per year on a 10-month basis, effective September 1, 1973 through April 30, 1974.  | Jerry Weinberger   |
| 44. Dual assignment of Richard J. Ball, Research Associate, to Psychology and Physiology and a change from 20% time to 40% time at a salary of \$8,700 per year, effective October 1, 1973 through December 31, 1973.  | Richard J. Ball    |
| 45. Dual assignment of Richard K. Russell, Assistant Professor, to the Counseling Center Psychology, effective September 1, 1973 through June 30, 1974.  | Richard K. Russell |

## A. PERSONNEL CHANGES, continued

October 26, 1973

Transfers and Changes in Assignment, continuedTransfers and  
Changes in  
Assignment

- Larry T. Hoover
46. Change Larry T. Hoover, Instructor, Criminal Justice, from a 10-month basis at a salary of \$12,100 per year to a 12-month basis at a salary of \$15,150 per year, effective January 1, 1974 through August 31, 1974.
- Joseph P. Miller
47. Change Joseph P. Miller, Associate Professor, School of Social Work, from a 10-month basis at a salary of \$16,700 per year to a 12-month basis at a salary of \$20,900 per year, effective September 1, 1973 through August 31, 1974.
- Barbara A. Beebe
48. Approved for Barbara A. Beebe, Instructor:
- Dual assignment to Anthropology and Asian Studies Center with a change from 50% time at a salary of \$500 per month to 80% time at a salary of \$800 per month, effective October 1, 1973 through December 31, 1973.
  - Assignment to Asian Studies Center, only, 50% time at a salary of \$500 per month, effective January 1, 1974 through June 30, 1974.
- Madelyn Schuiteman
49. Change in the terms of appointment of Madelyn Schuiteman as Instructor, American Thought and Language, from a salary of \$5,000 for the period September 16, 1973 through April 30, 1974 to a salary of \$2,500 for the period September 16, 1973 through December 15, 1973.
- Lawrence Krupka
50. Transfer Lawrence Krupka, Professor, from the Department of Natural Science to the Dean's Office, University College, effective September 1, 1973.
- Mary DeWolf
51. Change Mary DeWolf, Specialist, Office of Student Affairs, University College, from 50% time at a salary of \$4,000 per year to 100% time at a salary of \$8,000 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.
- Duane M. Tester
52. Change Duane M. Tester from Regional Director, Off Campus Credit Extension, to Instructor, Continuing Education and Regional Director, Off Campus Credit Extension, effective November 1, 1973.
- Tamara Brunnenschweiler
53. Change Tamara Brunnenschweiler, Bibliographer, Libraries, from a 10-month basis at a salary of \$10,750 per year to a 12-month basis at a salary of \$13,450 per year, effective September 1, 1973.
- Linda Delene
54. Additional assignment as Adjunct Assistant Professor, Institutional Research, effective October 1, 1973, for Linda Delene, Assistant Professor, Dean of Osteopathic Medicine and Community Medicine.
- Lawrence Lezotte
55. Additional assignment as Adjunct Associate Professor, Institutional Research, effective October 1, 1973 through September 30, 1974 for Lawrence Lezotte, Associate Professor, Urban and Metropolitan Studies and Counseling, Personnel Services and Educational Psychology, and Assistant Director of Research, College of Urban Development.
- George W. Parmelee
56. Change George W. Parmelee from Curator of Botanic Gardens, AP-14, Campus Park and Planning, to Professor, Botany and Plant Pathology and Campus Park and Planning, effective October 1, 1973.
- Claire F. Siegel
57. Change Claire F. Siegel from Assistant Professor, Counseling Center, and Adjunct Assistant Professor, Psychiatry, to Assistant Professor, Counseling Center and Psychiatry, effective September 1, 1973.
- Glenn L. Johnson
58. Assignment of Glenn L. Johnson, Professor, Agricultural Economics, to Overseas-Cairo, Egypt, effective October 4, 1973 through October 14, 1973.
- James D. Shaffer
59. Assignment of James D. Shaffer, Professor, Agricultural Economics, to Overseas-San Jose, Costa Rica AID Project, effective September 8, 1973 through September 14, 1973.
- Ted W. Ward
60. Assignment of Ted W. Ward, Professor, Secondary Education and Curriculum, and International Studies in Education, to Overseas-Rio de Janeiro, effective October 15, 1973 through October 26, 1973.
- Sylvia J. Samuels
61. Change Sylvia J. Samuels from Programmer AP-8 to Senior Programmer AP-9, Agricultural Economics, with an increase in salary to \$10,530 per year on a 12-month basis, effective September 1, 1973.
- Joseph L. Ervin
62. Transfer Joseph L. Ervin from Aquatic Biologist CT-10, Fisheries and Wildlife, to Supervisor of Research AP-10, Institute of Water Research, with an increase in salary to \$13,000 per year on a 12-month basis, effective September 1, 1973.
- Norman D. Young
63. Change Norman D. Young from Programmer AP-8 to Systems Programmer AP-11, Biochemistry, with an increase in salary to \$11,200 per year on a 12-month basis, effective October 1, 1973.
- Willie L. Stone
64. Dual assignment of Willie L. Stone, Administrative Assistant II, AP-10, to the Center for Urban Affairs and the Dean's Office, College of Urban Development, with an increase in salary to \$13,000 per year on a 12-month basis, effective July 1, 1973.
- Terrence P. Meyer
65. Promotion for Terrence P. Meyer from Corporal to Sergeant, Public Safety, with an increase in salary to \$15,900 per year on a 12-month basis, effective October 10, 1973.



A. PERSONNEL CHANGES, continued

October 26, 1973

Transfers and Changes in Assignment, continuedTransfers and  
Changes in  
Assignment

66. Transfer Clara S. Duncan from Executive Secretary VIII, International Centers and Institutes, to Placement Officer AP-10, Placement Services, with an increase in salary to \$10,770 per year on a 12-month basis, effective August 15, 1973.
67. Change Harold Bradsher from Counselor AP-12 to Coordinator Counseling Services AP-13, Counseling Center, with an increase in salary to \$15,400 per year on a 12-month basis, effective September 1, 1973.
68. Change Shirley D. Brennan from Senior Clerk Typist V to Psychometrist AP-9, Counseling Center, with an increase in salary to \$9,500 per year on a 12-month basis, effective October 8, 1973.
69. Change Camille D. Smith, Career Information Specialist, Counseling Center, from AP-9 to AP-10 with an increase in salary to \$12,400 per year on a 12-month basis, effective October 1, 1973.
70. Change Rene Carbajal, Financial Aids Adviser, Financial Aids and Residence Hall Programs, from AP-9 to AP-10 with an increase in salary to \$12,000 per year on a 12-month basis, effective September 1, 1973.
71. Transfer Dorothy M. Doane from Administrative Assistant I AP-8, Asian Studies Center, to Assistant Director Alumni Relations AP-12, Alumni Relations/MSU Development Fund, with an increase in salary to \$13,000 per year on a 12-month basis, effective October 1, 1973.

Clara S. Duncan

Harold Bradsher

Shirley D.  
BrennanCamille D.  
Smith

Rene Carbajal

Dorothy M.  
DoaneSalary Changes

Salary Changes

1. Increase in salary for Lynn D. Gould, 4-H Youth Agent, Monroe County, to \$16,400 per year on a 12-month basis, effective November 1, 1973.
2. Increase in salary for James E. Neal, District Extension Leader, Resource Development, Southeast Michigan, to \$18,600 per year on a 12-month basis, effective November 1, 1973.
3. Increase in salary for E. Fred Carlisle, Professor, English, to \$19,000 per year on a 10-month basis, effective September 1, 1973.
4. Increase in salary for Sears A. Eldredge, Instructor, Justin Morrill College, to \$5,500 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.
5. Increase in salary for C. Scott Blackwell, Research Associate, Chemistry, to \$8,400 per year on a 12-month basis, effective September 1, 1973 through August 31, 1974.
6. Increase in salary for Norma Jackson, Instructor, Nursing, to \$12,275 per year on a 10-month basis, effective September 1, 1973.
7. Increase in salary for Donald E. Ensley, Instructor, Dean of Osteopathic Medicine, to \$15,950 per year on a 12-month basis, effective July 1, 1973 through June 30, 1974.
8. Increase in salary for James B. Hamilton, Associate Professor and Assistant Provost for Special Programs, Provost's Office, to \$25,200 per year on a 12-month basis, effective November 1, 1973.
9. Increase in salary for William McAfee, Senior Electron Microscopist AP-10, Entomology, to \$15,050 per year on a 12-month basis, effective July 1, 1973.
10. Increase in salary for Paul Hartman, Budget Analyst AP-11, Kellogg Biological Station, to \$14,124 per year on a 12-month basis, effective July 1, 1973.
11. Increase in salary for Robert W. Bissell, Office Manager, Public Safety, to \$16,250 per year on a 12-month basis, effective October 1, 1973.
12. Increase in salary for Donald H. Cleeves, Sergeant, Public Safety, to \$16,250 per year on a 12-month basis, effective October 1, 1973.
13. Increase in salary for John H. Peterson, Sergeant, Public Safety, to \$16,100 per year on a 12-month basis, effective October 1, 1973.
14. Increase in salary for Gilbert H. Skinner, Sergeant, Public Safety, to \$16,000 per year on a 12-month basis, effective October 1, 1973.
15. Increase in salary for Gary B. McCuaig, Inst. Dev. TV AP-11, Instructional TV, to \$12,435 per year on a 12-month basis, effective July 1, 1973.
16. Increase in salary for Paul Witkowski, Inst. Dev. TV AP-11, Instructional TV, to \$12,835 per year on a 12-month basis, effective July 1, 1973.
17. Increase in salary for Eva Beckley, Supervisor Service I AP-8, Physical Plant - Telephones, to \$11,600 per year on a 12-month basis, effective October 1, 1973.

A. PERSONNEL CHANGES, continued

October 26, 1973

Salary  
ChangesSalary Changes, continued

18. Increase in salary for Mildred R. Etling, Student Services Assistant, Dean of Students, to \$8,420 per year on a 10-month basis, effective September 1, 1973.

