MINUTES OF THE MEETING of the FINANCE COMMITTEE March 17, 1960

The Finance Committee convened at Kellogg Center at 7:00 a.m. for breakfast.

The following members were present:

Messrs. Harlan, Huff, Merriman, Smith, Stevens; Dr. Bartlett; President Hannah, Treasurer May and Secretary McDonel

Absent: Mr. Vanderploeg

1. Scudder, Stevens and Clark and Mr. Earl H. Cress recommended action on the following investment items:

Approval investment recommendations.

4281

Fee on \$ 732,104 @ 1/8 of 1%

1960 Fee

	Amount	Security		Approx. Price	Principal	Income	Yield
	avail	substitute for February able cash of \$8,000 Fede al National Mortgage Ass	ral Land Bank	5 1/8s-7/20/	1970 and \$100	,000	
	\$35,000 \$13,000 \$60,000	Metropolitan Toronto Metropolitan Toronto Metropolitan Toronto	5s-1974	9912 992 992	\$34,825 12,935 59,700 \$107,460	\$1,750 650 <u>3,075</u> \$5,475	5.10% 5.15% 5.15%
	Recom	mend purchasing:					
	up to \$300,000	U.S. Treasury Certifica 4 3/4s-11-15-60	tes	100*	\$300,000	\$14,250	4. 46%
	\$100,000	General Motors Acceptan	ce Corp.	100E	100,000	5,000	5.00%E
	\$200,000	5s-1981 Top quality corporate b Mr. Cress and reported					
		Deere & Co. Household Finance Johns-Manville Standard Oil-New Jersey		50 41 28 50	50,000 49,200 50,400 50,000	2,400 2,160 2,000	
		(930 shs held)	2.20	45	3,150	154	4.90%
2.	Compensa	tion for Scudder, Steven	s & Clark:				
	January	1, 1960, Principal Value			\$ 9,625,28	30	
	Mortg MSU B	nment Bonds* ages	\$ none 1,638,2 992,0 _2,262,7 to fee	94	<u>4,893,17</u> \$ 4,732,10	6 14	
		n \$2,000,000 at $\frac{1}{4}$ of 1% n \$2,000,000 @ 3/16 of 1	\$5,0 % 3,7				

On motion of Mr. Merriman, seconded by Mr. Huff, it was voted to approve items 1 and 2 with the suggestion that Scudder, Stevens and Clark and Mr. Cress take another look at Household Finance Company. If they continue to think that this stock should be purchased, the Board would be willing to give this further consideration at its next meeting.

3. The University has been cooperating in the administration of scholarship funds made available by the United States Congress under the National Defense Education Act of 1958. In order that there may be a complete record in the Board minutes of all financial transactions, the following letter from Mr. May was requested for inclusion in the minutes of today's meeting:

National Defense Education Act of 1958

Several days ago you asked me for a brief report on the National Defense Student Loan Program for the Board. Listed below are the important points which reflect the University's participation in this program.

1. A total of \$500,000 has been received from the Department of Health, Education, and Welfare. This represents the maximum allocation of \$250,000 per year to any single institution.

Finance Committee Items, continued:

March 17, 1960

- 3. National Defense Education Act, continued:
  - 2. The University has used \$55,555.56 from the Law Enforcement Fund for its required matching money.
  - 3. To date the Student Loan Committee has approved loans to 738 individuals amounting to \$430,109.21.
  - 4. The Loan Committee intends to hold \$100,000 of uncommitted funds for the use of freshmen entering school in the fall of 1960. It expects to use the remaining \$25,446.35 for new loan applications during the balance of this school year.

As the Board probably knows, the National Defense Student Loan Act sets up priorities of eligible applicants. Priority must be given first to students intending to teach in the elementary or secondary school systems; second, to students majoring in the science field; and, third, to any other students with need. This priority system creates some problems of administration because until the student reaches the junior or senior year, it is very easy for him to change his major. Further, some of our best students enter as freshmen with no preference listed.

To date, we have found that many of our loan applications come from graduate students. This is partly due to the fact that most of the other University loan funds are reserved for undergraduate students, plus the fact that the maximum loan to any one student is \$300.

Although there have been a few students objecting to the loyalty oath and affidavit, there are still many students who are willing to sign both forms in order to obtain a loan. I think this University is right in joining with other land-grant institutions in recommending that the disclaimer affidavit be eliminated as a requirement for the loan, but do not believe we should drop out of the program when there are so many students in need of this help.

4. Mr. Breslin discussed developments in the legislature of concern to the Trustees with particular reference to the appropriation acts of 1960-61.

5. Request from the Art Department for air conditioning in the Kresge Art Center. Complete cooling would cost \$80,000; partial relief could be obtained for an investment of \$12,000 or \$13,000.

We have a request that has been held in the Board folder for five years requesting air conditioning for Berkey Hall and the Fairchild Theater and some related sections of the Auditorium to accomodate Summer School. At that time it was estimated that the air conditioning of Berkey Hall would cost approximately \$190,000, and the total cost of air conditioning the Auditorium Buildings would be \$228,800.

## No action.

Travel expenses not approved for meetings

outside U.S.

and Canada

6. There is a tendency for scientific groups to increasingly hold their meetings in Mexico and elsewhere outside the United States. It has been the long-time policy not to use University funds for travel to scientific meetings, conferences, etc., outside of the United States or Canada.

Increasingly requests are being received for approval for University-authorized travel to meetings in Mexico and elsewhere in Latin America. Unless the Board feels otherwise, it is our intention to adhere to the long-established policy and not to approve travel expenses for meetings outside the United States or Canada.

No action.

7. Vice President Muelder discussed negotiations with the Institute of Science and Technology of the University of Michigan.

Report on legislative appropriations

No action on air conditioning for Kresge Art Center

to be offered 8. for site for major classical theater to serve Det.area. On motion of Mr. Harlan, seconded by Mr. Stevens, it was voted to approve the above suggestion.

Mr. Varner suggests that he be authorized to offer land at MSU-O for a site for a major classical theater to serve the Detroit area.

Adjourned.

MINUTES OF THE MEETING of the BOARD OF TRUSTEES March 17, 1960

Present:

t: Dr. Smith, Chairman; Messrs. Harlan, Huff, Merriman, Stevens; Dr. Bartlett; President Hannah, Treasurer May and Secretary McDonel

Absent: Mr. Vanderploeg

The meeting was called to order at 10:20 a.m.

