



**MICHIGAN
STATE
UNIVERSITY**

**ANNUAL
COMMENCEMENT**

MACKLIN STADIUM

SUNDAY, JUNE NINTH

NINETEEN HUNDRED AND FIFTY-SEVEN

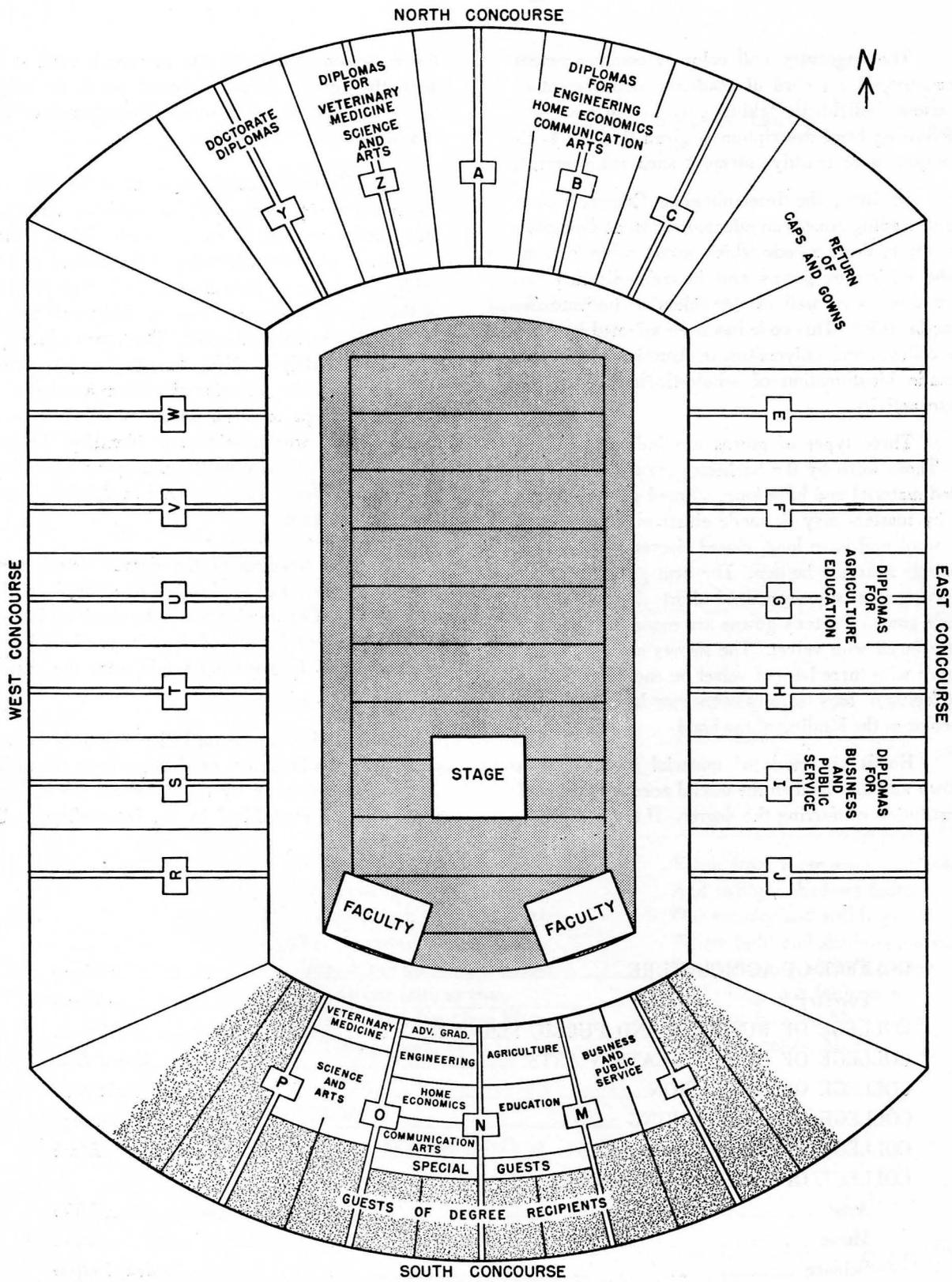
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SEATING DIAGRAM FOR GRADUATES AND COMMENCEMENT GUESTS

ACADEMIC COSTUME

The pageantry and color at commencement exercises reveal a record of academic achievement of the various individuals taking part in the exercises. The following brief description is given that the audience might more readily interpret such achievement.

In 1894, the Intercollegiate Commission, a group of leading American educators, met at Columbia University to draft a code which would serve to regulate the design of gowns and hoods indicating the various degrees as well as the colors to indicate the various faculties. This code has been adopted by most of the colleges and universities in America and its use has made identification of scholastic honors an immediate activity.

Three types of gowns are indicated by the code. Those worn by the bachelors are made of black worsted material and have long, pointed sleeves. Those worn by masters may be made either of black silk or black wool and have long, closed sleeves with the arc of a circle near the bottom. The arm goes through a slit, giving the appearance of short sleeves for the master's gown. Doctor's gowns are made of black silk and are faced with velvet. The sleeves are full, round and open with three bars of velvet on each sleeve. The velvet facing of bars on the sleeves may be black or the same color as the binding of the hood.

Hoods are made of material identical with the gown and are lined in the official academic color of the institution conferring the degree. If the institution

has more than one color, the chevron is used to introduce the second color. Colored velvet or velveteen binds the hoods and indicates the department or faculty to which the degree pertains.

Historical associations of color have been continued to signify the various faculties. Art and letters can be recognized by the white, taken from the traditional white fur trimming of the Oxford and Cambridge Bachelor of Arts hoods. Red, long traditional of the church, indicates theology. The royal purple of the King's court signifies law. The green of medicinal herbs immediately identifies a medical degree. Philosophy is signified by the color of wisdom and truth, blue. Because through research untold wealth has been released to the world, science is identified by golden yellow. Oxford pink indicates music and russet brown, the color of dress worn by ancient English foresters, indicates forestry.

The wording of the degree determines the color of the velvet of the hood. For example, a Master of Science in Engineering would be signified by golden yellow (science) instead of the orange of engineering. A Bachelor of Engineering would wear the orange of Engineering.

At Michigan State University, it is customary to identify the bachelors graduating from the different departments of study by tassels of the official department color as established by the Intercollegiate Code.

COLLEGE OF AGRICULTURE.....	<i>Maize</i>
Forestry	<i>Russet</i>
COLLEGE OF BUSINESS AND PUBLIC SERVICE.....	<i>Maroon</i>
COLLEGE OF COMMUNICATION ARTS.....	<i>Royal Blue</i>
COLLEGE OF EDUCATION	<i>Light Blue</i>
COLLEGE OF ENGINEERING	<i>Orange</i>
COLLEGE OF HOME ECONOMICS	<i>Black</i>
COLLEGE OF SCIENCE AND ARTS	
Arts	<i>White</i>
Music	<i>Pink</i>
Science	<i>Golden Yellow</i>
COLLEGE OF VETERINARY MEDICINE.....	<i>Gray</i>

ORDER OF CEREMONIES

PROCESSIONAL

TRIUMPHAL MARCH *Miaskovsky*
MICHIGAN STATE UNIVERSITY BAND — PROFESSOR LEONARD FALCONE, *Director*

AMERICA *Smith*

My country, 'tis of thee,
Sweet land of liberty,
Of thee I sing!
Land where my fathers died;
Land of the pilgrim's pride;
From ev'ry mountain side
Let freedom ring!

INVOCATION

THE REVEREND NEWELL A. McCUNE, D.D., LL.D.
Minister Emeritus, Peoples Church, East Lansing

ADDRESS:

THE HONORABLE RICHARD MILHOUS NIXON, LL.B., LL.D.
Vice President of the United States

CONFERRING OF DEGREES AND PRESENTATION OF AWARDS

JOHN A. HANNAH, D.AGR., LL.D., HH.D., L.H.D., D.Sc.
President, Michigan State University

ALMA MATER *Traynor*

M. S. U. we love thy shadows
When twilight silence falls,
Flushing deep and softly paling
O'er ivy covered halls.
Beneath the pines we'll gather
To give our faith so true,
Sing our love for Alma Mater
And thy praises, M. S. U.

When from these scenes we wander
And twilight shadows fade,
Our mem'ry still will linger
Where light and shadows played.
In the evening oft we'll gather
And pledge our faith anew,
Sing our love for Alma Mater
And thy praises, M. S. U.

BENEDICTION

THE REVEREND MR. McCUNE

RECESSIONAL

AMERICA, GRAND MARCH *Goldman*

The escorts for the academic procession are members of Mortar Board, an honorary society for senior women.

The audience is requested to remain seated while those in the procession are entering and leaving the stadium.

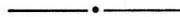
STATE BOARD OF AGRICULTURE

Michigan State University operates under the jurisdiction of a constitutional body known as the State Board of Agriculture. The six elected members serve six-year terms. Two are elected biennially from the state at large.

The President of the University is appointed by the Board and is by constitutional provision the presiding member of that body.

The Board likewise appoints a Secretary and a Treasurer. The State Superintendent of Public Instruction is an ex officio member of the Board.

THE HONORABLE FOREST H. AKERS.....*Detroit*
THE HONORABLE FREDERICK H. MUELLER.....*Grand Rapids*
THE HONORABLE CLARK L. BRODY, *Chairman*.....*Lansing*
THE HONORABLE ARTHUR K. ROUSE.....*Boyne City*
THE HONORABLE WILLIAM E. BAKER.....*Mesick*
THE HONORABLE CONNOR D. SMITH.....*Pinconning*



THE HONORABLE CLAIR L. TAYLOR, *Ex Officio*.....*Lansing*
JOHN A. HANNAH, *Ex Officio, President*.....*East Lansing*
KARL H. McDONEL, *Secretary*.....*East Lansing*
PHILIP J. MAY, *Comptroller and Treasurer*.....*East Lansing*

MICHIGAN STATE UNIVERSITY

As one of the leading land-grant universities and the first agricultural college in the nation, Michigan State University provides a technical, practical and cultural education for its student body, in addition to extensive research and extension services to the people of Michigan.

Now in its 102nd year, Michigan State University has grown from three buildings and six faculty members to one of the ten largest universities in the nation. It has approximately 2,000 staff members engaged in teaching, research and public service, 98 permanent and 450 temporary buildings, and almost 4,200 acres of land, including 900 acres in the campus area proper.

Founded in 1855 to educate youth for the major occupation of that day — farming — Michigan State University has broadened its offerings as young people, preparing for other vocations, have sought the advantages of university training. Today, Michigan State University has eight colleges — Agriculture, Business and Public Service, Communication Arts, Education, Engineering, Home Economics, Science and Arts, Veterinary Medicine — and the School for Advanced Graduate Studies, and offers 130 different courses of study, 70 of these on the graduate level. This excludes the curriculum of the Basic College, which has been recognized as one of the most progressive ideas for higher education in the nation today.

Michigan State University continually strives to expand its service to the people of the state through the Agricultural Experiment Station, the Cooperative

Extension Service and the Continuing Education Service. The Agricultural Experiment Station conducts research on campus and at five off-campus substations. Through the Michigan Cooperative Extension Service, more than 271,000 families are reached with technical information on agriculture, homemaking and the 4-H Club program. The field staff, located in every county, extends M.S.U.'s campus into every township in Michigan. During the 1955-56 year, the Continuing Education Service reached more than 100,000 persons in programs conducted both on campus and in local communities. The Continuing Education Service also directs the M.S.U. Evening College.

Today, more than 19,000 students from Michigan and other states and from nations all over the world are attending the University at East Lansing — about 9,000 of whom are housed on the campus proper. With about 85 percent of these students coming from communities in every section of the state, Michigan State University is doing its part to fill the greatly increased demand of the younger generation for higher education.

In the agricultural, business and professional fields, Michigan State University has proved its worth to the people of the State of Michigan, paying dividends many times the appropriation for its maintenance each year by the state and national governments. Noted for its democratic and friendly spirit, the student body harmonizes with the University faculty to make Michigan State University a first-class educational institution.

THE UNITED NATIONS FLAGS

The 82 flags in the semicircle grouping at the rear of the stage are those of the United Nations. They are displayed in the English alphabetical order

1. AFGHANISTAN
2. ALBANIA
3. ARGENTINA
4. AUSTRIA
5. AUSTRALIA
6. BELGIUM
7. BOLIVIA
8. BRAZIL
9. BULGARIA
10. BURMA
11. BYELORUSSIAN SOVIET
SOCIALIST REPUBLIC
12. CAMBODIA
13. CANADA
14. CEYLON
15. CHILE
16. CHINA
17. COLOMBIA
18. COSTA RICA
19. CUBA
20. CZECHOSLOVAKIA
21. DENMARK
22. DOMINICAN REPUBLIC
23. ECUADOR
24. EGYPT
25. EL SALVADOR
26. ETHIOPIA
27. FINLAND
28. FRANCE
29. GHANA
30. GREECE
31. GUATEMALA
32. HAITI
33. HONDURAS
34. HUNGARY
35. ICELAND
36. INDIA
37. INDONESIA
38. IRAN
39. IRAQ
40. IRELAND
41. UNITED NATIONS
42. ISRAEL

of the countries represented. The United Nations Flag itself is displayed in the center of the semicircle. The arrangement from left to right is:

43. ITALY
44. JAPAN
45. JORDAN
46. LAOS
47. LEBANON
48. LIBERIA
49. LIBYA
50. LUXEMBOURG
51. MEXICO
52. MOROCCO
53. NEPAL
54. NETHERLANDS
55. NEW ZEALAND
56. NICARAGUA
57. NORWAY
58. PAKISTAN
59. PANAMA
60. PARAGUAY
61. PERU
62. PHILIPPINES
63. POLAND
64. PORTUGAL
65. RUMANIA
66. SAUDI ARABIA
67. SPAIN
68. SUDAN
69. SWEDEN
70. SYRIA
71. THAILAND
72. TUNISIA
73. TURKEY
74. UKRAINIAN SOVIET
SOCIALIST REPUBLIC
75. UNION OF SOUTH AFRICA
76. UNION OF SOVIET
SOCIALIST REPUBLICS
77. UNITED KINGDOM
78. UNITED STATES OF AMERICA
79. URUGUAY
80. VENEZUELA
81. YEMEN
82. YUGOSLAVIA

1957 CLASS ROSTER

This includes the names
of those candidates for degrees
June 1957 — August 1957, inclusive.

Candidates are listed by colleges.
The colleges are arranged in the order
in which they were established.

COLLEGE OF AGRICULTURE

The candidates will be presented by DEAN THOMAS K. COWDEN

DEGREE OF BACHELOR OF SCIENCE—*Agricultural Economics*

John Elden Amrhein	<i>Plymouth</i>	Ronald A. Hagaman	<i>Hillsdale</i>	Eugene Richard Maczka	<i>Cheboygan</i>
George Robert Bailey	<i>Detroit</i>	Larry Devere Johnson	<i>Kaleva</i>	Edward Quinones	<i>New York, N. Y.</i>
Earl Lavalley Davis	<i>Detroit</i>	Charles Merle Knapp	<i>Dowagiac</i>	Harold Francis Webster	<i>Kalamazoo</i>
Donald A. Hagaman	<i>Hillsdale</i>				

DEGREE OF BACHELOR OF SCIENCE—*Agricultural Extension*

Raymond Christian Askins	<i>Grand Ledge</i>	Livingstone Latham, Jr.	<i>Olivet</i>	Gordon Foster Oswalt	<i>Vicksburg</i>
Richard Joseph First	<i>Ionia</i>	Glenn Eugene Mattson	<i>Cornell</i>	Dwight Leon Quisenberry	<i>Barryton</i>
John Morgan Johansen	<i>Greenville</i>	Daniel Eugene Myers	<i>Ypsilanti</i>	Roger Bessert Smith	<i>Howell</i>

DEGREE OF BACHELOR OF SCIENCE—*Agricultural Journalism*

Hugh McClellan Culbertson *Fowlerville*

DEGREE OF BACHELOR OF SCIENCE—*Agricultural Mechanics*

Sidney LeRoy Carns	<i>Allegan</i>	Kenneth Lloyd Josey	<i>Lachine</i>	Patrick James Rogers	<i>Caledonia</i>
Walter John Clink	<i>Rosebush</i>	Mark Fredric Newman	<i>Hesperia</i>		

DEGREE OF BACHELOR OF SCIENCE—*Animal Husbandry*

Ernest Edgar Allen	<i>Grosse Pointe</i>	Donald E. Bust	<i>Charlotte</i>	Noel A. Todd	<i>Washington, D.C.</i>
William Paul Branda	<i>Grand Blanc</i>	Theodore Matthew Hoersch	<i>East Lansing</i>		

DEGREE OF BACHELOR OF SCIENCE—*Dairy Manufacture*

David Herman Boyne	<i>Marlette</i>	Carl Richard Hamlin	<i>Springport</i>	Frank Warren Rice	<i>Pontiac</i>
Dickinson R. Gray	<i>Lorain, O.</i>	William Joseph Hessler	<i>Detroit</i>	Ronald Francis Stevenson	<i>Pickford</i>
Ross Stanley Green	<i>Montreal, Canada</i>				

DEGREE OF BACHELOR OF SCIENCE—*Dairy Production*

Lyle Herbert Ludlow	<i>Cass City</i>	William Edson McCarthy	<i>Brewster, N. Y.</i>
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DEGREE OF BACHELOR OF SCIENCE—*Farm Crops*

Duane Calvin Bell *Lansing*

DEGREE OF BACHELOR OF SCIENCE—*Fisheries and Wildlife*

John William Baumeister	<i>Boscobel, Wis.</i>	†Oscar Walter Johnson	<i>Chicago, Ill.</i>	Paul Martin	<i>Windber, Pa.</i>
James Evans	<i>Niles</i>	Lowell Edward Keup	<i>Racine, Wis.</i>	Jack Glenn Mell	<i>Niles</i>

*With Honor
†With High Honor

COLLEGE OF AGRICULTURE (Continued)

DEGREE OF BACHELOR OF SCIENCE—*Fisheries and Wildlife* (Continued)

Thomas Robert Prawdzik	<i>Boyne Falls</i>	*Kenneth Russell Sandy	<i>Lansing</i>	Charles Bruce Smith	<i>Lake Odessa</i>
William Henry Richards, Jr.	<i>Ironwood</i>	Carl Edward Schreck		Thomas Harold Smith	<i>Lansing</i>
Donald Hale Richards	<i>Farmington</i>		<i>Yorktown Heights, N. Y.</i>	Edwin Howard Wilder	<i>Battle Creek</i>
Warren William Rysberg	<i>East Lansing</i>	Donald Blair Siniff	<i>Grafton, O.</i>		

DEGREE OF BACHELOR OF SCIENCE—*Food Technology*

John Robert Hesselink	<i>Grand Rapids</i>	Carl Sal. Napoli	<i>East Lansing</i>
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DEGREE OF BACHELOR OF SCIENCE—*Forest Products*

Arnold Gordon Abramson	<i>Alston</i>	William E. Houseknecht	<i>Jonesville</i>	Richard William O'Brien	<i>Chicago, Ill.</i>
Charles Barkley Baker	<i>Cleveland, O.</i>	William Reid Hummon	<i>Detroit</i>	Daniel Phillip Olson	<i>North Muskegon</i>
Iraj Behbehani	<i>Tehran, Iran</i>	James Richard Johnston	<i>Wauwatosa, Wis.</i>	Donald Alan Pais	<i>Birmingham</i>
Terry Mac Avoy Brown	<i>Holly</i>	Robert Thomas Jones	<i>South Haven</i>	William Theodore Patrick	<i>Dearborn</i>
William Joseph Burke	<i>Detroit</i>	Arnold Anton Kappeler	<i>Sidney, N. Y.</i>	Raymond Joseph Persia	<i>Detroit</i>
Walter M. L. Chang	<i>Honolulu, Hawaii</i>	Cameron Dolson Keim, Jr.	<i>Lansing</i>	Cyril A. Pettit	<i>Detroit</i>
Richard Lee Christensen	<i>Dearborn</i>	Lorenz G. Kisor	<i>Ypsilanti</i>	Kenneth Charles Phelps	<i>Battle Creek</i>
James William Coats	<i>Dearborn</i>	Murray Ellsworth Kostamo	<i>Ishpeming</i>	John Paul Rasmussen	<i>Marlette</i>
James Robert Croyle	<i>Jackson</i>	Kenneth James Larson	<i>Grand Blanc</i>	John Wayne Reitnauer	<i>Jackson</i>
George Chris Dendrinis		John David Lather	<i>Traverse City</i>	Ronald Wallace Schoen	<i>Detroit</i>
	<i>Muskegon Heights</i>	LeRoy Joseph Louchart	<i>St. Charles</i>	Gerald LeRoy Schulz	<i>Barton City</i>
Charles Gerald DeRidder	<i>Norway</i>	Jack Nelson Louks	<i>Centerline</i>	Vernon Frank Simmons	<i>Harper Woods</i>
Franklin Eugene Diebold	<i>Bangor</i>	Donald Frederick Luebs	<i>Detroit</i>	James Edward Smith	<i>Allen Park</i>
Philip Robert Dressler		Thomas Jay Masters	<i>Okemos</i>	*Richard Conklin Smith	<i>Sheridan</i>
	<i>Clarendon Hills, Ill.</i>	Robert Donald Matuja	<i>Detroit</i>	Robert Max Sweitzer	<i>Lansing</i>
Robert Francis Frisosky	<i>Lansing</i>	Robert Duane McDaid	<i>Lansing</i>	William Christian Taylor	<i>Trenton</i>
Dale Carlton Gage	<i>Saginaw</i>	William Cozadd McGee	<i>Buffalo, N. Y.</i>	Marvin M. Thayer	<i>Howell</i>
James William Golbeck	<i>McHenry, Ill.</i>	Gerald Floyd Meir	<i>Pinconning</i>	Gerald Hubert Triplett	<i>Detroit</i>
James H. Gordon	<i>Lansing</i>	John Joseph Monahan	<i>Flint</i>	James Terry Upton	<i>Rochester</i>
Joseph Bart Grammatico	<i>Ann Arbor</i>	Tom Clifford Moore	<i>Twin Lake</i>	Edward Miles Waldron	<i>Coldwater</i>
Richard Walden Graves		Nicolai Mularevich	<i>Dearborn</i>	Kenneth Earl Walker	<i>Lansing</i>
	<i>San Francisco, Cal.</i>	Richard David Murphy	<i>Grand Rapids</i>	Gerald Irving Walworth, Jr.	<i>River Rouge</i>
James Lewis Gutschow	<i>Mt. Clemens</i>	Donald James Norris	<i>Flint</i>	Carter Braxton Wurts	<i>Onkama</i>
Gerald M. Hager	<i>Saginaw</i>	Frank B. Oatley	<i>Calumet</i>	Ernest George Zetzman, Jr.	<i>Lansing</i>
Robert Gene Hanlon	<i>Wayland</i>				

DEGREE OF BACHELOR OF SCIENCE—*Forestry*

Edward Benson	<i>Edina, Liberia</i>	James Leo Kimball	<i>Lansing</i>	Paul Hubert Morehouse	<i>Jackson</i>
John Herman Beuter	<i>Chicago, Ill.</i>	*James Phillip King	<i>Chicago, Ill.</i>	David Dean Rathbun	<i>Vermillion, O.</i>
*Thomas Russell Clark	<i>Grand Rapids</i>	Don L. Kulow	<i>Reading</i>	*Jerry William Riffle	<i>South Bend, Ind.</i>
*Gordon Arthur Colby	<i>Sparta</i>	Raymond Charles Langguth, Jr.	<i>Niles</i>	Robert David Sachs	<i>Detroit</i>
Richard George Dearsley		*Ronald John Larsen	<i>Chicago, Ill.</i>	Harold Rolland Thompson	<i>Lawrence</i>
	<i>Wauwatosa, Wis.</i>	Robert Harry Mason	<i>Ecorse</i>	Donald Lee Thornburg	<i>Joliet, Ill.</i>
Durell Phillip Fenwick	<i>Jackson</i>	Wolfgang Moritz Mattes	<i>Detroit</i>	Robert Wesley Vorce	<i>Farmington</i>
William Burrell Greene	<i>Kalamazoo</i>	Archie Meyer	<i>Atlanta</i>	†Dean Bessmer Webb	<i>Lansing</i>
Lawrence William Hoffman	<i>Ironwood</i>	Gero Eldon Mitschelen	<i>Bronson</i>		

DEGREE OF BACHELOR OF SCIENCE—*Horticulture*

Francis Wesley Baxter, Jr.	<i>Lansing</i>	Carolyn Joyce Funk	<i>Cleveland, O.</i>	*Calvin Julius Prillwitz	<i>Eau Claire</i>
*Bruce E. Bishop	<i>Royal Oak</i>	James Carrick Krone	<i>East Lansing</i>	Albert Alidoor Stragier	<i>Mt. Clemens</i>
John Clarence Burchfield	<i>Holland, O.</i>	Donald Gordon Listing	<i>Scottville</i>	Antonio Peter Viviano	<i>Detroit</i>
Richard Hugh Delano	<i>Grand Rapids</i>	Robert Alex Noethen	<i>Toledo, O.</i>		
Robert O. Foegley	<i>South Bend, Ind.</i>	*Maurice Lambert Olson	<i>South Haven</i>		

*With Honor

†With High Honor

COLLEGE OF AGRICULTURE (Continued)

DEGREE OF BACHELOR OF SCIENCE—*Landscape Architecture and Urban Planning*

Joan Adele Bagby	<i>Grand Rapids</i>	Charles Louis Leider	<i>Howard, S. Dak.</i>	Roger Phillip Scharmer	<i>Montague</i>
James William Bigelow	<i>Petoskey</i>	William A. Lynch	<i>Saginaw</i>	David Ralph Seigneur	<i>Newberry</i>
Donald Charles Brownell	<i>Detroit</i>	Jack Richard Merrill	<i>Grand Rapids</i>	Robert King Sloane	<i>Cairo, O.</i>
Gerald Thomas Cavan	<i>Detroit</i>	Donald Walter Plezia	<i>Detroit</i>	Richard Carl Spitler	<i>Petoskey</i>
Wesley Allen Frank	<i>Grosse Pointe</i>	Douglas Roger Porter	<i>Lansing</i>	Donald Duane Trombly	<i>Detroit</i>
Donald Otto Halamka	<i>Brookfield, Ill.</i>	Max Reinier Putters	<i>Birmingham</i>	*John Lee Wacker	<i>Bexley, O.</i>
Ivar O. Iverson, Jr.	<i>Yonkers, N. Y.</i>	Charles Wilbur Rice	<i>Pontiac</i>	Donald Jeff Ward	<i>Indianapolis, Ind.</i>
*Robert Lee Kent, Jr.	<i>Detroit</i>	David Guido Riemer	<i>Aurora, O.</i>	Bruce Horace Warren	<i>Howell</i>
Robert Paul Knight	<i>Lansing</i>	Robert James Rothhaupt	<i>Suffern, N. Y.</i>	George Desmond Young	<i>Oak Park</i>
Peter Lawrence LaPorte	<i>Utica, N. Y.</i>	John Allen Sanderson	<i>Detroit</i>		