## Appointments

Appointments

1. Linda Alejandro Swart, County Extension Home Economist, Kent County, at a salary of \$9,500 per year on a 12-month basis, effective November 1, 1973.
2. David Amon, Specialist, Agricultural Economics, at a salary of \$700 per month on a 12-month basis, effective October 1, 1973 through March 31, 1974.
3. Deborah K. Johnson, Specialist, Agricultural Economics, at a salary of \$9,400 per year on a 12-month basis, effective September 16, 1973 through September 30, 1973.
4. Deborah K. Johnson, Specialist, Agricultural Economics, at a salary of \$9,400 per year on a 12-month basis, effective October 1, 1973 through October 31, 1973.
5. Dennis William Pervis, Specialist, Agricultural Economics, 50% time, at a salary of \$5,660 per year on a 12-month basis, effective September 20, 1973 through March 31, 1974.
6. Gerald D. Schwab, Assistant Professor, Agricultural Economics, at a salary of \$16,000 per year on a 12-month basis, effective January 1, 1974.
7. Lloyd D. Teigen, Assistant Professor, Agricultural Economics, at a salary of \$16,000 per year on a 12-month basis, effective January 1, 1974 through December 31, 1974.
8. Irwin Perry Schisler, Instructor, Agricultural Engineering, at a salary of \$10,000 per year on a 12-month basis, effective September 15, 1973 through December 31, 1973.
9. William Charles Zschoche, Research Associate, Biochemistry, at a salary of \$9,200 per year on a 12-month basis, effective September 24, 1973 through June 30, 1974.
10. George J. Hogaboam, Adjunct Associate Professor, Crop and Soil Sciences, without pay, on a 12-month basis, effective October 1, 1973 through September 30, 1974.
11. Charles R. Olien, Adjunct Professor, Crop and Soil Sciences, without pay on a 12-month basis, effective October 1, 1973 through September 30, 1974.
12. David H. Smith, Jr., Adjunct Assistant Professor, Crop and Soil Sciences, without pay on a 12-month basis, effective October 1, 1973 through September 30, 1974.
13. Freeman W. Snyder, Adjunct Associate Professor, Crop and Soil Sciences, without pay on a 12-month basis, effective October 1, 1973 through September 30, 1974.
14. Murray L. Kaplan, Research Associate, Food Science & Human Nutrition, 28% time, at a salary of \$2,790 per year on a 12-month basis, effective September 1, 1973 through August 31, 1974.
15. Vivion Earl Shull, Academic Specialist, Horticulture, at a salary of \$18,190 per year on a 12-month basis, effective October 1, 1973 through June 30, 1974.
16. Martha M. Bigelow, Visiting Professor, History, 30% time, at a salary of \$1,600 for the period April 1, 1974 through June 30, 1974.
17. R. Marston Speight, Research Associate, Religious Studies, without pay on a 10-month basis, effective September 1, 1973 through August 31, 1974.
18. Lowell Albert Fiet, Assistant Professor, Theatre, at a salary of \$12,000 per year on a 10-month basis, effective September 1, 1973.
19. Duncan C. Bryan, Instructor, Accounting and Financial Administration, 50% time, at a salary of \$5,670 for the period September 1, 1973 through June 30, 1974.
20. Alexander Mikulich, Instructor, Management, at a salary of \$11,000 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.
21. Alexandra T. Finelli, Instructor, Dean of Communication Arts, 50% time, at a salary of \$1,667 for the period September 1, 1973 through December 31, 1973.
22. Robert A. Mosher, Instructor, Dean of Communication Arts, 50% time, at a salary of \$1,667 for the period September 1, 1973 through December 31, 1973.
23. Janis L. Forbord, Instructor, Audiology and Speech Sciences, at a salary of \$8,750 for the period September 1, 1973 through June 30, 1974.
24. Mary Lou Hatfield, Instructor, Audiology and Speech Sciences, 50% time, at a salary of \$4,200 for the period September 1, 1973 through June 30, 1974.
25. Carol Ann Mok, Instructor, Audiology and Speech Sciences, at a salary of \$8,200 for the period September 1, 1973 through June 30, 1974.
26. Annette M. Smith, Instructor, Audiology and Speech Sciences, 50% time, at a salary of \$4,200 for the period September 1, 1973 through June 30, 1974.

A. PERSONNEL CHANGES, continued

October 26, 1973

Appointments, continued

Appointments

27. James H. Nyenhuis, Director of MSU/AID Community Workshops, Battle Creek, Department of Communication, at a salary of \$16,000 per year on a 12-month basis, effective October 1, 1973 through August 31, 1974.
28. Rudy Joseph Suarez, Assistant Professor, Elementary and Special Education, at a salary of \$1,500 for the period July 26, 1973 through August 31, 1973.
29. Donald L. Carmichael, Instructor, Health, Physical Education and Recreation, 25% time, at a salary of \$810 for the period September 16, 1973 through December 15, 1973.
30. Claudia J. Knowles, Instructor, Health, Physical Education and Recreation, at a salary of \$12,500 per year on a 12-month basis, effective September 1, 1973 through December 31, 1973.
31. Carol Peterson, Assistant Professor, Health, Physical Education and Recreation, at a salary of \$11,000 for the period September 1, 1973 through June 30, 1974.
32. Paul V. Vogel, Instructor, Health, Physical Education and Recreation, at a salary of \$16,350 per year on a 12-month basis, effective September 1, 1973 through December 31, 1973.
33. Barbara Ort, Instructor, Secondary Education and Curriculum, 33% time, at a salary of \$1,000 for the period September 16, 1973 through December 15, 1973.
34. Robert L. Trezise, Instructor, Secondary Education and Curriculum, 33% time, at a salary of \$1,000 for the period September 16, 1973 through December 15, 1973.
35. William Helder, Adjunct Assistant Professor, Social Science Teaching Institute, without pay on a 10-month basis, effective September 10, 1973 through June 30, 1974.
36. Jay VanHoven, Instructor, Mott Institute for Community Improvement, 50% time, at a salary of \$4,000 for the period September 1, 1973 through June 30, 1974.
37. Ilse H. Burke, Specialist, Dean of Engineering, at a salary of \$8,000 per year on a 12-month basis, effective October 1, 1973 through June 30, 1974.
38. Wladyslaw Stepniewski, Postdoctoral Fellow, Mechanical Engineering and Engineering Research, at a salary of \$350 per month on a 12-month basis, effective September 16, 1973 through March 15, 1974.
39. Anne Stevenson, Instructor, Family and Child Sciences and Institute for Family and Child Study, 50% time, at a salary of \$3,180 for the period September 16, 1973 through March 15, 1974.
40. Jean Cathleen Burge, Adjunct Instructor, Food Science and Human Nutrition, without pay, effective October 1, 1973 through June 30, 1974.
41. Phyllis Kay Welsch, Instructor, Food Science and Human Nutrition, 50% time, at a salary of \$5,000 for the period September 16, 1973 through June 15, 1974.
42. Ila Mae Pokornowski, Instructor, Human Environment and Design, 33-1/3% time, at a salary of \$1,080 for the period September 16, 1973 through December 15, 1973.
43. Betty Lou Abedor, Instructor, Dean of Human Ecology and Institute for Family and Child Study, 50% time, at a salary of \$5,160 for the period October 1, 1973 through June 30, 1974.
44. Elaine Clary Williams, Instructor, Institute for Family and Child Study, 75% time, at a salary of \$2,843 for the period September 15, 1973 through December 31, 1973.
45. James N. Gerber, Research Associate, Biochemistry, at a salary of \$8,500 per year on a 12-month basis, effective September 24, 1973 through December 31, 1973.
46. Charles T. Alward, Clinical Instructor, Human Development, var. time, without pay on a 12-month basis, effective July 1, 1973 through June 30, 1974.
47. Richard R. Beesley, Clinical Instructor, Human Development, var. time, without pay on a 12-month basis, effective July 1, 1973 through June 30, 1974.
48. Lloyd David Martin, Clinical Instructor, Human Development, var. time, without pay on a 12-month basis, effective July 1, 1973 through June 30, 1974.
49. Susan L. Scheurer, Clinical Instructor, Human Development, var. time, without pay, on a 12-month basis, effective July 1, 1973 through June 30, 1974.
50. Ho-Ming Yian, Assistant Clinical Professor, Human Development, var. time, without pay on a 12-month basis, effective October 1, 1973 through June 30, 1974.
51. H. James McCoy, Clinical Instructor, Medicine, var. time, without pay on a 12-month basis, effective September 1, 1973 through June 30, 1974.
52. Patricia E. Gardner, Instructor, Pathology, at a salary of \$10,000 per year on a 12-month basis, effective September 15, 1973.