The minutes of the previous meeting were approved.

## SPECIAL MISCELLANEOUS

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

On motion of Dr. Smith, seconded by Mr. Huff, it was voted to approve the Finance Committee Items.

- 2. Recommendation that the following changes be approved for the College of Education to be effective July 1, 1960:
  - a. Eliminate the designation of the Departments of Administrative and Educational Services, Foundations of Education, and Teacher Education. As a natural result of this action, all faculty members in these three departments will become faculty members in the College of Education rather than a department.
  - b. Change the title for Wilbur Brookover to Professor and Assistant Dean for Research and Publications.
  - c. Change the title for Leland Dean to Associate Professor and Assistant Dean for Student Affairs.
  - d. Change the title for Raymond Hatch to Professor and Assistant Dean for Off-Campus Affairs.
  - e. Change the title for William Hawley to Professor and Assistant Dean for Curriculum and Programs.
  - f. Change the title for Robert Hopper to Professor and Assistant Dean for Administrative Services.
  - g. Change the title for Cole Brembeck to Professor of Education.

Dean Erickson appeared before the Board to discuss this item.

On motion of Dr. Smith, seconded by Mr. Stevens, it was voted to approve the above changes for the Establishment College of Education. Grad. School

3. Recommendation from Dean Seelye for the establishment of the Graduate School of Business Administration, effective April 1, 1960.

On motion of Mr. Huff, seconded by Mr. Stevens, it was voted to approve the establishment of a Graduate School of Business Administration effective April 1, 1960.

4. The Council of Deans unanimously recommended that the name of the Basic College be changed to University College, effective July 1, 1960.

On motion of Mr. Stevens, seconded by Mr. Harlan, it was voted to approve the above recommendation. re: discrimina-

5. Discussion of recent publicity having to do with discrimination in University housing.

On motion of Mr. Stevens, seconded by Dr. Smith, it was voted to reaffirm the Board's policy that there be no discrimination for race, color, creed or national origin condoned in University housing or approved off-campus housing.

6. In connection with the assignment of Richard O. Niehoff as Chief Adviser of the Pakistan Project, the following resolution needs approval to permit him to sign housing leases for Approval changes College of Education July 1, 1960

Grad. School Business Adm.

Basic College changes to University College

Board's policy re: discrimination in housing reaffirmed

Approval resolution to permit signing

employees there in the name of the University:

WHEREAS the Michigan State University Board of Trustees under Article XI of the constitution of the State of Michigan has sole jurisdiction and responsibility for the operation of the Michigan State University of Agriculture and Applied Science, hereinafter referred to as the University; and

WHEREAS the University under date of June 10, 1957, has entered into agreements with the Government of Pakistan and the Ford Foundation for assistance in planning and inaugurating two academies for Village Development; and

WHEREAS it is necessary for the staff of the University to rent office space and dwellings in carrying out programs covered by the reference contracts; and

WHEREAS it is necessary for the renting of such facilities to be covered by leases negotiated in Pakistan:

housing leases employees in Pakistan Proj.

continued - -

# SPECIAL MISCELLANEOUS, continued

6. Resolution permitting Richard Niehoff to sign housing leases, Pakistan Project, continued:

NOW THEREFORE BE IT RESOLVED That Mr. Richard O. Niehoff, Chief Adviser, Michigan State University's Project in Pakistan, is hereby authorized to sign leases for the required facilities in the name of Michigan State University of Agriculture and Applied Science for a period of time up to and including December 31, 1962.

On motion of Mr. Huff, seconded by Mr. Harlan, it was voted to approve the above resolution.

7. The following bids were received for construction work on the fourth floor of the library:

## General Construction

Hanel-Vance	\$34,994
Granger Construction Company	36,300
Banta-Brooks, Inc.	37,600
Haussman	37,883
Reniger Construction Company	39,154

Mechanical Trades

Farrington Company	\$41,991
R. L. Spitzley	42,475
United Piping	42,888
Shaw-Winkler	44,410
J. A. Dart	49,275
Dard, Inc.	52,250

Electrical Trades

Hall Electric	\$14,666
Hatzel-Buehler	16,900
Barker-Fowler	18,740
Lansing Electric Motors	20,150
Central Electric	21,000

It is recommended that the low bids be approved.

The construction can be completed and all carrells equipped within the original \$150,000 appropriation. The new budget for this project is now:

Construction	\$ 91,651
Engineering	5,000
Partitions	35,000
Contingency	18,349
	 \$1,50,000

On motion of Dr. Smith, seconded by Mr. Merriman, it was voted to approve awarding the contracts to the low bidders as listed above.

## PRESIDENT'S REPORT

1. Cancellation of leave of absence without pay for Ira B. Baccus, Professor of Electrical Engineering, from March 8 to April 7, 1960.

2. Approved the sale of the Skinner property in East Lansing for \$65,000 cash.

## NEW BUSINESS

# Resignations and Terminations

1. Barbara E. Culver, Home Economics Agent, Oceana County, May 14, 1960 to be married.

4284

Bids for construction work 4th floor Library let.

Cancellation

Approval sale

Resignations

I.B. Baccus

leave

Skinner

property

- 2. Kenneth Macrorie, Assistant Professor of Communication Skills, August 31, 1960, to accept a position at San Francisco State College.
- 3. John P. Davis, Lecturer in Hotel, Restaurant and Institutional Management April 30, 1960 to accept a position as Business Director of the Ingham County Rehabilitation Center, Lansing.
- 4. Jean L. Horwood, Instructor in Health, Physical Education and Recreation, August 31, 1960 to become a full-time homemaker.
- 5. Robert G. Haines, Assistant Professor (Res.) of Entomology April 30, 1960 to accept another position.
- 6. Martha Vanderstel, Assistant Professor of Nursing, June 30, 1960, to accept another position.
- 7. Ingram Olkin, Associate Professor of Statistics, April 30, 1960 to accept a position at the University of Minnesota.
- 8. Elizabeth W. Nall, Instructor in Sociology and Anthropology, March 15, 1960 because of lack of funds in the Anglo-Latino Project.

March 17, 1960

#### NEW BUSINESS, continued

#### Resignations and Terminations, continued:

- 9. Francis C. Byrnes, Associate Professor and Associate Director of the National Project in Agricultural Communications March 22, 1960. NPAC work has been completed.
- 10. Rita Lichtenberg, Librarian, Library, March 15, 1960, to become a full time homemaker.
- 11. J. David Danielson, Instructor in Foreign Languages at MSU-0, August 31, 1960 to seek other employment.