DEGREE OF BACHELOR OF SCIENCE—*Poultry Husbandry*

William Robert Armstrong	<i>Detroit</i>	Quentin John Freidhoff	<i>Romeo</i>	Lucio Rodriguez G.	<i>Lansing</i>
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DEGREE OF BACHELOR OF SCIENCE—*Resource Development*

Louis Ellsworth Atkins	<i>Port Huron</i>	Carl L. Freiberg	<i>Detroit</i>	*Thaddeus Stanislaus Piwowar	<i>Lansing</i>
†Frank Robert Blatnick	<i>Lakewood, O.</i>	Seymour Murray Gold	<i>Detroit</i>	*David Llewellyn Phillips	<i>Port Huron</i>
Erwin Jackson Erickson	<i>Ironwood</i>	*Richard Neal Horner	<i>East Lansing</i>		

DEGREE OF BACHELOR OF SCIENCE—*Soil Science*

Gaylord E. Denslow	<i>Evart</i>	Richard Lee Larson	<i>Grand Blanc</i>	Don Frederick Staton	<i>Detroit</i>
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DEGREE OF BACHELOR OF SCIENCE—*Agricultural Education*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Dale William Bachelor	<i>Petoskey</i>	Roger Walton Hillard	<i>Pioneer, O.</i>	Robert Allan Pangman	<i>Harbor Beach</i>
William Warren Blodgett	<i>Cassopolis</i>	*Lester James Howard	<i>East Jordan</i>	*Maurice Robert Rhoads	<i>Comins</i>
Gordon Edwin Bowerman	<i>Bronson</i>	*Philip Dean Knowles	<i>Manitou Beach</i>	Carlyle Alexander Roberts, Jr.	<i>Charlevoix</i>
*Gerald Leon Cole	<i>Hastings</i>	Willard Lloyd Koukkari	<i>Ishpeming</i>	John Christopher Rogge, Jr.	<i>Detroit</i>
Ronald Gary Cousino	<i>LaSalle</i>	Robert Joseph Lakics	<i>Hale</i>	William J. Rountree	<i>Sears</i>
Charles Martin Crabill	<i>Bronson</i>	James Edmund Leach	<i>Lapeer</i>	†Kenneth Charles Shepard	<i>East Jordan</i>
Richard William Daly	<i>Owosso</i>	Lloyd Lawrence Lober	<i>Martin</i>	Ralph Heath Sill	<i>Gaines</i>
Maurice Keith Decker	<i>Deckerville</i>	†Max Edward Maichele	<i>Middleville</i>	Charles Ernest Snyder, Jr.	<i>Allendale</i>
James William Dittmer	<i>Scottville</i>	Robert Wilbur McLachlan	<i>Williamston</i>	*LaVerne Rea Spotts	<i>Temperance</i>
Victor Lee Finch	<i>St. Louis</i>	Charles Allen Menke	<i>Stephenson</i>	*Merlyn Dean Wagner	<i>Tecumseh</i>
Ronald J. Fritch	<i>Deckerville</i>	*Harry Miller	<i>Middletown, N. Y.</i>	David B. Watson	<i>Elsie</i>
Jerry Hamming	<i>McBain</i>	Edward Mumich	<i>Boyne Falls</i>	Lindon Allen Wood, Jr.	<i>Jackson</i>

DEGREE OF MASTER OF SCIENCE—*Agricultural Economics*

Raymond Eugene Borton	<i>Lansing</i>	John Edward Hostetler	<i>Fraser</i>	Hsin Fu Wang	<i>Taipei Hsien, Formosa</i>
Jean Charles Evans	<i>Hebron, Ind.</i>				

DEGREE OF MASTER OF SCIENCE—*Agricultural Engineering*

Chung-Sheng Cornelius Shih	<i>Taipei Hsien, Formosa</i>
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DEGREE OF MASTER OF SCIENCE—*Agricultural Extension*

Byron Earle Colby	<i>Amherst, Mass.</i>	Leland Gerald Jinks	<i>Warsaw, N. Y.</i>	Ray Homer Peffers	<i>Adrian</i>
Albert Truman Hall	<i>Almont</i>	Charles Jacob Little	<i>Chatham</i>		

*With Honor
†With High Honor

COLLEGE OF AGRICULTURE (Continued)

DEGREE OF MASTER OF SCIENCE — *Dairy*

Victor Clement Beal, Jr. *Stanton* Sherman Rosenberg *Chicago, Ill.* Lyle Harry Wadell *Elsie*
 Frank V. Gendron *Norway*

DEGREE OF MASTER OF SCIENCE — *Farm Crops*

Takao Miyamoto *Odawara, Japan*

DEGREE OF MASTER OF SCIENCE — *Fisheries and Wildlife*

Rainer Hans Brocke *Bombay, India* Raymond Dale Schofield *Mason* Rodney Richard Smith *Houghton Lake*
 Joseph Bruce Hunn *St. Paul, Minn.*

DEGREE OF MASTER OF SCIENCE — *Food Technology*

Leonard L. Metacek *La Habra, Cal.* Henry Samuel Wedge *Mt. Clemens*

DEGREE OF MASTER OF SCIENCE — *Forest Products*

Alfred Austen Barker
Pangbourne, England

DEGREE OF MASTER OF SCIENCE — *Forestry*

Roe Saunders Cochran *East Lansing* Stuart William McCullough *Norbert Bernard Underwood*
 Harold Gene Herring *Coldwater* *Highland Park* *Milwaukee, Wis.*
 Arthur William Krumbach, Jr. *Royal Oak* William Robert Paddock, Jr. *Roman Barona Valera*
 Martin P. Lopez *Manila, Philippines* *Park Falls, Wis.* *Banquet, Abra, Philippines*

DEGREE OF MASTER OF SCIENCE — *General Agriculture*

James Hammond Luther *Ludington* Bruce Gordon Mitchell *Swartz Creek*

DEGREE OF MASTER OF SCIENCE — *Horticulture*

Eric Mayne *Antrim, Northern Ireland* James Lee Taylor *Berkey, O.*

DEGREE OF MASTER OF SCIENCE — *Poultry Husbandry*

Hugh Swaney Johnson *Chicago, Ill.* Samuel F. Ridlen *Lansing* Robert James McVicker *Mapleton, Ia.*

DEGREE OF MASTER OF SCIENCE — *Resource Development*

Daniel Benton Biser, Jr. *Baltimore, Md.* William Douglas Marks *Grand Rapids* Don E. Patterson *Slaton, Tex.*
 Earl Eugene Fenton *Portland* Leslie Glen McMillion *Spur, Tex.* Jon-Eric Thorston Stenson *Baraga*
 John Willis Hamp *Nashville* Harvey Kenneth Nelson *Saginaw* Marjory Powell VanWart *Amityville, N. Y.*

DEGREE OF MASTER OF SCIENCE — *Soil Science*

Raman Gopinath Menon *Dumdum, India* Nicolaos John Yassoglou
Thessaloniki, Greece

DEGREE OF MASTER OF URBAN PLANNING — *Urban Planning*

Richard Milton Bauer *Hatboro, Pa.* Joseph Martin Prochaska *Detroit* Daniel Winn Varin *Detroit*

*With Honor
 †With High Honor

COLLEGE OF ENGINEERING

The candidates will be presented by DEAN JOHN D. RYDER

DEGREE OF BACHELOR OF SCIENCE — *Agricultural Engineering*

John W. Billett	<i>Hamilton</i>	Leslie David Lee	<i>Northville</i>	Marvie Duane Satterlee	<i>Belding</i>
*Allen Frederick Buttbaker	<i>Marcellus</i>	Philip James Mielock	<i>Whittemore</i>	†Isaac Sheppard, Jr.	<i>Shreve, O.</i>
†Robert Dean Fox	<i>Cass City</i>				

DEGREE OF BACHELOR OF SCIENCE — *Chemical Engineering*

*Richard Thomas Bourns	<i>South Lyon</i>	Walter Anthony Ludka	<i>Traverse City</i>	William Ervin Sandford	<i>Pompeii</i>
Benjamin Castro	<i>Auburn, N. Y.</i>	William Lawrence Mackle	<i>Detroit</i>	Edward James Sawyer	<i>Springboro, Pa.</i>
Richard Howard Clark	<i>Flushing</i>	Larry Russ Mason	<i>Battle Creek</i>	Rogers Harold Schultz	<i>Bay City</i>
Vernon Duane Feighner	<i>Nashville</i>	*William Allen May, Jr.	<i>Muskegon</i>	Harold Kenneth Silver	<i>Ludington</i>
*Aaron Lloyd Gettel	<i>Pigeon</i>	Nelson Bruce Meredith	<i>Grosse Pointe Woods</i>	†Craig Alan Sterling	<i>Battle Creek</i>
William Clark Hillemeier	<i>Flossmoor, Ill.</i>	George Delos Miller	<i>Lancaster, N. Y.</i>	Charles Thomas Stocker	<i>Metamora</i>
Lee Edgar Jerome	<i>Benton Harbor</i>	*Ronald James Nugent	<i>Frankfort</i>	†Lawrence Roosevelt Walker	<i>Gary, Ind.</i>
Robert Dale Jones	<i>Jackson</i>	Charles William Rectenwal	<i>Cassopolis</i>	Robert Merrick Warner	<i>Petoskey</i>
Peter H. Kondo, Jr.	<i>Rochester</i>	Merrill James Sanderson	<i>Muskegon</i>	Warren Anthony Wickstrom	<i>Menominee</i>
Harold Carlton Lohrberg	<i>Moline</i>			Jerrold Winger	<i>Cleveland Heights, O.</i>

DEGREE OF BACHELOR OF SCIENCE — *Civil Engineering*

Alfred George Benker	<i>Detroit</i>	†James Keith Iverson	<i>Lake City</i>	Cullen Douglas Moncreiff, Jr.	<i>Harrison</i>
John William Bischoff	<i>St. Joseph</i>	Ralph Milton Jacobs	<i>Stronach</i>	James Perry Neve, Jr.	<i>Kalamazoo</i>
Harry Robert Brasington	<i>Mt. Pleasant</i>	*James Walter Jennings, Jr.	<i>E. Norwalk, Ct.</i>	Paul Howland Norton	<i>Traverse City</i>
Herbert Nelson Brehmer	<i>Suttons Bay</i>	Subhi M. Kalla	<i>Damascus, Syria</i>	Robert George Pascoe	<i>Dearborn</i>
Howard Daniel Brown	<i>Saginaw</i>	Gus J. Kavalaris	<i>Lansing</i>	Murray Howe Poland	<i>Muskegon</i>
Robert Forbes Cromwell	<i>LeRoy, N. Y.</i>	John Kazenko	<i>Silverwood</i>	Roy Clarence Rodd	<i>Mason</i>
Titus H. Drake, Jr.	<i>St. Joseph</i>	Valdis Imants Krumins	<i>Cleveland, O.</i>	Eugene Neil Russell	<i>Lansing</i>
†Leonard Efron	<i>New York, N. Y.</i>	Roger Andrew Lackman	<i>Thomaston, Ct.</i>	Jerry Allen Snider	<i>Okemos</i>
Stanley Sherwood Ernst, Jr.	<i>Grosse Pointe Woods</i>	†James Sims Leigh	<i>East Lansing</i>	Courtlandt Thomas Van Vechten	<i>Chey Chase, Md.</i>
*James Martin Falk	<i>Fowler</i>	Samuel Isadore Lipka	<i>New York, N. Y.</i>	Walter Emery Voorheis	<i>Frankenmuth</i>
Ronald Michael Flood	<i>Perry</i>	David Ulrich Maier	<i>North Scituate, R. I.</i>	Irvin Morton Waitsman	<i>Athens, Ga.</i>
Alexander Hodgson Fraser	<i>Detroit</i>	Robert Lee Mason	<i>Lake City</i>	Harry Douglas Waldron	<i>Ionia</i>
Donald Clarence Haske	<i>Bay City</i>	James Lewis Massa	<i>Bessemer</i>	James Samuel Wesley	<i>Lansing</i>
Jerry Monroe Iverson	<i>Cadillac</i>	Ronald Dana McDonald, Jr.	<i>Okemos</i>		

DEGREE OF BACHELOR OF SCIENCE — *Electrical Engineering*

Wayne B. Abbott	<i>Melvindale</i>	*Donald Leo Burns	<i>Manton</i>	†Lewis Clyde Engbrenghof	<i>Grand Rapids</i>
Melvin Maynard Anderson	<i>Wallace</i>	*James Miles Cantrell	<i>Benton Harbor</i>	Carroll Richard Fencil	<i>Ewen</i>
*Charles Nicholas Armstrong	<i>Edwardsburg</i>	John Frederick Chambers	<i>Eaton Rapids</i>	*William Archer Florac, Jr.	<i>St. Clair Shores</i>
*Onley E. Arnold	<i>Johnson City, N. Y.</i>	Thane Grattan Cook	<i>Detroit</i>	Charles William Flynn	<i>Lansing</i>
William Joseph Ausberger	<i>Grand Rapids</i>	*Calvin Samuel Crimp	<i>Detroit</i>	*Richard Merton Ford	<i>Manton</i>
Richard Raymond Balongue	<i>Whitehall</i>	Robert Charles Crombe	<i>Penfield, N. Y.</i>	Richard Louis Forrest	<i>Joy, Illinois</i>
*Robert Edward Bannick	<i>Flint</i>	Roger Nelson Crummer	<i>Lansing</i>	Robert Edward Fredericks	<i>Tarrytown, N. Y.</i>
†Bernard Anthony Bartos	<i>Midland</i>	†Gordon Henry Danielson	<i>Muskegon</i>	John Edward Garland	<i>Rochester, N. Y.</i>
James Patrick Beetham	<i>Detroit</i>	*Charles Neil Dresbach	<i>Flint</i>	Arthur Edwin Gaunt	<i>Lansing</i>
Richard Lee Blost	<i>Lansing</i>	Russell Martin Elenbaas	<i>Grand Rapids</i>	Norman Richard Gill	<i>Lansing</i>
*Frederick Evans Brewer	<i>Lansing</i>	Richard Joseph Elsenheimer	<i>Traverse City</i>	Walter Glanton, Jr.	<i>Detroit</i>
Bruce Theodore Brown	<i>Centerville</i>	Raymond A. Eng	<i>Gary, S. Dak.</i>		

*With Honor
†With High Honor

COLLEGE OF ENGINEERING (Continued)

DEGREE OF BACHELOR OF SCIENCE — *Electrical Engineering (Continued)*

†John Thornton Greene	Saginaw	†Gordon Rex Morin	Whitehall	*Lee Edgar Shipman	Grand Ledge
*John Ord Griggs, Jr.	Battle Creek	Edward Allen Mote	Lansing	†Howard Tate Shippen	Detroit
Benjamin Wayne Hain	Owosso	Freeman Delos Moyer	Keego Harbor	Donald Richard Smith	East Lansing
*Eugene Everett Hanson	Kalamazoo	Harold Natenstedt	Detroit	William Allan Stanke	Grosse Point
William Arthur Hazlett	Grand Rapids	Jarrold Morris Olsson	Cadillac	Carl Edmund Talaski	Bad Axe
*Ronald Eugene Hileman	Lansing	Joseph Earl O'Neil	Chicago, Ill.	*Richard Alton Tillotson	Grand Rapids
*Norboru Hironaka	Paia, Hawaii	Clarence Robert Ott, Jr.	Sawyer	†Cesare Giuliano Ugianskis	Grand Rapids
George William Humphrey	Detroit	Duane Mortimer Patten	Battle Creek	Bernard Van Wert	Pinconning
Carl Lee Huntoon	Jackson	Roy Richard Pilkington	Portland	*William Harold Wallschlaeger	Milwaukee, Wis.
Harry Guy Johnson	Flint	*Bernard Potwardowski	Goetzville	Richard LeRoy Walters	Birmingham
*Mark Lawrence Johnson	Flint	Robert Morris Putnam	Climax	Kenneth Dorwin White	Lansing
*Selwyn Jones	Hamilton, Canada	Richard Bunker Quick	Richmond	Frank Edward Wilburn	Detroit
Karl Frederick Kaub	Evansville, Ind.	Dale Edward Randall	Manchester	Roderick LeRoy Wilson	Haslett
Leo Earl Keiser	Battle Creek	Giles Joseph Richards	Brampton	†John Lyle Wirth	New Troy
Kenneth Carl Klinkner	Muskegon	Curtis Harlen Richmond	Saginaw	Charles Shepard Withey	Grand Rapids
*Ernest Richard Lapensee	Detroit	Roger John Riewald	Grand Rapids	*James Carl Wood	Mt. Pleasant
Patrick Gerard Maloney	Grand Rapids	Donald Arthur Rollins, Jr.	Three Rivers	Lewis Fillmore Zuber	Detroit
James William Matko	Bay City	Albert Alva Rolstead	Grand Rapids		
Harold Stanley Mawby	Belding	*Conrad George Roth	Walden, N. Y.		
Bernard Charles Miller	Muskegon	*Robert Albert Settersten	Grand Rapids		

DEGREE OF BACHELOR OF SCIENCE — *Mechanical Engineering*

Douglas King Ahern	Rochester, N. Y.	†Fred Edmund Freiheit	Potterville	Jack Elden Myers	Lansing
Jon Gubmann Albertsson	Akureyri, Iceland	†Ralph Wendell Furtney, Jr.	Mason	Hugh Campbell Niven	Livonia
*Donald Lavern Alger	Manton	*Max Reinhart Gietzel	Lansing	John Edward Nolan	Lansing
Jacques Edward Ameil	St. Petersburg, Fla.	Douglas Allan Graham	Lansing	Wilburt Olshansky	Detroit
Robert Joseph Barber	Northville	Mary Ann Hafke	Detroit	Donald J. Ousterhout	East Lansing
Kenneth Lee Baskin	Muskegon Heights	Gerald Thomas Hardy	Pontiac	Clarence William Parker	East Lansing
Mohinder Singh Bedi	Ajmer, India	James Burton Hellwarth	Detroit	John Edgar Peterson	Escanaba
Everett Lamar Bennet	Ferndale	Dean Lee Henney	Perrinton	James Edward Peterson	Ionia
Frank Alvin Bergstrom	Muskegon	Richard Arthur Higginbottom	Birmingham	Dwaine Nicholas Polzin	Grand Blanc
James Alexander Breza	Bay City	Frank Bryson Hill	Jackson	Richard Milton Raab	Reed City
George William Brooke, Jr.	Mt. Clemens	Gunther Manfred Hochmiller	Wolfsburg, West Germany	*Max Walter Reck, Jr.	Muskegon
*John Fiske Brown	New Haven, Ct.	Allan William Horner	Rochester, N. Y.	Larry Russell Reeder	Lake City
Patrick Dennis Burke	Grosse Pointe	Karl Francis Jackson	Mohawk	Richard Quig Roelofs	East Detroit
Richard George Burke	Schenectady, N. Y.	Frederick Kent Jensen	Detroit	Richard Warren Rogers	Detroit
*Clarence Gordon Chambers, Jr.	Spring Arbor	Jere Peter Kemp	Birmingham	*James Edward Ruotanen	Ontonagon
*Bruce Allen Chubb	East Lansing	Warren Dean Kleis	Lansing	†James Cutler Saylor	Bloomfield Hills
Alan Longley Cornet	Grand Rapids	Loran L. Kollmorgen	East Lansing	H. Wallace Schauer	Oak Park, Ill.
Richard Ridgeway Crampton	Grand Rapids	Charles Frederick Kummer	Butler, Pa.	John J. Schrenk	Detroit
John Ernest Creager	Oak Park, Ill.	Thomas Daniel Lawton	Niantic, Ct.	Gerald Val Setera	Detroit
Roscoe William Davis, Jr.	Brooklyn, N. Y.	James Richard Lederer	North Tonawanda, N. Y.	*Thomas E. Slattery	Ortonville
Richard James Day	Flint	Harold Vaughn Lindow	Shelby	Robert David Stapelman	Lansing
†Hans Edward Decarli	Flint	Cecil Lawrence Marckel	Lansing	Richard Arthur Stevens	N. Muskegon
Karl August Diener	Saginaw	Raymond Joseph Matyas	W. Hazleton, Pa.	Thomas Franklin Stomps	Monroe
Richard Edwin Duda	Hartford	James William McKinley	Detroit	Fremont Graham Thompson	Greenville
Clyde L. Duncan, Jr.	Adrian	Ronald James Miller	Durand	Kenneth Gene Timpson	Alto
George John Fabian	Bridgeport, Ct.	David Clare Mitchell	Farmington	*William Robert Trecka	Chicago, Ill.
James Edward Fent	Montrose	Earl Edwin Morrall	Muskegon	Ken W. Vesey	Ottawa Lake
John Joseph Fitzgerald	Ogden, Ut.	*David Bennat Morse	Coloma	Donald Allan Wahrman	Romulus
*Eugene Oakleigh Fowler	Lansing	David Theodore Mudgett	Muskegon	Richard Pierce Williamson	Toledo, O.
				Richard Wayne Willyoung	Lansing
				Thomas Scott Wright	LaCanada, Cal.

DEGREE OF BACHELOR OF SCIENCE — *Metallurgical Engineering*

David Thomas Bourgette	Ludington	Ronald Norman Friedman	Muskegon Heights	†Neal Thomas Saunders	Dearborn
*Roland Maurice Brown	Gary, Ind.	Richard Allan Harlow	St. Johns	William Nelson Somervill	Jackson
Russell Eugene Cribbs	Muskegon	Lawrence Charles Rowe	Flint		
Carl Clifford Flink	Saxon				

*With Honor
†With High Honor

COLLEGE OF ENGINEERING (Continued)

DEGREE OF MASTER OF SCIENCE—*Applied Mechanics*

Gene R. Cudney Pontiac Vincent Louis Pisacane Philadelphia, Pa. Brant Alison Short Bay City

DEGREE OF MASTER OF SCIENCE—*Chemical Engineering*

Robert Alexander Brandon Allen Park Donald Robert Parker Lansing Rodney David Wood Charlotte
John May, Jr. Remus

DEGREE OF MASTER OF SCIENCE—*Civil Engineering*

Christopher David Couzens Hyde, England Loyd Evans Winer Grand Rapids

DEGREE OF MASTER OF SCIENCE—*Electrical Engineering*

LeeRoy William Hausman Louisville, Ky. George Bennett Jones Detroit William Charles Troll Grand Rapids

DEGREE OF MASTER OF SCIENCE—*Mechanical Engineering*

Fred Edmund Freiheit Charlotte Jerry Dice Griffith Auburn, Ind. Edward John Polk Flint
Vernon Dale Gebben Zeeland

DEGREE OF MASTER OF SCIENCE—*Metallurgical Engineering*

John Francis Lederer Niagara Falls, N. Y.

*With Honor
†With High Honor

COLLEGE OF HOME ECONOMICS

The candidates will be presented by DEAN THELMA E. PORTER

DEGREE OF BACHELOR OF SCIENCE — *Child Development*

Joanne Hawkey *Delmar, N. Y.*

DEGREE OF BACHELOR OF SCIENCE — *Dress Design*

Audrey Jean Goerke *Dearborn* Marlene Jean Scott *Harbor Beach*

DEGREE OF BACHELOR OF SCIENCE — *Foods*

Ardel Marie Adam *Grosse Ile.* Barbara Joy Proudfoot *Toronto, Canada* Mariel Ann Walker *Greenville*
*Mary Frances Brunson *Clawson* Sally Schlereth *Rochester*
*Lorraine Alice Nagler *Detroit* Jean Ann Trinklein *Frankenmuth*

DEGREE OF BACHELOR OF SCIENCE — *General Home Economics*

GeNel Louise Baker *Detroit* Judith Marie Jordan *Elm Grove, Wis.* Ellen Louise Stover *Grand Rapids*
Patricia Ann Brady *Northfield, Ill.* Janet Ann Kost *Lake Forest, Ill.* Marilyn Kay Thayer *Fremont*
Ellen Daane Chrouch *Plymouth* *Marilyn Kay Nemecek *Capac* Audrey Estelle Wasz *Lombard, Ill.*
Sandra Kay Feldpausch *Grand Rapids* *Betsy Jane Richards *East Lansing*
Marcia Jean Irvine *Grand Rapids* Kathryn Louise Stencel *Ionia*

DEGREE OF BACHELOR OF SCIENCE — *Home Economics Extension*

Jill Frost Lichtwardt *Lansing* Sandra Fiebich *Lansing* Jean Adell Richmond *Saginaw*
Audrey Eileen O'meara *North Muskegon* Grace Elleanor Howe *East Lansing*
Mary Louise Walquist *Grand Rapids* Barbara Kay McKey *Grand Rapids*

DEGREE OF BACHELOR OF SCIENCE — *Home Economics Journalism*

Holly Ruth Heinze *Howell* Regina Ann Medvezky *Bay City* Patricia Sullinger *Harper Woods*

DEGREE OF BACHELOR OF SCIENCE — *Home Furnishings*

Marilyn Gail Cowell *Grand Rapids* Susanne Mc Kee *Niles* Janice Augusta Richardson *Ypsilanti*
Barbara Black Dondero *Detroit* Mary Ann Milner *Midland* Nancy Carolyn Sinclair *Kalamazoo*
Mary Lou Estes *New Haven* Margaret Jean Moxley *East Lansing*
Arlene Ruth Maier *Lansing* Gloria Mae Ott *Detroit*

DEGREE OF BACHELOR OF SCIENCE — *Nutrition*

Arvye Dathleen Abbott *East Lansing* Claire Adelle Hultquist *Lansing* †Sally Ann Wellemeyer *Vassar*
*Clara Louise Boughner *Algonac* †Mary Elizabeth Johnson *Detroit* Kathleen Egner Tepe *Royal Oak*
Margery Frances Curran *Roslyn Estates, N. Y.* *Loella Mae Smith *Glen Ellyn, Ill.*
Jean Wehrlin *Palmyra, N. Y.*

DEGREE OF BACHELOR OF SCIENCE — *Institution Administration*

Judith Martha Amidon *Seneca Falls, N. Y.* Margaret Anne Gorman *Detroit* Joan Weideman *New Haven*
Jean Ann Sterling *Grand Rapids* Jane Florence Whelan *East Lansing*

*With Honor
†With High Honor

COLLEGE OF HOME ECONOMICS (Continued)

DEGREE OF BACHELOR OF SCIENCE—*Retailing*

*Georgia Jeanne Bassett	<i>Chicago, Ill.</i>	Nancy Jean Frost	<i>LeRou, N. Y.</i>	Denice Ann Olds	<i>Grosse Pointe</i>
Paula McDonald Beech	<i>Birmingham</i>	Betty June Galloppi	<i>Eggertsville, N. Y.</i>	Patricia Jean Owen	<i>Chicago, Ill.</i>
Barbara Elaine Bolik	<i>Detroit</i>	Carol Ann Hodge	<i>East Lansing</i>	*Alice Mary Pritchard	<i>Grand Rapids</i>
Carol Ann Colvett	<i>Valparaiso, Ind.</i>	Barbara Lee Jacobs	<i>Des Plaines, Ill.</i>	Barbara Lee Sheppard	<i>Birmingham</i>
Kay Marie Crouse	<i>Comstock Park</i>	*Lois Ann Jacobson	<i>Niles</i>	Julie Law Stainton	<i>Greensburg, Pa.</i>
*Ellen Macomb Dowling	<i>Detroit</i>	Susan Ann Lindberg	<i>Grosse Pointe</i>	Martha Anne Striffler	<i>New Baltimore</i>
Marilyn Jean Downer	<i>Saginaw</i>	Audrey Ann Mackniesz	<i>Huntington Woods</i>	Jane Catherine Thompson	<i>Monroe</i>
Mary Annette Eberly	<i>Vernon</i>	Sharon Lee McDonna	<i>Milwaukee, Wis.</i>	Joan Wehrlin	<i>Palmyra, N. Y.</i>
Elaine Elsa Falk	<i>Lansing</i>	Sue Beth Miller	<i>Grosse Pointe</i>	Suzanne Pauline Worz	<i>Detroit</i>
Nancy Jane Foster	<i>East Lansing</i>				