A. PERSONNEL CHANGES, continued

## Appointments

Appointments, continued

53. Andrzej T. Zielinski, Assistant Professor, Pharmacology, at a salary of \$10,000 per year on a 12-month basis, effective October 1, 1973 through September 30, 1974.
54. Esther J. W. Shwedel, Instructor, Surgery and Medical Education Research and Development, 50% time, at a salary of \$400 per month on a 12-month basis, effective September 16, 1973 through June 15, 1974.
55. Theodore Lopushinsky, Assistant Professor, Health Services Education and Research, at a salary of \$18,000 per year on a 12-month basis, effective September 15, 1973 through June 30, 1974.
56. Nova Muir Green, Instructor, Medical Education Research and Development, at a salary of \$11,500 per year on a 12-month basis, effective September 17, 1973 through August 15, 1974.
57. Donald J. Dragt, Instructor, Justin Morrill College, 50% time, at a salary of \$5,000 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.
58. Victor Kai-Hwa Chen, Research Associate, Biophysics, at a salary of \$584 per month on a 12-month basis, effective September 1, 1973 through November 30, 1973.
59. Indur M. Goklany, Research Associate, Biophysics, at a salary of \$8,000 per year on a 12-month basis, effective October 1, 1973 through September 30, 1974.
60. Allan M. Rosenthal, Research Associate, Biophysics, at a salary of \$584 per month on a 12-month basis, effective September 1, 1973 through March 31, 1974.
61. Garrett Eugene Crow, Instructor, Botany and Plant Pathology and Institute of Agricultural Technology, at a salary of \$2,625 for the period September 1, 1973 through December 31, 1973.
62. Frank W. Percival, Postdoctoral Fellow, Botany and Plant Pathology, at a salary of \$8,220 per year on a 12-month basis, effective September 1, 1973 through February 28, 1974.
63. Frank C. Reed, Postdoctoral Fellow, Botany and Plant Pathology, at a salary of \$10,500 per year on a 12-month basis, effective September 16, 1973 through August 31, 1974.
64. Thomas V. Atkinson, Research Associate, Chemistry, at a salary of \$8,500 per year on a 12-month basis, effective September 1, 1973 through June 30, 1974.
65. Wesley D. Bonds, Specialist, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective September 20, 1973 through August 31, 1974.
66. Irene C. Huang, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective September 1, 1973 through September 20, 1973.
67. Irene C. Huang, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective September 21, 1973 through September 20, 1974.
68. Lawrence Pelavin, Research Associate, Chemistry, at a salary of \$8,000 per year on a 12-month basis, effective September 1, 1973 through March 25, 1974.
69. Dilip K. Sen Sharma, Research Associate, Chemistry, at a salary of \$8,100 per year on a 12-month basis, effective September 15, 1973 through June 14, 1974.
70. Thomas Brown, Research Associate, Entomology, at a salary of \$7,500 per year on a 12-month basis, effective September 15, 1973 through September 14, 1974.
71. June Mack, Specialist, Entomology, at a salary of \$9,100 per year on a 12-month basis, 70% time, effective September 1, 1973.
72. George P. Nilles, Instructor, Entomology and Chemistry, at a salary of \$9,450 per year on a 12-month basis, effective October 1, 1973 through June 30, 1974.
73. Paik Kim, Instructor, Mathematics, at a salary of \$7,500 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.
74. Donald Showers, Instructor, Mathematics, at a salary of \$7,500 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.
75. Alexander Kulikovsky, Postdoctoral Fellow, Microbiology and Public Health, without pay, effective September 18, 1973 through May 31, 1974.
76. Thomas O. Milbrodt, Research Associate, Physics, at a salary of \$834 per month on a 12-month basis, effective September 16, 1973 through December 15, 1973.
77. Donald L. Parker, Research Associate, Physics, at a salary of \$10,550 per year on a 12-month basis, effective December 16, 1973 through December 15, 1974.
78. Dan-Olof W. Riska, Assistant Professor, Physics, at a salary of \$13,800 per year on a 10-month basis, effective September 1, 1974.

A. PERSONNEL CHANGES, continued

October 26, 1973

Appointments, continued

## Appointments

79. Donald M. Patterson, Research Associate, Cyclotron, at a salary of \$10,400 per year on a 12-month basis, effective November 1, 1973 through October 31, 1974.
80. Allan J. Barnes, Assistant Clinical Professor, Nursing, without pay, effective September 1, 1973 through June 30, 1974.
81. Rita Louise Carbuhn, Assistant Adjunct Professor, Nursing, without pay, effective September 1, 1973 through June 30, 1974.
82. Nicanor F. Castedo, Assistant Clinical Professor, Nursing, without pay, effective September 1, 1973 through June 30, 1974.
83. Barbara A. Netschke, Assistant Adjunct Professor, Nursing, without pay, effective September 1, 1973 through June 30, 1974.
84. Machi F. Dilworth, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of \$6,630 for the period September 16, 1973 through June 15, 1974.
85. David George Pope, Research Associate, MSU/AEC Plant Research Laboratory, at a salary of \$9,300 per year on a 12-month basis, effective September 16, 1973 through September 15, 1974.
86. Barbara Ruth Stovall, Instructor, Science and Mathematics Teaching Center, and Audiology and Speech Sciences, at a salary of \$11,250 for the period September 1, 1973 through June 30, 1974.
87. Estelle J. McGroarty, Assistant Professor, Biophysics, at a salary of \$14,500 per year on a 10-month basis, effective September 1, 1973.
88. George A. Gross, Associate Professor, Community Medicine, at a salary of \$30,000 per year on a 12-month basis, effective September 1, 1973.
89. Samuel Callton, Clinical Assistant Professor, Family Medicine, var. time, without pay, on a 12-month basis, effective July 1, 1973 through June 30, 1974.
90. Robert H. Itsell, Clinical Assistant Professor, Family Medicine, var. time, without pay on a 12-month basis, effective July 1, 1973 through June 30, 1974.
91. William W. Jordan, Clinical Assistant Professor, Family Medicine, var. time, without pay on a 12-month basis, effective July 1, 1973 through June 30, 1974.
92. Robert C. Evans, Clinical Assistant Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective July 1, 1973 through June 30, 1974.
93. Herbert E. Ross, Clinical Assistant Professor, Osteopathic Medicine, var. time, without pay on a 12-month basis, effective July 1, 1973 through June 30, 1974.
94. Ira Snider, Instructor, Osteopathic Medicine, 5.4% time, at a salary of \$550 for the period July 1, 1973 through August 31, 1973.
95. Barbara A. Beebe, Instructor, Anthropology, 50% time, at a salary of \$5,000 for the period September 1, 1973 through June 30, 1974.
96. William A. Sederburg, Instructor, Political Science, at a salary of \$8,000 for the period October 1, 1973 through June 30, 1974.
97. Lynn B. Brody, Instructor, Sociology, 50% time, at a salary of \$2,800 for the period October 1, 1973 through March 31, 1974.
98. William E. Vredevoogd, Instructor, Sociology, 50% time, at a salary of \$1,400 for the period April 1, 1974 through June 30, 1974.
99. Philip Taft, Professor, Labor and Industrial Relations, at a salary of \$7,000 for the period April 1, 1974 through June 30, 1974.
100. Barbara G. Star, Assistant Professor, Dean of Social Science and School of Social Work, at a salary of \$15,000 per year on a 10-month basis, effective September 1, 1973.
101. Charles D. Wilson, Instructor, Social Work, 50% time, at a salary of \$1,800 for the period October 1, 1973 through December 31, 1973.
102. Samuel E. Akpabot, Artist-in-Residence, African Studies Center and Music, 75% time, at a salary of \$6,500 for the period September 16, 1973 through June 30, 1974.
103. Mitchell E. Bloomfield, Instructor, Dean of University College and American Thought and Language, at a salary of \$2,400 for the period September 16, 1973 through December 15, 1973.
104. Sara E. Elgammal, Instructor, Dean of University College and American Thought and Language, at a salary of \$2,400 for the period September 16, 1973 through December 15, 1973.

A. PERSONNEL CHANGES, continued

October 26, 1973

## Appointments

Appointments, continued

105. Robert M. Goldman, Instructor, Dean of University College and American Thought and Language, at a salary of \$2,400 for the period September 16, 1973 through December 15, 1973.
106. Richard L. Hasbany, Instructor, Dean of University College and American Thought and Language, at a salary of \$2,700 for the period September 16, 1973 through December 15, 1973.
107. Wolfgang Schwarz, Instructor, Dean of University College and American Thought and Language, 66-2/3% time, at a salary of \$1,600 for the period September 16, 1973 through December 15, 1973.
108. Beverly S. Uphaus, Instructor, Dean of University College and American Thought and Language, at a salary of \$2,400 for the period September 16, 1973 through December 15, 1973.
109. Robert B. Boeder, Instructor, Humanities, at a salary of \$8,100 for the period September 16, 1973 through June 30, 1974.
110. Leroy R. Johnson, Instructor, Racial and Ethnic Studies, 50% time, at a salary of \$6,500 per year on a 12-month basis, effective September 16, 1973 through September 15, 1974.
111. Jeffrey M. Schneider, Assistant Professor, Urban and Metropolitan Studies and Elementary and Special Education, at a salary of \$13,000 per year on a 10-month basis, effective September 1, 1973 through August 31, 1974.
112. Bruce A. Beachnau, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 25, 1973 through June 30, 1974.
113. Frank B. Bolenbaugh, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 25, 1973 through June 30, 1974.
114. Arnold J. Hentschl, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 25, 1973 through June 30, 1974.
115. Gerard J. Heyt, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 17, 1973 through June 30, 1974.
116. Orville C. Krause, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 25, 1973 through June 30, 1974.
117. Robert M. Muir, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 17, 1973 through June 30, 1974.
118. Harry R. Munro, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 25, 1973 through June 30, 1974.
119. Charles W. Renshaw, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 17, 1973 through June 30, 1974.
120. Harold D. Sheridan, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 25, 1973 through June 30, 1974.
121. Edward F. Sterner, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 17, 1973 through June 30, 1974.
122. John J. Talsma, Assistant Clinical Professor, Large Animal Surgery and Medicine, var. time, without pay on a 12-month basis, effective September 17, 1973 through June 30, 1974.
123. Teofila C. Beaman, Instructor, Microbiology and Public Health, 80% time, at a salary of \$12,320 per year on a 12-month basis, effective September 1, 1973 through June 30, 1974.
124. Robert F. Willson, Associate Professor of Comparative Medicine, Center for Laboratory Animal Resources, var. time, without pay on a 12-month basis, effective October 1, 1973 through September 30, 1974.
125. Dawn P. Hollenbeck, Instructor, University Extension, 50% time, at a salary of \$5,000 for the period September 1, 1973 through June 30, 1974.
126. Robert D. Price, Instructor, Highway Traffic Safety Center, at a salary of \$1,000 per month on a 12-month basis, effective September 10, 1973 through September 9, 1974.