#### Leaves--Sabbatical

- 1. Frederick G. Alexander, Associate Professor of Speech with full pay from September 1, 1960 to December 31, 1960 for study and travel in Europe.
- 2. Beatrice Mangino, Assistant Professor of Music with half pay from September 1, 1960 to August 31, 1961 for study in Italy and Switzerland.
- 3. Lyman W. Bodman, Assistant Professor of Music with full pay from March 23, 1961 to June 15, 1961 for study and travel in Europe.
- 4. Virginia F. Bodman, Assistant Professor of Music with full pay from March 23, 1961 to June 15, 1961 for study and travelin Europe.
- 5. George R. Price, Professor of English, with full pay from September 1, 1960 to December 31, 1960 for study in Boston and New York.
- 6. Charles L. SanClemente, Associate Professor of Microbiology and Public Health with full pay from March 20, 1960 to September 19, 1960 for study and travel in Rome, Milan, Europe.

#### Leaves--Health

- 1. Miriam Scott Lucas, Assistant Professor of Natural Science with full pay from April 1, 1960 to June 30, 1960.
- 2. Maurice G. Larian, Professor of Chemical Engineering with full pay from January 26, 1960 to February 29, 1960.
- 3. John A. Ramsey, Assistant Professor of Foreign Languages with full pay from January 1, 1960 to March 31, 1960.

#### Leaves--Other

- 1. Richard A. Schroeder, Extension Director, Clare County, with full pay from August 22, 1960 to September 13, 1960 to travel in Russia.
- 2. Herbert C. Rudman, Associate Professor of Administrative and Educational Services from July 11, 1960 to July 22, 1960 to teach at San Jose College, without pay.
- 3. Alice Dorian, Assistant Professor of Teacher Education without pay from March 1, 1960 to June 30, 1960 to work with the U.S. Office of Education.
- 4. Charles C. Sigerfoos, Associate Professor of Mechanical Engineering without pay from April 1, 1960 to July 31, 1960 to work with the ICA in Japan.
- 5. Henry S. Leonard, Professor and Head of Philosophy without pay from September 1, 1960 to December 31, 1960 to study in New Jersey.
- 6. Horace C. Hartsell, Associate Professor of the Audio-Visual Center, without pay from July 1, 1960 to July 21, 1960 to teach at the University of Colorado.

#### Appointments

Appointments

1. Laurence Arnold Cushman, Jr. 4-H Club Agent, Osceola County, at a salary of \$5600 per year

Resignations

Leaves

- on a 12-month basis effective March 1, 1960.
- 2. Melvin John Thompson, 4-H Club Agent, Monroe County, at a salary of \$6500 per year on a 12-month basis effective March 1, 1960.
- 3. Mary Ellen S. Krupka, Home Economics Agent, Leelanau County, at a salary of \$5100 per year on a 12-month basis effective March 1, 1960.
- 4. Morris Gluckin, Specialist in Social Work, at a salary of \$7200 per year on a 12-month basis effective July 1, 1960.
- 5. Earl E. Hogan, Instructor in Education at a salary of \$7500 per year on a 10-month basis effective September 1, 1960.
- 6. Pandeli Durbetaki, Instructor in Mechanical Engineering at a salary of \$6400 per year on a 10-month basis effective September 1, 1960.
- 7. Ruth Sands, Manager of Campbell Hall and Specialist in Institution Administration at a salary of \$6600 per year on a 12-month basis effective September 1, 1959.

## NEW BUSINESS, continued

#### Appointments, continued

- Appointments 8. Robert P. Gilbert, Assistant Professor of Mathematics, at a salary of \$7000 per year on a 10-month basis effective September 1, 1960.
  - 9. Eleanor G. Huzar, Assistant Professor of History at a salary of \$7800 per year on a 10-month basis effective September 1, 1960.
  - 10. William V. D'Antonio, Assistant Professor of Sociology and Anthropology at a salary of \$2160 for the period June 21, 1960 to September 2, 1960.
  - 11. John D. Donoghue, Specialist, Vietnam Project, at a salary of \$8125 per year on a 12-month basis effective February 21, 1960.
  - 12. Richard P. Kasuba, Assistant to the Purchasing Agent, at a salary of \$6800 per year on a 12-month basis effective March 1, 1960.
  - 13. John L. Maes, Instructor in the Counseling Center, at a salary of \$7000 per year on a 12-month basis effective July 1, 1960.
  - 14. Joseph R. Chemycz, Staff Physician, Health Service, at a salary of \$12,000 per year on a 12-month basis effective March 10, 1960.
  - 15. Laszlo J. Hetenyi, Associate Professor of Teacher Education at MSU-0 at a salary of \$9,200 per year on a 10-month basis effective September 1, 1960.
  - 16. Howard W. Clark, Assistant Professor of English at MSU-0 at a salary of \$6700 per year on a 10-month basis effective September 1, 1960.
  - 17. Gloria Kaufman Shapiro, Instructor in English at MSU-O at a salary of \$5000 per year on a 10-month basis effective September 1, 1960.
  - 18. Samuel Shapiro, Assistant Professor of History at MSU-0 at a salary of \$7200 per year on a 10-month basis effective September 1, 1960.
  - 19. Barbara E. Shenfield, Lecturer in Social Work at a salary of \$1350 for the summer school period June 21, 1960 to July 28, 1960.
  - 20. William J. Johnson, Visiting Critic, Urban Planning and Landscape Architecture at a salary of \$600 for the summer school period June 27, 1960 to July 8, 1960.
  - 21. Vandel C. Johnson, Professor of Administrative and Educational Services at a salary of \$1000 for the summer school period August 1, 1960 to September 2, 1960.
  - 22. Alyce Ludwig, Professor of Administrative and Educational Services at a salary of \$900 for the summer school period June 21, 1960 to July 28, 1960.
  - 23. Harold J. Reed, Professor of Administrative and Educational Services at a salary of \$1500 for the summer school period June 21, 1960 to July 28, 1960.
  - 24. H. D. Richardson, Professor of Administrative and Educational Services at a salary of \$1500 for the summer school period June 21, 1960 to July 28, 1960.
  - 25. Glen Smith, Professor of Administrative and Educational Services at a salary of \$600 for the summer school period June 21, 1960 to July 28, 1960.
  - 26. George S. Counts, Professor of Foundations of Education at a salary of \$2000 for the summer school period June 21, 1960 to July 28, 1960.
  - 27. Jack Otis, Professor of Foundations of Education at a salary of \$2500 for the summer school period June 21, 1960 to September 2, 1960.
  - 28. Thelma Christianson, Consultant, Teacher Education, at a salary of \$500 for the summer school period June 23, 1960 to July 7, 1960.
  - 29. Thera Hammond, Assistant Instructor in Teacher Education at a salary of \$600 for the summer school period June 23, 1960 to July 29, 1960.
  - 30. R. O. Hatton, Workshop Director, Teacher Education, at a salary of \$500 for the summer school period August 1, 1960 to August 12, 1960.
  - 31. Robert Kozelka, Consultant, Teacher Education, at a salary of \$500 for the summer school period August 1, 1960 to August 12, 1960.
  - 32. John R. Lindbeck, Workshop Director, Teacher Education, at a salary of \$550 for the summer school period August 1, 1960 to August 12, 1960.
  - 33. Otis McBride, Professor of Teacher Education at a salary of \$1600 for the summer school period June 23, 1960 to July 29, 1960.
  - 34. Dorothy McCuskey, Professor of Teacher Education at a salary of \$1450 for the summer school period June 23, 1960 to July 29, 1960.
  - 35. Maydean Nash, Instructor in Teacher Education at a salary of \$1400 for the summer school period June 23, 1960 to August 12, 1960.