DEGREE OF BACHELOR OF SCIENCE—*Child Development*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Eleanor Mary Champine	<i>Detroit</i>	Elaine Kneale	<i>Pontiac</i>	Suzanne Marie Steinert	<i>Sparta</i>
Jean Ann Elliott	<i>Lansing</i>	*Janet Orpha Knopf	<i>Mason</i>	Joyce Carolyn Tirb	<i>Manchester</i>
Mary Ann Furr	<i>Dekalb, Ill.</i>	Lorinda McGregor Lane	<i>Sparta</i>	Virginia Townsend	<i>Birmingham</i>
Linda W. Verplank Gebben	<i>Zeeland</i>	Jean Rassbach	<i>Cleveland, O.</i>		
*Marcia Zoe Gurevich	<i>College Park, Md.</i>	Charlene Yvonne Schroeder	<i>Allegan</i>		

DEGREE OF BACHELOR OF SCIENCE—*Home Economics*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Ruth Ann Andersen	<i>Scottville</i>	Beverly Eileen Gillette	<i>Bellevue</i>	Catherine Ann Riegel	<i>East Lansing</i>
Janice Rai Boersma	<i>Holland</i>	Shirlene Reichelt Harris	<i>Dansville</i>	Ruth Jerene Rooks	<i>Holland</i>
Rolene Jane Borgen	<i>Elk Rapids</i>	†Margaret Sue Keeley	<i>Franklin</i>	Nancy C. Ryan	<i>Duncan, Ariz.</i>
Vera Borosage	<i>East Lansing</i>	Kay Jean Lanz	<i>Deerfield</i>	Jean Culbertson Spigler	<i>Terre Haute, Ind.</i>
Lucille Boucher	<i>Dearborn</i>	Judith Mae Leavengood	<i>Detroit</i>	Delia Nadine Aprowl	<i>Croswell</i>
Bererly Joan Burrus	<i>Buchanan</i>	Betty Jane LeRoy	<i>East Jordan</i>	Barbara Lou Stedman	<i>Grand Rapids</i>
*Beverly Elizabeth Brail	<i>Horton</i>	Beatrice Jean Lewis	<i>Centerville</i>	*Vera Lou Sturgeon	<i>Orchard Lake</i>
*Nancy Kay Carlson	<i>Frankfort</i>	Beverly June Lindsley	<i>LaGrange, Ill.</i>	Mary Elizabeth Sullivan	<i>Flint</i>
Kay Ann Conley	<i>Brighton</i>	Catharing Lael Line	<i>Perry</i>	Bernice Mitsue Tanaka	<i>Kapaa Kauai, Hawii</i>
*Barbara Swanson Cox	<i>Grand Rapids</i>	Nancy Sue Loomis	<i>Deerfield</i>	*Marlene Janice Upright	<i>Lansing</i>
*Dolores Lorraine Czerwinski	<i>Detroit</i>	Sue Elizabeth Martin	<i>Lapeer</i>	*Barbara Ann Weyand	<i>Detroit</i>
Mary Wood Davidson	<i>Cass City</i>	Ruth Ann Mitchell	<i>St. Johns</i>	Marilyn Joan Woodruff	<i>Flint</i>
*Janet Jane DeRidder	<i>Galien</i>	Martha Lynne Mohnke	<i>East Lansing</i>	Dorothy Gay Wright	<i>Bloomfield</i>
Janet Estelle Doremire	<i>Midland</i>	Delores Ann Mott	<i>Lakewood, O.</i>		
Janet Lee Forbes	<i>Madison Hts.</i>	Susan Porter	<i>Albion</i>		
Martha Ellen Gibson	<i>Kenmore, N. Y.</i>	Valerie Louese Radee			

DEGREE OF MASTER OF ARTS—*Home Management*

Lucila G. Charneco	<i>San Juan, Puerto Rico</i>	Engelina deJong	<i>Hellendoorn, The Netherlands</i>	Margaret Eugenia Glommen	<i>Deckerville</i>
				Carol Warwick Shaffer	<i>East Lansing</i>

DEGREE OF MASTER OF ARTS—*Clothing and Textiles*

Rita Janice Adrosko	<i>Linden, N. J.</i>	Nobuko Ishigaki	<i>Mawashi, Okinawa</i>	Barbara Ann Spilker	<i>Minden, Neb.</i>
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DEGREE OF MASTER OF ARTS—*Related Arts*

Vanis Jean Deeter	<i>Greenville, O.</i>
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DEGREE OF MASTER OF SCIENCE—*Foods*

Donna Meiske Poland	<i>Weston, O.</i>
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DEGREE OF MASTER OF SCIENCE—*Textiles*

Harriet Audrey Toan	<i>Perry, N. Y.</i>
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*With Honor
†With High Honor

COLLEGE OF VETERINARY MEDICINE

The candidates will be presented by DEAN CHESTER F. CLARK

DEGREE OF DOCTOR OF VETERINARY MEDICINE

Richard John Allen	<i>Ithaca</i>	*Orlin Herrild	<i>Menominee</i>	†Robert Carl Russell	<i>Kensington, Minn.</i>
John Bonds Anderson, Jr.	<i>Flint</i>	James Van Hruska	<i>Pontiac</i>	Richard R. Sattell	<i>Milwaukee, Wis.</i>
Wayne Eugene Bannink	<i>Grant</i>	Kenneth Shigeru Ishimoto		Edward Charles Schroeder	<i>Royal Oak</i>
Donald Francis Blake	<i>Chippewa Lake</i>		<i>Honolulu, Hawaii</i>	Melvin E. Seeliger	<i>Princeton, Wis.</i>
Oleks Borisenko	<i>Detroit</i>	Asa Elwyn Kelley	<i>Hillsdale</i>	†Robert L. Shelts	<i>Homer</i>
Herbert A. Brinkman	<i>Caro</i>	Robert Eugene Lewis	<i>Mitchell, Ind.</i>	Donald Hugh Shoffstall	<i>Maplewood, N. J.</i>
*Harold Perley Brown, Jr.	<i>Richmond, Vt.</i>	Roger Frederick Luneke	<i>Grand Rapids</i>	*Gerald Wayne Snider	<i>New Paris, Ind.</i>
Harlan R. Bullard	<i>West Lafayette, Ind.</i>	*Alexander M. D. Malcolm	<i>East Lansing</i>	*Paul Howard Snyder	<i>Owosso</i>
Kenneth R. Butcher	<i>Belleville</i>	Samuel Joseph McClearen	<i>Wyandotte</i>	*Arnold David Studer	<i>Whiting, Ind.</i>
James Eugene Calender	<i>Bellevue</i>	†Francis Guy McGrady	<i>Rising Sun, Md.</i>	Joseph Sundell	<i>Royal Oak</i>
Arwyn Keith Carr	<i>Weidman</i>	Albert Dale McKee	<i>East Lansing</i>	*Susan Marquette Thompson	<i>Mt. Clemens</i>
William K. Chambers	<i>Mackinac Island</i>	*John William McKee	<i>Colon</i>	John Newton Trotman	
George Wilbur Dimmick	<i>Constantine</i>	†William Joseph McQuillan	<i>Howell</i>		<i>De Funiak Springs, Fla.</i>
David Philip Ducharme	<i>Iron Mountain</i>	Henry James Meachum	<i>Hartford</i>	*James Louis Turbok	<i>AuGres</i>
John Leslie Durrer	<i>Anderson, Ind.</i>	Jack Arnold Meister	<i>Meriden, Ct.</i>	†William Robert Van Dresser	
Robert Ronald Ewald	<i>Detroit</i>	*Roger Walter Murray	<i>East Lansing</i>		<i>Grosse Pointe</i>
*William Edward Field	<i>Detroit</i>	†Robert Charles Packer	<i>Alto</i>	William A. Van Zytveld	<i>Grand Rapids</i>
Thomas Matthews Ford	<i>Battle Creek</i>	*Peter Allen Prescott	<i>Cleveland, O.</i>	Thomas Edward Vice	<i>Wabash, Ind.</i>
†Thomas Edward Fritz	<i>Detroit</i>	Dayton Louis Prouty, Jr.	<i>Dearborn</i>	William Rogers Voss	<i>Battle Creek</i>
*Robert Freeman Going	<i>Evanston, Ill.</i>	*John Hugh Richardson	<i>East Lansing</i>	Phillip Harry Weston	<i>East Lansing</i>
Donald Raymond Griswold	<i>Fenton</i>	David Lee Roberts	<i>Dearborn</i>	Philip Ray Whirledge	<i>Goshen, Ind.</i>

DEGREE OF BACHELOR OF SCIENCE—*Veterinary Medicine*

*Roy Thomas Bergman	<i>Cassopolis</i>	Robert Randal Filkins	<i>Birmingham</i>	Dallas Wayne Rhoads	<i>Chesterton, Ind.</i>
†James Clifford Blakemore	<i>Flushing</i>	Karl Fischer	<i>Nurnberg, Germany</i>	*Robert Earl Samson	<i>Buchanan</i>
Louis Joseph Blesch, Jr.	<i>Sturgis</i>	James Burton Fox	<i>Kalamazoo</i>	†Robert George Scholtens	<i>Grand Rapids</i>
†Delwin Keith Buckhold	<i>Three Rivers</i>	David O. Frey	<i>Battle Creek</i>	Leonard Benson Singer	<i>Oak Park</i>
Bertrand John Buckhout	<i>DeWitt</i>	Edward Foster Greene	<i>Detroit</i>	Marjorie Ruth Smith	<i>Okemos</i>
Kermit Lee Carlson	<i>Stephenson</i>	Roderick Clarence Hartwick		David Robert Towar	<i>Detroit</i>
Carolyn Sue Cartwright	<i>Fort Wayne, Ind.</i>		<i>Lexington, Ky.</i>	David Scott Wade	<i>East Jordan</i>
*Jacob Casper	<i>Baltimore, Md.</i>	Marvin Carl Kaski	<i>Crystal Falls</i>	John Michael Wagner	<i>Dowagiac</i>
Carl James Christensen		T. Roger King	<i>Sturgis</i>	Ken Arnold Warner	<i>Dearborn</i>
	<i>English Lake, Ind.</i>	John West Kinney	<i>St. Ignace</i>	†Stanley Dean Warner	<i>Argos, Ind.</i>
John Edward Clements	<i>Danville, Ill.</i>	Ralph Williams Levine	<i>Waterville, Me.</i>	Ramon Joseph Weber	<i>Hart</i>
Roger Allan Conant	<i>East LeRoy</i>	†Hilding Lloyd Linderorth	<i>Daggett</i>	Richard Scott Webster	<i>Flint</i>
Henry Brundage Curtis	<i>Birmingham</i>	Richard Gerald Menzel	<i>Wyandotte</i>	*Nelson Priddy Westmoreland	
James Benson Dalley	<i>Wyandotte</i>	John Francis Mesman	<i>East Lansing</i>		<i>Conway, Ark.</i>
William Joseph Davis	<i>Detroit</i>	Glenn Keith Miller	<i>Sandusky</i>	Philip Kern Wolfe	<i>Newton, Mass.</i>
Richard Llewellyn Dorner	<i>Jackson</i>	Kenneth Edward Poole	<i>St. Joseph</i>	William James Wood	<i>Detroit</i>
William J. Fedorko	<i>New York, N. Y.</i>				

DEGREE OF BACHELOR OF SCIENCE—*Medical Technology*

Kerin Schrader Ahlborn	<i>Saginaw</i>	June LaVerne Estola	<i>Ironwood</i>	Patricia Ann Hunt	<i>Montague</i>
*Barbara Ann Beimers	<i>Portland</i>	Gail Evans	<i>Mt. Clemens</i>	*Alice Wynn Jones	<i>East Lansing</i>
*Elizabeth Anne Bier	<i>Silver Spring, Md.</i>	Mary Louise Garrett	<i>Petoskey</i>	Marian Elizabeth Jones	<i>Philadelphia, Pa.</i>
James B. Bilcer	<i>Fort Wayne, Ind.</i>	*Loucetra Eyvonne Gearing	<i>Flint</i>	*Kay Ellen Lansky	<i>Ann Arbor</i>
Suzanne Blanchard	<i>Deckerville</i>	Sally Anne Gerdon	<i>Rutland, Vt.</i>	†Marjorie Anne Leopold	<i>Grand Rapids</i>
Frances Elaine Carstens	<i>Orchard Lake</i>	†Elizabeth May Gessas	<i>Keego Harbor</i>	Barbara Jean Lutz	<i>Rock Island, Ill.</i>
Elaine Marie Hayward Chew	<i>Chicago, Ill.</i>	Marlene Marie Gietzel	<i>Lansing</i>	Lynda Mae McCurdy	<i>Lansing</i>
*Karen Lenore Daenzer	<i>Fremont</i>	Virginia Ann Hill	<i>Scottville</i>	Patricia Janet McLane	<i>Port Huron</i>

*With Honor
†With High Honor

COLLEGE OF VETERINARY MEDICINE (Continued)

DEGREE OF BACHELOR OF SCIENCE — *Medical Technology* (Continued)

Marjorie Ann Mead	<i>Monroe</i>	*Waldina Elliott Smith	<i>Trenton</i>	*Phyllis Marie Webb	<i>Paw Paw</i>
*Judith Carolee Oakes	<i>Lyndonville, N. Y.</i>	†Perianne Julia Stewart	<i>Norway</i>	*Marcelline Kay Willoughby	<i>Owosso</i>
*Katherine Dolph Powell	<i>Williamston</i>	Maron Ellen Stewart	<i>Ionia</i>	Arlene Frances Zilonis	<i>Grand Rapids</i>
Barbara Ann Silvester	<i>Detroit</i>	Shirley Ann Watkins	<i>Hillsdale</i>		

DEGREE OF MASTER OF SCIENCE — *Anatomy*

John Maurice Joldersma *Grand Haven*

DEGREE OF MASTER OF SCIENCE — *Surgery and Medicine*

James Richard Reif *Holt*

*With Honor
†With High Honor

COLLEGE OF SCIENCE AND ARTS

The candidates will be presented by DEAN MILTON E. MUELDER

DEGREE OF BACHELOR OF ARTS—*Fine Arts*

†Wallace Michael Antuck	<i>Battle Creek</i>	John Lewis Frakes	<i>Wayne</i>	Paul Coleman Muller	<i>Trenton</i>
William Edward Arscott	<i>Mesa, Ariz.</i>	Ann Louise Garrington		Charles Stanley Pehote	<i>Livonia</i>
William George Barrow	<i>Dearborn</i>		<i>Cleveland Hts., O.</i>	David James Ross	<i>Fort Wayne, Ind.</i>
Marleigh Ann Brooks	<i>Midland</i>	Richard Lee Graham	<i>Midland</i>	Martha Ann Sandford	<i>Battle Creek</i>
Charlene Ellen Brown	<i>Toledo, O.</i>	†James E. Hayden	<i>VanDyke</i>	Richard Henry Scott	<i>Detroit</i>
Bonnie Olga Brumm	<i>Okemos</i>	Edward Hulyk	<i>Detroit</i>	*Robert Alton Sumpter	<i>Flint</i>
Clark Sparling Butterfield	<i>Detroit</i>	Robert Ewart Ihrig	<i>Lansing</i>	Jeanne Ellen Tenney	<i>DeWitt</i>
Sally Chan	<i>Detroit</i>	Cynthia Ann Jones	<i>St. Johns</i>	Milicent Jean Thomas	<i>Montclair, N. J.</i>
†Charles Lloyd Crane	<i>Jackson</i>	Fred S. Lamb	<i>Cadillac</i>	Constance Anne Volski	
Philip Edgar Crossman	<i>Detroit</i>	Kathleen Stites Lamb	<i>Cadillac</i>		<i>Upper Montclair, N. J.</i>
Elizabeth Eileen Crow	<i>Flint</i>	Robert Wayne Lundberg	<i>Grand Rapids</i>	James Terrence Walsh	<i>Trenton</i>
Diane Lucile Dahlquist	<i>Cadillac</i>	Harry Emerson Martin, Jr.	<i>Bancroft</i>	Cornelia Sally Watkins	<i>Toledo, O.</i>
Jack Peter DeLang	<i>Buffalo, N. Y.</i>	Robert Paul Miller	<i>Ionia</i>	Max Werner Wendel	<i>Detroit</i>
†Jane Elaine Dickert	<i>Winnetka, Ill.</i>	Kennith E. Moody	<i>Nashville, Ark.</i>	D. Bruce Wheeler	<i>Lansing</i>
Robert James Ellison	<i>Lansing</i>	Sharon Ann Muldoon	<i>Detroit</i>	Walter Donald Yoder	<i>Cassopolis</i>

DEGREE OF BACHELOR OF ARTS—*Language and Literature*

Carlton A. Adler	<i>Bergenfield, N. J.</i>	*Jean Marie Kalivoda	<i>East Lansing</i>	†Erma Sue Sarkissian	<i>Fenton</i>
Nancy Ann Bond	<i>Lansing</i>	Karyl Yvonne Kintner	<i>Lacey, Wash.</i>	Peteris Mikelis Silins	<i>Kalamazoo</i>
Cynthia Anne Brigham	<i>Rochester, N. Y.</i>	*June Elaine Lang	<i>Grosse Pointe</i>	Jan Nelson Slagh	<i>Midland</i>
Jeremy Ann Conway	<i>Grosse Pointe</i>	Dennis Lee Massie	<i>Owosso</i>	Diana Kenger Slotnick	<i>East Lansing</i>
Elaine Aimée Fuer	<i>Bound Brook, N. J.</i>	†Helen Anne Mertz	<i>Detroit</i>	*Mary Lynne Stalker	<i>Flint</i>
Joan Elsbeth Goodman	<i>Milwaukee, Wis.</i>	Arthur Maynard Mikesell	<i>Ovid</i>	†Ann Tukey	<i>East Lansing</i>
Toby Mae Goodman	<i>Toledo, O.</i>	John W. Miller	<i>Detroit</i>	Nancy Jane VanHoeven	<i>LaGrange, Ill.</i>
Sandra Hickey	<i>Grosse Pointe</i>	Ingrid Susan Pessl	<i>Greenville</i>	Mary Curtiss Zens	<i>Silver Spring, Md.</i>
†Virginia Ann Houssman	<i>Midland</i>	Helen Rachelle Rumbold	<i>Richmond, Ky.</i>		

DEGREE OF BACHELOR OF ARTS—*Physical Science*

Barbara Ann Bandholtz	<i>Sturgis</i>	Kenneth Alfred Iseler	<i>Harbor Beach</i>	Mary Ann Page	<i>Shelby</i>
†Loren Richard Clifford	<i>Farmington</i>	Anton Jakob Kornerup	<i>Columbia, S. A.</i>	Betty Lou Ridge	<i>Cincinnati, O.</i>
Michael Loeb Gilden	<i>Buffalo, N. Y.</i>	Walter Kwai Hoong Luke		Luther Herman Robinson	<i>Cleveland, O.</i>
Bruce John Green	<i>Plymouth</i>		<i>Honolulu, Hawaii</i>	Gene Arnold VenPelt	<i>Sylvania, O.</i>
James O. Huml	<i>West Branch</i>	James Irwin Munger	<i>Saginaw</i>	Jenny May Wilson	<i>Huntington Woods</i>

DEGREE OF BACHELOR OF ARTS—*Social Science*

Harold Bradford Aarons	<i>Detroit</i>	Emily Manning Brown	<i>Flint</i>	†Mary Ann Daugherty	<i>Lansing</i>
Harley James Adair	<i>Munising</i>	Arlene Lorraine Buck	<i>Detroit</i>	Jon Charles Davis	<i>Mason</i>
Rachel Jennings Anderson		Barbara Ann Buskirk	<i>Kalamazoo</i>	*Darlene Frances DeHoog	
	<i>Frenchtown, N. J.</i>	Jon Ellis Clarke	<i>Birmingham</i>		<i>Muskegon Heights</i>
Marilyn Ann Arnold	<i>Port Huron</i>	†John Edward Clifford	<i>Wellston</i>	Gail Myra DePodesta	<i>Farmington</i>
Gail Kathryn Baker	<i>Howell</i>	Sherry Lynn Connell	<i>Detroit</i>	Patricia DuVal Dietrich	<i>Scranton, Pa.</i>
Thomas Carry Beatty	<i>Saginaw</i>	William Allen Cozens, Jr.		James Richard Dove	<i>Jackson</i>
William Kendrick Becker	<i>Kalamazoo</i>		<i>Swedesboro, N. J.</i>	Frederic George Dutton	<i>Ann Arbor</i>
*James Sidney Berger	<i>Detroit</i>	*Ann Randolph Cunyngnam		Robert Allen Ebersol	<i>Lansing</i>
Carol Janice Boehm	<i>Copemish</i>		<i>Highland Park, Ill.</i>	James Thomas Embury	<i>Jackson</i>
Michael Angelo Bosco, Jr.	<i>Detroit</i>	Charles B. Curlee	<i>Dearborn</i>	Howard George Erler	<i>Elmhurst, Ill.</i>
Marcele Joanne Brewer	<i>Parma</i>	John Paul Dahlen	<i>Rockford, Ill.</i>	William L. Ervin	<i>Owosso</i>
Beverly Martha Brian	<i>Birmingham</i>	†Mary Louise Darling	<i>Grand Rapids</i>	Victor Edwards Esch	<i>Lansing</i>

*With Honor

†With High Honor

COLLEGE OF SCIENCE AND ARTS (Continued)

DEGREE OF BACHELOR OF ARTS—*Social Science* (Continued)

Milton Fein	New York, N. Y.	Robert Terryl Mast	Grosse Pte. Farms	Louis Phillip Sheldon	Washington, D.C.
Robert Todd Fell	Galesburg, Ill.	Figes Mary Matheson	Dearborn	Frederick Osborn Sill	Jackson
Hugh S. Fitch	Adrian	*William Derr Matheson	Bloomfield Hills	Jack Simon	Pontiac
David Joseph Fleck	Lansing	James Albert Matteson	Brighton	Clare D. Smith	Mason
Dennis Norton Frey	Buffalo, N. Y.	†Shirley Ann Mayer	Flint	Jack Daniel Smith	Owosso
Warren Guthrie Fulks	Detroit	Donald Dean McCallum	Port Huron	Nicholas Hart Smith	Addison
Thomas Dirk Gaastra	Grand Rapids	Marilyn Jean McCandless	Grosse Pointe	*Harold Charles Smullen II	Dearborn
Robert Charles Gasser	Birmingham	Patricia June McCurdy	Detroit	Kenneth Eugene Somerlot	Owosso
*John James Gawronski	Dunkirk, N. Y.	Jon Bernard McNeil	Lansing	Tom Stacey	Lansing
James Philip Giesey	Detroit	Bernadine McRipley	Lansing	William Erle Stevenson	Detroit
*Benjamin Wolf Goldberg	Kings Park, L. I., N. Y.	Sanford LaMartine Mead, Jr.	Traverse City	Lynda Sulko	Kingston, N. Y.
Larry Fred Gotts	Northville	*Richard Lester Miller	Buchanan	Marcella Helen Tallarico	Lansing
Bill J. Green	Adrian	Harold Norton Murphy	Newton, Mass.	Aurelia Anne Tatar	Lathrup Village
Edward Morris Green	Lansing	Gordon Alexander Mutch	Birmingham	*Ronald Clyde Teuber	Flint
James Harlen Green	Owosso	*Sarah Forbes Nichols	East Grand Rapids	Donald William Tharp	Grand Rapids
Nick Green, Jr.	Hamtramck	*Donald John Old	Detroit	George Anthony Thias	Holland
*Richard C. Guenther	Buffalo, N. Y.	Frank Brennan Parrish	Indianapolis, Ind.	Roger Bernard Thompson	Allegan
*Cynthia Chapman Hamm	Pontiac	Rodney Lamarr Petersen	Ceresco	Jerold Edward Timpson	Lowell
Charles Murray Harper	Manistee	Richard Phillips	Jackson	Joanne Marjorie Tosch	Port Huron
Jeannine Henry	Pittsburgh, Pa.	Harold Gordon Porter, Jr.	Lansing	*John Charles Toth	Lansing
Robert A. Hess	Detroit	Fred Henley Porterfield III	Saginaw	Yale Maurice Udoff	Huntington, W. Va.
†Suzanne Holden	Brighton	*Harry Edward Powell	Lansing	Robert Allen Urban	Detroit
Boris Khoutleff	New York, N. Y.	†Frederic Earle Price	Hartford	Roger Frederick Wardle	Detroit
Georgiana Oakley Hudson	Kenilworth, Ill.	*Margaret Hazlett Pugh	Flint	Donald Charles Warren	Owosso
Arnold M. Jacobs	Detroit	Paul George Reinke	Detroit	C. Richard Webb	Grand Rapids
†Mary Anne Myers Jerome	Louisville, Ky.	John Gavin Ritchie	Battle Creek	Harry Porter Webb	Lansing
John Alvin Jevitt	Birmingham	Meta Isabel Resnik	Patchogue, N. Y.	†Barbara Anne Wessinger	Howell
Robert Mann Johnson	Detroit	James Walter Reynolds	Detroit	Jerry Stafford Whitney	Lansing
Thomas Michael Karagas	Detroit	Richard West Rigdon	Grand Rapids	†Raymond Edward Wilder	Muskegon
Russell Neil Luplow	Saginaw	Sandra Joy Sapiro	Geneva, Ill.	James Vernon Wiles	Pontiac
Bernice Lizabeth Macko	Grand Haven	Edmund Robert Saums	North Muskegon	†Barbara Jill Williams	St. Clair Shores
*Frederick Nicholas Mangol	Detroit	Carolyn Miller Schlegel	Northville	Fay Williams	Highland Park
Joseph William Mariage	Rapid City	*Elizabeth Mary Schneider	Corning, N. Y.	*Patrick James Wilson	Lapeer
John David Mason	Lathrup Village	David Joel Seigle	Detroit	Nelson David Wing	Saginaw
		George Bernard Seafort	Eaton Rapids	Clyde Angelo Young, Jr.	Florence, Ala.
				*Gloria Helen Zabrodsky	Lansing

DEGREE OF BACHELOR OF ARTS—*Fine Arts*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Margaret Marie Bielawski	Detroit	*Barbara Browning Jones	Lakewood, O.	Baiba Beatrice Roys	Grand Rapids
Helen McCormic Borden	Battle Creek	*Jeanette Marian Kostamo	Ironwood	Patricia Ruth Scarlett	Montague
Richard David Cross	Lansing	*Edwin Marion Koziol	Scottville	*Louise Ann Schultz	Detroit
Rhea Ann Davis	Wyandotte	Marilyn Phyllis Krueger	Ferndale	Patricia May Tavenner	Lansing
Carol Lynne Evers	Birmingham	Marie Malvina Nethaway	Elsie	Rita Gene Walther	Chicago, Ill.
A. Annette Griffith	Lansing	Raymond Charles Osborne	Grosse Pointe Woods	Nancy Elaine Wickham	Birmingham
*Lois Jane Harris	Detroit	*Joan Elizabeth Otis	Jackson	Carroll E. Wiley	Bloomington, Ind.
*Sheila Mae Johnston	Dearborn			Marvin Ruben Zehnder	Frankenmuth

DEGREE OF BACHELOR OF ARTS—*Language and Literature*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Donna Rae Anderson	Norway	Shirley Ann Ebel	Hillsdale	Lorraine Lydia Lange	Detroit
Edward Sandborn Banfield, Jr.	Eaton Rapids	Faye Janet Fitzgerald	Chicago, Ill.	Jacqueline Ruth Lenk	Marysville
*Gladys Armstrong Bergin	Lowell	Marcia Elizabeth Foley	Menominee	Jean Marie Manley	Wakefield
Dorothy Elisabeth Bersey	Detroit	Theodora Garyet	Pontiac	Joanne Helen Nesman	Springport
Judith Lane Bumstead	Bay City	Gaynell Ann Gilbert	Greenville	Manya Jo Pleva	Hammond, Ind.
Mary Anne Carew	Okemos	Sharon Gail Hamp	Alma	†Arlene Marie Rathbun	Fowlerville
†Constance Ann Rosenberger Carr	Breckenridge	Howard Glenn Hardesty	Ferndale	Suzanne Elizabeth Rees	Northbrook, Ill.
Gail I. Conolly	Rochester, N. Y.	Carol Elizabeth Hauch	Adrian	William Earl Reidsema	Davison
Margaret Elaine Dickie	Owosso	Helen Elizabeth Hemingway	Lake Orion	†Linda Lee Taylor	Lansing
Cynthia Drew	East Lansing	Janice Ann Huddle	Pleasant Ridge	Ardis Lu Wait	Sandusky
		Barbara Ann Hudson	Detroit		
		*Lynn Ruth Johnson	Chicago, Ill.		