A. PERSONNEL CHANGES, continued

October 26, 1973

Appointments, continued

## Appointments

127. Beth Shapiro, Librarian, Libraries, at a salary of \$9,400 per year on a 12-month basis, effective October 1, 1973.
128. Sandra J. Springer, Librarian, Libraries, at a salary of \$9,000 per year on a 12-month basis, effective October 1, 1973.
129. Castelle G. Gentry, Associate Professor, Instructional Media Center; College of Osteopathic Medicine; and College of Education at a salary of \$20,000 per year on a 12-month basis, effective January 1, 1974.
130. G. Robert Vincent, Consultant, Instructional Media Center, without pay, effective October 1, 1973 through June 30, 1974.
131. Anne E. Golseth, Instructor, Dean of Students, and Administration and Higher Education, at a salary of \$12,400 per year on a 12-month basis, effective September 1, 1973.

On motion by Trustee Carrigan, seconded by Trustee Stevens, it was unanimously voted to approve the Resignations, Leaves, Transfers and Changes in Assignment, Salary Changes, and Appointments.

Special Item

A Search and Selection Committee for the deanship of the College of Urban Development, as stipulated by the Board of Trustees in May, 1972, was assembled and presented a slate of candidates from which the name of Dr. Robert Green has been selected. Dr. Green is well known to the Board and comes to you with the recommendation that he be named Dean of the College of Urban Development.

Robert L. Green  
appt. Dean of  
College of  
Urban Dev.;  
College fully  
established

With the completion of the last item of the May, 1972 Board action regarding the College of Urban Development, the College is now fully established.

RESOLVED: Dr. Robert L. Green be appointed Dean of the College of Urban Development, completing the last item called for in the May, 1972 statement, and thereby fully establishing the College of Urban Development, effective October 26, 1973.

Trustee Stevens' motion, seconded by Trustee Martin, to approve the above resolution passed by a vote of 7 to 0. Trustee Merriman did not vote.

Recommendations from the Director of PersonnelRecommendations  
from Director  
of Personnel

1. Change a half-time District Extension Marketing Agent position from an hourly to a salaried basis for the Cooperative Extension Service.
2. For Crop and Soil Sciences:
  - a. Establish a Crop Science Aide VIII position
  - b. Reclassify a half-time Senior Clerk IV to a Senior Accounting Clerk V position.
3. Reclassify a Senior Clerk-Steno V to a Senior Departmental Secretary VII position for the Department of Dairy Science.
4. Establish a Senior Clerk-Steno V position for the Department of Resource Development.
5. Reclassify an Office Assistant from a IX to a X position for the Department of English.
6. Reclassify a Typist Dictaphone Operator III to a Senior Clerk-Steno V position for the Department of Management.
7. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position for the Department of Television and Radio.
8. For the Dean's Office, College of Education:
  - a. Establish a Senior Clerk IV position
  - b. Reclassify 2 Departmental Secretary V to Senior Departmental Secretary VII positions
  - c. Reclassify a Senior Clerk IV to a Senior Departmental Secretary VII position
  - d. Reclassify a Clerk-Steno III to a Senior Departmental Secretary VII position
  - e. Change a Clerk-Steno III position from an hourly to a salaried basis.
9. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position for the Dean's Office, College of Human Ecology.
10. Establish a Student Adviser AP-8 position for the Office of the Dean, College of Human Medicine.
11. Reclassify a Programmer AP-8 to a Systems Programmer AP-11 position for the Department of Biochemistry.
12. For the Department of Medicine:
  - a. Establish a Patient Services Assistant AP-9 position
  - b. Establish a Senior Clerk IV position
  - c. Reclassify a Clerk Stenographer III to a Senior Clerk Stenographer V position.
13. Establish a Medical Material Technician IX position for the Department of Pathology.
14. Establish an Office Assistant IX position for the Office of Medical Education Research and Development.
15. Reclassify a Clerk-Steno III to a Senior Clerk IV position for the Department of Chemistry.
16. Reclassify a Senior Clerk IV to a Senior Clerk-Typist V position for the Department of Mathematics.
17. Establish a Computer Operator VII position for the Cyclotron.
18. Establish a Research Assistant Natural/Health Science AP-7 position for the Department of Physiology.

## A. PERSONNEL CHANGES, continued

October 26, 1973

Recommendations  
from Director  
of Personnel

## Recommendations from the Director of Personnel, continued

19. Reclassify a Clerk-Steno III to a Departmental Secretary V position for the Department of Anthropology.
20. Establish a Departmental Secretary V position for the Office of the Dean, University College.
21. Establish a Senior Clerk IV position for the Department of Racial and Ethnic Studies.
22. Establish a Senior Clerk IV position for the Department of Urban and Metropolitan Studies.
23. Establish a Public Safety Officer position for the Department of Public Safety.
24. Reclassify a Cashier XII to a Supervisor Registration/Continuing Education Service AP-9 position for the Continuing Education Service.
25. For Radio Broadcasting:
  - a. Establish a Producer Radio I AP-7 position
  - b. Establish a Senior Radio Engineer X position.
26. Establish a Coordinator Promotion and Public Relations AP-9 position for TV Broadcasting.
27. Reclassify a Senior Library Clerk IV to a Departmental Secretary V position for the Highway Traffic Safety Center.
28. For the Libraries:
  - a. Reclassify a Principal Library Clerk VI to an Office Assistant VIII position
  - b. Reclassify 2 Senior Library Clerk IV to Principal Library Clerk VI positions
  - c. Reclassify a Senior Library Clerk IV to a Departmental Secretary V position
  - d. Reclassify a Clerk-Steno III to a Senior Clerk IV position.
29. Establish an Administrative Secretary AP-8 position for the Office of the Provost.
30. For the Assistant Provost for Special Programs:
  - a. Establish a Departmental Secretary V position
  - b. Establish a Clerk-Typist II position.
31. For the Instructional Media Center:
  - a. Establish 2 Office Assistant VIII positions
  - b. Establish a Senior Clerk Typist V position.
32. Reclassify a Senior Clerk Stenographer V to a Scheduling Assistant VII position for Instructional Television Services.
33. For Admissions and Scholarships:
  - a. Reclassify 3 Office Assistants from VIII to IX positions
  - b. Reclassify a Principal Clerk VI to an Office Assistant VII position
  - c. Reclassify 5 Senior Clerk IV to Departmental Secretary V positions
  - d. Reclassify 6 Clerk-Typist II to Senior Clerk IV positions
  - e. Establish a Senior Clerk IV position.
34. For the Executive Vice President:
  - a. Establish an Assistant University Architect AP-12 position
  - b. Establish an Assistant Director of Space Utilization AP-11 position
  - c. Establish a Principal Clerk VI position.
35. Establish an Office Assistant VIII position for the Personnel Office.
36. Establish 2 Senior Clerk IV positions for Placement Services.
37. Reclassify an Office Assistant X to a Loan Collection Officer AP-8 position for the Comptroller.
38. Reclassify a Systems Programmer AP-11 to a Lead Systems Programmer AP-13 position for Data Processing.
39. Establish a Customer Service Assistant III position for the MSU Bookstore.
40. Establish a Principal Food Supervisor X position for the Union Cafeteria, Dormitories and Food Services.
41. For the Physical Plant Division:
  - a. Reclassify 4 Senior Clerk Steno V to Communications Clerk VI positions
  - b. Reclassify a Senior Clerk IV to a Principal Clerk VI position.
42. Establish a Principal Clerk VI position for Financial Aids.
43. Reclassify a Senior Departmental Secretary VII to an Executive Secretary VIII position for Intramural Sports and Recreative Services.
44. Change a Student Services Assistant AP-9 position from half to three-fourths time for the Dean of Students Office.

Recommendations for classification changes resulting from reviews under the A-P Study appeals procedure:

1. Reclassify a Student Services Assistant AP-9 to a Student Services Assistant AP-9, 50% time, and Senior Student Services Assistant AP-11, 50% time, position for Student Affairs.
2. Reclassify a Student Adviser AP-8 to a Student Services Assistant AP-9 position for the Assistant Provost for Special Programs.
3. Change a Film Developer AP-11 to a Film Maker AP-11 position for Medical Education Research and Development.
4. Reclassify a Career Information Officer from an AP-9 to an AP-10 position for the Counseling Center.
5. Change a Supervisor Departmental Services AP-10 to a Manager Departmental Services AP-10 position for Continuing Education.

On motion by Trustee Carrigan, seconded by Trustee Thompson, the Recommendations from the Director of Personnel were unanimously approved.



A. PERSONNEL CHANGES, continued

October 26, 1973

Retirements

## Retirements:

1. Retirement of Rosalie Benson, Clerk, Libraries, effective November 1, 1973. Mrs. Benson was born July 15, 1908 and has been employed by the University since September 24, 1956. Rosalie Benson
2. Retirement of Harold Cook, Laboratory Technician, Natural Science Department, effective November 1, 1973. Mr. Cook was born November 21, 1907 and has been employed by the University since December 12, 1946. Harold Cook
3. Retirement of E. Lynnette Gatten, Food Service Director, Union Food Service, effective December 1, 1973. Miss Gatten was born July 10, 1911 and has been employed by the University since August 16, 1951. E. Lynnette Gatten
4. A consultantship with agreed-upon duties and responsibilities for Paul E. Smith, Professor, Department of Marketing and Transportation Administration, from September 1, 1974 through June 30, 1975, and retirement as Professor Emeritus effective July 1, 1975. Professor Smith was born March 25, 1910 and has been a member of the faculty since September 1, 1956. Paul E. Smith
5. Retirement of Elsa J. Soms, Clerk, Libraries, effective November 1, 1973. Mrs. Soms was born November 22, 1905 and has been employed by the University since August 27, 1951. Elsa J. Soms

On motion by Trustee Stevens, seconded by Trustee Thompson, it was unanimously voted to approve the Retirements.