NEW BUSINESS, continued

Appointments, continued

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- 36. Ralph Bernard Nelson, Assistant Instructor in Teacher Education at a salary of \$450 for the Appointments summer school period June 23, 1960 to July 29, 1960.
- 37. Helena Norton, Assistant Instructor in Teacher Education at a salary of \$500 for the summer school period June 23, 1960 to July 29, 1960.
- 38. William Ward Sinclair, Associate Professor of Teacher Education at a salary of \$850 for the summer school period June 23, 1960 to July 28, 1960.
- 39. William F Tierney, Professor of Teacher Education at a salary of \$1400 for the summer school period June 23, 1960 to July 29, 1960.
- 40. Denise S. VanAken, Assistant Instructor in Teacher Education at a salary of \$800 for the summer school period June 23, 1960 to July 29, 1960.
- 41. George Winsor, Assistant Instructor in Teacher Education at a salary of \$800 for the summer school period August 1, 1960 to September 2, 1960.
- 42. J. O. Hinze, Professor of Applied Mechanics at a salary of \$4000 for the summer school period June 21, 1960 to September 2, 1960.
- 43. John O. Corliss, Professor at the Gull Lake Biological Station, at a salary of \$2200 for the summer school period June 20, 1960 to August 14, 1960.
- 44. Morris Kantor, Professor of Art, at a salary of \$1500 for the summer school period from June 21, 1960 to July 28, 1960.
- 45. William Kortlander, Professor of Art, at a salary of \$1100 for the summer school period June 21, 1960 to July 28, 1960.
- 46. Robert Myron, Assistant Professor of Art, at a salary of \$1200 for the summer school period June 21, 1960 to July 28, 1960.
- 47. Willa Stewart, Assoc.Prof of Music at a salary of \$1100 for the summer school period June 21, 1960 to July 28, 1960.
- 48. Henry Veld, Professor of Music at a salary of \$1500 for the summer school period June 21, 1960 to July 29, 1960.
- 49. Lawrence G. Kallander, Assistant Professor of Chemistry at a salary of \$2250 for the summer school period June 21, 1960 to September 2, 1960.
- 50. Harry P. Schultz, Professor of Chemistry at a salary of \$1350 for the summer school period June 21, 1960 to July 28, 1960.
- 51. Francis William Carroll, Assistant Professor of Mathematics at a salary of \$2200 for the summer school period June 20, 1960 to September 2, 1960.
- 52. Edwin M. Smith, Instructor in Physics and Astronomy at a salary of \$2100 for the summer school period June 21, 1960 to September 2, 1960.
- 53. Sidney Spital, Assistant Professor of Physics and Astronomy at a salary of \$2250 for the summer school period June 21, 1960 to September 2, 1960.
- 54. Lorrin G. Kennamer, Associate Professor of Geography at a salary of \$1400 for the summer school period June 21, 1960 to July 28, 1960.
- 55. John F. Lounsbury, Professor of Geography at a salary of \$2400 for the summer school period June 20, 1960 to August 12, 1960.
- 56. John W. Pawling, Assistant Instructor in Geography at a salary of \$400 for the summer school period July 29, 1960 to September 2, 1960.
- 57. Richard Barton, Assistant Professor of History at a salary of \$1050 for the summer school period July 29, 1960 to September 2, 1960.
- 58. F. J. de Waele, Professor of History, at a salary of \$1200 for the summer school period June 21, 1960 to July 28, 1960.
- 59. Fred J. Ericson, Associate Professor of History at a salary of \$2500 for the summer school period June 21, 1960 to September 2, 1960.
- 60. Coy H. James, Assistant Professor of History, at a salary of \$2100 for the summer school period June 21, 1960 to September 2, 1960.
- 61. James H. Copp, Assistant Professor of Sociology and Anthropology, at a salary of \$1000 for the summer school period June 21, 1960 to July 28, 1960.