*With Honor
†With High Honor

COLLEGE OF SCIENCE AND ARTS (Continued)

DEGREE OF BACHELOR OF ARTS—*Social Science* RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Jerauld Lee Adams	<i>Niagara Falls, N. Y.</i>	Dorrine Marie Harma	<i>Detroit</i>	Paul John Moritz	<i>Boynton Beach, Fla.</i>
Susan Mary Anderson	<i>Grand Rapids</i>	Barbara Joan Hasian	<i>Davison</i>	Dale Lewis Mount	<i>Greenville</i>
Robert Allen Batts	<i>Grand Rapids</i>	Cecelie Rochelle Hohtschaw		Eugene Phillip Muscoe	<i>Royal Oak</i>
Lavern Raymond Chilcote	<i>Cadillac</i>		<i>New Baltimore</i>	Mary Elizabeth Nelligan	<i>Lansing</i>
Ira Ernest Clark	<i>Colon</i>	Maskell Ware Hunt	<i>Mt. Carmel, Ct.</i>	Margaret Lucy Paetz	<i>Saginaw</i>
Thomas Davidson Cline	<i>Angola, Ind.</i>	Richard Leo Huttonen	<i>Brimley</i>	Sandra Pearse	<i>Clark Lake</i>
Marilyn Ann Colvin	<i>Allegan</i>	Donald Eugene Ireland	<i>East Lansing</i>	Lucy Ann Phillips	<i>Jackson</i>
William Graydon Coune	<i>Ferndale</i>	*Mary Louise Irwin	<i>Grand Rapids</i>	Charles Franklin Porter	<i>Lansing</i>
Richard Henry Crampton	<i>Manistee</i>	George Leo Jacobs	<i>Tonawanda, N. Y.</i>	Leonard Duane Rosa	<i>Owosso</i>
Susan Ann Draper	<i>Detroit</i>	Robert Carl Johnson	<i>Foster City</i>	Ross Michael Skinner	<i>Madison Hgts.</i>
Charles James Dudley, Jr.	<i>Plymouth</i>	George Louis Kallos	<i>Owosso</i>	Eliot Jay Stern	<i>Detroit</i>
Harry Albert Ellico	<i>Bay City</i>	Mary Jane Kohn	<i>Ortonville</i>	Nancy Slisher Susla	<i>Bronson</i>
*Karl Henry Flessner	<i>Eaton Rapids</i>	*Joel John Lowery	<i>Lansing</i>	Lynwood Erwin Teller	<i>Romeo</i>
Stuart E. Giles	<i>East Lansing</i>	Richard Fauri Lynch	<i>Bad Axe</i>	Robert Edward Vackaro	<i>Pontiac</i>
James William Grieve	<i>Muskegon</i>	William Thomas Marsden	<i>Grosse Pointe</i>	Daniel Don Webb	<i>Port Huron</i>
Rose Marie Guza	<i>Flint</i>	Johanna Mae Mudd	<i>Saginaw</i>	Philip Albert White	<i>Mt. Morris</i>

DEGREE OF BACHELOR OF SCIENCE—*Biological Science*

†Bradley Thompson Barnes	<i>Royal Oak</i>	Martin Alan Gruber	<i>Hempstead, N. Y.</i>	Edwin Floyd Robinson	<i>River Rouge</i>
†George Richard Best	<i>Battle Creek</i>	Janis Arlene Gumpel	<i>Chicago, Ill.</i>	Edwin Rogers	<i>Jackson</i>
Donald Francis Blake	<i>Mt. Vernon, N. Y.</i>	Ernest Kurt Hempel		*Donald Edward Ruesink	<i>Adrian</i>
John Gary Brady	<i>Trenton</i>		<i>Yorktown Heights, N. Y.</i>	Ronald Lee Schlegel	<i>DeWitt</i>
*Clarence Dean Buckner	<i>Wyandotte</i>	Arthur Jack Heydenburg, Jr.	<i>Grandville</i>	Marvin Ray Schram	<i>Gladstone</i>
Betty Louise Carpenter	<i>Roscommon</i>	Mary Jane Jakeway	<i>Detroit</i>	Walter Alan Sisler	<i>Mt. Carroll, Ill.</i>
Walter Lee Carter	<i>Portsmouth, O.</i>	Harold John Kent	<i>Flushing</i>	*Michael David Smalkin	<i>Baltimore, Md.</i>
*Thelma Anne Chute	<i>Bay City</i>	Gerald Charles Kettunen	<i>Ishpeming</i>	Robert Bruce Spangenberg	
Raymond Sykes Corwin	<i>Dearborn</i>	Richard Louis Kroeneke	<i>Delton</i>		<i>Pittsburgh, Pa.</i>
†Richard Davenport	<i>Battle Creek</i>	Lynwood Roy Lamb	<i>Rogers City</i>	*Gordon Clayton Spink	<i>Lansing</i>
*Richard Paul Dorr	<i>Hemlock</i>	*Ernst Alexander Lucas	<i>East Lansing</i>	George Stepanovic	<i>Lincoln Park</i>
Robert Alan Doyle	<i>Ft. Lauderdale, Fla.</i>	Gerald Francis Luczak	<i>Bay City</i>	*Willis Hill Stephens, Jr.	<i>Birmingham</i>
George Howard Ferguson		Richard William Lutey	<i>Ironwood</i>	Dale Howard Stone	<i>Detroit</i>
	<i>North Providence, R. I.</i>	John William Mehling, Jr.	<i>Lansing</i>	Frank Taylor	<i>Brooklyn, N. Y.</i>
†Morton S. Fuchs	<i>Queens, N. Y. C., N. Y.</i>	Richard Lewis Momparker		Ann Herrick Waterman	<i>Lake Leelanau</i>
*Martha Bird Garrett	<i>Roscommon</i>		<i>Wallingford, Ct.</i>	Lloyd Harris Willson	<i>Bronxville, N. Y.</i>
Dale John Gierthy	<i>Royal Oak</i>	Harry Donald Niemczyk	<i>Hopkins</i>	†Charles Leo Wischman	<i>Franklin</i>
Kenneth James Gift	<i>Marlette</i>	†James Louis Philip	<i>Worcester, Mass.</i>	Charles Hua-Chang Wong	<i>Honolulu, Hawaii</i>
Earl Francis Gonyaw	<i>Algonac</i>	Beatrice M. Robin	<i>East Lansing</i>	*Nancy Kay Woodman	<i>Birmingham</i>
Clifford L. Graff	<i>Hesperia</i>	William Marvin Rees	<i>Toledo, O.</i>		

DEGREE OF BACHELOR OF SCIENCE—*Nursing Education*

Betty Ann Baties	<i>Dearborn</i>	*Julie Virginia Klyce	<i>Jackson</i>	Janice Hoekman Satow	<i>Pontiac</i>
*Ann Lynette Crosby	<i>Haslett</i>	*Mary Ann Patricia Krammin	<i>Fennville</i>	†Mary Ellen Smith	<i>Pinconning</i>
†Dixie Lee Davis	<i>Lansing</i>	Gail Lee Minnock	<i>Owosso</i>	Patricia Anne Spencer	
Carolyn Mary Fortman	<i>Lansing</i>	Dorothy Marie Mulkey	<i>Eaton Rapids</i>		<i>Western Springs, Ill.</i>
*Jeanette Edith Foy	<i>DeWitt</i>	Suzanne Marie Pearsall	<i>Mason</i>	Ruth Ellen Steele	<i>Battle Creek</i>
*Sandra Suzanne Gidner	<i>Charlotte</i>	Joyce Lorraine Randall	<i>Lansing</i>	Sally Jean Stevens	<i>Kalamazoo</i>
Carole Lee Kepner	<i>Wheaton, Ill.</i>	*Diane Kay Rochester	<i>Midland</i>	Harriett Jean Vossen	<i>Grand Rapids</i>
†Geraldine Alice King	<i>Grand Haven</i>	Cynthia Ann Roe	<i>Parma</i>	Heather Webb	<i>East Lansing</i>

DEGREE OF BACHELOR OF SCIENCE—*Physical Science*

Keith Wilson Alexander	<i>Holland</i>	Mearl Michael Czuhai	<i>Grand Rapids</i>	Laurence French Holbrook	<i>Grand Rapids</i>
Walter Robert Ambrose	<i>Emmett</i>	Charles Leonard Denton	<i>Saginaw</i>	Keith Carvell Hover	<i>East Lansing</i>
*Richard Thayer Beistle	<i>Buchanan</i>	Thomas Edward Dergazarian	<i>Detroit</i>	Jackie Lee Jacoby	<i>Battle Creek</i>
Donald Paul Bertsch	<i>Sandusky, O.</i>	Darrel Kempton Dorman	<i>Elsie</i>	John Samuel Klasner	<i>Saginaw</i>
†Saro-Jo Kleinheksel Bolte	<i>East Lansing</i>	Donald Lee Ealy	<i>Traverse City</i>	William Sibley Lawson	<i>Dayton, O.</i>
*Stuart William Bradford	<i>Sparta</i>	Clarke Wayne Ewing	<i>Bath</i>	Carole Ann Lublow	<i>Constantine</i>
Neil John Bullerman	<i>Muskegon</i>	†Robert Joseph Fox	<i>Holt</i>	John Henry McCollough I	<i>Saginaw</i>
John Donald Burchell	<i>Alberta, Canada</i>	Dexter Dee Gilbert	<i>Olivet</i>	*James Alfred McConaghy	<i>East Lansing</i>
Sam Arlet Bush	<i>Pontiac</i>	John James Green	<i>St. Clair Shores</i>	Jack Norman Merker	<i>Birmingham</i>
Thomas Alvin Case, Jr.	<i>Palms</i>	Robert Leonard Hajicek	<i>Holland</i>	*Victor Eugene Meyer	<i>St. Louis</i>
Robert Thompson Cottrill	<i>Baldwin</i>	John Locke Hanson	<i>Big Rapids</i>	Harlo M. Mork	<i>Trenton</i>

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COLLEGE OF SCIENCE AND ARTS (Continued)

DEGREE OF BACHELOR OF SCIENCE—*Physical Science* (Continued)

*Herman Louis Muller	Lansing	*David Henry Schumacher	Kalispell, Mont.	Robert Alan Vehrs	Detroit
James Thomas Neal	Farmington	William Campbell Sinclair	Ann Arbor	Forest Hill Wainscott II	Detroit
Samuel Franklin Needham	Rockford, Ill.	Donald Lawrence Smith	Benton Harbor	Ronald LaVern Wever	Grand Rapids
Thomas W. Phillips	Mt. Pleasant	Gerald Edward Smith	Williamston	Clinton George Weihl	Coleman
†Gail Rita Plourde	Norway	†Sophia Starche	Lake George, N. Y.	*Ritchie Antone Wessling	Haslett
Thomas Edward Pollard, Jr.	Ovid	Hargita Bertha Stephens	Detroit	Floyd Edward Weymouth	Charlotte
George William Prieskorn	Brighton	James David Swank	Eaton Rapids	Milton James Williams	Freeland
Roy Fred Quanstrom	Gary, Ind.	*Andrew Winton Swingle	Lansdowne, Pa.	†John Witt, Jr.	Muskegon
John Henry Samalik	Bay City	*Peter Robert Taylor	Harrison, N. Y.	†James Edwin Wray	Grand Haven
Armen Souren Sahakian	Teheran, Iran	*Gordon Stanley Utter	Monroe	Vaughn Everett Young	Williamston
Hoyt Eli Salisbury	Lansing	†Daniel Duane Vander Werf	Grand Rapids		
Harold James Sarver	LeRoy				

DEGREE OF BACHELOR OF SCIENCE—*Biological Science*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

William Henry Anderson	Escanaba	Merrill Edgar Frownfelter	Holly	Nancy Joyce Park	Detroit
Jay Donald Bates	Crystal Falls	Donald Peter Grenda	Ironwood	Barbara Gwynn Schimke	
Willis Robert Bloxson	Plymouth	*David LZ Hager	Grand Rapids		Huntington, W. Va.
Mary Biebesheimer Brocke	Wayne	*Jack Russell Hoffert	Grand Rapids	†Shirley Ann Tousch	Flint
Robert Edward Brown	Westhampton, N. Y.	George Adelbert Mallek	Merrill	Sandra Jo Wolfinger	Jackson
		Marilynn Snyder Maynard	Grosse Pointe		

DEGREE OF BACHELOR OF SCIENCE—*Physical Science*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Edwin E. Balasz	Bessemer	Robert William Lloyd Jones	Clawson	*Patrick Michael Miller	Maple City
*Burton Lynn Blanchard	Lapeer	Evelyn Steger Lundberg	Dayton, O.	Merton Charles Schuler	Elk Rapids
Charles D. Dinger	Grand Ledge	Thomas William MacClure	East Lansing	Rolland Leroy Williams	Niles
Jerry Dean Helmer	Coldwater	*William Chester Mansfield	Madison, Wis.		
Stanley Raymond Jaroske	Bay City	*Janet Mary Manz	Lansing		

DEGREE OF BACHELOR OF MUSIC—*Applied Music*

Josephine Ann Iannelli Benton Harbor

DEGREE OF BACHELOR OF MUSIC—*Music*

Robert Paul Roubos Battle Creek

DEGREE OF BACHELOR OF MUSIC—*School Music*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Nancy Alice Bailey	Salem, O.	*Eugene Roy Hanson	Detroit	Albert Leroy Schaberg	Lansing
*Byron Lloyd Blackmore	Flushing	Charlotte Anne Kinast		*Krinne Patricia Smazel	Grand Ledge
*Jane Eloise Bonner	Toledo, O.		New Holstein, Wis.	*Oscar Edward Sundstedt	Flint
*Alice Jeanne Daoust	East Lansing	Sarah Ruth Lowry	Midland	Richard Leroy Wade	Lansing
*Joyce Adams Esch	Angola, Ind.	Beverly June Merrill	Glenview, Ill.	†Eleanor Kay Williams	St. Joseph
*Lowell Charles Everson	Midland	*Elida Marie Reinke	Bay City		
†Mildred Evaline Grivas	Grosse Pointe	*Mary Janet Savage	Caro		

DEGREE OF MASTER OF ARTS—*Fine Arts*

Mina Mabel Forsyth	Carnduff, Canada	Jack Ford Schoof	Bellaire	Jeannette Mary White	Williamston
Betty Jo McGlone	East Lansing	Earl Pearson Smith	Royal Oak		

DEGREE OF MASTER OF ARTS—*Language and Literature*

Donald LaVerne Beatty	Flushing	James Stephen Mehoke	Detroit	Carmen Judith Soderlund	Aguadilla, Puerto Rico
Duane Kenneth DeVries	Kalamazoo				

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COLLEGE OF SCIENCE AND ARTS (Continued)

DEGREE OF MASTER OF ARTS — *Mathematical and Physical Sciences*

Norman Kenneth Robbins *Iron Mountain*

DEGREE OF MASTER OF ARTS — *Social Sciences*

Alex Ackerman	<i>New York, N. Y.</i>	Reynold Richardson Jeltema	<i>Grand Rapids</i>	Myron Everett Ranney	
Richard Joseph Bonier	<i>Watertown, Mass.</i>	Robert Murray Jones	<i>Lansing</i>		<i>Grosse Pointe Farms</i>
Richard John Brennan	<i>Lansing</i>	Carl Lee Keen	<i>Lansing</i>	Warren Louis Sauer	<i>Detroit</i>
John Rufus Clingerman	<i>Lansing</i>	Cynthia Gebauer Kelley	<i>Lansing</i>	Patricia Welnick Smith	<i>Phoenix, Ariz.</i>
Donald Lewis Conrad	<i>Lansing</i>	John Joseph Laffey	<i>Brighton, Mass.</i>	Robert Lincoln Sterling	<i>Chicago, Ill.</i>
Edwin Smith Earl	<i>East Lansing</i>	Joann Stiles Maryo	<i>Bridgeport, Ct.</i>	Truman Russell Strobridge	
Geraldo Markan Ferreira Gomes	<i>Rio de Janeiro, Brazil</i>	Alexander John Muntean	<i>Niles, O.</i>		<i>Sault Ste. Marie</i>
		Alfred Oram	<i>Forty Fort, Pa.</i>	Theodore S. Swanson	<i>Hendersonville, N. C.</i>
Donald Lyle Halsted	<i>Lyons</i>	Gilbert Henry Paczewitz	<i>Wyandotte</i>	Clarence Murray Williams	<i>Lansing</i>
Lloyd Daniel Hays	<i>Flint</i>	Raymond Edward Pressick	<i>Arnold, Pa.</i>		

DEGREE OF MASTER OF SCIENCE — *Biological Sciences*

William Holliday Armstrong	<i>Parkersburg, W. Va.</i>	Ronald W. Hodges	<i>Lansing</i>	Samuel Ray, Jr.	<i>Flint</i>
Albertus Dirk Bratt	<i>Grand Rapids</i>	Wen-Tah Hsu	<i>Taipei, Formosa</i>	Donald Lewis Robach	<i>Grand Rapids</i>
Chong Won Chang	<i>Seoul, Korea</i>	Bernard Klamer	<i>Hudsonville</i>	Edward K. Robbins	<i>Frankfort, Ind.</i>
John Holmes Dearborn	<i>East Boothbay, Me.</i>	Raymond Walter Lang	<i>Syracuse, N. Y.</i>	Methodius Stephen Sefcovic	<i>Flushing</i>
Leslie Clinton Drew	<i>East Lansing</i>	Robert Elwood Lawrence	<i>East Lansing</i>	Henry Laughton Short	<i>Shortsville, N. Y.</i>
David Thomas Duncan	<i>Mears</i>	Kaare Julian Lindqvist	<i>Stjoerdal, Norway</i>	Craig Lee Squires	<i>Sparta</i>
Arnold Warren Fritz	<i>Spring Arbor</i>	Eugenio Salazar Martinez		Harry Kenneth Stevens	<i>Detroit</i>
William Thomas Gillis, Jr.			<i>Mexico City, Mexico</i>	Bernard Franklin Taylor	
	<i>Perth Amboy, N. J.</i>	John Edward Mercer	<i>Highland Park</i>		<i>Charles Town, W. Va.</i>
		Gabriele Naemi Muhling	<i>Farmington</i>	Herbert Stanley Wright	<i>Royal Oak</i>

DEGREE OF MASTER OF SCIENCE — *Mathematical and Physical Sciences*

John Duncan Arrison	<i>Grand Rapids</i>	Donald Larry Goodrich	<i>Jackson</i>	Arthur John Pastor	<i>Bay City</i>
Milo Arthur Bernardon	<i>Jackson</i>	Kenneth Ora Groves	<i>Ferndale</i>	Vernon Charles Rawls, Jr.	<i>Arlington, Va.</i>
Bow Yen Fu	<i>Taiwan, China</i>	Rudolph Karl Hogberg	<i>Ironwood</i>	Roy Meneley Ross, Jr.	<i>Mattoon, Ill.</i>
Howard Milton Covington	<i>Flint</i>	Gordon Lee Jendrasiak	<i>Grand Rapids</i>	Earl Albert Schmidt	<i>Flint</i>
Edward Bailey Crichton	<i>Paget, Bermuda</i>	Jack Eldon Klingbeil	<i>Naperville, Ill.</i>	Robert Mersbach Steder	<i>Grand Haven</i>
David Lewis Egleston	<i>Lansing</i>	Kei Han Lee	<i>Seoul, Korea</i>	Virgil Arl Trent	<i>Detroit</i>
Lawrence LaRoy Fleck	<i>Scotts</i>	William Wright Lester	<i>Carleton</i>	Walter Wysoczanski	<i>Philadelphia, Pa.</i>
Fred Edmund Freiheit	<i>Charlotte</i>	Charles Alan McKee	<i>Steubenville, O.</i>	W. Bruce Zimmerman	<i>East Lansing</i>
Alton Vincent Gallagher	<i>Jackson</i>	Hugh Thomas Mitten	<i>Pleasant Ridge</i>		
Donald Carey Gause	<i>Elkhart, Ind.</i>	Frederick Miller Mong	<i>Franklin, Pa.</i>		

DEGREE OF MASTER OF MUSIC — *Music*

Eldon William Balko	<i>Almena, Wis.</i>	LeRoy Simon Clemens	<i>Grand Rapids</i>	Anthony John Romans	<i>St. Clair, Pa.</i>
Barbara Bechtold	<i>Libertyville, Ill.</i>	Gerald Eugene Irish	<i>Greenville</i>	Marilyn Grace Slear	<i>Highland Park</i>

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COLLEGE OF BUSINESS AND PUBLIC SERVICE

The candidates will be presented by DEAN HERMAN J. WYNGARDEN

DEGREE OF BACHELOR OF ARTS — Accounting

Robert John Ahrens	Grass Lake	Rodney Earl Hunsberger	Grand Rapids	John Christopher Redman	Detroit
Thomas Herman Almas	Columbiaville	*Gordon James Kearney	Oxford	Paul Edward Roney	Okemos
*Charles Richard Barney	Battle Creek	Fred Eugene Keith	Eaton Rapids	Francis John Roost	Lansing
†Charles Morris Bloom	Grand Rapids	James Martin Kernosky	Grayling	Jack Peter Schmidt	Lansing
Hugh Vincent Bogart	Caseville	James Benjamin Kosar	Traverse City	James Joseph Schmitt	Boston, N. Y.
Donald Richard Bols	Ferndale	Lawrence John Kujawa	Grand Rapids	Curtis William Simmons	Battle Creek
James Willis Brackenbury	Rogers City	*Charles Palmer Lamb	Grosse Pointe	*Sheldon Evard Smith	Oscoda
Eugene Allen Brancheau	Monroe	Charles Frederick Lambert	Ypsilanti	G. Morton Sprentall	Pontiac
*Clifford James Clemens	DesPlaines, Ill.	Edward Lozicki	Grand Rapids	Robert Ernest Stevens	Bogota, N. J.
†Russell Bernard Clifton	Buchanan	Joseph Anton Machiorlatti	Detroit	Eugene William Stradley	Palm Beach, Fla.
Harold Wayne Collamer	Royal Oak	Donald John McCarty	Grosse Pointe	*Raymond G. Surbeck	Perry
Max Alan Coon	Sunfield	Kenneth Russell McDaid	Lansing	*Alan Gerard Toxopeus	Muskegon
†Eugene Charles Crane	Blissfield	Clinton Glen McDonald	Montgomery	Frederick J. Trippel	Ferndale
*Catherine Irene Dale	Lansing	Charles Sidney McDowell	Lansing	†Janice Ruth Van Der Jagt	East Lansing
*Walter R. Damskey	Muskegon	Paul Albert McKay	Detroit	Lawrence A. Vigdor	Scranton, Pa.
William Ernest Dean	Muskegon Heights	Ronald Allen MeiLahn	Maywood, Ill.	Howard Waters, Jr.	Battle Creek
William John Dempsey	Battle Creek	Joseph Michael Mukalla	Detroit	*Dale Kent Wells	Three Rivers
Thomas Lyons Docherty	Ontario, Canada	Arold Thomas Murphy	Marinette, Wis.	Roger Earl Wilkinson	Lansing
Larry Allen Edwards	Dearborn	Michael Patrick Murphy	Linden	David Keith Willson	Olivet
Earl Ervin Felske	Saginaw	William Lester Nelson	Bainbridge, Ga.	*Thomas Joseph Wines	Detroit
†David Lloyd Flory	Lansing	John Carlton Oatman	Toledo, O.	*Richard McClellan Wright	Fowler
David Wilson Foy	Jackson	Michael Edward Ouwwerkerk	Lansing	Robert George Yoas	Newport
Daniel G. Garver	Mason	*Tony P. Ozanich	Franklin Mine	Marcia Ann Young	Cleveland, O.
John Charles Gehan	Coopersville	*Ronald James Pataconi	Gaastra	Lyle Henry Zimmerman	Lansing
Robert Larry Gerbel	St. Joseph	Marilyn Elaine Pearce	Grosse Pointe		
*Stanley Wendell Gustafson	Lansing	*Theodore C. Piotrowicz	Lansing		
*Laura M. Hamill	Lansing	James Wesley Pratt	Detroit		