Deaths

## Deaths

1. Report of the death of Leonard Glander, Director of Personnel, on terminal leave, on September 23, 1973. Mr. Glander was born February 13, 1911 and had been employed by the University since September 1, 1946.
2. Report of the death of Donald J. Fox, Research Associate, Department of Physics, on September 30, 1973. Dr. Fox was born March 22, 1943, and had been employed by the University since June 10, 1971.
3. Report of the death of John Hubach on September 30, 1973. Mr. Hubach was born March 17, 1914, and was employed by the University on September 24, 1947, and was a Groupleader in the Grounds Department at the time of his retirement on August 1, 1973.
4. Report of the death of John Winchester, Lecturer in the Center for Urban Affairs, on September 30, 1973. Mr. Winchester was born June 22, 1921 and had been employed by the University since October 1, 1969.
5. Report of the death of Norman Berg, Mason, Physical Plant Division, on October 12, 1973. Mr. Berg was born on January 13, 1917, and had been employed by the University since August 26, 1957.
6. Report of the death of Lynda Harkness, Office Assistant, Comptroller's Office, on October 16, 1973. Miss Harkness was born April 16, 1947 and had been employed by the University since September 3, 1968.
7. Report of the death on October 23 of Paul D. Bagwell, who served as a member of the Board of Trustees from January 1 through December 31, 1964. Mr. Bagwell also held assignments as Chairman of the Departments of American Thought and Language and Speech and Director of Scholarships during the period 1938 to 1961 when he was a member of the faculty.

Motion was made by Trustee Huff, seconded by Trustee Merriman to send an appropriate resolution to Mrs. Bagwell. Unanimously carried.

B. GIFTS AND GRANTS

## Gifts and Grants

1. Gifts as follows from the John Deere Co., Columbus, Ohio, to be used under the direction of B. A. Stout in Agricultural Engineering:
  - a. 1 6-cylinder diesel engine for 4520 tractor valued at \$1,000
  - b. 1 transmission and differential for 4020 tractor valued at \$500
  - c. 1 row crop demonstration planting unit with 1 row seeding unit, fertilizer hopper, 3 fertilizer openers, herbicide unit, insecticide unit valued at \$300
  - d. 1 3-cylinder diesel engine for 1020 tractor valued at \$200
  - e. 1 differential cut-a-way unit for 3020 and 4030 tractor valued at \$150
  - f. 1 gathering unit display model, 1 row, valued at \$100
  - g. 1 1-cylinder vertical crank, Tecumseh, Model VH60-100001 engine, valued at \$50
  - h. 1 1-cylinder horizontal crank Kohler, Model 1815 engine valued at \$50
  - i. 1 1-cylinder Tecumseh Model HH100-115034, Serial 6094-01536 engine valued at \$50
2. Gift of 51 turkey breeders valued at \$765 and 126 turkey cages valued at \$1,910 from Big Dutchman, Zeeland, to be used for research under the direction of J. H. Wolford in Poultry Science.
3. Gift of 1,000 turkey eggs valued at \$1,000, 490 poults valued at \$367, and 66 turkey breeders valued at \$1,320 from Cuddy Farms Hatcheries, Strathroy, Ontario, Canada, to be used for research under the direction of John H. Wolford in Poultry Science.

Gifts and  
Grants

## B. GIFTS AND GRANTS, continued

October 26, 1973

4. Gifts as follows from the National Science Foundation to be used for research under the direction of Merle C. Potter in Mechanical Engineering:
  - a. IBM card punch machine valued at \$1,691
  - b. High vacuum pump valued at \$1,500
  - c. Pressure transducer valued at \$1,297
  - d. Amplifier valued at \$828.13
  - e. 10 pitot static tubes valued at \$1,150
  - f. Signal data converter valued at \$414,000
5. Gifts of 1 35mm microfilm aperture card mounter valued at \$1,730, 1 card mounter valued at \$4,655, and 1 Bruning Model 2,000 copying machined valued at \$1,380 from the National Science Foundation to be used for research under the direction of Richard Miller in Chemistry.
6. Gift of various types of insulated wire with a total value of \$399.64 from the Office of Naval Research Resident Representative, Ann Arbor, to be used for research under the direction of George Leroy in Chemistry.
7. Gift of 290 lineal feet of rustic rail fence valued at \$260 from Mr. John Knight, Rustic Rails, Inc., Sterling, to be used for arboretum overlook at Hidden Lake Gardens.
8. Gift of an oak desk valued at \$225 from Mr. and Mrs. Glenn A. Jaquays, East Lansing, to be used by William W. Beardsley in Intercollegiate Athletics.
9. Grants to be used for scholarship purposes:
  - a. For students in the College of Agriculture and Natural Resources:
    - \$1,500 from Farmers & Manufacturers Beet Sugar Association, Saginaw
    - \$1,800 from Moorman Mfg. Co., Quincy, Illinois
    - \$1,000 from The Farmers' Advance, Inc., Camden
  - b. \$4,000 from The S & H Foundation, Inc., New York, to provide scholarship assistance in the amount of \$3,000 to students in Food Systems Economics & Management and \$1,000 for the administration of the program
  - c. For recipients to be selected by the Ag. Tech Office:
    - \$25 from Diuble Feeds, Ann Arbor
    - \$300 from John Deere Co., Columbus, Ohio
    - \$25 from Muehl Implement Co., Inc., Sandusky, Ohio
    - \$1,000 from the Michigan Milk Producers Association, Detroit
  - d. \$1,500 from Frances R. Horwich, Scottsdale, Arizona, for students in the School of Hotel, Restaurant, and Institutional Management
  - e. \$50 from Julie R. Gamble, Trustee for Dorothy P. Gamble, San Francisco, for deposit to the E. Ross Gamble Memorial Scholarship Fund
  - f. \$1,500 from the Farmers & Manufacturers Beet Sugar Association, Saginaw, to provide assistance for a student in the College of Human Ecology
  - g. \$1,400 from the Michigan Foundation for Medical and Health Education, Inc., East Lansing, for loans to students in the College of Human Medicine
  - h. From the Department of Health, Education and Welfare for loan assistance as listed below:
    - \$145,425 for the College of Human Medicine
    - \$46,240 for the School of Nursing
    - \$79,960 for the College of Osteopathic Medicine
    - \$151,970 for the College of Veterinary Medicine
  - i. \$1,100 from the Amoco Foundation, Inc., Chicago; \$300 as an unrestricted grant to the Department of Geology and \$800 for an undergraduate student in Geophysics
  - j. \$6,000 from the James Norris Foundation, North Miami, Florida to be used as the Detroit Red Wings - Gordie Howe Scholarship
  - k. \$1,500 from The American Institute of Planners Foundation, Washington, D.C., to provide scholarship and financial assistance for minority students enrolled in the MSU undergraduate urban planning program
  - l. \$6.45 from the Estate of Lucile Kays Millar (John Wiley & Sons, Inc., royalty payments for period ending June 30, 1973) for use per instructions in the will of Lucile Kays Millar
  - m. \$10 from Mrs. George Gulash, Gaines, as a contribution to the John Gulash Memorial Scholarship Fund
  - n. \$60 from Walter Adams, East Lansing, as a contribution to the Martin Luther King Scholarship Fund
  - o. \$1,000 from AAUW-Lansing-East Lansing Branch for part-time scholarship assistance for wives of graduate students
  - p. \$750 from the Abex Foundation, Inc., New York, as an unrestricted grant
  - q. \$76 from Matthew J. Cotellesse, Lincoln Park, as an unrestricted grant
  - r. \$33.34 from The Maytag Co. Foundation, Inc., Newton, Iowa, as an unrestricted grant
10. Grants as follows to the MSU Development Fund:
  - a. \$500 from Peter J. Vaccaro, Okemos, for the English graduate magazine "The Gypsy Scholar"
  - b. \$26.18 from Margaret Barbour Humer, Pittsburgh, Pa., for the J. Murray Barbour Music Scholarship Fund
  - c. \$953.19 from The Lutheran Church-Missouri Synod, St. Louis, Mo. for the College of Education Dean's Discretionary Fund
  - d. \$150 from the A. M. General Corp., South Bend, Indiana, for the College of Engineering Dean's Discretionary Fund and Metallurgical Laboratory
  - e. \$5.00 from Norman A. Marceron, Westminster, Maryland, for outdoor education under the direction of Julian Smith in Administration and Higher Education