4288	NEW BUSINESS, continued	
Stanley 0. Ikenberry to be permanent basis	Transfers 1. Stanley O. Ikenberry, Instructor in Institutional Research, from a temporary to a permanent appointment effective January 1, 1960.	
Salary inc. Bill Stout to \$10,000	Salary Changes	
	On motion of Mr. Merriman, seconded by Mr. Stevens, it was voted to approve the President's Report, Resignations, Leaves, Appointments, Transfers and Salary Changes.	
Promotion Bill A.Stout	liscellaneous	
Cancellation Leave Ken	. Promotion of Bill A. Stout from Assistant Professor to Associate Professor of Agricultural Engineering, effective March 1, 1960.	
Macrorie Ch. sal. srce	2. Cancellation of leave of absence with pay that was previously granted to Kenneth Macrorie, Assistant Professor of Communication Skills, from March 29 to June 15, 1960.	
Fauzi M. Najjar Cancellation	3. Change in salary source for Fauzi M. Najjar, Assistant Professor of Social Science, from University General to Rockefeller Foundation grant and a salary increase from \$7400 to \$7500 per year, effective from October 1, 1960 to September 30, 1961.	
leave Wesley Fishel Pead Aldrich	<ul> <li>Cancellation of leave of absence with half pay that was previously granted Wesley Fishel, Professor of Political Science, from September 1, 1960 to August 31, 1961.</li> </ul>	
designated Coord. Res. H.E. and sal. inc.	5. Designation of Pearl Aldrich as Coordinator of Research for the College of Home Economics with a salary increase from \$9,750 to \$10,750, effective April 1, 1960, the increase to be paid from budget position 5 in the Dean's office. She is to retain her title of Professor but will not be attached to the Department of Institutional Administration.	
Audrey North Assoc. Lib.	6. Change in title for Audrey North from Assistant Librarian to Associate Librarian at Michigan State University-Oakland, effective March 1, 1960.	
Add. pay Mary C. Osborn Term. mil. lve Larry K.	7. Recommendation that Mary C. Osborn, former Secretary for the Vietnam Project, be paid \$102.16 for the period from September 2 to September 9, 1959, from account 71-2020. This is compensa- tion for sick leave resulting from hospitalization en route home from Saigon.	
Dahlke	. Termination of military leave for Larry K. Dahlke, Custodian I in Brody Hall, effective February 22, 1960.	
Report death Claude L. Nash	Report of the death of Claude L. Nash, Assistant Professor (Extension) Emeritus of Economics, on February 28, 1960. Mr. Nash was born on June 5, 1884, was first employed by the University on January 1, 1916, and was retired on July 1, 1949.	•
	on motion of Dr. Smith, seconded by Mr. Huff, <u>it was voted</u> to authorize the preparation of an ppropriate resolution on the death of Mr. Nash.	
Approval recommenda- tions Dir.	. Recommendations from the Director of Personnel, as follows:	
Personnel	a. Transfer of a Clerk-Stenographer I position from the Office of the Dean of Agriculture to Forest Products. This will be budget position 305, paid from account 11-3121	
la de la companya de La companya de la comp	b. Reclassification of a Clerk-Typist to a Graphics Technician A position in Mimeograph	
	<ul> <li>c. Reclassification of a Clerk II to a Clerk III position in Brody Dormitories</li> <li>d. Establishment of a Clerk-Stenographer I position in the Library at Michigan State</li> </ul>	
Gold and White official col. MSU-0	University-Oakland, e. Establishment of a Clerk-Stenographer II position in the Business Office and Physical Plant at Michigan State University-Oakland.	
Approval	. Recommendation from Chancellor Varner that Gold and White be the official school colors for	

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i white be COLOTS Approval SCHOOL TOT Michigan State University-Oakland. contract Nuclear Engr. 12. Approval of a contract with the Nuclear Engineering Company, Inc., covering the disposition Co. of radioactive waste materials from Michigan State University. Approval changes base- 13. Changes in the basement of the Women's Intramural Building to accomodate facilities for research work in Health, Physical Education, and Recreation at an estimated cost of \$11,640 ment Women's to be charged to Alterations and Improvements, 1959-60. Intra. Bldg. 14. Workmen's compensation report for the period from July 1 to December 31, 1959, as follows: Report Amount paid as accident time \$3,339.11 Workmen's 7,366.74 Amount paid as compensation compensation

Health Center Charges

Off-Campus Medical Service

15. Receipt of the Annual Report of the East Lansing Fire Department for the calendar year of 1959.

3,515.80

2,566.38

# NEW BUSINESS, continued

## Gifts and Grants

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- 1. Gift of a Link-Belt Chain valued at \$40 from the Link-Belt Company of Indianapolis to be used Gifts and in Agricultural Engineering. Grants
- 2. Gift of a splicing kit valued at \$20 from the Flexible Steel lacing Company of Chicago to be used in Agricultural Engineering.
- 3. Gift of 3 idler bearings valued at \$10 from the Nice Ball Bearing Company of Philadelphia to be used in Agricultural Engineering.
- 4. Gift of a stiff finger pickup attachment for a tomato harvester valued at \$400 from the Innes Company of Bettendorf, Iowa, to be used in Agricultural Engineering.
- 5. Gift of 4 Swiss stop watches valued at \$125 from the Eurpac Serv. Company of Greenwich, Connecticut, to be used in Intercollegiate Athletics.
- 6. Loan of a 1960 Dodge station wagon valued at \$4300 from the Chrysler Corporation of Detroit, to be used by the Highway Traffic Safety Center in the driver education teacher program.
- 7. Grants for scholarship purposes, as follows:
  - a. To establish new scholarships:
    - 1) \$2,300 from Tracy R. Shane and family of Watervliet to establish the Helen Pratt Shane Award. A sum of \$2,200 is to beused to establish the award with the interest to be awarded annually to a student in the Home Economics with preference to be given to students from Berrien County. The recipient shall be a junior or senior who has shown outstanding qualities of leadership and has achieved a grade point average of 3.0 and has financial need. The additional sum of \$100 is to be used for the 1959-60 award. The total sum of \$2,300 is in the MSU Development Fund.
  - b. To continue previously established scholarships:
    - 1) \$1,500 from Universal Oil Products Company of Des Plaines, Illinois. Of this sum \$1,000 is to continue the scholarships for upper classmen in Chemical Engineering and \$500 to augment the general funds of the Chemical Engineering Department.
    - 2) \$500 from Ralston Purina of St. Louis, Missouri.
    - 3) \$900 from the Sears-Roebuck Foundation of Chicago for 3 scholarships of \$300 each for freshman students in Home Economics in the fall of 1960.
    - 4) \$10,050 from Consumers Power Company of Jackson to provide 1 freshman scholarship of \$300, 3 engineering scholarships of \$750 each, and 3 engineering fellowships of \$2,500 year.
    - 5) \$50 from Michigan Millers Mutual Insurance Company of Lansing for the Elevator and Farm Supply Scholarship Fund.
    - 6) \$100 from Little Brothers of Kalamazoo for the Elevator and Farm Supply Scholarship Fund.
    - 7) \$50 from Wilt & Knoblauch of Blissfield for the Farm Equipment Scholarship Fund.
    - 8) \$160 from Dean's Dairy, Inc., of Berrien Springs for the Michigan Bankers' Fund.
  - c. To aid specified students:
    - 1) \$440 from the Continental Coffee Company of Chicago.
    - 2) \$95 from The Buffalo Foundation of Buffalo, New York
    - 3) \$323.34 from the Genesee County Alumni of Flint.
    - 4) \$100 from the United Church Women of Lansing.
    - 5) \$250 from Homelite Division of Textron, Inc., of Port Chester, New York.
  - d. For the MSU-O Scholarship Fund, 1959-60:
    - 1) \$170 from the Pontiac Business and Professional Women's Club
    - 2) \$9,385 from the Community National Bank of Pontiac to be credited \$1,020 to the Harold E. Howlett Scholarship Fund and \$8,365 to the MSU-0 Scholarship Fund.
    - 3) \$100 from the Centerline Business and Professional Women's Club.
    - 4) \$510 from the Baldwin Rubber Company of Pontiac
    - \$255 from the Exchange Club of Brooklands.
    - 6) \$100 from the Pontiac Press and Sarah Van Hoosen Jones of Rochester.
    - 7) \$85 from Zeta Chapter of Alpha Delta Kappa of Drayton Plains.
    - 8) \$100 from A. C. Girard of the Community National Bank of Pontiac in memory of H. L. McGregor, Sr.
    - 9) \$510 from the Rochester Farm and Garden Club
    - 10) \$255 from George E. Wyman of Pontiac to be credited to The Roslyn Wyman Scholarship
    - 11) \$510 from an anonymous donor
    - 12) \$510 from George A. Wasserberger of Pontiac to be credited to the George A. Wasserberger Scholarship
    - 13) \$255 from the William and Sarah Seidman Foundation of Grand Rapids.
    - 14) \$500 from the Rotary Club of Pontiac
    - 15) \$510 from the Rochester Junior Women's Club
    - 16) \$255 from the Macomb County MSU Alumni
    - 17) \$500 from the Pontiac Press.