DEGREE OF BACHELOR OF ARTS — Economics

Durwood Clark Allen	Royal Oak	Everett M. Christensen, Jr.	New Ulm, Minn.	Robert Henry George	Detroit
*Roger Daniel Augustine	Batavia, N. Y.	Earl Roy Christian	Flint	Gary Lee Glick	Lansing
William Wesley Barnett	Dearborn	Robert Gerald Clark	Lowell	Barrett Glenn Gourdie	Flint
Ronald Bruce Barnett	Detroit	John Henry Coleman, Jr.	Wilkinsburg, Pa.	Elden Grant Haggerty	Detroit
Ned Stevenson Barden	Birmingham	Gary John Damveld	Holland	Thomas Warren Hamm	Kalamazoo
David Raymond Bellis, Jr.	Hopewell, N. J.	Max L. Densmore	Elwell	Roger Lowell Hanna	Adrian
Richard Dale Bergesen	Birmingham	Richard Roy Deskin	Birmingham	William James Hayes	Detroit
Leonard Jay Birbrower	Bronx, N. Y.	Gary Walter Dietrich	East Lansing	Frederick Albert Healy	Flint
Terrence James Block	Grand Rapids	Richard Burgess Doane	Lansing	Peter William Hermann	Chicago
Melvin Lewis Bloomfield	Brooklyn, N. Y.	Robert Edson Dodd, Jr.	Sault Ste. Marie	James Gail Holcomb	Detroit
Dennis Lee Blue	Grosse Ile	L. Edward Doherty	Detroit	Wendell Howard Hughes, Jr.	Buffalo, N. Y.
John Miller Bonbright, Jr.	Winter Park, Fla.	John Francis Doyle	Trenton	Robert Glenn Hummon	Detroit
John Clair Booth	East Lansing	Arnold Edward Dreher	Dearborn	Jane Ann Irwin	Roachdale, Ind.
Thomas N. Boyer	Royal Oak	Edwin Joseph Duda	Bangor	Edward James Jackoboice	Grand Rapids
James Brownstein	Detroit	Robert Thomas Dulmage	Dearborn	Curtis Phillip Jackson	Lamont
James Harold Buck	Detroit	Herbert Harry Escott	Vermontville	Ronald Orville Jacobs	Port Huron
James Erwin Burtch	Grayling	David Ellis Faulkner	Coloma	David Bennett Jaroske	Bay City
James Cassius Butterfield	Jackson	Harry Thomas Fisher	Dearborn	Roger Alden Jennings	Detroit
Leon Ellsworth Button	Lansing	†Robert William Fisher	Hamtramck	*Eric J. Johnson	Marysville
*Loren H. Cantrell	Midland	Robert Earle Fleming	Ferndale	Gerald William Judd	Tecumseh
Norma Lynn Carlton	Ann Arbor	*Elizabeth Jane Freeman	Winchester	Sheldon F. Keenan	Detroit
*Albert Clinton Chapman	Lansing	William Chauncey Fruin	Battle Creek	Robert E. Kehl	St. Louis
				*William Seaman Kersul	Port Huron

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COLLEGE OF BUSINESS AND PUBLIC SERVICE (Continued)

DEGREE OF BACHELOR OF ARTS—*Economics* (Continued)

Ray C. King	<i>Grand Rapids</i>	Robert Edward Platt	<i>Oelwein, Ia.</i>	Lanway Kearney Smith	<i>Glenview, Ill.</i>
John William Kiptyk	<i>Dearborn</i>	Anthony Robert Poggi	<i>Grand Rapids</i>	Donald Lee Sperry	<i>Peoria, Ill.</i>
*Frank James Kropschot	<i>East Lansing</i>	Karen Suzanne Postel		Victor Leonard Stack	<i>Saginaw</i>
Donald Joseph Letherer	<i>Saginaw</i>		<i>Grosse Pointe Shores</i>	Lee Allen Staser	<i>East Lansing</i>
*John Charles Leyhan	<i>Grosse Pointe</i>	Wayne Randall Pray	<i>Utica</i>	William Robert Streng	<i>Detroit</i>
*Gerald Francis Lorig	<i>Bay Village, O.</i>	Gerald Michael Pugrant		Stephen Owen Stubbs	<i>Birmingham</i>
Gary Richard Lowe	<i>Wyandotte</i>		<i>Niagara Falls, N. Y.</i>	George Courtney Stucky	<i>Lansing</i>
Marshall Ludaway	<i>Orange, N. J.</i>	Thomas Gordon Randall	<i>Cadillac</i>	Thomas Bethuel Svingen	<i>Detroit</i>
Bernard Adrian Maki	<i>Forest Lake</i>	Lee R. Randolph	<i>Owosso</i>	†Elizabeth Norine Todd	<i>Detroit</i>
Thomas Charles Malpass	<i>Ferndale</i>	Charles John Ray	<i>Benton Harbor</i>	Lawrence Joseph Toomey	<i>Chicago</i>
David Robert Martin	<i>West Branch</i>	Willis Alexander Reid	<i>Detroit</i>	Edgar Lee Trocke	<i>Milford</i>
Robert Dennis McConnell	<i>Toledo, O.</i>	Thomas Earl Rickelman	<i>Birmingham</i>	Joseph William Udry, Jr.	<i>Flint</i>
William Albert McCoy	<i>Ontario, Canada</i>	Howard Edwards Rose, Jr.	<i>Hudson, O.</i>	Ian Paul Uren	<i>Lakewood, O.</i>
David Vaughn McCulloch	<i>Lansing</i>	Arthur Howard Ross	<i>Passaic, N. J.</i>	Vincent A. Valvona	<i>Detroit</i>
Charles Gordon McDougall	<i>Flint</i>	†Carol Ruth Rynn	<i>Baldwin</i>	Stephen Dudley Van Note	<i>Lansing</i>
Robert Warren Minninger	<i>Birmingham</i>	*Thomas Robert Saving	<i>Chicago</i>	Paul S. Vander Werf	<i>Muskegon</i>
David Joseph Morris	<i>Jackson</i>	Wayne E. Schotanus	<i>Highland Park</i>	*Donald James VanKampen	<i>Benton Harbor</i>
John Joseph Murphy	<i>Newton, Mass.</i>	Alvin Gary Schultz	<i>Wyandotte</i>		<i>Birmingham</i>
Howard Arnold Murray	<i>Birmingham</i>	Kenneth Elton Schultz	<i>Wyandotte</i>	David Quinby Walker	<i>Birmingham</i>
*Donald Joseph Neuser	<i>Benton Harbor</i>	Jon Martin Shepherd	<i>Newark, Del.</i>	*William Norman Walling, Jr.	<i>Tallahassee, Fla.</i>
Russell Arthur Noggle	<i>Niles</i>	Lucille Tillie Shifky	<i>Battle Creek</i>		<i>Malden, Mass.</i>
Daniel Edwin O'Neil	<i>Wilmette, Ill.</i>	Terry Ann Shissler	<i>Detroit</i>	*Herbert Weissblum	<i>Detroit</i>
Thomas Nicholas O'Neill	<i>Holyoke, Mass.</i>	Gordon Alexander Sinclair	<i>Flint</i>	Edward Allan Weliver	<i>Detroit</i>
Joseph A. Piccirilli	<i>Detroit</i>	Arthur Fraser Sippola	<i>Allen Park</i>	John Mark Wilson	<i>Detroit</i>
Albert Pick III	<i>Highland Park</i>	Donald Eugene Skrelunas	<i>Saginaw</i>	Charles John Winquist	<i>Muskegon</i>

DEGREE OF BACHELOR OF ARTS—*General Business*

Lyn Ackerman	<i>Akron</i>	James Oliver Cook	<i>Owosso</i>	Ronald Albert Hasse	<i>St. Joseph</i>
Fred C. Ahlborn	<i>Saginaw</i>	Robert George Cooper	<i>Flint</i>	Henry Richard Herrmann, Jr.	<i>Lansing</i>
Robert Frederick Anderson	<i>Port Huron</i>	John Stanley Corneliuson	<i>Ishpeming</i>	Bruce Tower Hess	<i>Detroit</i>
James Andrew Armour	<i>Vassar</i>	Dale Leslie Cornet	<i>Grand Rapids</i>	David Theodore Heyman	<i>Rutherford, N. J.</i>
Dallas Eugene Atlee	<i>Lansing</i>	Daniel Paul Cotcher	<i>Fenton</i>		<i>Grand Rapids</i>
Barbara Anne Baker		*Ronald Alan Crowell	<i>Battle Creek</i>	Ronald Lee Holmes	<i>Ionia</i>
	<i>Colorado Springs, Col.</i>	*Charles Richard Crowther	<i>Plymouth</i>	*James Oliver Hood	<i>Owosso</i>
Lee Carroll Baker	<i>Lansing</i>	Dean Porter Cumberworth	<i>Dimondale</i>	Paul Kaye Hood	<i>Lansing</i>
Arthur Allan Bartfay	<i>Flint</i>	†Arthur James Curtin	<i>Trenton, N. J.</i>	Donald Earl Hoover	<i>Ionia</i>
William Carl Belling	<i>Battle Creek</i>	Charles Luther Dalvini, Jr.	<i>Grand Rapids</i>	*Richard L. Howard	<i>Bad Axe</i>
Donald M. Blackburn	<i>Rochester</i>	*Rexford Albert Dawson	<i>Toledo, O.</i>	Donald Paul Howard	<i>Uby</i>
Ralph David Blakeslee	<i>Detroit</i>	George Patrick Deering	<i>Traverse City</i>	Ferris Simon Hund	<i>Findlay, O.</i>
Alan Edward Bolda	<i>Port Austin</i>	David Alexander Diebolt	<i>Detroit</i>	Donald E. Hurrell	<i>Lake Odessa</i>
Dale Warner Bollert	<i>Lansing</i>	Charles George Dill	<i>New York, N. Y.</i>	Burwayne D. Jackson	<i>Saginaw</i>
Melvin L. Boltz	<i>Tecumseh</i>	Carson Garnsey Dillon	<i>Adrian</i>	Harvey George Jackson	<i>Peoria, Ill.</i>
Anthony Octavius Bonacci		Donald Lee Dils	<i>Boston</i>	Barbara Jean Jarrach	<i>Birmingham</i>
	<i>Sault Ste. Marie</i>	Gaylen Lee Easter	<i>Jackson</i>	Robert Louis Jarvis	<i>Flint</i>
Harold Lee Brander	<i>Grand Rapids</i>	*Dudley Rollens Ericson	<i>Jamestown, N. Y.</i>	John William Jenca	<i>Midland</i>
Lewis David Brasser	<i>Sheboygan, Wis.</i>	Linus Clinton Etienne	<i>Bay City</i>	Holley Shannon Jernigan	<i>Lake Odessa</i>
*George Milne Brewer	<i>Byron</i>	John Melville Everts	<i>Fredonia, N. Y.</i>	Richard Glenn Johnson	<i>Winchester, Mass.</i>
Richard Thomas Broderick		Thomas Carl Evert	<i>Grand Rapids</i>	Robert Lester Johnson	<i>Toledo, O.</i>
	<i>Harsdale, N. Y.</i>	Robert Alan Farmer	<i>Birmingham</i>	Mason Beach Jones, Jr.	<i>Grand Rapids</i>
Lawrence Elton Brown	<i>Lansing</i>	Gary Ray Farrer	<i>Salt Lake City, Ut.</i>	Stuart Ernest Joynt	<i>Lansing</i>
Richard Cecil Brown	<i>Ypsilanti</i>	*Frank John Fendt	<i>Holland</i>	Peter T. Keriacos	<i>Lansing</i>
Edgar Alan Browne	<i>Davison</i>	Thomas Edward FitzGerald	<i>Grand Rapids</i>	Roy Richard Ketcheson	<i>Durand</i>
Tor Arne Brunvand	<i>Lansing</i>	Leslie L. Frankel	<i>Chicago</i>	James Allen Kirkeeng	<i>Ithaca</i>
James Albert Burris	<i>Michigan City, Ind.</i>	James Patrick Gallagher	<i>Dearborn</i>	Richard Edward Klein	<i>Jackson</i>
*Donald Henry Carlson	<i>Inglewood, Cal.</i>	Jeremiah Francis Gendron	<i>Ironwood</i>	Perry Commadore Knox	<i>Jamestown, N. Y.</i>
Clark Ronald Chamberlain	<i>East Lansing</i>	Robert Dwaine General	<i>Detroit</i>	Theodore William Kofod, Jr.	<i>Lake Odessa</i>
Donald Richard Cheney, Jr.		Gerald Lee Gerow	<i>Lansing</i>		<i>Muskegon</i>
	<i>Spartanburg, S. C.</i>	Paul David Golub	<i>Schenectady, N. Y.</i>	Irving Ernest Krebs	<i>Pontiac</i>
Laurence Arthur Chrouch II	<i>Detroit</i>	James Alford Graham, Jr.	<i>Roseville</i>	LaVerne Paul Krupp	<i>Bradenton, Fla.</i>
Dean Hendrie Cimmerer	<i>Flint</i>	Arnold Keith Greenman	<i>St. Charles</i>	Frederick Niles Kuhn	<i>Grand Rapids</i>
*William Monroe Clark	<i>Alma</i>	Allen Lewis Greenspon	<i>Chicago</i>	Lee Colon Lathrop	<i>Traverse City</i>
Chandler Vincent Copps	<i>Dubuque, Ia.</i>	Lars Carter Gudal	<i>Tampa, Fla.</i>	Ronald Forrest Laug	<i>Dearborn</i>
Jean Gibbs Clemens	<i>Des Plaines, Ill.</i>	Lawrence William Haase	<i>Owosso</i>	Robert Erwin Lehnhardt	<i>Farmington</i>
Alfred Reynolds Congdon	<i>Ypsilanti</i>	Loran Lovis Hamilton	<i>Ortonville</i>	Suzanne Leitch	
Susan Silver Conrad	<i>Rutland, Vt.</i>	Vernon Eugene Hart	<i>Flint</i>	Stewart Hilton Levin	

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COLLEGE OF BUSINESS AND PUBLIC SERVICE (Continued)

DEGREE OF BACHELOR OF ARTS—*General Business* (Continued)

Samuel Joseph Lopez, Jr.	<i>Detroit</i>	Robert Charles Pohlman	<i>Saginaw</i>	David Jack Spindler	<i>Lansing</i>
Gary Persay Lowande	<i>Balboa Heights, Canal Zone</i>	William Dean Pohlman	<i>Saginaw</i>	Richard Arthur Stebbins	<i>Ashtabula, O.</i>
Lawrence Guy Lyman	<i>Pullman</i>	Andrew John Poruks	<i>Kalamazoo</i>	Paul D. Stein	<i>Grosse Pointe</i>
James Lee Maier	<i>Grosse Pointe Woods</i>	Richard Alden Pulford	<i>Lansing</i>	Cyde Kernick Stephens, Jr.	<i>East Lansing</i>
Gregory Denys Maronick	<i>Dearborn</i>	Thomas Edmond Randall	<i>Lansing</i>	*Lawrence Jacob Stockler	<i>Detroit</i>
Robert Sinclair Marsh	<i>Ypsilanti</i>	Harry Beamish Pangborn Rapson	<i>Monroe</i>	Paul Adelbert Straub	<i>Battle Creek</i>
James Elwin May	<i>Oscoda</i>	A. Stephen Rasch	<i>Lansing</i>	Ann Harriet Straubel	<i>Kalamazoo</i>
Paul Duane May	<i>Battle Creek</i>	Frederick La Monte Raymond	<i>Detroit</i>	Lee Jerry Strock	<i>Brockton, Mass.</i>
Dean Robert McConkey	<i>Durand</i>	*Alan Perry Richards	<i>Lansing</i>	*Peter Hoffman Susman	<i>Hartford, Ct.</i>
C. Richard McDaniel	<i>Monroe</i>	Douglas George Riddell	<i>Ontario, Canada</i>	Charles Martin Suesz	<i>East Lansing</i>
†Terry Lee McKenney	<i>Holland</i>	Richard Turner Riggs	<i>East Lansing</i>	Leonard John Swistak	<i>Jackson</i>
Peter Paul McKenzie	<i>Kenmore, N. Y.</i>	Herbert Cerille Roberts	<i>Escanaba</i>	Paul Lee Tavenner	<i>Lansing</i>
Douglas Rodger Mendell	<i>Dayton, O.</i>	Kenneth Gene Rodewald	<i>Fort Wayne, Ind.</i>	William Haroldsen Taylor	<i>Grass Lake</i>
David Chester Meyers	<i>Chassell</i>	Waldmar John Roehler, Jr.	<i>Tucson, Ariz.</i>	Donald Dean Temple	<i>Dearborn</i>
Louis Eugene Miller, Jr.	<i>Dearborn</i>	Arno Otto Rogner	<i>Frankenmuth</i>	George Richard Thayer, Jr.	<i>Jacksonville, Ill.</i>
Thomas F. Mohr	<i>Jackson</i>	James Alfred Rose, Jr.	<i>Maplewood, N. J.</i>	Don Bernard Thornburg	<i>Flint</i>
Ronald Eldon Mosher	<i>Romeo</i>	Dennis Ardel Rosenbrook	<i>East Lansing</i>	Dick F. Tomlinson	<i>Battle Creek</i>
Joseph Jerome Muha	<i>Pontiac</i>	Arnold Peter Rosenfeld	<i>New York, N. Y.</i>	William Jerome Turner	<i>Williamston</i>
Edwin Allen Murray	<i>Holt</i>	*Gary Stanley Rubin	<i>Des Moines, Ia.</i>	Gary Lee Tyndale	<i>Lansing</i>
Gerald Frederick Neubecker, Jr.	<i>Grand Rapids</i>	Jerry Dean Rueckert	<i>Lansing</i>	*Edwin M. Vanden Akker	<i>Grand Rapids</i>
*William John Nissen	<i>Iron Mountain</i>	Robert Ernest Salvati	<i>Allen Park</i>	Noel Edward Vinette	<i>Escanaba</i>
Stanley Coats Noxon	<i>Grand Rapids</i>	David Floten Savidge	<i>Reed City</i>	Alexa Olympia Viorel	<i>Detroit</i>
Alvin Douglas Oak	<i>Livonia</i>	William Henry Schiesser	<i>Detroit</i>	Lawrence Bernard Vitall	<i>Saginaw</i>
Thomas Roberts O'Dell	<i>Bedford</i>	Raymond Mariano Schincarol	<i>Paw Paw</i>	Loren H. Wall	<i>Menominee</i>
Raymond Arthur Olson	<i>Bessemer</i>	John Edwin Schutz	<i>Harvey, Ill.</i>	James Schaeffer Ware	<i>Kalamazoo</i>
Robert Clark Osgerby	<i>Caro</i>	Richard Joseph Schweiss	<i>Richland</i>	Thomas Ray Ware	<i>Kalamazoo</i>
Jack A. Page	<i>Kalamazoo</i>	Werner Joseph Seitz	<i>Atlanta, Ga.</i>	Muriel JoAnn Watson	<i>Lansing</i>
Robert Lee Page	<i>Detroit</i>	Norman Harold Sernick	<i>Grand Rapids</i>	Roger Wade Wellington	<i>Lansing</i>
Balfour Mason Palmer	<i>Lake City</i>	Herbert D. Shartle	<i>Woodland</i>	Bernard Joseph White	<i>Ulsterville, N. Y.</i>
Richard Carl Pannier	<i>Pittsburgh, Pa.</i>	Stan Edgar Sheets	<i>Indianapolis, Ind.</i>	Samuel Edward Williams	<i>Allegan</i>
Frank Murdock Parkinson	<i>Quincy</i>	Franklin Herbert Sherer, Jr.	<i>Rochester</i>	Heber Harlan Wilson, Jr.	<i>Detroit</i>
John Robert Pattison	<i>Wyandotte</i>	Catherine Jane Sibley	<i>Lake Orion</i>	Robert Michael Wood	<i>Detroit</i>
Janet Mary Peattie	<i>Grosse Pointe</i>	Jack Slotnick	<i>East Lansing</i>	Albert Oliver Worden	<i>Port Huron</i>
Derald Wayne Pekkala	<i>Highland Park</i>	Cyrus Maylan Smith	<i>Pontiac</i>	Harold Joseph Yaroch	<i>Port Austin</i>
John Doyle Pequet	<i>Grand Rapids</i>	Paul Weeghman Smith	<i>Richmond, Ind.</i>	Robert David Young	<i>Saginaw</i>
John Nelson Perry	<i>Hanover</i>	Rome Douglas Smyth	<i>Racine, Wis.</i>	Gerald Keith Youngs	<i>Grand Island, N. Y.</i>
Stephen Paul Pistono	<i>St. Charles</i>	Robert Merritt Snyder	<i>Mason</i>	James Bradford Zick	<i>Lansing</i>
*Walter Lee Plaskett	<i>Jackson</i>			H. David Zocca	<i>Detroit</i>

DEGREE OF BACHELOR OF ARTS—*Hotel, Restaurant and Institutional Management*

Gary Russell Abbott	<i>Scotia, N. Y.</i>	David Chapin	<i>Midland</i>	James Oviatt Heliker	<i>Cuba, N. Y.</i>
Marvin Lee Ancell	<i>Detroit</i>	John Wayne Chapman, Jr.	<i>Melvindale</i>	Fenimore Cline Hicks	<i>East Lansing</i>
†Paul Elliott Arnold	<i>Chicago, Ill.</i>	Wayne Harold Chubb	<i>Howell</i>	Philip I. Higley, Jr.	<i>Indianapolis, Ind.</i>
Michael Day Atkinson	<i>Orlando, Fla.</i>	Marvin Wayne Clark	<i>Lansing</i>	Mason Irving Himelhock	<i>Flint</i>
James Alfred Atwood	<i>Rochester</i>	Marylou Combs	<i>Mitchell, Ind.</i>	*Austin Moses Hirschhorn	<i>Detroit</i>
William Layton Aycock	<i>Knoxville, Tenn.</i>	August Richard Consiglio	<i>Detroit</i>	Glenna Lee Howell	<i>Grosse Pointe</i>
James Andrew Bailey	<i>Morton Grove, Ill.</i>	George W. Custer	<i>La Grange, Ill.</i>	Ole Aresvik Jacobsen	<i>Lamont</i>
*Robert Anthony Bardis	<i>Berwyn, Ill.</i>	Natacha Adair Danksha	<i>Auburn, N. Y.</i>	John P. Jeffrey	<i>Adrian</i>
John Carroll Beale	<i>Port Huron</i>	Joseph Paul Des Rochers	<i>Amesbury, Mass.</i>	Lee Christman Jenks	<i>South Bend, Ind.</i>
Margaret Ploehn Biglin	<i>Ft. Lauderdale, Fla.</i>	Gordon Morgan Diamond	<i>Detroit</i>	Harold Robert Johnson	<i>Midland</i>
Herman Dean Billiau	<i>St. Louis</i>	James Andrew Diamonduros	<i>Charlotte, N. C.</i>	Lynn Gregg Johnson	<i>Cadillac</i>
Arthur Eliot Blum	<i>Cleveland, O.</i>	Thomas Edward Donovan	<i>Lansing</i>	Charles Wm. Judge	<i>Brooklyn</i>
Barbara Ann Bonk	<i>Chicago, Ill.</i>	Louis August Ehrcke	<i>Walled Lake</i>	Claude Norman Katt	<i>Grand Rapids</i>
William Leys Bowman	<i>Battle Creek</i>	Vito Santo Episcopo	<i>Benton Harbor</i>	David B. Kenney	<i>Baltimore, Md.</i>
Howard Brake, Jr.	<i>Lansing</i>	Robert Francois Ernstein	<i>Irvington, N. J.</i>	David Leslie Kilborn	<i>Detroit</i>
Gail Merrill Brazier	<i>St. Petersburg, Fla.</i>	Amos Pender Freeman	<i>Detroit</i>	Allen Frederick Krause	<i>Denver, Col.</i>
James Edward Callis	<i>Clarksburg, W. Va.</i>	*Roger Edwin Garrett	<i>Van Nuys, Cal.</i>	Dale Douglas London	<i>Tawas City</i>
William Francis Canfield	<i>Rochester, Minn.</i>	Thomas Lang Gregory	<i>Detroit</i>	Albert Paul Lanot	<i>Jamaica, N. Y.</i>
John William Carr	<i>Flint</i>	David Fairbanks Griswold	<i>Dingley Dell, Mass.</i>	Ernest Kaye Lindley	<i>Lansing</i>
Paul James Cassidy	<i>Saratoga Springs, N. Y.</i>	E. Douglas Heisler	<i>Wilmington, Del.</i>	Robert Clark MacBride	<i>Hartland</i>
Arthur Joseph Chabon	<i>New York, N. Y.</i>			Louise Carolyn Manns	<i>St. Louis</i>
				*Donald Eugene Marchini	<i>Northfield, Ill.</i>
				Richard Dale Mendell	<i>Dayton, O.</i>

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COLLEGE OF BUSINESS AND PUBLIC SERVICE (Continued)

DEGREE OF BACHELOR OF ARTS—*Hotel, Restaurant and Institutional Management* (Continued)

Richard Cherney Miller	<i>St. Joseph</i>	Lauren Phillips Schleh	<i>Dearborn</i>	Richard Bruce Thomas	<i>Niles</i>
Roger Alan Miller	<i>Birmingham</i>	Charles Arthur Schwab	<i>Pasadena, Cal.</i>	Curtis Morden Walker	<i>St. Paul, Minn.</i>
John E. Mossman	<i>Bakersfield, Cal.</i>	Edward H. Schwannecke	<i>Saginaw</i>	David Beauchamp Walters	<i>Farnham, England</i>
*Lorrin Eugene Mullins	<i>Ashland, Ky.</i>	John Richard Schwartz	<i>Birmingham</i>	George Edward Wardeberg	<i>St. Joseph</i>
Patricia Ann Nanry	<i>Huntington Woods</i>	Danford Carl Sharp	<i>Cuyahoga Falls, O.</i>	*Jerold Weinstein	<i>Brooklyn, N. Y.</i>
*Robert Allen Poyer	<i>Vermilion, O.</i>	*John Frank Slavsky	<i>Pewaukee, Wis.</i>	Alan Edward White	<i>Grand Ledge</i>
Ernest Edward Renaud	<i>East Lansing</i>	Alan Gould Smith	<i>Cincinnati, O.</i>	Richard W. Wilmot	<i>East Chicago, Ind.</i>
Michael H. Rosenzweig	<i>Chicago, Ill.</i>	Karl Engebret Snilsberg	<i>Lillehammer, Norway</i>	Charles Masson Wyse	<i>Plymouth</i>
James William Saine	<i>Chicago, Ill.</i>	*Edward Curtis Snow	<i>Toledo, O.</i>		
Henry Joseph Schankula	<i>Niagara Falls, Canada</i>	Curtiss Dean Speck	<i>Dallas, Tex.</i>		

DEGREE OF BACHELOR OF ARTS—*Political Science*

†Bruce Anderson	<i>Detroit</i>	Lowell Burton Lockett	<i>Montclair, N. J.</i>	Stanley Myles Slawsby	<i>Newton, Mass.</i>
William Harley Archer	<i>Iron Mountain</i>	Carl Fredrick Lund	<i>Ludington</i>	Francis Richard Spaniola	<i>Corunna</i>
Frank Robert Becker	<i>Lansing</i>	Richard Frederick Lyon	<i>Northville</i>	Eldrewey Joseph Stearnes	<i>Galveston, Tex.</i>
Gary William Bedford	<i>Durand</i>	†Madeline Anne Moore	<i>East Paterson, N. J.</i>	*Robert Malcolm Stuart	<i>Leslie</i>
George Frederick Beech, Jr.	<i>Farmington</i>	*Peggy Doreen Mudeking	<i>Lansing</i>	Harry Jonathon Susla	<i>Torrington, Ct.</i>
Joan Irene Brady	<i>Detroit</i>	Harry John Oakes	<i>Grand Haven</i>	John Edward Szymas	<i>Grand Haven</i>
*Donald Charles Davidson	<i>Plymouth</i>	†Stanley Alonzo Pearl	<i>Danville, Me.</i>	*Yvonne Marie Vogel	<i>Detroit</i>
Joseph Aloysius Fay	<i>Three Oaks</i>	†Marilyn Jean Poest	<i>Holland</i>	Julia Sophie Wiewiola	<i>Grand Haven</i>
Barry Marvin Grant	<i>Detroit</i>	Max Eugene Reed	<i>Warsaw, Ind.</i>	†Marilyn Joan Willoughby	<i>Flint</i>
†Sylvia Elizabeth Jackson	<i>Angola, Ind.</i>	Mary Lou Rodgers	<i>Barryton</i>	Norman Winger	<i>Cleveland Heights, O.</i>
*Lowell M. Kelly	<i>Coopersville</i>	Mary Edna Selway	<i>Lansing</i>	Mary Alice Zack	<i>Lansing</i>
Richard Frank Klann	<i>Holland</i>	†Sharon Margaret Johnson Shy	<i>Lansing</i>		