B. GIFTS AND GRANTS, continued

October 26, 1973

Gifts and  
Grants

10. Grants as follows to the MSU Development Fund, continued
  - f. \$12,000 from Benjamin R. Van Zwahlenburg, Grand Rapids, Michigan, to provide scholarships for tuition or other fees for students in the College of Human Medicine
  - g. \$70.25 from the Greater Lansing Auxiliary to the M.V.M.A. to replace needed books in the MSU Veterinary Alumni Reading Room
  - h. \$100 from Lynn H. Peltier, Lansing, for research projects in the Office of Institutional Research
  - i. For the C.C.I.P. Scholarship Fund:
    - \$100 from the East Lansing Kiwanis Club, East Lansing
    - \$5 from Mrs. Leona Weeks, East Lansing
    - \$10 from Mr. and Mrs. Henry Larzelere, East Lansing
  - j. \$5 from Mr. and Mrs. J. M. Jensen, East Lansing, for the Lyman Frimodig Fund
  - k. \$1 from J. Hamilton Licht, Baltimore, Md. for the LeRoy Augenstein Memorial Fund
  - l. \$100 from Daniel W. Litwhiler, East Lansing, for baseball equipment
  - m. For the Football Bust:
    - \$100 from David B. Graves, Perry
    - \$100 from Mid-America Life Assurance Co., Saginaw
11. Grant of \$46,193 from Benton Harbor-Benton Township Model Cities, Benton Harbor, to be used under the direction of G. E. Guyer in the Cooperative Extension Service to strengthen basic family units within Model neighborhood for low income families.
12. Grant of \$2,300 from County of Saginaw, Commissioners, Saginaw, to be used under the direction of G. E. Guyer in the Cooperative Extension Service to service low-socio-economic families and 4-H Youth in Saginaw County.
13. Grant of \$300 from American Dairy Association of Michigan, Inc., Lansing, to be used under the direction of N. A. Brown in the Cooperative Extension Service 4-H Youth Programs for Dairy banquet.
14. Grant of \$4,702.40 from Michigan 4-H Foundation, Hickory Corners, to be used under the direction of N. A. Brown in the 4-H Youth Programs for reimbursement for approved expenditures.
15. Grant of \$200 from National 4-H Service Committee, Inc., Chicago, to be used under the direction of N. A. Brown in the Cooperative Extension Service 4-H Youth Programs, for travel to regional tractor/small engines contests or program development.
16. Grant of \$1,000 from Chisholm-Ryder Company, Inc., Niagara Falls, New York, to be used under the direction of B. F. Cargill and D. E. Marshall in the Department of Agricultural Engineering for research in grape harvesting.
17. Grant of \$4,170 from Consumers Power Co., Jackson, Michigan, to be used under the direction of R. L. Maddex in the Department of Agricultural Engineering to support "Energy for Living" radio program and other educational programs related to application and use of electricity.
18. Grant of \$2,355 from Michigan Blueberry Growers Association, Grand Junction, to be used under the direction of D. R. Heldman and C. M. Hansen in the Department of Agricultural Engineering for research dealing with rejuvenation of blueberry plants.
19. Grant of \$3,500 from Michigan Concord Grape Production Research Fund, Lawton, Michigan, to be used under the direction of J. H. Levin and B. F. Cargill in the Department of Agricultural Engineering for continued research in grape harvesting.
20. Grant of \$1,000 from The Quaker Oats Company, Chicago, to be used under the direction of D. R. Heldman in the Department of Agricultural Engineering for freeze-drying research.
21. Grant of \$2,000 from U.S. Department of Agriculture, Washington, D.C., to be used under the direction of L. A. Mack in the Department of Agricultural Engineering to print and distribute to designated locations 10,000 packets and 2,000 Leader's Guides of Family Action Workshops Number 3, Food Emergencies, etc.
22. Grant of \$6,000 from Simmons Foundation, Saline, Michigan, to be used under the direction of H. A. Henneman in the Department of Animal Husbandry to improve livestock breeding and management program and provide educational materials for teaching livestock production.
23. Grant of \$21,409 from National Institutes of Health to be used under the direction of W. C. Deal, Jr., in the Department of Biochemistry to research cancer and the control of glycolysis.
24. Grant of \$2,500 from Michigan Brewers' Association, Detroit, to be used under the direction of J. E. Grafius in the Department of Crop and Soil Sciences for research and development of Michigan malting barley.
25. Grant of \$4,000 from Michigan Foundation Seed Association, East Lansing, to be used under the direction of E. H. Everson in the Department of Crop and Soil Sciences to develop new varieties of wheat.

Gifts and  
Grants

## B. GIFTS AND GRANTS, continued

October 26, 1973

26. Grant of \$1,000 from Michigan Foundation Seed Association, East Lansing, to be used under the direction of D. D. Harpstead in the Department of Crop and Soil Sciences for evaluation of genetic seed stocks for release for public utilization in the future.
27. Grant of \$1,000 from Stauffer Chemical Co., Mountain View, California, to be used under the direction of W. F. Meggitt in the Department of Crop and Soil Sciences to evaluate crop protectants in use of herbicides and evaluate new herbicides for weed control.
28. Grant of \$37,476 from Environmental Protection Agency, Grants Operation Branch, to be used under the direction of E. W. Roelofs in the Department of Fisheries and Wildlife for training of graduate students in water pollution biology.
29. Grant of \$5,000 from Dow Chemical Company, Midland, Michigan, to be used under the direction of J. R. Kirk in the Department of Food Science and Human Nutrition to investigate effect of light and dissolved oxygen on the stability of vitamin C in orange juice packaged in various types of containers.
30. Grant of \$26,747 from National Institutes of Health to be used under the direction of G. A. Leveille in the Department of Food Science and Human Nutrition to develop understanding of interrelationship between nutrition and lipid metabolism in various species.
31. Grant of \$21,039 from National Institutes of Health to be used under the direction of J. R. Brunner in the Department of Food Science and Human Nutrition for reevaluation of effects of contemporary processes on nutritive quality of food proteins.
32. Grant of \$1,200 from 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.
33. Grant of \$2,105 from University of Rhode Island, Kingston, Rhode Island, to be used under the direction of T. I. Hedrick in the Department of Food Science and Human Nutrition for services to assist Central America Res. Inst. for Industry, Guatemala.
34. Grant of \$200 from Gulf Oil Corporation, Merriam, Kansas, to be used under the direction of A. R. Putnam in the Department of Horticulture for herbicide research programs in progress.
35. Grant of \$1,000 from Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of L. R. Baker in the Department of Horticulture for on-going research on cucumber breeding.
36. Grant of \$500 from Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of S. Honma in the Department of Horticulture for on-going pepper research.
37. Grant of \$500 from Stauffer Chemical Company, San Francisco, California, to be used under the direction of A. R. Putnam in the Department of Horticulture for herbicide research programs in progress.
38. Grant of \$1,500 from Washington State University, Pullman, Washington, to be used under the direction of R. L. Anderson in the Department of Horticulture for testing of virus-free deciduous tree fruit clones for trueness to type.
39. Grant of \$3,000 from Ford Motor Company, Dearborn, to be used under the direction of J. W. Goff in the School of Packaging to continue basic research in control of damage and loss in distribution.
40. Grant of \$500 from National Nail Packaging Corporation, Grand Rapids, to be used under the direction of J. W. Goff in the School of Packaging as an unrestricted grant.
41. Grant of \$5,200 from The Society of the Plastics Industry, Inc., New York, to be used under the direction of J. W. Goff in the School of Packaging for research on problems associated with the degradation of plastics.
42. Grant of \$5,000 from Schering Corporation, Kenilworth, New Jersey, to be used under the direction of T. S. Chang in the Department of Poultry Science to compare efficacy of cell-associated and cell-free turkey herpesvirus vaccines.
43. Grant of \$33,750 from Michigan Department of Education, Lansing, to be used under the direction of C. Arensmeier in the Agricultural and Natural Resources Education Institute to promote state-wide coordination for Michigan Future Farmers with Michigan Department of Education and local educational agencies.
44. Grant of \$33,450 from Michigan Department of Education, Lansing, to be used under the direction of F. Ladlie in the Agricultural and Natural Resources Education Institute to promote state-wide coordination for Michigan Future Homemakers with Michigan Department of Education and local educational agencies.
45. Grant of \$13,894 from University of Wisconsin on behalf of MUCIA to be used under the direction of I. R. Wyeth in the Institute of International Agriculture for services by Merle Esmay as short-term adviser in MUCIA/AID Indonesia project.

## B. GIFTS AND GRANTS, continued

October 26, 1973

Gifts and  
Grants

46. Grant of \$9,554 from University of Wisconsin on behalf of MUCIA to be used under the direction of I. R. Wyeth in the Institute of International Agriculture for services by Otto Suchsland as short-term adviser in MUCIA/AID Indonesia project.
47. Grant of \$6.75 from Richard L. Panich, Durand, to be used under the direction of K. Louhi in the Dean's Office, College of Business and Graduate School of Business Administration as an unrestricted grant.
48. Grant of \$10 from Dean S. Eiteman, Dayton, Ohio, to be used under the direction of G. M. Jones in the Department of Accounting and Financial Administration for departmental fellowship fund.
49. Grant of \$1,000 from Industrial Controls Division, Bendix Corporation, Detroit, to be used under the direction of D. A. Taylor in the Department of Marketing and Transportation Administration for the development of marketing program and faculty.
50. Grant of \$500 from Allied Telephone Co., Little Rock, Arkansas, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
51. Grant of \$1,500 from Central Illinois Light Company, Peoria, Illinois, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
52. Grant of \$3,500 from Consolidated Natural Gas Service Company, Pittsburgh, Pennsylvania, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
53. Grant of \$3,500 from Consumers Power Company, Jackson, Michigan, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
54. Grant of \$2,500 from Northern Illinois Gas Company, Aurora, Illinois, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
55. Grant of \$3,500 from Pacific Gas and Electric Company, San Francisco, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
56. Grant of \$3,500 from Panhandle Eastern Pipe Line Company, Houston, Texas, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
57. Grant of \$1,000 from Rochester Telephone Corporation, Rochester, New York, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
58. Grant of \$3,500 from Texas Eastern Transmission Corporation, Houston, Texas, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
59. Accepted the grant of \$3,500 from United Telecommunications, Inc., Kansas City, Missouri, to be used under the direction of H. M. Trebing in the Institute of Public Utilities to support activities of the Institute.
60. Grant of \$1,000 from The Michigan Foundation for Hospitality Education, East Lansing, to be used under the direction of R. L. Blomstrom in the School of Hotel, Restaurant, and Institutional Management to support activities of the School of Hotel, Restaurant, and Institutional Management.
61. Grant of \$4,000 from Aquinas Fund, New York, to be used under the direction of V. C. Johnson in the Department of Administration and Higher Education for a fellowship for Daphne Williams.
62. Grant of \$2,000 from American Association for Health, Physical Education, and Recreation, Washington, D.C., to be used under the direction of J. W. Smith in the Department of Administration and Higher Education for Outdoor Education Project.
63. Grant of \$4,000 from the Perry Public School District, Perry, to be used under the direction of A. J. Kloster in the Department of Administration and Higher Education for assistance in instructional improvement; remediative programs in math and reading in grades K-6.
64. Grant of \$730 from various donors to be used under the direction of N. Kagan in the Department of Counseling, Personnel Services, and Educational Psychology for interpersonal process recall research.
65. Grant of \$15,402 from Lansing School District and U.S.O.E., Lansing, to be used under the direction of L. D. McIntyre in the Department of Elementary and Special Education to provide overview of competency based education, community based education, and bilingual education for team leaders, cooperating teachers, and interns in eighth-cycle Teacher Corps.