- 18) \$510 from the National Twist Drill Company of Rochester
- 19) \$300 from the Warren School Board of Education.
- 20) \$255 from the Tipacon Chapter of the American Business Women's Association of Pontiac
- 21) \$255 from The Nichols Company of Detroit

## NEW BUSINESS, continued

# Gifts and Grants, continued

- Gifts and Grants
- 7. Grants for scholarship purposes, continued:
  - d. For the MSU-0 Scholarship Fund, 1959-60:
    - 22) \$255 from the First State Bank of East Detroit
    - 23) \$510 from the Pontiac State Bank
    - 24) \$1,000 from the Detroit Bank & Trust
    - 25) \$1,020 from the Wayne Oakland Bank & Trust of Detroit
    - 26) \$1,500 from the National Bank of Detroit
    - 27) \$255 from the Macomb County Savings Bank of Mt. Clemens
    - 28) \$500 from the Pontiac Council P.T.A.
    - 29) \$25 from the Hickory Grove P.T.A. of Pontiac.
    - 30) \$10 from the Hudson Covert P.T.A. of Pontiac.
    - 31) \$100 from the Alpha Gamma Chapter of Delta Kappa Gamma of Lakeville.
    - 32) \$100 from the Utica Business and Professional Women's Club
    - 33) \$100 from the Birmingham Village Women's Club
    - 34) \$255 from the General Motors Girls' club of Pontiac.
    - 35) \$85 from Zeta Chapter of Alpha Delta Kappa of Pontiac.
    - 36) \$300 from the Detroit Edison Company
    - 37) \$255 from the Soroptomist Club of South Macomb of Warren
    - 38) \$50 from the Fred Douglas School P.T.A. of Sherman.
- 8. Grant of \$2,000 from the Board of Supervisors of Mason County to be used under the direction of N. P. Ralston in the Cooperative Extension Service as a contribution toward the salaries of agents assigned to Mason County.

March 17, 1960

- 9. Renewal of a memorandum of agreement with the Board of Supervisors of Livingston County covering a grant of \$7,000 to be used under the direction of N. P. Ralston in the Cooperative Extension Service as a contribution toward the salaries of 2 agents in Livingston County.
- 10. Renewal of a memorandum of agreement with the Board of Supervisors of Newaygo County covering a grant of \$2,000 to be used under the direction of N. P. Ralston in the Cooperative Extension Service as a contribution toward the salary of a 4-H Club agent in Newaygo County.
- 11. Grant of \$7,280 from the Detroit Ordnance District to be used under the direction of A. W. Farrall in Agricultural Engineering to conduct studies of the application of the Ordnance Tank Automotive Command Land Locomotion Laboratory soil value system to tillable soils and to determine the relationship of this soil value system to the system employed by agricultural engineers and scientists. Provision is made for special graduate research assistants.
- 12. Renewal of a memorandum of agreement with the National Silo Association of Louisville, Kentucky, covering a grant of \$700 to be used under the direction of A. W. Farrall in Agricultural Engineering to carry on research on physical conditions in farm silos.
- 13. Renewal of a memorandum of agreement with the National Pickle Packers Association of Oak Park, Illinois, covering a grant of \$3,000 to be used under the direction of A. W. Farrall in Agricultural Engineering and Horticulture to develop principles for construction of a mechanical cucumber harvester.
- 14. Grant of \$50 from The Fort Lupton Canning Company of Fort Lupton, Colorado, to be used under the direction of A. W. Farrall in Agricultural Engineering and Horticulture to support research in mechanical harvesting of tomatoes.
- 15. Renewal of a memorandum of agreement with the Chisholm-Ryder Company, Inc., of Niagara Falls, New York, covering a grant of \$250 to be used under the direction of A. W. Farrall and H. B. Tukey in Agricultural Engineering and Horticulture to support research in the mechanical harvesting of tomatoes.
- 16. Grant of \$485 from the W. K. Kellogg Foundation of Battle Creek to be used under the direction of A. M. Pearson in Animal Husbandry to support research on the ability of judges to visually evaluate carcass worth of hogs and cattle.
- 17. Approval of a memorandum of agreement with the Michigan Artificial Breeders Cooperative of East Lansing, the Farm Bureau Services of Lansing, and the Michigan Livestock Exchange of Detroit covering a grant of \$32,500 to be used under the direction of R. H. Nelson in Animal Husbandry for research on artificial insemination and control of estrus in swine.
- 18, Renewal of a memorandum of agreement with W. R. Grace & Company of Clarksville, Maryland, covering a grant of \$2,000 to be used under the direction of D. P. White in Forestry for an appraisal of magnesium ammonium phosphate as a nitrogen source in tree nutrition.
- 19. Renewal of a memorandum of agreement with the American Iron and Steel Institute of New York City covering a grant of \$10,700 to be used under the direction of T. I. Hedrick in Dairy for research on the relative cleanability of various stainless steel finishes.
- 20. Renewal of a memorandum of agreement with the Michigan Blueberry Growers Association of Grand Junction covering a grant of \$3,500 to be used under the direction of D. H. Dewey and H. K. Bell in Horticulture for studies on nutritional needs of cultivated blueberries and relationship to fruit production and quality. The agreement provides for a special graduate research assistant.