DEGREE OF BACHELOR OF ARTS—*Secretarial Studies*

Judith Mock Atkinson	<i>Detroit</i>	*Donna Lee Goodrow	<i>Grosse Pointe Woods</i>	Gretchen Marie Ridderhof	<i>Detroit</i>
Glenna Marie Behl	<i>Kalamazoo</i>	*Sylvia Martha Martin	<i>Utica</i>	Charlotte Joan Todd	<i>Midland</i>
Joan Margaret Blair	<i>Manistee</i>	Averala Ann Paxton	<i>Toledo, O.</i>		

DEGREE OF BACHELOR OF ARTS—*Social Work*

Marilee Achton	<i>South Bend, Ind.</i>	Marouf Arif Hasian	<i>East Lansing</i>	Cora Sue Morton	<i>Mt. Clemens</i>
James Lee Angell	<i>Grand Blanc</i>	†Janet Grace Henderson	<i>Okemos</i>	Ruth Eileen Niemela	<i>Calumet</i>
Richard Lawrence Beachnau	<i>Lansing</i>	Harriette Charlotte Henrickson	<i>Lansing</i>	Elaine Charlotte Reilly	<i>Morristown, N. J.</i>
Darlene G. Clark	<i>Saginaw</i>	Avon Gayle Hoffmeyer	<i>Flint</i>	Shirley Rice	<i>New York, N. Y.</i>
Donna Marie Clark	<i>Buffalo, N. Y.</i>	Shirley Ann Hoppe	<i>Detroit</i>	Elaine Joyce Ridderman	<i>Fremont</i>
Maureen Ann Doyle	<i>Lansing</i>	Patricia Susan James	<i>Middlebury, Vt.</i>	Carole Lee Ruppel	<i>Grosse Pointe</i>
*Francis Durkin	<i>New York, N. Y.</i>	†Nancy Jane Lawrence	<i>East Lansing</i>	†Virginia Ruth Seeley	<i>Roslyn Hgts., N. Y.</i>
Roger A. Forth	<i>Manistee</i>	Sandra Joanne Mallinger	<i>Roscommon</i>	*Carol Elizabeth Snowden	<i>Beaver Falls, Pa.</i>
Judith Ann Haga	<i>Mason</i>	Joyce McClellan	<i>Houston, Tex.</i>	June Catherine Stella	<i>Berwyn, Ill.</i>
*Donald Theodore Haller	<i>Milwaukee</i>	Mary Kathryn McGrath	<i>Dearborn</i>	Franklyn Leonard Wosek	<i>Dearborn</i>
Susan Jane Harris	<i>Bay City</i>	Louise Anne Merchant	<i>Union City</i>		

DEGREE OF BACHELOR OF ARTS—*Business Education*

RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Olga Ann Bobrofsky	<i>Lansing</i>	*Wendell Hall Lubbinge	<i>Jamestown</i>	Doris Summers Scates	<i>Martin, Tenn.</i>
†Janet Marilyn Frederick Brown	<i>Mason</i>	Marilyn Jean Matthew	<i>Spring Lake</i>	Rosemary Ann Sculati	<i>Iron Mountain</i>
Sally Lou Clark	<i>Lansing</i>	*Janette Marie Merkel	<i>Royal Oak</i>	David Benjamin Smith	<i>Jackson</i>
*Elaine Clark Cook	<i>Balboa, Canal Zone</i>	Anne Meyer	<i>Dearborn</i>	Marilyn Jane Smith	<i>Detroit</i>
Kenneth Murl Ferguson	<i>Pontiac</i>	Ann Christine Mickelson	<i>Kalamazoo</i>	Nancy Lucinda Smull	<i>Dowagiac</i>
H. Roger Hansbarger	<i>Lake Odessa</i>	Jerry Alan Moeller	<i>Muskegon Heights</i>	Janet Joan Thiel	<i>Grand Rapids</i>
John Edwin Kraeer III	<i>Midway, Pa.</i>	Joan Ann Pfaus	<i>Tecumseh</i>	Mary Ann Towle	<i>Grand Rapids</i>
Jeannine Ann Krebs	<i>Romulus</i>	*Aletha Lucille Pitts	<i>Sears</i>	Marilyn Ann Westrich	<i>Stephenson</i>
Jack A. Lewis	<i>Belding</i>	Marion Greene Runge	<i>Western Springs, Ill.</i>	Phyllis Jean Wolfe	<i>Ann Arbor</i>
Melvin Dale Long	<i>Detroit</i>			Lois Carole Zimmerman	<i>Edwardsburg</i>

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COLLEGE OF BUSINESS AND PUBLIC SERVICE (Continued)

DEGREE OF BACHELOR OF ARTS—*Economics*

RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

William Frederic Cook	Greenville	Rudolph Gaddini	Chicago, Ill.	Robert James Mendenhall	Frankfort
William Hardie Findley, Jr.		Donald Thomas Kasuba	Pittsfield, Mass.	Donald Raymond Powell	Ferndale
	Miami Beach, Fla.	Douglas McFetters	Detroit	Charlotte Ann Taylor	Highland Park

DEGREE OF BACHELOR OF ARTS—*Political Science*

RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Alfred Paul Ciufetelli	Anvil	Warren Lee Stephens	Lansing	†Barbara Jean Wellington	Flint
*John J. Moskal	Dearborn				

DEGREE OF BACHELOR OF SCIENCE—*Police Administration and Public Service*

Bernard Lawrence Aumann	Chicago, Ill.	Roberta Marie Harrington		DeVere Walter Parker	St. Johns
Theodore Lambert Bertrand			Saratoga Springs, N. Y.	Joan Kenneth Popham, Jr.	Lansing
	Syracuse, N. Y.	*Norman Walter Heck, Jr.	Monroe	Jerry Vern Roddewig	Pontiac
Gerald Lewis Bird	Byron	Louis John Klekas	Magna, Ut.	Warren James Shadko	Charlevoix
Albert S. Bowman	Sewickley, Pa.	John Phillip Klosterman	Platteville, Wis.	David Bernard Shrock	Oscoda
*Francis Lynn Brokaw	Lansing	Kenneth Alan Larsen	Milwaukee, Wis.	Roger Lee Simmons	Grand Rapids
Lloyd Terrence Bushor	Detroit	Everett Paul Leek	Canton, Ill.	Brice Edwin Smith	Bristol, Ind.
Robert Guy Cole	Flint	Richard James Lickfeldt	Plymouth	James Byron Smith	Pontiac
*Arthur Eugene Hahn	Alpena	James Howard Lofft	Royal Oak	*Robert Roy Snow	Rochester, N. Y.
Kenneth Dewey Iacovoni	Lansing	† Bruce Barton Madsen		Howard L. Sousley	St. Johns
*Harold Randall Bixler	Omaha, Neb.		Salt Lake City, Ut.	Donald Frank Stevens	Saginaw
Martin Wayne Brasher	Muskegon Heights	DiAnn Amanda McKee	Sault Ste. Marie	*Theodore Leon Vernier	Grosse Pointe City
*William Henry Clifford	East Lansing	Dennis Navarre McLogan	Detroit	*Philip Peter Versluis	Grand Rapids
Roger Moritz Coats	Greenville	William Raymond McNamee	Detroit	Benjamin Warner, Jr.	Lansing
Robert Mackay Dean	Bath	Marvin Woodrow Mitchell, Jr.	Grand Rapids, Minn.	Warren Arnold Winthrop	New Haven, Ct.
Richard H. DeFer	Traverse City	William John Morrisroe			
Hugh Aloysius Donnelly			New Monmouth, N. J.		
	Jersey City, N. J.	*Glen Ross Murphy	Coleman		
Arlene Edna Frantz	Lansing				

DEGREE OF MASTER OF ARTS—*Accounting*

Ronald Wayne DeLong	Muskegon Heights	Edward William Handley	Jackson	Lawrence Robert Shannahan	Brimley
Donald Lee Foehr	Portsmouth, O.				

DEGREE OF MASTER OF ARTS—*Economics*

Donald Gerrit Dykehouse	Grand Rapids	Carl Anthony Smith	Defiance, O.	James Richard Strickland	East Peoria, Ill.
Robert Morett Schwei	Iron Mountain	Burton Tanner Spurrier	Grosse Pointe		

DEGREE OF MASTER OF ARTS—*General Business*

Frederick Seale Addy	Dedham, Mass.	Christopher Geoffrey Grain	Detroit	F. Bart Moore	Toledo, O.
Edmund Leonard Attanasio		Dean A. Hicks	Martinsville, Ind.	Charles George Olsen	Staten Island, N. Y.
	New York, N. Y.	Raymond Keith Hoedel	Flint	William Craig Prain	Cleveland, O.
Phillips Gifford Avery	Ridgewood, N. J.	James William Hogan	Bay City	Charles McCune Rogers	Grand Rapids
Jack Joseph Bellick	Detroit	William Hogg	Hancock	Carl George Sander	Norristown, Pa.
William Eustie Brunson, Jr.	Tuskegee, Ala.	Mark Clayton Hollis	Lakeland, Fla.	Samuel Dean Thompson, Jr.	
Charles Robert Carlson	Jamestown, N. Y.	Cicero Jonathon Holmes III	Bronson		Scarsdale, N. Y.
Byron Edward Chalfant	Reading, Pa.	Waldo Myrick Hughart	Traverse City	Walter Theadore Thompson	Ottawa, Kan.
Robert Turner Clow	Union City, Tenn.	Breno Augusto Botelho Junqueira		Wayne Charles Trapp	Indianapolis, Ind.
John Edward Condon	Hancock		Sao Paulo, Brazil	Richard Adolph Turchi	Elmhurst, Ill.
George Pasche Cook	North Syracuse, N. Y.	Adrian John Klaasen	Holland	Eugene William Wyckoff	Martins Ferry, O.
James Campbell Ditty, Jr.	Dayton, O.	Everett Clifford Leppert	Saginaw	Warren Zeiller	Glen Rock, N. J.
Donald A. Duchesneau	Miami, Fla.	Philip Kenneth MacLake	Battle Creek		
Edward Clinton Fosheim	Grand Haven	Frank McNeill	Skokie, Ill.		

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COLLEGE OF BUSINESS AND PUBLIC SERVICE (Continued)

DEGREE OF MASTER OF ARTS — *Hotel, Restaurant and Institutional Management*

Louis Edward Gordon	Jackson	William Jack Moomaw	Peoria, Ill.	Stanley C. Smith	Schenectady, N. Y.
Richard Byron Lowe	Anchorage, Alaska	James S. Ryan, Jr.	Silver City, N. M.	Leonard Udel Winner	Los Angeles, Cal.

DEGREE OF MASTER OF ARTS — *Political Science*

Richard Porter Brock	Saginaw	Henry Fabian Legere, Jr.	Taunton, Mass.	Raymond Charles Sittig	Three Oaks
Beverly Dryer Fairchild	Grosse Pointe	Alvin Lawrence Roegge	Petersburg, Ill.	Victor G. Strecher	Milwaukee, Wis.
Margaret Gwendolyn Fuller	East Lansing	Glenn Oscar Sattelmeier			
Paula Edith Irving	Towson, Md.		Grosse Pointe Farms		
Frank Boleslaus Krupiarz	Battle Creek	Patricia Hazel Shumate	Beckley, W. Va.		

DEGREE OF MASTER OF SOCIAL WORK — *Social Work*

Phyllis Pauline Cornell	Howell	Shirley Sehlin Hunt	Lansing	Albert J. Morris	Lansing
Kenneth Reginald Davis	Jackson	Barbara Ellen Leichty	East Lansing	David Milford Morris	Lansing
Donovan A. Dosey, Jr.	Lansing	Richard Rickenbacher	Lilliefors, Lansing	Virginia Hitchcock Pinner	East Lansing

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COLLEGE OF EDUCATION

The candidates will be presented by DEAN CLIFFORD E. ERICKSON

DEGREE OF BACHELOR OF ARTS — *Elementary Education*

Fleita Maye Aiken	Lansing	Judith Claire Emch	Toledo, O.	Nancy Barbara Kucera	
Carolyn Ruth Alexander	Holland	Lois Martha Engel	Grosse Pointe		Downers Grove, Ill.
Barbara Jane Allen	Saginaw	*Mary Lou Elizabeth Erickson	Royal Oak	*Barbara Ann Kuhn	Fenton
*Mary Jo Allen	Augusta	*Marsha Elizabeth Farley	Parma	Janet S. Kupiec	Detroit
*Margaret Ann Arnold	Dearborn	Jane Ann Fast	Lansing	Jean A. Lawlor	Dearborn
Rosetta Baily	Harrison, N. Y.	Shirley Ann Fawcett	Howell	Mary Lynne Angela Lawniczak	Battle Creek
Jane Hamlin Barron	Highland Park	Colette Marie Fenton	Detroit	Arlene Frances Lee	Alpena
Gloria Jean Baugus	Lansing	Nancy Gale Fieldman	Lansing	Barbara Ethyl Lee	Detroit
*Janice Murryne Bedford	Lansing	†Margaret Ellen Foster	Lansing	Marilyn E. Lee	Port Huron
Virginia Anne Belanger		Barbara Catherine Frost	Shelby	James Joseph Liddle	Romulus
	Grosse Pointe Park	Charlotte Frumkin	Chicago	Constance B. Limber	Lansing
Carol Jean Bennett	Woodstock, Ill.	†Betty June Petersen Gamber	Chicago	Carolyn Sue Lintz	Flint
Mary Jane Bennett	Detroit	Patricia Ann Gause	Coldwater	*Adelaide Brown Luplow	Saginaw
*Barbara Joan Best	Detroit	Nancy Lee Gentry	Birmingham	William Rankin Lutz	Adrian
†Leola Irene Bierlein	Adrian	*Joan Alice Gibbs	Jackson	*June Jacobs MacBride	Durand
†Constance Bintz	Fremont, O.	*Shirley Ann Ginebaugh	Grand Rapids	Dorothy Susan Macek	Newfane, N. Y.
Margalo Anne Bley	Grosse Pointe	*Ina Lee Gore	Traverse City	Enola May MacIntosh	Pittsford
*Joan Joyce Blizman	Wyandotte	Gail Ann Gossel	Saginaw	Emly Rose Marks	Lansing
Gail H. Boltz	St. Joseph	Patricia Ann Gossett	Saginaw	Diane Therese Mashek	Oak Lawn, Ill.
Charlotte Mae Booth	Pontiac	*Vitelene Ann Gosso	Grand Rapids	Nancy Bucknell Mast	Centreville
*LaDell Marie Bott	Dimondale	*Margaret Carolyn Gotta	Ironwood	Sienna Lou Mathewson	Smith Creek
Charlotte Lynne Bowles	Grand Rapids	Nancy-Ann Gregory	Ironwood	Edna Ann McAra	Davison
Georgia O. Boyer	Orchard Lake	Rebecca Clotiel Lemish Griffith		Ruth Elaine McCarty	Flint
Laurine Carol Braun	Youngstown, O.		Auburn, Ind.	Marilyn Elizabeth McGeorge	Detroit
Gwenyth Loy Brown	Iron Mountain	Barbara Phyllis Gross	Natick, Mass.	Kathryn Marie McKeone	Lansing
†Marylou Brown	Jonesville	Katherine "Sandy" Guy	Manhasset, N. Y.	Barbara Jane McLean	Lansing
*Beverly Jean Brugger	Flint	Mary Winifred Haley	Ithaca	*Mary Elizabeth McQuillan	Howell
Sandra Toothaker Brunvand	Lansing	Ruth Anne Harman	Webberville	Ann Mary Meilink	Grosse Pointe
Clover Jayne Carter	Lansing	Gail Alice Harris	North Branch	Louise E. Melpolder	Saranac
Constance Ann Chapman	Detroit	*Paula Ann Harris	Spartanburg, S. C.	Gail E. Mickelson	Ironwood
Carol Anne Christensen	Constantine	Sue Elizabeth Harrison	Pontiac	Annette Elizabeth Miller	Benton Harbor
David Emery Church	Spring Lake	Judith Ann Haverty	Dearborn	Mary Karol Miller	East Lansing
Alan Cohen	Williamston	Phyllis Ann Head	Pontiac	Margaret Esther Milne	Wheaton, Ill.
Barbara Ellen Coleman	Hazel Park	*Nancy Marie Hedlund	Lansing	Nancy Joyce Mitchell	Dearborn
*Garnet Koons Conard	Rives Junction	Pamela Darlene Hinga	St. Joseph	Maryellen Moore	Chelsea
†Carol Lou Conklin	Lansing	Martha Suzanne Hoag	Battle Creek	Marilyn Joan Mullen	Lohrville, Ia.
*Marilyn Louise Cook	Bedford, Ind.	Marion Leora Hockaday	Mt. Clemens	*Patricia Ann Nearing	Bay City
Jeanette Ruth Craig	Detroit	Carole Lee Hoskin	Birmingham	Margaret Elizabeth Nelson	Bloomington, Ill.
Harriett Emily Crapser	Jackson	Beverly Heckmann Hostetler	Mt. Clemens		
Ellen May Culham	Farmington	Gail Dearing Hullinger	Royal Oak	*Barbara Cady Nobles	Homer
*Norma Elaine Dalrymple	Birmingham	Grace D. Sill Hunn	Gaines	Sarah Grace Norton	Lansing
Patricia Ann Davidson	Vassar	G. Kathleen Hunt	Mason	Judith Grace O'Dell	Clarkston
Suzanne Strable Davis	Saginaw	*Ruth Frances Jachalke	Dimondale	Marlene Marjorie Parsons	Battle Creek
Delores Ann Dedrel	East Lansing	Lois Margaret Jackson	Flemington, N. J.	Phyllis Emily Patterson	Hobart, Ind.
Lynora Lee Denio	Detroit	Milton Robert Jacobi	Dearborn	*Martha Louise Perry	Sturgis
*Nancy Hope Dennis	Western Springs, Ill.	Mary Ellen Jeffreys	Lansing	*Agnes Victoria Planka	Chicago
Barbara Kay Dickinson	Grand Rapids	Sally Gordon Johnson	Durand	Virginia Anne Poole	Mt. Clemens
Ruth Elizabeth Dietzel	Detroit	Mary Kaye Johnson	Gibraltar	Dianne Rose Raemer	E. Grand Rapids
Margret Diane Dillon	Tecumseh	Willia Jean Junior	Flint	*Carol Ann Ratzow	Mt. Clemens
Joyce Dixon	Kalamazoo	*Illeen Mary Kennedy	Metamora	*Ethel Victoria Richardson	Ironwood
Kay Rosemary Dobie	Alma	Betty Jean King	Dearborn	Donna Elaine Richard	Flint
*Jacqueline Annette Dominick	Detroit	*Amy Lou Kipke	Charlevoix	†Judith Ann Ricketts	Detroit
*Mary Jane Dudas	Birmingham	Karine Margaret Klinkhamer	Pontiac	*Judith Patricia Ritner	Franklin
Patricia Ann Dye	Olean, N. Y.	Carol Lee Knauf	Niles	Ruth Mary Roberge	Detroit
Catherine Ann Eddy	Lansing	Erdine Marvel Krueger	Lansing		

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COLLEGE OF EDUCATION (Continued)

DEGREE OF BACHELOR OF ARTS—*Elementary Education* (Continued)

Janet Louise Roberts	<i>White Pigeon</i>	Sue Ann Shields	<i>Toledo, O.</i>	*Nancy Marie Treby	<i>Maumee, O.</i>
Susan Kay Robichaud	<i>Dearborn</i>	Eulalia E. Shlepowicz	<i>Oak Park, Ill.</i>	Loraine Leah Trepagnier	<i>Detroit</i>
*JoAnn Robinson	<i>Wyandotte</i>	Mary Karen Short	<i>Midland</i>	Paul Edwin Tucker	<i>Perry</i>
Barbara Jean Rodman	<i>Hermansville</i>	Mary Alice Smart	<i>Pioneer, O.</i>	*Suzanne Van Schaack	<i>Wauwatosa, Wis.</i>
Beverly June Runciman	<i>Detroit</i>	Barbara Ann Smith	<i>Iron River</i>	Patricia Ann Van Hollebeke	<i>Detroit</i>
Elizabeth Ann Ruse	<i>Dearborn</i>	JoAnne Marcella Smith	<i>Lansing</i>	*Carol Ann Van Loo	<i>Grand Rapids</i>
Carol Jean Russow	<i>Detroit</i>	Joy Ann Smith	<i>Waterliet</i>	Valerie Jane Vaughan	<i>South Haven</i>
Richard Ross Sabrosky	<i>Lansing</i>	Patricia Suzanne Smith	<i>Grosse Pointe</i>	†Nancy Joyce Voelker	<i>Okemos</i>
Ida May Sambell	<i>Ferndale</i>	†Carol Ann Spotts	<i>Jonesville</i>	Joann Leah Warshaw	<i>St. Clair Shores</i>
Mary Elizabeth Sammons	<i>East Lansing</i>	Edith Moore Squires	<i>Fowlerville</i>	Delphine Louise Welch	<i>Detroit</i>
*Donna Ruth Sandberg	<i>Battle Creek</i>	Marguerite Payne Stanke	<i>Grosse Pointe</i>	*Delores Leone West	<i>Pontiac</i>
Dorothea Miriam Sandin	<i>Lansing</i>	Mary Janet Stocking	<i>Midland</i>	*Evelyn Kay Wheelock	<i>Detroit</i>
Kathryn Grimm Shordon	<i>Lansing</i>	Elizabeth Louise Stout	<i>Ionia</i>	*Lorraine Shirley White	<i>Linden</i>
Naomi Lillian Schraegle	<i>Lansing</i>	*Betsy Louise Strickling	<i>Cleveland Hts., O.</i>	Laura Ann Wilkinson	<i>Owosso</i>
Jacqueline Anne Brown Schrecengost	<i>Traverse City</i>	Barbara June Stroh	<i>Grand Rapids</i>	Prudence Ann Willard	<i>Bay City</i>
Joanne Marie Schulz	<i>Lincoln</i>	*Gretchen Ann Stultz	<i>Ligonier, Ind.</i>	*Luanne Williams	<i>Jackson</i>
Judith Diane Scovill	<i>Pearl River, N. Y.</i>	Nancy Jean Sturrock	<i>Kenmore</i>	*Doranne Wilton	<i>Garden City</i>
Jean Hall Sessions	<i>Fredonia, N. Y.</i>	Verle Edna Thibdaue	<i>Croswell</i>	Janet Carol Woita	<i>Grosse Pointe</i>
Marilyn Joy Shafer	<i>Buchanan</i>	Jane Burgan Thomas	<i>Kalamazoo</i>	Nancy Ann Wollert	<i>Detroit</i>
Harriet Nita Shapiro	<i>Benton Harbor</i>	Janet Marie Thomas	<i>Oscoda</i>	*Janet Kay Wright	<i>Lansing</i>
Dorothy Marilyn Shepard	<i>Charlotte</i>	Janet Lois Thompson	<i>Detroit</i>	Carolyn Luttrell Young	<i>Bloomfield Hills</i>
		Janet Kay Thompson	<i>Lansing</i>	Shirley Mary Zuke	<i>Dearborn</i>

DEGREE OF BACHELOR OF SCIENCE—*Health, Physical Education and Recreation*

*Jack Carter Anderson	<i>Shelby</i>	Clifton W. Helms	<i>Sand Lake</i>	Ward F. Olson	<i>Ishpeming</i>
Gunnard Patrick Anderson	<i>Jamestown, N. Y.</i>	James Hinesly	<i>Detroit</i>	Carl Andrew Pendracki	<i>Detroit</i>
John Dean Backman	<i>Ramsay</i>	John Lewton Hopkins	<i>Traverse City</i>	George William Pepoy	<i>Holsopple, Pa.</i>
Lacey Bernard	<i>Flint</i>	Daniel Hovanessian	<i>Lansing</i>	Robert L. Peterson	<i>Flint</i>
William Gilbert John Bilkey	<i>Dearborn</i>	Aileen Eleanor Hutnik	<i>Flint</i>	Dale Eugene Phelps	<i>Grand Rapids</i>
Dorothy Brake	<i>Portsmouth, O.</i>	Robert W. Hynes	<i>Chicago</i>	Wilbert James Piirto	<i>Whittier, Cal.</i>
John Louis Brown	<i>Detroit</i>	Mary Lou Iverson	<i>Battle Creek</i>	Julie Mae Rai	<i>East Lansing</i>
Loren Eugene Brown	<i>Mason</i>	Barbara Ann Jensen	<i>Escanaba</i>	Gary Lynn Raymond	<i>Williamston</i>
John H. Butler	<i>Grand Rapids</i>	Phyllis Joan Johnson	<i>Paw Paw</i>	Barbara Ann Rogers	<i>Dunkirk, N. Y.</i>
Grace Lottie Chynoweth	<i>Hancock</i>	Sharon Lyli Kangas	<i>Detroit</i>	*Bosko Sarenac	<i>West Allis, Wis.</i>
George Bryant Cleaveland	<i>Grand Rapids</i>	Donald Jerry Keith	<i>Comins</i>	*Nancy Vee Schlichting	<i>Lansing</i>
*John Lewis Connell	<i>Davison</i>	Iola Whitney Kern	<i>Dearborn</i>	Oscar Battiste Session	<i>Terre Haute, Ind.</i>
Jack Victor Cooper	<i>Shelby</i>	Janet Louise Krulik	<i>Charlevoix</i>	Edwina N. Shipley	<i>Lexington</i>
Louis Paul Costanzo	<i>Dunmore, Pa.</i>	Gregory J. Lamley	<i>Adrian</i>	Leon Silber	<i>Detroit</i>
Patricia Anne Cothorn	<i>Payette, Id.</i>	Donald Ericsson Leas	<i>Philadelphia, Pa.</i>	Evan Joseph Slonac	<i>St. Michael, Pa.</i>
Jerry L. Cushman	<i>Lansing</i>	John Matsko	<i>St. Michael, Pa.</i>	Helen Madeline Smith	<i>Birmingham</i>
Raymond Charles Eggleston	<i>Jackson</i>	Martha Deborah-Ann McKeown	<i>Highland Park</i>	Lucinda Sarah Smith	<i>Grosse Ile</i>
*Charlene Joyce Eisenlohr	<i>Mason</i>	Dennis Arthur Mendyk	<i>St. Charles</i>	Marilyn Mae Spohn	<i>Royal Oak</i>
Beatrice Annette Eustace	<i>Lansing</i>	Robin Tankersley Metz	<i>New York, N. Y.</i>	Sylvia June Stadle	<i>Battle Creek</i>
Virginia Wagner Farmer	<i>Bloomfield Hills</i>	Frank Albert Miller	<i>Grosse Pointe</i>	Margaret Hazel Taylor	<i>Northville</i>
Barry Alan Fullerton	<i>Wilkinsburg, Pa.</i>	Nancy Mae Morehouse	<i>Mt. Clemens</i>	George Henry Thomas	<i>Detroit</i>
Lawrence Wayne Geresy	<i>Bangor</i>	Richard Thomas Muessig	<i>Lombard, Ill.</i>	*Joyce Minette Tubbs	<i>Ann Arbor</i>
Patty Lou Gordon	<i>Uniontown, Pa.</i>	Mary Anne O'Connor	<i>Dearborn</i>	Marlene Joy Wurn	<i>Dearborn</i>
Danny Lavern Greenman	<i>Battle Creek</i>	Valerie Howe O'Rourke	<i>Grosse Pointe</i>	Kay Yettaw	<i>Detroit</i>
Marion Virginia Hansen	<i>Rudyard</i>	*Karen Lynn Olson	<i>Marquette</i>		