Gifts and  
Grants

## B. GIFTS AND GRANTS, continued

October 26, 1973

66. Grant of \$300,000 from U.S. Office of Education, Washington D.C., to be used under the direction of L. Alonso in the Department of Elementary and Special Education for location and development of auditory learning materials, stimulating intrastate associate center development, consulting on educational technology, maintaining loan collection and materials dissemination for handicapped learners.
67. Grant of \$10,050 from Lansing School District, Lansing, to be used under the direction of G. Mikles in the Department of Health, Physical Education, and Recreation for motor skill development program with in-service training of classroom teachers K-1.
68. Grant of \$61,996.84 from U.S. Office of Education, Washington, D.C., to be used under the direction of J. E. Henderson, H. Barnes, and J. L. Byers in the School of Teacher Education to produce instructional materials for evaluation of previous years' instructional materials dealing with interpersonal communication skills.
69. Grant of \$29,993 from Agency for International Development, Washington, D.C., to be used under the direction of K. L. Neff in the Institute for International Studies in Education for continuation of Contract AID/nesa-365 through 2-28-74.
70. Grant of \$4,775 from International Research and Exchanges Board, New York, to be used under the direction of R. W. Little in the Division of Engineering Research for a postdoctoral fellowship for Wladyslaw Stepniewski.
71. Grant of \$5,000 from U.S. Department of Transportation, Washington, D.C., to be used under the direction of W. C. Taylor in the Division of Engineering Research as a fellowship grant to T. L. Maleck.
72. Grant of \$5,000 from U.S. Department of Transportation, Washington, D.C., to be used under the direction of O. B. Andersland in the Division of Engineering Research as a fellowship grant to F. T. Hsia.
73. Grant of \$2,500 from Monsanto Company, St. Louis, Missouri, to be used under the direction of M. H. Chetrick in the Department of Chemical Engineering as an unrestricted grant.
74. Grant of \$15 from George B. Weiss, East Lansing, to be used under the direction of A. D. Hunt in the College of Human Medicine as aid for medical students.
75. Grant of \$71,773 from National Institutes of Health to be used under the direction of W. W. Wells in the Department of Biochemistry to study energy relationships in inborn errors of metabolism.
76. Grant of \$5,000 from The Upjohn Company, Kalamazoo, to be used under the direction of C. C. Sweeley and J. F. Holland in the Department of Biochemistry as unrestricted support of Biochemical Instrument Group.
77. Grant of \$5,000 from National Tuberculosis and Respiratory Disease Association, New York, to be used under the direction of T. Helmuth in the Department of Human Development for decision trees for newborn clinical management, development and evaluation.
78. Grant of \$3,100 from E. R. Squibb and Sons, Inc., Princeton, New Jersey, to be used under the direction of M. D. Bailie in the Department of Human Development as an unrestricted grant.
79. Grant of \$6,800 from Searle Laboratories, Chicago, to be used under the direction of D. R. Rovner and R. K. Ferguson in the Department of Medicine to determine whether plasma renin activity is valid predictor of response to anti-hypertensive medication.
80. Grant of \$48,998 from National Institutes of Health to be used under the direction of K. Moore in the Department of Pharmacology to study catecholamines as central nervous transmitters.
81. Grant of \$33,062 from National Institutes of Health to be used under the direction of G. L. Gebber in the Department of Pharmacology to study central neural control of cardiovascular function.
82. Grant of \$28,627 from National Institutes of Health to be used under the direction of J. B. Hook in the Department of Pharmacology to study factors affecting renal physiology in the newborn.
83. Grant of \$36,460 from National Institutes of Health to be used under the direction of R. M. Daugherty, Jr., in the Department of Physiology to study the effect of procedures on ischemic limb O<sub>2</sub> and blood flow.
84. Grant of \$20,709 from National Institutes of Health to be used under the direction of T. E. Emerson in the Department of Physiology to study the role of cerebral circulation and CNS in shock.
85. Grant of \$31,952 from National Institutes of Health to be used under the direction of H. W. Overbeck in the Department of Physiology to study hemodynamics and vasoactivity in renal hypertension.



B. GIFTS AND GRANTS, continued

October 26, 1973

Gifts and  
Grants

86. Grant of \$46,907 from National Library of Medicine, Bethesda, Maryland, to be used under the direction of H. Jason in the Office of Medical Education Research and Development to continue to identify and evaluate educational programs of Lister Hill Center for Biomedical Communications and make recommendations as to inclusion in programs of National Library of Medicine.
87. Grant of \$61,200 from National Science Foundation, Washington, D.C., to be used under the direction of H. J. Rood in the Department of Astronomy to determine physical properties of clusters of galaxies.
88. Grant of \$20,200 from National Science Foundation, Washington, D.C., to be used under the direction of H. A. Imshaug in the Department of Botany and Plant Pathology for analysis of terrestrial cryptogams of the Subantarctic.
89. Grant of \$39,343 from National Institutes of Health to be used under the direction of J. E. Wilson in the Department of Biochemistry to study hexokinase forms in developing brain.
90. Grant of \$6,000 from Eastman Kodak Company, Rochester, New York, to be used under the direction of H. A. Eick in the Department of Chemistry as an unrestricted grant.
91. Grant of \$32,000 from National Science Foundation, Washington, D.C., to be used under the direction of P. J. Wagner in the Department of Chemistry to study structure-reactivity relationships in ketone photochemistry.
92. Grant of \$4,500 from BASF Wyandotte Corporation, Parsippany, New Jersey, to be used under the direction of M. Zabik in the Department of Entomology for photo-decomposition studies.
93. Grant of \$300 from CIBA-Geigy Corporation, Greensboro, North Carolina, to be used under the direction of A. Howitt in the Department of Entomology for evaluation of insecticides for control of fruit pests.
94. Grant of \$500 from ICI America Inc., Wilmington, Delaware, to be used under the direction of A. Wells in the Department of Entomology for vegetable research.
95. Grant of \$1,500 from Michigan Bean Commission, Lansing, to be used under the direction of A. Wells and R. Ruppel in the Department of Entomology for field bean research.
96. Grant of \$300 from Stauffer Chemical Company, Mountain View, California, to be used under the direction of R. Ruppel in the Department of Entomology for field and forage crop research.
97. Grant of \$200 from Keck Consulting Services, Inc., East Lansing, to be used under the direction of R. Carmichael in the Department of Geology for research in field of geophysics.
98. Grant of \$1,000 from National Institutes of Health to be used under the direction of W. T. Charnetzky and R. R. Brubaker in the Department of Microbiology and Public Health for research fellowship supply allowance award.
99. Grant of \$30,800 from National Institutes of Health to be used under the direction of C. S. Thornton in the Department of Zoology for growth regulation in amphibian regenerates.
100. Grant of \$6,221 from National Institutes of Health to be used under the direction of L. Brouillette in the School of Nursing for workshop improvement of Public Health Nursing Practice.
101. Grant of \$35,000 from National Science Foundation to be used under the direction of R. G. Wetzel in the Kellogg Biological Station to study effects of macrophyte exudates on metabolism of phytoplankton.
102. Grant of \$74,921 from Van Buren Intermediate School District, Lawrence, Michigan, to be used under the direction of B. R. Stovall in the Science and Mathematics Teaching Center to develop oral language performance objectives, oral language test, oral science lessons training courses, field support for their implementation.
103. Grant of \$30,000 from Michigan Osteopathic College Foundation, Detroit, to be used under the direction of M. S. Magen in the Dean's Office, College of Osteopathic Medicine to establish fellowship program for training of potential teaching and research faculty in osteopathic medicine.
104. Grant of \$23,600 from A. T. Still Osteopathic Foundation & Research Institute, Chicago, to be used under the direction of E. Kuntz in the Department of Biomechanics to investigate neurotrophic regulation of muscle structure and function.
105. Grant of \$7,710 from U.S. Office of Education to be used under the direction of I. Ishino in the Department of Anthropology for doctoral field research.

Gifts and  
Grants

## B. GIFTS AND GRANTS, continued

October 26, 1973

106. Grant of \$27,538 from University of Notre Dame, Notre Dame, Indiana, to be used under the direction of A. J. Rubel in the Department of Anthropology for investigation of social and cultural correlates of the use and/or abuse of drug by segments of the Chicano population in and around metropolitan Chicago.
107. Grant of \$1,153 from Commission on Geography and Afro-American Association of American Geographers, Ann Arbor, to be used under the direction of L. Sommers in the Department of Geography to upgrade minority graduate students so they may better perform when they return to predominantly black colleges and universities.
108. Grant of \$300 from Lead, Inc., Ewart, Michigan, to be used under the direction of C. Johnson in the Department of Psychology for technical information and assistance for program called Community Leadership; the New Federalism.
109. Grant of \$300 from Northwestern University, Evanston, Illinois, to be used under the direction of R. Calsyn in the Department of Psychology for the Calsyn research project.
110. Grant of \$200 from Herbert Bergman, East Lansing, to be used under the direction of H. Bergman in the Department of American Thought and Language for curriculum development, experimentation, research and publication.
111. Grant of \$13,500 from U.S. Department of Agriculture, Hyattsville, Maryland, to be used under the direction of V. Mallmann in the Department of Microbiology and Public Health to study animal tuberculosis.
112. Grant of \$4,000 from Upjohn Company to be used under the direction of C. Romero-Mercado in the Department of Microbiology and Public Health for fellowship award.
113. Grant of \$31,159 from National Institutes of Health to be used under the direction of T. Tobin in the Department of Pharmacology to study cardiovascular drugs and the  $\text{Na}^+ + \text{K}^+ - \text{ATPase}$ .
114. Grant of \$22,564 from National Institutes of Health to be used under the direction of F. Welsch in the Department of Pharmacology to study distribution and functions of ACH in placenta.
115. Grant of \$90,691 from National Institutes of Health to be used under the direction of R.A. Bernard in the Department of Physiology for electrophysiological studies of the gustatory system.
116. Grant of \$35,415 from National Institutes of Health to be used under the direction of P. O. Fromm in the Department of Physiology for comparative physiological studies of vertebrate eyes.
117. Grant of \$20,203 from National Institutes of Health to be used under the direction of J. M. Schwinghamer in the Department of Physiology to study cardiovascular responses to hypothermia.
118. Grant of \$32,521 from National Institutes of Health to be used under the direction of W. D. Oxender in the Department of Large Animal Surgery and Medicine to study fetal hypophysealgonadal relationships.
119. Grant of \$2,784.45 from Parke-Davis & Company, Ann Arbor, to be used under the direction of W. F. Riley, Jr., in the Department of Large Animal Surgery and Medicine for completion of project - Protocol V583-153.
120. Grant of \$15,300 from Morris Animal Foundation, Denver, Colorado, to be used under the direction of W. F. Keller in the Department of Small Animal Surgery and Medicine to study serum and lacrimal immunoglobulins in normal German Shepherds and German Shepherds with Pannus.
121. Grant of \$200 from Gladys Olds Anderson, Lansing, to be used under the direction of A. L. Hunter in the Continuing Education Service for Adventure in World Understanding program.
122. Grant of \$25 from Mrs. Francis N. Fine, Lansing, to be used under the direction of A. L. Hunter in the Continuing Education Service for Adventure in World Understanding program.
123. Grant of \$8,600 from Department of the Air Force, PACAF Procurement Center, to be used under the direction of S. Cherney in the Office of International Extension for government portion of tuition for DOD Dependent School enrollees in MSU Graduate Ed. Overseas courses.
124. Grant of \$550.77 from Holt Kiwanis Club and MSU Business Women's Club to be used under the direction of R. Estell in Radio Broadcasting to provide program services for blind and physically handicapped and purchase subchannel receivers.
125. Grant of \$39,876 from Michigan Law Enforcement Officers Training Council, East Lansing, to be used under the direction of J. E. Carnahan in the Highway Traffic Safety Center to provide six 40-hour courses in police alcohol enforcement to train officers from law enforcement agencies in the state of Michigan.