NEW BUSINESS, continued

#### Gifts and Grants, continued

- 21. Renewal of a memorandum of agreement with the National Pickle Packers Association of Oak Park, Illinois, covering a grant of \$2,460 to be used under the direction of S. K. Ries in Horticulture for studies on the effect of plant nutrients and cultural practices on yield and quality of pickling cucumbers. The agreement provides for a special graduate research assistant.
- Gifts and Grants
- 22. Renewal of a memorandum of agreement with the Michigan Food Research Association, Inc., of Benton Harbor covering a grant of \$1,000 to be used under the direction of G. A. Borgstrom in Horticulture for studies on processing characteristics of new peach varieties. The agreement provides for a special graduate research assistant.
- 23. Approval of a memorandum of agreement with the Michigan Association of Nurserymen of Marshall covering a grant of \$3,000 to be used under the direction of D. P. Watson in Horticulture to prepare, stage, present, and distribute a series of television programs on home gardening.
- 24. Renewal of a memorandum of agreement with the National Turkey Federation of Mount Morris, Illinois, covering a grant of \$1,500 to be used under the direction of L. E. Dawson in Poultry Science for an evaluation of alternative methods of merchandising turkey meat.
- 25. Approval of a memorandum of agreement with the National Turkey Federation of Mount Morris, Illinois, covering a grant of \$1,000 to be used under the direction of L. E. Dawson in Poultry Science in a study on mandatory grade and sex labeling.
- 26. Renewal of a memorandum of agreement with The Coca-Cola Company of Atlanta, Georgia, covering a grant of \$3,400 to be used under the direction of A. T. Wilcox in Resource Development to support park research and publication of technical literature in the park management field in cooperation with the American Institute of Park Executives. The agreement provides for alspecial graduate research assistant.
- 27. Renewal of a memorandum of agreement with the Chicago and Northwestern Railway Company covering a grant of \$450 to be used under the direction of S. M. King in Soil Science for research in soil fertility.
- 28. Renewal of a memorandum of agreement with the Tennessee Valley Authority of Knoxville, Tennessee, covering a grant of \$7,000 to be used under the direction of R. L. Cook in Soil Science and G. L. Johnson in Agricultural Economics to facilitate field and greenhouse experimental work and statistical computations for methodological work in determining the effects of various plant nutrients on crop yield response.
- 29. Grant of \$5,000 from The Sperry and Hutchinson Company of New York City to be used under the direction of S. C. Hollander in Marketing and Transportation to support research on competition in retailing.
- 30. Grant of \$7,400 from the W. K. Kellogg Foundation of Battle Creek to be used under the direction of Dean Sabine in Communication Arts to determine the future programs of the National Project in Agricultural Communications.
- 31. Grant of \$500 from the Grand Rapids Foundation of Grand Rapids to be used under the direction of Dean Erickson in Education to conclude the Grand Rapids College Survey.
- 32. Grant of \$975 from the United Cerebral Palsy Association of Michigan, Inc., of Lansing to be used under the direction of J. E. Jordan in Teacher Education to assist with expenses in connection with the summer session workshop for teachers of cerebral palsied children.
- 33. Grant of \$500 from the Monsanto Chemical Company of St. Louis, Missouri, to be used under the direction of Donald deZeeuw in Botany for seed and soil treatment research. Provision is made for a special graduate research assistant.
- 34. Approval of a memorandum of agreement with the Pittsburgh Plate Glass Company of Moorestown,

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March 17, 1960

New Jersey, covering a grant of \$100 to be used under the direction of Donald deZeeuw in Botany for seed and soil treatment research provision is made for a special graduate research assistant.

35. Renewal of a memorandum of agreement with the National Institutes of Health of Washington, D. C., covering a grant of \$14,404 to be used under the direction of E. S. Beneke in Botany to determine if nutritional requirement differences could account for the different responses of the culture beers of Calvatia gigantea proven against Sarcome 180 tested in mice at the Sloan-Kettering Institute for Cancer Research; and also to obtain a rapid and relatively inexpensive method to assay the tumor-retarding substance. The agreement provides for a special graduate research assistant.

36. Grant of \$70 from Eaden Davis of Lansing to supplement the budget of the Music Department so that Professor Jones can be employed for the instruction of his daughter.

37. Grant of \$26,075 from the Atomic Energy Commission of Lemont, Illinois, to be used under the direction of H. A. Eick in Chemistry for an investigation of some rare earth boron, carbon, nitrogen, and related system at elevated temperatures. Provision is made for special graduate research assistants.

NEW BUSINESS, continued

March 17, 1960

#### Gifts and Grants, continued

- Gifts and Grants
- 38. Renewal of a memorandum of agreement with the Office of Ordnance Research of the United States Army of Durham, North Carolina, covering a grant of \$9,734 to be used under the direction of Harold Forstat, D. J. Montgomery, and R. D. Spence in Physics and Astronomy for research on the antiferromagnetic behavior of single crystals using proton resonance techniques and heat capacity studies, and on the electrical conductivity of Lithium isotopes. The agreement provides for special graduate research assistants.
- 39. Grant of \$35,300 from the National Science Foundation of Washington, D C., to be used under the direction of C. D. Hause and T. H. Edwards in Physics and Astronomy for an analysis of infrared absorption spectra and magnetic rotation spectra of various molecules to determine their structures and various other physical properties. Provision is made for special graduate research assistants.
- 40. Approval of a memorandum of agreement with the Mark L. MOrris Animal Foundation of Denver. Colorado, covering a grant of \$3,138.75 to be used under the direction of W. V. Lumb in Surgery and Medicine for a study on the effects of an ion-exchange resin artificial kidney in dogs. The agreement provides for a special graduate research assistant.
- 41. Grant of \$5,000 from The American Assembly at Columbia University, New York City, to be used under the direction of Jack Stieber in the Labor and Industrial Relations Center to finance a 3-day regional assembly on wages, prices, profits, and productivity on June 16-19, 1960.
- 42. Renewal of a memorandum of agreement with the Michigan Agricultural Conference of Lansing covering a grant of \$7,084 to be used under the direction of L. T. Frymire in Radio Broadcasting to permit WKAR to originate broadcasts of Michigan State University sports events during the 1959-60 season.
- 43. Grant of \$10,000 from The Institute of Science and Technology at Ann Arbor to be used under the direction of Dean Muelder in the School for Advanced Graduate Studies to provide an average salary of \$2,500 for 4 pre-doctoral fellowships.
- 44. Grant of \$25 from Chancellor Varner of Rochester to be deposited in the Unrestricted Gift Account 31-1162.