DEGREE OF BACHELOR OF SCIENCE—*Industrial Arts*

Thomas Robert Bell	<i>Detroit</i>	Allan Burnell Judge	<i>East Lansing</i>	James Francis St. Vincent	<i>Norway</i>
Donald Eugene Cooper	<i>East Lansing</i>	Peter Paul Sagan	<i>Dunmore, Pa.</i>	Orville Wayne Tompkins	<i>Hastings</i>
Donald Lloyd Dowling	<i>Flint</i>	Allen George Scheck	<i>Traverse City</i>	James Thomas Wren	<i>Lansing</i>
George Joseph Hoke	<i>East Lansing</i>	Arthur E. Seward	<i>Houghton Lake</i>	Jerry Lee Young	<i>Howard City</i>
Graham James Jaros	<i>Detroit</i>	Richard Lisle Shanahan	<i>Edwardsburg</i>		

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COLLEGE OF EDUCATION (Continued)

DEGREE OF MASTER OF ARTS—*Educational Administration*

James Wilson Baer	<i>Buffalo, N. Y.</i>	Ozelma Rumsey Lockwood	<i>Charlotte</i>	Donald Raymond Slezak	<i>Bay City</i>
Robert Evans Baker	<i>Charlotte</i>	Edward James Lynch	<i>Otisville</i>	Robert LeRoy Stipe	<i>West Unity, O.</i>
Thomas Raymond Bochniak	<i>Grand Rapids</i>	Robert Douglas Marble	<i>St. Johns</i>	Joel Prem Sunderlal	<i>East Punjab, India</i>
John Richard Cave	<i>Ottawa, Ill.</i>	Duane George Maycock	<i>Dearborn</i>	Melvin John Thompson	<i>Ravenna</i>
Lynn Stoez Cressler	<i>Newville, Pa.</i>	Edwin Lane McCurry	<i>Muskegon</i>	Arthur Bryant Tyrrell	<i>Pontiac</i>
Duane Allen Franskoviak	<i>Milwaukee, Wis.</i>	David Baker McDowell	<i>Sault Ste. Marie</i>	Louis F. VanWart	<i>Amityville</i>
Donald Gene Hudgens	<i>Gary, Ind.</i>	Henry Amos Methner	<i>Coleman</i>	Robert Wemple Walker	<i>Mason</i>
Maude A. Hudson	<i>Greenwood, S. C.</i>	Thomas Henry Obrecht	<i>Lansing</i>	Harry Edward Warner	<i>Jackson</i>
John Thomas Hunter	<i>Leslie</i>	James Melvin Oestrieck	<i>Detroit</i>	Drage Hall Watson	<i>Vernon</i>
Edward Cornelius Kiley	<i>Standish</i>	Edward Andres Poole	<i>Deckerville</i>	William Edgar Webb, Jr.	<i>Bay City</i>
Frederick Ernest Kruger	<i>Lansing</i>	Paul Clayton Shank	<i>Portland</i>		

DEGREE OF MASTER OF ARTS—*Foundations of Education*

Ronald Edward Eick	<i>Flint</i>	Bonita LaFavar Gaines	<i>Byron</i>	Elinor Larsen Orthner	<i>Key West, Fla.</i>
Demetria Deliyanne	<i>Rochester, Pa.</i>	James Wayne Graeff	<i>Saginaw</i>	Eva Krohns Schauer	<i>Oak Park, Ill.</i>
Lorraine G. Drew	<i>Lansing</i>	D. Joan Kifer	<i>Grand Blanc</i>	Kenneth Glass Springer	<i>East Lansing</i>
Kimball Decker Dyer	<i>Detroit</i>	John Cassimer Leonard	<i>Lansing</i>		

DEGREE OF MASTER OF ARTS—*Guidance and Counseling*

Orville George Austin	<i>Los Angeles, Cal.</i>	Bruce James Kremer	<i>Lansing</i>	Isabelle Kathleen Payne	<i>Burlington, Vt.</i>
Robert Dale Bradley	<i>St. Johns</i>	Maurice Clayton Latimer	<i>Stockbridge</i>	Theodore Richard Raatikka	
Martin Joseph Burke, Jr.	<i>Atlanta, Ga.</i>	Ann Lawrence	<i>Royal Oak</i>		<i>Bruce Crossing</i>
Raymond Drew Collard	<i>Flint</i>	Richard E. Lawrence	<i>Hillsdale</i>	Nancy Jean Robinson	<i>Detroit</i>
Allura Exelby Custer	<i>Lansing</i>	Vincent James Mannoia	<i>Melrose Park, Ill.</i>	Ronald Stanley Stead	<i>Midland</i>
William Wylie Drudge	<i>Detroit</i>	Patsy Moran Meachum	<i>Muncie, Ind.</i>	Michael Albert Tucci	<i>Detroit</i>
Fe. Canlas Gaddi	<i>Manila, Philippines</i>	Beatrice Nurmi Meyers	<i>Chassell</i>	George Stephen Weston	<i>Highland Park</i>
Robert Hamel	<i>Charlotte</i>	Lenore June Morkam	<i>Lake Odessa</i>	Elwyn Ernest Zimmerman	<i>Muncie, Ind.</i>
Samuel Dillon Jackson	<i>Ft. Wayne, Ind.</i>	Herman John Oberli	<i>Chicago, Ill.</i>		
Elizabeth Ann Kaspar	<i>Shelbyville, Ky.</i>	George Pappas	<i>Midland</i>		

DEGREE OF MASTER OF ARTS—*Health, Physical Education and Recreation*

Wayne Floyd Case	<i>Jackson</i>	George William Fox	<i>Fowler</i>	Ross Bernard James Macnab	
Robert James Copland	<i>Okemos</i>	William A. Horwood	<i>North Chili, N. Y.</i>		<i>Montreal, Canada</i>
Eva Lou Dillin	<i>Friend, Neb.</i>	Dan Hovanesian	<i>Lansing</i>	Don Rush Potter	<i>Muncie, Ind.</i>
Richard Laverne Durrant	<i>Chicago, Ill.</i>	Andrew Thomas Kelley	<i>Detroit</i>	Dean William Shippey	<i>Lansing</i>
Gene Victor Elliott	<i>Huntingburg, Ind.</i>	Robert Clark Lummer	<i>Paterson, N. J.</i>	Donald Evan Shively	<i>Lima, O.</i>
Leo Darrell Folsom	<i>Onawa, Ia.</i>	William Gustav Mack	<i>Marshall</i>	Sidney Stein	<i>Chicago, Ill.</i>

DEGREE OF MASTER OF ARTS—*Teacher Education*

Pauly Anna Anderson	<i>East Lansing</i>	Carol Louise Landsburg	<i>Sandusky</i>	Sterling Gayle Murray	<i>Marshall</i>
Susan Churchill Copland	<i>Okemos</i>	Berneth Noble McKercher	<i>Milan</i>	John Gilbert Schaff	<i>Minden City</i>
James Oliver Frederick	<i>Glennie</i>	Bette Lorraine McManus		Ruth Eleanor Shapton	<i>Holt</i>
Joseph F. Harold	<i>Battle Creek</i>		<i>Huntington Woods</i>	Marilyn Nan Sims	<i>Grand Haven</i>
Krishna Kallianpur	<i>Bombay, India</i>	Kathleen Leone McRae	<i>East Detroit</i>	Dave Verniverston Smyth	<i>Sunfield</i>
Gary Wayne King	<i>Berrien Springs</i>	Beverly White Miller	<i>Eagle</i>	Cecil Kay Vogt	<i>Fowlerville</i>

DEGREE OF MASTER OF ARTS—*Vocational Education*

Donald Crane Baker	<i>Pontiac</i>	James Parker Fohey	<i>Howell</i>	Ali Riazi	<i>Tehran, Iran</i>
Eileen Holmes Bell	<i>Williamston</i>	Helen Augusta Mundell	<i>Nickerson, Kan.</i>	Gertrude Marcelle Strinden	
Howard Douglas Bernson	<i>Flushing</i>	Carl Dean Nelson	<i>St. Charles</i>		<i>Pelican Rapids, Minn.</i>
Lyle G. Clarke	<i>Cass City</i>	Frank Popp	<i>Decatur</i>	Harold H. Stuck	<i>Frankfort</i>
Clare Wellington Dunworth	<i>Newaygo</i>	Clayton Edward Preisel	<i>Attica</i>	William Henry Young	<i>Swartz Creek</i>

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COLLEGE OF COMMUNICATION ARTS

The candidates will be presented by DEAN GORDON SABINE

DEGREE OF BACHELOR OF ARTS — Journalism

Richard John Ahern	Rochester, N. Y.	Joseph Herman Hoffman	Miami Beach, Fla.	Charles Bradford Remington	Glen Ellyn, Ill.
Bruce Allan Augenstein	Lansing	†Jerry Edward Jennings	Quincy	Nancy Elizabeth Rigney	Livonia
Marilyn Minion Aumann	LaGrange, Ill.	Janice A. Klouser	Detroit	Robert L. Romal	Buffalo, N. Y.
*Peter John Baker	Grand Rapids	†Jean Gregory Laug	Vienna, Ill.	Ernest Gilmore Schwaderer	Cass City
Harold Claude Bateman, Jr.	Goshen, N.J.	Ruth Jeannene Laughlin	Dowagiac	Donn Raymel Shelton	Detroit
Roger Lyle Bennett	Oak Park, Ill.	Phyllis Jeanne Leyrer	Lansing	Alfred Joseph Simmons	Larchmont, N. Y.
Roselyn Rae Brown	Lansing	William Johnston Maddox, Jr.	Washington, D.C.	Curtis Karl Stadtfield	Remus
Helen Alyce Buechl	Rochester, N. Y.	*Robert James McCurdy	Hancock	Abraham Jefferson Still	Flint
Charles Lindberg Cousins	Lansing	Mary Jean McManus	Dearborn	*Patricia Swift	Herkimer, N. Y.
*Janet Margaret Dubois	Dearborn	Nihl L. Moore, Jr.	Union City	Richard Warren Thompson	Pontiac
David Cox Field	Hamburg, N. Y.	John Walter Murray	Grosse Pointe	June May Turner	Farmington
James Bernard Flaherty, III	Coral Gables, Fla.	Norma Theresa Nelson	Kingsford	Donald Steven Umans	Lawrence, N. Y.
Thomas Ralph Flynn	River Forest, Ill.	Jerome Hamilton O'Neil	Plymouth	†Lewis Elton Weeks	East Lansing
Robert Ewing Green	Detroit	Lauretta Ann Paternoster	Sandusky, O.	Charles Douglas Wiest	Findlay, O.
Michael Greenbaum	Chicago, Ill.	†Fredric Alan Powell	Lansing	Harold Robert Walton	Lansing
Louis Oliver Gropp	New Buffalo	*Nancy Jane Rauber	Minneapolis, Minn.		
Robert H. Harvey	Derby, N. Y.				

DEGREE OF BACHELOR OF ARTS — Speech

Maurine Dorothy Baker	Detroit	*Rochelle Barbara Gould	Brockport, N. Y.	Charles Jabos Pittsley	Flint
Richard Raymond Baker	Auburn Hts.	Patsy Annette Green	Coldwater	†Shirley Faye Reeder	Washington, D.C.
†Thomas Lee Banks	Shepherdstown, W. Va.	Judith Arlene Hanlon	Wayland	†Joseph C. Rhea	Lansing
B. Joseph Beall	Sturgis	Ellen Margaret Harrington	Detroit	James William Rice	Suffern Park, N. Y.
Morley M. Biesman	Flint	Robert Lloyd Heintz	Detroit	Sherry Anne Richard	Royal Oak
Charles Joseph Bock	Livonia	John Patrick Henneghan	Detroit	Charles Dennis Robertson	Midland
Virginia Kilmer Brown	Grosse Ile	Jack Lawrence Hogan	Lansing	Bob Wyatt Rowland	Hazel Park
David Newton Caldwell	San Jose, Cal.	†Elizabeth May Hughes	Lansing	Judith Ann Shores	Birmingham
Marvin Richard Chauvin	Detroit	John Charles Jacobson	Port Huron	Charles Hugh Spencer	Highland Park, Ill.
Thomas Henry Clarisey	Grand Rapids	Delores John Jennings	Lansing	Donald P. Stevens	Grand Rapids
Hariette Jane Clark	Manhasset, N.Y.	Ronald Russell Johnson	Dearborn	*Walter Allen Tannenbaum	Montreal, Canada
John Lee Colegrove	Jackson	Joseph Luke Kalwinski	Detroit	Gerald C. Thibault	Dearborn
*Colby Lee Collier	Fairfax Station, Va.	Richard Jay Krenek	Elmhurst, Ill.	Nancy Jane Toben	East Lansing
George Gerald Cope	Grosse Pointe	Altamae Kronenberg	Dayton, O.	*Steve George VanDenBrook	Detroit
Daniel Frederick Covell	Bay City	William Robert Kuns	Lakewood, O.	George Frank VanGorder	Danville, Ill.
Jay Donald Cross	Norwalk, Ct.	*Nancy Agnes Lamond	Lansing	*Judith Ruth Vestosky	Grand Rapids
Walter Collon Crowson	Pleasant Ridge	Gail Ann Leamy	Detroit	Cherie Nan Ward	Lansing
Alan B. Cudworth	Okemos	Robert FitzEdward Luce	Grand Rapids	Claire Munroe Waters	East Lansing
Charles Edwin Dickinson	Tonawanda, N. Y.	Dennis Emil Marquardt	Detroit	Otto Henry Wendt	Northville
Adrienne S. Douglas	Grand Rapids	*James Diehl McMahon	Belmont	Lee Farley Wright	Detroit
Larry Franceschi	Bayside, N. Y.	Sallysue Morrison	Durand	Thomas Edwin Zeppelin	Danville, Ill.
Jon David Friday	Hartford	John Francis Oates, Jr.	McKeesport, Pa.	Karl Edward Ziegenhagen	Ogden Dunes, Ind.
Milton Walter Fuehrer	Huntington Woods	Joseph Floyd Oberle	Geneseo, Ill.		
John Todd Gorrien	Detroit	Thomas Edward Olshefsky	Detroit		
		Michael Edward O'Rourke	Mesick		
		Maurice Blaine Osburn	Endicot, N. Y.		
		Marjorie Ann Palmer	Adrian		

DEGREE OF BACHELOR OF ARTS — Journalism RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Sylvia Loretta DeSteiger	East Detroit	Joseph Leo Gilligan	Hazel Park	Carol Gwendolyn Harrington	Lakeside
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COLLEGE OF COMMUNICATION ARTS (Continued)

DEGREE OF BACHELOR OF ARTS — *Speech*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Sharon Marlene Bell	<i>Blissfield</i>	†Tanya Ann Johnson	<i>Milwaukee, Wis.</i>	Sally Marie Parrott	<i>Grand Rapids</i>
Martha Lee Blake	<i>Muskegon Hts.</i>	Mary Colleen Labbe	<i>Lansing</i>	James Joseph Renkiewicz, Jr.	<i>Detroit</i>
Lou Arnette Dowding	<i>Farmington</i>	Lois Carole LaBine	<i>Toledo, O.</i>	Beverly Sue Roush	<i>Cheboygan</i>
Garth Edward Errington	<i>Detroit</i>	Marcia Lynnette Laurence	<i>Belleville</i>	Norma Jean Webster	<i>Williamston</i>
*Richard Dale Estell	<i>Hillsdale</i>	Laura Cornelia Letson	<i>Lake Odessa</i>	*William George Schaar, Jr.	<i>DeWitt</i>
*Jean Ferguson	<i>Marion, O.</i>	Robert Andrew Lyons	<i>Mason</i>	Judith Ann Stanley	<i>Highland Park</i>
Eunice Marie Foye	<i>Onaway</i>	Kenneth Donald McCullough	<i>Detroit</i>	Barbara Hildgarde Werle	<i>Lansing</i>
*Elizabeth Scott Gibson	<i>Dearborn</i>	*Patricia Anne Moynihan	<i>East Lansing</i>	Doris Ann Wiley	<i>Caledonia</i>

DEGREE OF BACHELOR OF ARTS — *Speech Correction*
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Yvonne Frances Brown	<i>Chicago, Ill.</i>	*Barbara Ann Juengling	<i>Port Huron</i>	Lucille Perlmutter	<i>Flint</i>
Shirley Beverley Gogoleski	<i>Hamtramck</i>	Judith Chappel Lords	<i>Grand Rapids</i>	John Roger Schuneman	<i>Walnut, Ill.</i>
Judith M. Gunning	<i>Detroit</i>	Joy Irene Madden	<i>Davison</i>	Mary Ruth Spruell	<i>Uniontown, Pa.</i>
†Cleora Irene Jeffries	<i>Schoolcraft</i>	Richard Eldridge Merchant	<i>Ilion, N. Y.</i>	*William Clyde Wilson	<i>Detroit</i>

DEGREE OF MASTER OF ARTS — *Journalism*

Andrew C. Orr	<i>East Lansing</i>	Roger Anthony Tusken	<i>Lowell</i>	Vernon Wanty	<i>New Wilmington, Pa.</i>
Benita Joan Tall	<i>New York, N. Y.</i>				

DEGREE OF MASTER OF ARTS — *Speech*

Francis C. Byrnes	<i>Lansing</i>	Robert Preston Rimes	<i>Huntington Woods</i>	E. Eugene Williams	<i>East Lansing</i>
Paul Housler	<i>Saginaw</i>	David Charles Shepherd	<i>Dearborn</i>		
Allan Richard Maar	<i>Buffalo, N. Y.</i>	Lorna Marie Wildon	<i>East Lansing</i>		

*With Honor
†With High Honor

SCHOOL FOR ADVANCED GRADUATE STUDIES

The candidates will be presented by DEAN THOMAS H. OSGOOD

DEGREE OF DOCTOR OF PHILOSOPHY

- | | |
|---|---|
| Ralph Albert Bacon, <i>Midland</i> | B.A., M.S., Michigan State University
Metallurgical Engineering. <i>Thesis</i> : The Effects of Impurities on Electro-deposited Nickel with Special Reference to Calcium. |
| Walter Elmer Ballinger, <i>Burlington, N. J.</i> | B.Sc., Rutgers University; M.S., Michigan State University.
Horticulture. <i>Thesis</i> : Nutritional Conditions of Michigan Blueberry Plantings. |
| Paul Mack Bessey, <i>Madison, Wis.</i> | B.S., M.S., University of Wisconsin
Horticulture. <i>Thesis</i> : Studies on the Occurrence, Measurement and Control of Bitterness in Carrots. |
| Lytle Houston Blankenship, <i>Campbellton, Tex.</i> | B.S., Texas A. & M. College; M.S., University of Minnesota
Fisheries and Wildlife. <i>Thesis</i> : Woodcock Investigation in Michigan. |
| Clayton Dale Callihan, <i>Midland</i> | B.S., Michigan State University
Chemical Engineering. <i>Thesis</i> : Liquid-Liquid Extraction in a Pulsed Column. |
| Jeremiah Cameron, <i>Kansas City, Mo.</i> | A.B., Indiana University; A.M., University of Chicago
English. <i>Thesis</i> : Multiple Negation in Written English. |
| Ralph Porter Collins, <i>Alpena</i> | B.A., M.S., Michigan State University
Botany and Plant Pathology. <i>Thesis</i> : Pathological Respiration and Systemic Factors in <i>Fusarium</i> Wilt of Tomato. |
| Paul F. Connor, <i>Jamaica, N. Y.</i> | B.S., M.S., Cornell University
Zoology. <i>Thesis</i> : The Life History of Ecology of the Bog Lemming, <i>Synaptomys cooperi</i> , in Southern New Jersey. |
| Leo John Corbo, <i>Elizabeth, N. J.</i> | B.S., University of Notre Dame; M.S., University of North Carolina
Microbiology and Public Health. <i>Thesis</i> : Hemagglutination by Trypsin-Modified Infectious Bronchitis Virus. |
| Robert Gail Cunningham, <i>Manton</i> | B.S., Michigan State University
Physics and Astronomy. <i>Thesis</i> : Static Electrification of Filaments. |
| Harold Davidson, <i>East Lansing</i> | B.S., University of California; M.S., Michigan State University
Horticulture. <i>Thesis</i> : Photoperiodic Responses on Selected Woody Ornamental Shrubs. |
| Robert James Fawcett, <i>Walbridge, Ohio</i> | B.S., Bowling Green University
Chemistry. <i>Thesis</i> : The Synthesis of Substituted Thieophenethiols and Some W-(N, N-Dialkyl aminoalkyl) Thienyle Sulfide Hydrochloride Derivatives. |
| Edward Albert Fitting, <i>East Lansing</i> | B.S., Central State Teachers College; M.A., Michigan State University
Teacher Education. <i>Thesis</i> : Analysis of Factors Relating to Adjustment to Blindness. |
| Antone King Fontes, <i>East Lansing</i> | B.S., M.S., Michigan State University
Microbiology and Public Health. <i>Thesis</i> : The Beta-D-Galactosidase of Aberrant Coliform Bacteria. |
| Anne Chamberlain Garrison, <i>Mason</i> | B.A., Michigan State University
English. <i>Thesis</i> : The Benjamin Minor of Richard St. Victor Translated with an Introduction and Appendices. |
| Emerson Earl Garver, <i>Cuyahoga Falls</i> | B.S., Kent State University
Chemistry. <i>Thesis</i> : Physical Properties and Association in the Liquid Halogen Fluorides. |

SCHOOL FOR ADVANCED GRADUATE STUDIES (Continued)

- James Winthrop Goff, *Portland* B.S., M.S., Michigan State University
Forest Products. *Thesis*: The Damping Capacity of Corrugated Paperboard as a Function of Stress and Frequency.
- John Cortland Hadder, *East Hampton, N. Y.* B.S., M.Ed., University of Maryland
Botany and Plant Pathology. *Thesis*: Cytological Measurement of C-Mitotic and Prophase Poison Actions.
- Gordon Emil Holmgren, *Eagle* B.S., State Teachers College; M.A., University of Minnesota
Foundations of Education. *Thesis*: A Study of the Relationship of Certain Developmental Measures to Maturity of Boys as Indicated by Measures of Height.
- James Ralph Hooker, *Muskegon* B.A., M.A., Michigan State University
History. *Thesis*: The Public Life of Sir Richard Guildford: A Biographical Approach to Early Tudor Government.
- Robert Merrill Johnson, *Detroit* B.S., M.S., University of Detroit
Physiology and Pharmacology. *Thesis*: Effects of Adrenal Cortical and Pituitary Hormones on Initiation and Maintenance of Lactation in Rats.
- C. Gratton Kemp, *East Lansing* B.A., University of Toronto; M.A., Columbia University; Ed.D., Columbia University
Administrative and Educational Services. *Thesis*: Changes in Patterns of Values in Relation to Open-Closed Beliefs System.
- Clare Burton Kenaga, *Cadillac* B.S., Western Michigan College; M.S., University of Michigan
Botany and Plant Pathology. *Thesis*: Studies on the Fungicidal Activities and Phytotoxic Properties of Several Antifungal Compounds.
- Robert William Kleis, *Martin* B.S., M.S., Michigan State University
Agricultural Engineering. *Thesis*: An Analysis of Systems and Equipment for Handling Materials on Michigan Livestock Farms.
- Olen Kraus, *Nescospeck, Pa.* B.S., Pennsylvania State University; M.S., Michigan State University
Physics and Astronomy. *Thesis*: Interaction Between the Sodium Nuclei and the Lattice of Sodium Chloride.
- Gordon Paul Lindblom, *Minneapolis, Minn.* B.A., M.S., University of Minnesota
Microbiology and Public Health. *Thesis*: Some Aspects of the Carbohydrate Metabolism of Certain Trichomonads.
- William Gilbert Lloyd, *Bay City* B.A., Kalamazoo College; M.S., Brown University
Chemistry. *Thesis*: Autoxidation Inhibition of Tetralin: A Study by Induction Period Analysis.
- James Robert Lodge, *Downey, Ia.* B.S., M.S., Iowa State College
Dairy. *Thesis*: A Study of Thyroid Activity in Dairy Calves Using Radioactive Iodine as an Indicator.
- Lloyd James McKenzie, *Canada* B.S., Ontario Agricultural College; M.S., Michigan State University
Soil Science. *Thesis*: Oxidation-Reduction Studies on the Mechanism of Podzol B Formation.
- George Robert McQueen, *Auburn* B.S., M.S., Michigan State University
Soil Science. *Thesis*: Effect of Applied Nutrients on the Composition of Soil, Green Sugar Beet Tissue, and the Yield and Sugar Content of Sugar Beet Roots.
- Jay Ce Meiske, *Hartley, Ia.* B.S., Iowa State College; M.S., Oklahoma A. & M. College
Animal Husbandry. *Thesis*: Part I. Utilization of Biuret by Sheep. Part II. Effect of Starvation and Subsequent Refeeding on Some *In Vitro* Activities of Rumen Microorganisms.
- Conrad Henry Miller, *Lowell, W. Va.* B.S., M.S., Virginia Polytechnic Institute
Horticulture. *Thesis*: Studies on the Nutrition and Physiology of Pickling Cucumbers.
- Setsuko Mita, *Japan* M.M., Michigan State University
Music. *Thesis*: A Comparative Study of the Preparation of School Music Teachers in Japan and the United States.