B. GIFTS AND GRANTS, continued

October 26, 1973

Gifts and  
Grants

126. Grant of \$59,400 from National Science Foundation, Washington, D.C., to be used under the direction of C. W. Minkel in the School for Advanced Graduate Studies to support 9 National Science Foundation graduate fellows.
127. Grant of \$500 from Drusila Farwell Foundation, Detroit, to be used under the direction of R. E. Chapin in the Libraries to purchase materials relating to Judaism.
128. Grant of \$300 from Robert H. Coddington, Paxton, Illinois, to be used under the direction of R. H. Baker in the Museum for publications.
129. Grant of \$89,000 from U.S. Office of Education to be used under the direction of J. B. Hamilton in the Office of the Assistant Provost for Special Programs to provide educational services to low income students which supplements instructional programs in which these students participate.
130. Grant of \$50,000 from an anonymous donor to be used under the direction of R. E. Wilkinson in the Office of the Vice President for Business and Finance for the establishment of charitable remainder annuity trust.
131. Grant of \$82,000 from W. K. Kellogg Foundation, Battle Creek, to be used under the direction of N. Elliott in the Office of the Vice President for Business and Finance for purchase of Bergner property contiguous to Kellogg Biological Station.

A grant of \$18,000 from the U.S. Department of Agriculture for research under the direction of L. F. Velicer in Microbiology and Public Health, accepted at the September 21 Board meeting, will not be funded. Acceptance of this grant should therefore be rescinded.

On motion by Trustee Thompson, seconded by Trustee Martin, it was unanimously voted to accept the Gifts and Grants and to rescind acceptance of the \$18,000 grant from the USDA.

C. BIDS AND CONTRACT AWARDS

1. The following bids were received on September 25, 1973 for Case Hall - Alterations to Heating System:

<u>Contractors</u>	<u>Base Bid</u>	<u>Alternate No. 1 (Add)</u>	<u>Base Bid Plus Alt. No. 1</u>
Dard, Inc.	\$26,160	\$18,800	\$44,960
John E. Green Co., Inc.	34,480	21,190	55,670
United Piping & Erecting Co.	24,000	34,013	58,013
Bosch Plumbing & Heating Co.	32,923	25,951	58,874

The base bid includes replacing the hot water heating pumps and repiping to allow for more dependable operation and improved room temperatures along with reduced maintenance. Alternate No. 1 provides the replacement of heating coils for the main supply air fans in the residential wings along with improving the air filtration.

It is recommended that a contract be awarded to Dard, Inc. in the amount of \$44,960 (base bid of \$26,160 plus Alternate No. 1 of \$18,800), and that the following budget be established:

Dard, Inc. contract	\$44,960
Contingencies	2,840
Engineering, Supervision, and Expediting	<u>2,200</u>
Total Expected Expenditures	\$50,000

Funds are available in account 21-2786 for this project.

RESOLVED that a contract be awarded to Dard, Inc. and that the recommended budget be approved for the above project.

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

Bids and  
Contract  
AwardsAlterations to  
Case Hall  
Heating System

7972

Other Items  
for Action

\$1,500 fee for  
Greater Detroit  
Advanced Manage-  
ment MBA program  
approved

Dept. of Family  
Practice  
established

D. OTHER ITEMS FOR ACTION

October 26, 1973

1. During a recent internal audit it was discovered that formal Board of Trustees approval of specific fees for the Detroit MBA program is not recorded. To correct this missing item the following has been reviewed jointly by Mr. Robert Wenner, Director of Internal Audit, and Dr. Kullervo Louhi, Dean of the College of Business. It comes to the Board with the administration's recommendation for approval.

RESOLVED: The current fee for enrollment in the Detroit Advanced Management MBA Program of \$1,500 per year is hereby formally approved. The fee is allocated in two parts -- one to cover regular tuition rates at the current graduate rate per credit hour, the balance to be used for support of costs not provided for, such as personnel, support services, and expenses of offering and updating the instructional programs of the College of Business.

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

The question of whether or not this program should be included in the budgetary process was raised and President Wharton suggested the administration examine its procedures and report to the Trustees with any proposed changes.

2. Dean Hunt had forwarded a request for approval of a Department of Family Practice in the College of Human Medicine. This request was based upon a long study by faculty in the College.

Staff in the Provost's Office have examined the request and their evaluation confirms:

- (a) Addition of such a department would be in line with current trends in U.S. medical schools. There are 35 full-fledged family practice departments in U.S. M.D.-granting institutions. At the post-graduate level there are 173 such programs nationally.
- (b) Such an addition to the current plans will increase the cost of our College of Human Medicine. About 8.5 additional M.D. clinical faculty and 5.0 other medical support people would be required when the program reached full strength. At today's costs this would require \$645,000 more per year for the College of Human Medicine's program if there is no reduction in projected needs of other departments already approved.
- (c) A proposal has been prepared and discussed informally with the Kellogg Foundation which requests five year foundation support, both to speed up activation of the new department and to ease the rate at which new appropriated funds would be required.
- (d) The proposed funding would be approximately --

Year	MSU	Kellogg
1974-75	\$ 92,000	\$258,000
1975-76	218,000	264,000
1976-77	310,000	282,000
1977-78	476,000	143,000
1978-79	572,000	73,000
1979-80	645,000	--

- (e) The addition of this new department is not visualized as a basis for increasing medical student enrollment in the college. The college does not yet know whether the currently projected faculty expansion in existing CHM departments can be reduced substantially by making this new addition.

The College of Osteopathic Medicine already has an operational clinical Department of Family Medicine. It is the judgment of both Dean Hunt and Dean Magen that a shared department of family medicine is not possible at this time. The two colleges do currently share common departments in all the basic and behavioral sciences and in the clinical departments of psychiatry, radiology and anesthesiology.

Dean Hunt has agreed, if the new department is approved, to develop cooperative arrangements between it and its counterpart in COM.

The State cost study for medical schools is now planning to generate hard data for cost comparisons among medical school programs. Provost Cantlon recommended that this new department be approved with the clear understanding that as much of the additional cost as possible be made a part of the currently projected budget for the College of Human Medicine.

RESOLVED: The Board hereby approves the establishment of a Department of Family Practice in the College of Human Medicine, effective July 1, 1974.

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

D. OTHER ITEMS FOR ACTION, continued

October 26, 1973

3. Recommendation that Botany and Plant Pathology Report Jointly to the Colleges of Natural Science and Agriculture and Natural Resources

Botany and Plant Pathology to report jointly to Col. of Agr. & Nat. Res. and Col. of Nat. Sci.

The recommendation that the above-named department report jointly to the two colleges has the endorsement of the following:

- (a) The majority of the department's faculty
- (b) An external review committee of three nationally prominent plant scientists
- (c) The directors of the Agricultural Experiment Station and the Cooperative Extension Service.

The two deans are agreed that this is in the best long-range interests of this distinguished department.

The administration also endorses this recommendation.

RESOLVED: That the Department of Botany and Plant Pathology become a joint department, reporting administratively both to the College of Natural Science and the College of Agriculture and Natural Resources, effective November 1, 1973.

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

4. The final step in moving the Department of Natural Science from Fee Hall to Akers Hall is preparation of a second teaching laboratory for it in the latter building. Relocation of the department's east complex residence hall program was necessitated by the dedication of Fee Hall to the University's medical programs.

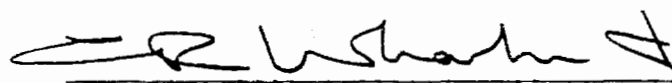
Approval alterations to Room 134 Akers Hall

Space is available in Room 134, Akers Hall, formerly assigned to the Language Laboratory but in recent years far under-utilized and plagued increasingly by failing equipment. It has been decided to discontinue the east complex language lab and concentrate that entire operation in the University's major facility in Wells Hall. Conversion of the room to a Natural Science teaching laboratory has been estimated at \$11,800. If approved by the Board of Trustees, the entire project will be funded by account No. 11-5173, Special Alterations and Improvements.

RESOLVED that the conversion of Room 134 Akers Hall to a teaching laboratory for the Department of Natural Science is approved as recommended.

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

Adjourned at 11:35 a.m.

  
President

  
Secretary