## Reports for Board members

alt. and imp The following alteration and improvement items have been approved since the February Board 1. meeting:

Improve light	hting	g Room 1	5, Morrill	Hall			\$1,200
Alterations	and	improve	lighting,	Room	319,	Morrill Hall	560
Alterations	and	improve	lighting,	Room	118,	Agriculture	520

2. Additional payments to salaried employees since the February Board meeting as per list on file.

On motion of Mr. Huff, seconded by Mr. Merriman, it was voted to approve all Miscellaneous Items, Gifts and Reports for Board Members.

ADDITIONAL ITEMS Resignations

## Resignations and Terminations

- 1. William Rupp, Jr. County Extension Director, Kent County effective May 16, 1960 to become Assistant Vice President of Old Kent Bank and Trust Company in charge of the Agricultural Division.
- 2. Cancellation of appointment of Daniel L. Sweeney, Associate Professor of Accounting and Financial Administration June 15, 1960.

Leaves

Approval

items

Leaves--Health

- 1. Robert W. Starring, Professor of Communication Skills with full pay from March 29, 1960 to June 15, 1960.
- 2. Karl A. Stiles, Professor and Head of Zoology with full pay from March 10, 1960 to April 14, 1960.

#### Leaves--Other

1. Harold R. Jolliffe, Professor of General Communication Arts, without pay from May 1, 1960 to December 31, 1960 to accept a Smith-Mundt Assignment in Afghanistan.

## Appointments

## Appointments

- 1. J. William Thomas, Professor of Dairy, at a salary of \$13,000 per year on a 12-month basis effective August 1, 1960.
- 2. Mary Scanga, Librarian, Library, at a salary of \$2400 per year on a 12-month basis effective March 16, 1960.

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ADDITIONAL ITEMS, continued	
Appointments, continued	Appointmer
3. Jack W. Ostrander, Assistant Manager, Union, at a salary of \$6300 per year effe	ctive April 1,
Salary Changes	
L. Peter H. Amann, Assistant Professor of History at MSU-0 at a salary of \$7200 per 10-month basis effective April 1, 1960.	r year on a Peter H. Amann
fiscellaneous	John Shave Act. Head
. Designation of John R. Shaver, as Acting Head of Zoology at an additional salar, the period from Mar.10 to April 14, 1960.	y of \$125 for Zoology
2. Recommendations from the Retirement Committee as follows:	Retirement: approved
<ul> <li>a. Retirement of Earl Pung, employee in Married Housing, at a retirement salar, \$1214 per year, effective March 15, 1960. Mr. Pung was born April 7, 1893, has been employed by the University since June 1, 1940.</li> <li>b. Retirement of Harold J. Larsen, Mason County Extension Director, at a retire salary of \$2761 per year, effective May 1, 1960. Mr. Larsen was born Augus 1900, and has been employed by the University since May 1, 1930.</li> </ul>	and ement
c. Retirement of George N. Motts, Assistant Professor (Extension) of Agricultur Economics, at a retirement salary of \$2435 per year, effective January 1, 19 Mr. Motts was born on January 25, 1905, and has been employed by the Universistic August 1, 1931.	961.
Approval of granting the appropriate degrees to those students who according to of the Registrar completed the requirements for graduation at the end of the win	
• Communication from Victor G. Horvath of Ann Arbor calling the attention of the serious need for more adequate facilities for housing the Forestry Departue the Department of Conservation.	
. Numerous communications have been received since the last Trustee's meeting have with ROTC. Thermofax copies of these communications have been presented to the	-
lifts and Grants	Gifts and Grants

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- 1. Grant of \$4,500 from the Kent County Board of Supervisors of Grand Rapids to be used under the direction of N. P. Ralston in the Cooperative Extension Service as Kent County's share of the salary of one County Extension Agent.
- 2. Grant of \$7500 from the Rockefeller Foundation of New York City to be used under the direction of Fauzi M. Najjar in Social Science to pursue further research in a theoretical study of Islam and Islamic thought insofar as they bear on the problem of democracy.
- 3. Renewal of a memorandum of agreement with The Upjohn Company of Kalamazoo covering a grant of \$750 to be used under the direction of F. C. Strong in Botany and Plant Pathology for studies to determine the effectiveness of Acti-dione and its derivatives for the control of Dutch elm disease and other tree diseases.
- 4. Renewal of a memorandum of agreement with the Velsicol Chemical Corporation of Chicago covering a grant of \$100 to be used under the direction of D. J. deZeeuw in Botany and Plant Pathology for a special study on biossay of seed treatment fungicides within an existing project on seed treatment and soil treatment fungicides. The agreement provides for a special graduate research assistant.
- 5. Renewal of the following memoranda of agreement covering grants to be used under the direction of D. J. deZeeuw in Botany and Plant Pathology to support special graduate research assistants for the study of seed treatment and soil treatment fungicides:
  - a. The Upjohn Company of Kalamazoo, \$500

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- b. The Norwich Pharmacal Company of Norwich, New York, \$200
- c. Hercules Powder Company of Wilmington, Delaware, \$200
- 6. Grant of \$13,920 from the Office of Naval Research of Washington, D.C., to be used under the direction of Herman Rubin in Statistics to conduct research on the problems of statistical estimation in stochastic processes. Provision is made for special graduate research assistants.

Gifts and

Grants

# ADDITIONAL ITEMS, continued

# Gifts and Grants, continued

7. Renewal of a memorandum of agreement with the National Cancer Institute of the Department of Health, Education, and Welfare of Bethesda, Maryland, covering a grant of \$8,133 to be used under the direction of J. R. Shaver in Zoology to study the conditions leading to the transmission of tumor in the frog by means of a virus introduced into the egg cell. The agreement provides for a special graduate research assistant.

On motion of Dr. Smith, seconded by Mr. Stevens, it was voted to approve all Additional Items.

The Board adjourned at 12 o'clock noon.

The next meeting will be held Thursday, April 21, 1960.

President