SCHOOL FOR ADVANCED GRADUATE STUDIES (Continued)

- Thomas Randolph Neblett, *Detroit* B.A., Michigan State University; M.S., Wayne University
Microbiology and Public Health. *Thesis*: Biological Activity of the Lipids from *Escherichia coli* and *Shigella dysenteriae* and Their Characterization by Means of Infrared Spectrophotometry.
- Harald Christian Nielsen, *East Lansing* B.A., St. Olaf College
Chemistry. *Thesis*: Molecular Weight Studies on Acid-Precipitated, Calcium-Precipitated, Alpha, and Beta Casiens by Osmotic Pressure Measurement in 6.66 M Urea.
- William Pervical Pielou, *Detroit* B.S., M.S., University of Michigan
Zoology. *Thesis*: A Natural History Study of the Tufted Titmouse, *Parus bicolor* Linnaeus.
- William Russell Pierson, *Grand Rapids* B.S., M.S., Michigan State University
Teacher Education. *Thesis*: A Study of Movement Time and Reaction Time in Relation to Chronological Age.
- John Francis Regan, *Boston, Mass.* B.S., Boston College
Chemistry. *Thesis*: A Study of the Whol-Ziegler Reactions.
- Ronald I. Ribler, *Miami Beach, Fla.* B.A., University of Miami
Psychology. *Thesis*: The Detection of Brain Damage Through Measurement of Deficit in Behavioral Functions.
- Julius Rivera, *Colombia, South America* B.A., Papayan Seminary; M.A., University of Detroit
Sociology and Anthropology. *Thesis*: An Attitudinal Study of Mexican Contacts with the United States.
- Paul Edward Schleusener, *Oxford, Neb.* B.S., University of Nebraska; M.S., Michigan State University
Agricultural Engineering. *Thesis*: Drop Size Distribution and Energy of Falling Drops from a Medium Pressure Irrigation Sprinkler.
- Syed Mohammad Shamsuz-Zoha, *East Pakistan* B.S., M.S., Muslim University; M.Tech.Sc., Manchester University; M.S., University of Illinois
Microbiology and Public Health. *Thesis*: Studies of Sporulation and Germination of Spores of Putrefactive Anaerobe, 3679.
- Louis Haughton Sharpe, *Morristown, N. J.* B.S., Virginia Polytechnic Institute
Chemistry. *Thesis*: Photochemical Mechanism of Ergosterol Irradiation — Studies of Wavelength and Solvent Effects on Vitamin D₂ Synthesis.
- Charles Herbert Sherwood, *Gilbert, Ia.* B.S., Iowa State College; M.S., Ohio State University
Horticulture. *Thesis*: The Effect of the Plastic Coating, Vinyl 600 on Cut Flowers and Greens.
- Donald DuWayne Snyder, *Niles* B.A., Emmanuel Missionary College
Physics and Astronomy. *Thesis*: Some Physical Properties of Separated Lithium Isotopes.
- George Edwin Sutton, *New Milton, W. Va.* B.S., West Virginia University; M.S., University of Florida
Mechanical Engineering. *Thesis*: Analytical and Graphical Engineering Economic Analysis as Applied to the Compression Refrigeration System and Allied Components.
- Betty M. Tinklepaugh, *Corunna* A.B., Central Michigan College; M.S., Michigan State University
Geology. *Thesis*: A Chemical, Statistical, and Structural Analysis of Secondary Dolomitization in the Rogers City-Dundee Formation of the Central Michigan Basin.
- Beverly Hall VanHorne, *Battle Creek* B.A., Emmanuel Missionary College; M.S., Northwestern University
Physics and Astronomy. *Thesis*: The Near Infrared Spectra of Certain Diatomic Molecules.
- Sister Ann Carol Vaughn, O.P., *Adrian* B.A., Siena Heights College; M.A., Loyola University
English. *Thesis*: Agnes Repplier, Social Critic.
- Kenneth Ralph Wilson, *Omaha, Neb.* A.B., University of Omaha; M.S., Michigan State University
Chemistry. *Thesis*: Alkykation Studies with Aminotriazoles and Aminotetrazaoles.

SCHOOL FOR ADVANCED GRADUATE STUDIES (Continued)

- William Dunsmore Wilson, *Cherry Tree, Pa.* B.S., Dickinson College; M.A., University of Kansas
Microbiology and Public Health. *Thesis:* Some Aspects on Chick Mortality with
Pure and Mixed Infections with the Protozoan Parasites, *Eimeria tenella* and
Eimeria necatrix and *In Vitro* Studies on the Effect of Aureomycin on the Sporozoite and Merozoite Stages of *E. tenella*.
- Eliahu Wurman, *Israel* B.S., University of California
Soil Science. *Thesis:* Properties, Genesis and Classification of Textural Subsoil
Horizons in Some Michigan Soils.
- DEGREE OF DOCTOR OF EDUCATION**
- Jess Willard Falkenstine, *Morgantown, W. Va.* B.S., M.S., West Virginia University
Foundations of Education. *Thesis:* A Study of the Relationship Between Ocular
Dominance and Performance in Certain Selected Motor Activities.
- James Najeeb Jacobs, *Tonawanda, N. Y.* A.B., M.A., Michigan State University
Foundations of Education. *Thesis:* An Evaluation of Certain Measures of Aptitude
and Achievement in the Prediction of Scholastic Success.
- Otis Donald Meaders, *Phillips, Neb.* B.S., M.S., University of Nebraska
Vocational Education. *Thesis:* Practices Advocated by Selected National Agencies
and Organizations for Implementing Local Programs of Vocational Agriculture,
1836-1954.
- Myrtle Rose Reul, *Lansing* B.A., Albion College; M.A., M.S.W., Michigan State University
Administrative and Educational Services. *Thesis:* The Administrative Aspects of a
State-Wide Child Placement Agency.
- Wesley Stanley Simons, *Racine, Wis.* A.B., Carthage College; M.A., University of Michigan
Administrative and Educational Services. *Thesis:* The Personality Characteristics of
the Residence Hall Assistant as Related to Job Performance.
- Lucy Janet Wells, *Palatka, Fla.* B.S., Florida State University; M.Ed., University of Florida
Administrative and Educational Services. *Thesis:* A Study of Boating and Boating
Education in Selected Schools, Colleges, and Universities in the United States.

HONORARY DEGREES

CLARENCE B. HILBERRY

Teacher, scholar, university president. You have devoted the greater part of your professional life to the service of the people of Michigan through higher education as a teacher and administrator. When you were summoned from the classroom to accept administrative responsibilities, you took with you an unswerving belief in the essentiality of good teaching to a sound educational program. This is reflected in the steady advancement of Wayne University in prestige and respect, first as a strong municipal university, now as the newest member of

Michigan's triumvirate of outstanding state universities. Under your wise, vigorous, and inspirational leadership, Wayne State University is constantly increasing its capacity to meet the unprecedented challenges with which higher education is confronted today. For your proven ability as a teacher and scholar, for your farsighted, imaginative leadership, and for the steadfastness with which you serve in our common cause, Michigan State University confers upon you the honorary degree of Doctor of Laws.

RICHARD M. NIXON

Attorney, lawmaker, public servant. Twice elected to the Vice Presidency of the United States, you have brought to that high office a new dignity and usefulness which strengthen our political system. Your studies of political affairs and service as a member of the House of Representatives and of the United States Senate gave you a background of rich experience upon which to draw in discharging the heavy responsibilities of your office. You have traveled widely throughout the world, both as the distinguished official representative of our Federal Government and as a powerful proponent of the philosophy of life

which we are proud to call American. In these assignments in the service of our nation, you have gained an uncommon knowledge of both domestic and international affairs, and have used this knowledge to the best advantage, both in your public statements and in the councils of state. For these accomplishments, and in recognition of the inestimable contributions you have made to the building of a better and stronger nation, Michigan State University confers upon you the honorary degree of Doctor of Laws.

CHARLES STEWART MOTT

Engineer, industrialist, philanthropist. Your engineering skill and business acumen have been instrumental in providing employment and affording a greater measure of economic security for thousands of Americans. Highly motivated by the spirit of altruism and love of your fellow man, you have been generous in the use of your private means to promote the well-being of others. Education in particular has benefited from your philanthropy, which has supported wholesome leisure-time activities for adults and young people, community development, adult education on a wide scale, the junior college movement, and

many other projects which have as their objective the elevation of the human spirit. Throughout your career, you have been guided by the principle that people should be encouraged to help themselves, and a steadfast belief that our social system affords the world's best opportunity for individuals to achieve their legitimate ambitions. For these reasons, you are widely known and loved as one of Michigan's most illustrious and useful citizens, and for these same reasons, Michigan State University is proud to confer upon you the honorary degree of Doctor of Laws.

AWARD FOR DISTINGUISHED SERVICE

KIMIYO ONAGA

For your vision of the way in which home economics can function in improving family life and your ability to turn vision into reality;

For your service in developing the field of home economics in Okinawa and the Far East, resulting in the establishment of a Division of Home Economics in the University of Ryukyus and in increasing numbers of young women electing to specialize in the area;

For your abiding faith in democracy in the home and its implications for improving the position of women in the family and the community;

For your clear grasp of the idea that university education has a worthy concern with the practical affairs of every-day living;

For your leadership in using your fine abilities and special training on behalf of your people;

For your helpful cooperation with representatives of this University in the performance of their missions in Okinawa;

And for your deep and practical understanding of the basic tenets of democracy and what the Land-Grant philosophy of service to all of the people really means,

Michigan State University confers upon you its Award for Distinguished Service.

ALUMNI AWARDS FOR DISTINGUISHED SERVICE

To provide recognition to Alumni of Michigan State University for outstanding achievements, the Washington, D.C. Alumni Club in 1946 established the Alumni Awards for Distinguished Service. Annually one or more recipients, not to exceed five in any given year, are designated from a list of

Recipients of the awards for 1957 are:

DR. MAURICE J. DAY

Class of 1934. Pittsburgh, Pennsylvania. Engineer, Chemist, Metallurgist, Administrator. Currently Vice President of Research and Development with the Crucible Steel Company of America. Served as Metallurgist with Carnegie-Illinois Steel Corporation: Physical Chemist with United States Steel Corporation Research Laboratory: Technical Trade Metallurgist, Manager of the Alloy Division-Chicago District with the Carnegie-Illinois Steel Corporation; Assistant Metallurgical Engineer with the United States Steel Corporation; Manager of Materials and Processes, Assistant Director with the Armour Research Foundation of Illinois Institute of Technology. Par-

MR. P. EDUARD GELDHOF

Class of 1914. Benton Harbor, Michigan. Engineer, Inventor, and Administrator. Currently Engineering Consultant for the Whirlpool Corporation. From 1936-1954 was Director of Engineering and Research at Whirlpool; also Vice President and Director of that Corporation since 1938. Previously served as Chief Engineer for the Easy Washing Machine Corporation for 16 years, and prior to that, Chief Engineer of the U.S. Hoffman Machinery Company. Holder of approximately 200 patents, mostly covering home laundry equipment. Serves as visiting consultant and advisor for companies in England, Germany,

MR. STANLEY B. HUNT

Class of 1929. Clarence, New York. Engineer, Soldier and Public Servant. Currently serving as Chief, Engineering Division, Buffalo District, Corps of Engineers, U.S. Army. Has assumed major responsibilities in the supervision of planning and development of plans and specifications in a variety of projects including such flood control projects as the Onondaga and Mt. Morris Dams, harbor improvement projects, two Veterans Hospitals, remedial works at Niagara Falls involving entirely new systems of surveying. Currently doing all planning for St. Lawrence Seaway and several other projects for flood

CHARLES N. SILCOX

Class of 1920. Ithaca, New York. Business and Agricultural Leader. Currently General Manager, Cooperative Grange League Federation, Inc. Trustee of the American Institute of Cooperation. Director of Texas City Refining Company, Mohawk Airlines, Cooperative P and C Family Foods, Empire Livestock Marketing Cooperative, and American Agriculturist Foundation. Former Director and Vice President, National Council of Farmer Cooperatives. Grange League Federation representative in Washington during World War II, serving as

CLYDE E. WEED (Awarded *in absentia*)

Class of 1910. New York, N. Y. Mining Engineer, Industrialist, Administrator. Currently President, The Anaconda Company. In 1951, was awarded the William Lawrence Saunders Medal by the AIMME for "... having brought to the metal mining industry a new concept of technological and operating efficiency. . . ." In 1955, received the Michigan State University Centennial Award. In 1957, the Government of Chile bestowed on him the "Order of Merit General Bernardo O'Higgins," in

nominees submitted by local Michigan State University Alumni Clubs throughout the United States. Parchment scroll awards are presented each spring on Commencement Day at the University. The chairman of the Washington, D.C. Awards Committee is Robert L. Roland, Class of 1948.

icipated, by special invitation of the President of the Naval War College, in the Sixth and Seventh Annual Global Strategy Discussions. Listed in American Men of Science and Who's Who in Commerce and Industry. Holder of two steel patents. Received M.S.U. Centennial Award in 1955 and Arthur Hill High School (Saginaw) Honor Alumni for 1957; Member, American Society for Metals; American Institute of Mining and Metallurgical engineers; American Ordnance Association; Society of Automotive Engineers. Bachelor of Science, Master of Science, and Doctor of Philosophy degrees from Michigan State University.

Australia, New Zealand, and Mexico, who operate under the Whirlpool franchise. Served for six years as Chairman of the Engineering Committee of the American Home Laundry Manufacturers Association and National Sanitation Foundation. Geldhof Engineering Scholarship in his honor presented to Michigan State University by Whirlpool distributors in 1954. One of ten civilians serving on American Ordnance Association Committee on Bombs and Guided Missiles. Received M.S.U. Centennial Award in 1955. Active on a number of civic projects.

control and navigation. From 1941-1946 served with the Corps of Engineers, U.S. Army, attaining the rank of Colonel and received a Department of Army Commendation Award for his role in the implementation and completion of a vast construction, supply and contract termination program thereby contributing materially to the war effort. Supervised construction of first air raid warning system in western New York and many other military type projects. Received M.S.U. Centennial Award in 1955. Past 25 years have been devoted to Public Service.

Chairman, National Committee on Farm Production Supplies and member of several WPB and OPA Committees. President of the G.L.F. Holding Corporation and Grange League Federation Insurance Company. Recipient of the Master of Science Degree in Agriculture from New York State College of Agriculture at Cornell University. Served as First Lieutenant, U.S. Army, during World War I. Has spent 35 years in administrative positions with the Cooperative Grange League Federation Exchange, Inc.

the rank of Knight Commander — the highest honor that can be bestowed upon a foreigner. In addition to Anaconda Company, Mr. Weed is an officer of 25 mining and allied companies. Affiliated with the American Institute of Mining, Metallurgical, and Petroleum Engineers; and Tau Beta Pi. Recipient of the Honorary Degree of Doctor of Engineering from the Michigan College of Mining and Technology.

RESERVE OFFICER'S TRAINING CORPS

The following students have completed their ROTC training at Michigan State University and have received their commissions as reserve officers of the United States Air Force or as officers of the United States Army in the branches indicated.

AIR SCIENCE

Gary R. Abbott	<i>Balston Lake, N.Y.</i>	Danny L. Greenman	<i>Battle Creek</i>	Richard B. Quick	<i>Richmond</i>
Lyn Ackerman	<i>Akron</i>	James W. Grieve	<i>Montague</i>	Larry R. Reeder	<i>Lake City</i>
Thomas H. Almas	<i>Columbiaville</i>	Robert G. Hanlon	<i>Wayland</i>	John A. Sanderson	<i>Detroit</i>
Lee C. Baker	<i>Lansing</i>	Henry R. Herrmann, Jr.	<i>Lansing</i>	James J. Schmitt	<i>Boston, N.Y.</i>
Francis W. Baxter, Jr.	<i>Lansing</i>	Paul K. Hood	<i>Owosso</i>	Donald B. Siniff	<i>Grafton, O.</i>
Gary W. Bedford	<i>Durand</i>	Donald P. Howard	<i>Bad Axe</i>	Donald R. Smith	<i>East Lansing</i>
Dale W. Bollert	<i>Lansing</i>	Jackie L. Jacoby	<i>Ceresco</i>	Nicholas H. Smith	<i>Addison</i>
James A. Breza	<i>Pinconning</i>	Robert P. Knight	<i>Lansing</i>	Bernard Van Wert	<i>Pinconning</i>
John L. Brown	<i>Detroit</i>	Philip D. Knowles	<i>Manitou Beach</i>	Kenneth E. Walker	<i>Lansing</i>
Everett M. Christensen, Jr.		Peter H. Kondo	<i>Rochester</i>	Loren Helmer Wall	<i>Menominee</i>
	<i>New Ulm, Minn.</i>	Charles F. Kummer	<i>Butler, Pa.</i>	Clinton G. Weihl	<i>Coleman</i>
Ronald A. Crowell	<i>Battle Creek</i>	Ernest Lindley	<i>Lansing</i>	Frank E. Wilburn	<i>Detroit</i>
Richard J. Day	<i>Flint</i>	James L. Maier	<i>Grosse Pointe</i>	Lloyd H. Willson	<i>Yonkers, N.Y.</i>
Thomas E. Donovan	<i>Lansing</i>	Dennis E. Marquardt	<i>Detroit</i>	Charles J. Winquist	<i>Wheeling, Ill.</i>
Darrel K. Dorman	<i>Elsie</i>	Richard E. Merchant	<i>Illion, N.Y.</i>	Thomas S. Wright	<i>La Canada, Cal.</i>
Harry A. Ellico	<i>Bay City</i>	David C. Mitchell	<i>Farmington</i>		
Aaron L. Gettel	<i>Bay Port</i>	James T. Neal	<i>Farmington</i>		

DISTINGUISHED GRADUATES

Dudley R. Ericson	<i>Jamestown, N.Y.</i>	Tom Clifford Moore	<i>Twinlake</i>	Harold C. Smullen II	<i>Dearborn</i>
Robert D. Fox	<i>Cass City</i>	Gordon R. Morin	<i>Whitehall</i>	Gordon C. Spink	<i>Lansing</i>
Robert J. Fox	<i>Holt</i>	David G. Riemer	<i>Aurora, O.</i>	Craig A. Sterling	<i>Battle Creek</i>
George J. Hoke	<i>Capac</i>	Neal T. Saunders	<i>Dearborn</i>	Donald W. Tharp	<i>Grand Rapids</i>
James K. Iverson	<i>Lake City</i>	Thomas E. Slattery	<i>Ortonville</i>		

MILITARY SCIENCE

ADJUTANT GENERAL'S CORPS

George G. Cope	<i>Grosse Pointe</i>	John R. Pattison	<i>Wyandotte</i>	Abraham J. Still, Jr.	<i>Flint</i>
Dean P. Cumberworth	<i>Dimondale</i>	Arthur S. Rasch	<i>Lansing</i>		

ARMOR

George B. Cleaveland	<i>Grand Rapids</i>	Gerald L. Gerow	<i>Lansing</i>	Curtiss D. Speck	<i>Dallas, Tex.</i>
Alfred R. Congdon	<i>Ypsilanti</i>	James G. Holcomb	<i>Detroit</i>	Albert A. Stragier	<i>Mount Clemens</i>
James O. Cook	<i>Owosso</i>	Lorenz G. Kisor	<i>Ypsilanti</i>	Otto H. Wendt	<i>Farmington</i>
William F. Cook	<i>Greenville</i>	William R. Kuns	<i>Lakewood, O.</i>		
Harry T. Fisher	<i>Dearborn</i>	Roger B. Smith	<i>Howell</i>		

ARTILLERY

James L. Angell	<i>East Lansing</i>	Richard F. Klann	<i>Holland</i>	Alan P. Richards	<i>Lansing</i>
James W. Bigelow	<i>Petoskey</i>	Richard J. Krenek	<i>East Lansing</i>	Donald E. Skrelunas	<i>Saginaw</i>
Clark R. Chamberlain	<i>East Lansing</i>	Charles P. Lamb	<i>Grosse Pointe</i>	William C. Taylor	<i>Trenton</i>
Earl L. Davis	<i>Pocohontas, Ark.</i>	James E. Leach	<i>Lapeer</i>	Donald D. Trombly	<i>East Lansing</i>
Rexford A. Dawson, Jr.	<i>Toledo, O.</i>	Ronald E. Mosher	<i>Romeo</i>	Walter E. Voorheis	<i>Frankenmuth</i>
Carl A. Diener	<i>Saginaw</i>	Maurice L. Olson	<i>South Haven</i>	Edward M. Waldron	<i>Coldwater</i>
Norman W. Heck, Jr.	<i>Monroe</i>	Jerome H. O'Neil	<i>Plymouth</i>	Ernest G. Zetzman, Jr.	<i>Lansing</i>
Robert L. Jarvis	<i>Birmingham</i>	Ronald J. Pataconi	<i>Gastra</i>		
Harold J. Kent	<i>East Lansing</i>	Thomas G. Randall	<i>Bath</i>		

CHEMICAL CORPS

Charles T. Stocker	<i>East Lansing</i>
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FINANCE CORPS

John C. Leyhan	<i>Grosse Pointe</i>
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RESERVE OFFICER'S TRAINING CORPS (Continued)

INFANTRY

John H. Coleman, Jr.	<i>Pittsburgh, Pa.</i>	Nick Green, Jr.	<i>Lansing</i>	Richard T. Muessig	<i>Lombard, Ill.</i>
Jon C. Davis	<i>Onondaga</i>	James Hinesly	<i>Detroit</i>	John J. Murphy	<i>Newton, Mass.</i>
Victor E. Esch	<i>Lansing</i>	Arnold A. Kappeler	<i>Sidney, N. Y.</i>	Arthur H. Ross	<i>Passaic, N. J.</i>
David E. Faulkner	<i>Lansing</i>	Clarence R. McDaniel	<i>Monroe</i>	Yale M. Udoff	<i>Huntington, W. Va.</i>

MEDICAL SERVICE CORPS

Donald J. Van Kampen	<i>Benton Harbor</i>
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MILITARY POLICE CORPS

Albert S. Bowman	<i>Sewickley, Pa.</i>	Francis L. Brokaw	<i>Lansing</i>
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ORDNANCE CORPS

Burton L. Blanchard	<i>Lapeer</i>	William C. Hillemeier	<i>Flossmoor, Ill.</i>	Lawrence C. Rowe	<i>Swartz Creek</i>
Roland M. Brown	<i>Gary, Ind.</i>	Jerry M. Iverson	<i>Cadillac</i>	James C. Saylor	<i>Bloomfield Hills</i>
Patrick D. Burke	<i>Grosse Pointe</i>	Karl F. Jackson	<i>Mohawk</i>	Richard L. Shanahan	<i>East Lansing</i>
James E. Burtch	<i>Grayling</i>	Cecil L. Marckel	<i>Grand Ledge</i>	Arthur F. Sippola	<i>Allen Park</i>
Roscoe W. Davis, Jr.	<i>Brooklyn, N. Y.</i>	Ronald J. Miller	<i>Durand</i>	Robert M. Warner	<i>Petoskey</i>
Robert A. Farmer	<i>Bloomfield Hills</i>	Ronald J. Nugent	<i>Frankfort</i>	Robert M. Wood	<i>Detroit</i>

QUARTERMASTER CORPS

Michael D. Atkinson	<i>Port Huron</i>	Arthur J. Chabon	<i>New York, N. Y.</i>	Peter P. McKenzie	<i>Kenmore, N. Y.</i>
James A. Bailey	<i>Morton Grove, Ill.</i>	Charles G. DeRidder	<i>Saline</i>	Douglas R. Mendell	<i>Dayton, O.</i>
Terrence J. Block	<i>Grand Rapids</i>	Edwin J. Duda	<i>Bangor</i>	Wayne E. Schotanus	<i>Highland Park, Ill.</i>
James Brownstein	<i>Detroit</i>	Thomas L. Gregory	<i>Detroit</i>	Gerald L. Schulz	<i>Lansing</i>
James H. Buck	<i>Detroit</i>	Elwood D. Heisler	<i>Wilmington, Del.</i>	Alan G. Smith	<i>Cincinnati, O.</i>
Paul J. Cassidy	<i>Saratoga, N. Y.</i>	Burwayne D. Jackson	<i>Lansing</i>	Richard W. Wilmot	<i>Lansing</i>

SIGNAL CORPS

Bruce A. Chubb	<i>East Lansing</i>	Robert F. Luce	<i>Grand Rapids</i>	Douglas R. Porter	<i>Lansing</i>
Michael L. Gilden	<i>Buffalo, N. Y.</i>	Samuel F. Needham	<i>Rockford, Ill.</i>		
James O. Huml	<i>Lansing</i>	Joseph F. Oberle	<i>Geneseo, Ill.</i>		

TRANSPORTATION CORPS

William C. Mansfield	<i>Madison, Wis.</i>	John F. Oates, Jr.	<i>McKeesport, Pa.</i>	Richard P. Williamson	<i>Toledo, O.</i>
Charles S. McDowell	<i>Lansing</i>	Charles J. Pittsley	<i>Flint</i>		
John E. Nolan	<i>Lansing</i>	Richard A. Stevens	<i>Lansing</i>		

DISTINGUISHED GRADUATES

Charles R. Barney, <i>Inf.</i>	<i>Battle Creek</i>	James C. Krone, <i>Arty</i>	<i>Lansing</i>	Charles D. Robertson, <i>Inf</i>	<i>Midland</i>
Richard B. Doane, <i>QMC</i>	<i>Lansing</i>	Robert J. Lakics, <i>Inf</i>	<i>Ovid</i>	Roy C. Rodd, <i>SigC</i>	<i>Mason</i>
Philip R. Dressler, <i>Arty</i>	<i>Clarendon Hills, Ill.</i>	William S. Lawson, <i>Arty</i>	<i>LaGrange Park, Ill.</i>	Rome D. Smyth, <i>Inf</i>	<i>Racine, Wis.</i>
Gary R. Farrer, <i>QMC</i>	<i>Salt Lake City, U.</i>	David V. McCulloch, <i>Inf</i>	<i>Lansing</i>	Robert B. Spangenberg, <i>Arty</i>	<i>Pittsburgh, Pa.</i>
Max R. Gietzel, <i>SigC</i>	<i>Lansing</i>	James E. Peterson, <i>Ord</i>	<i>Ionia</i>	Lynwood I. Teller, <i>Arty</i>	<i>Romeo</i>
Walter Glanton, Jr., <i>SigC</i>	<i>Detroit</i>	Thaddeus S. Piwowar, <i>Arty</i>	<i>Lansing</i>	Patrick J. Wilson, <i>Inf</i>	<i>Lapeer</i>
Seymour M. Gold, <i>SigC</i>	<i>Detroit</i>	Charles F. Porter, <i>Inf</i>	<i>Lansing</i>	Norman Winger, <i>Armor</i>	<i>Cleveland Heights, O.</i>
James O. Hood, <i>Arty</i>	<i>Ionia</i>	Frederic A. Powell, <i>Armor</i>	<i>Lansing</i>		
John M. Johansen, <i>Armor</i>	<i>Greenville</i>	George W. Prieskorn, <i>Arty</i>	<i>Brighton</i>		

GIFTS

Good will toward Michigan State University continually is being demonstrated in various ways. The many gifts that are received each year, most of them in the form of money, attest to the pleasant relationships that exist between the University and individual citizens and private and public organizations throughout the nation. The following gifts were presented to Michigan State University during the past year.

Denmark Township Agricultural Extension Association of Caro, to be used in the Cooperative Extension Service to continue assistance with the cost of an intensive agricultural extension program in Denmark Township	\$2,250	Niagara Chemical Division of Food Machinery and Chemical Corporation of Middleport, New York, to be used in Botany to test certain fungicides for the control of leaf blights and anthracnose of tomato.....	\$400
Top O'Michigan Rural Electric Company of Boyne City, to be used in Agricultural Engineering in support of the cooperative television program.....	\$384	Tennessee Corporation of College Park, Georgia, to be used in Botany in investigations of the effects of copper and organic fungicides on crops under Michigan conditions	\$700
The Hardy Salt Company of St. Louis, Missouri, to be used in Animal Husbandry to study the effect of adding certain trace minerals to salt for weanling pigs	\$1,000	The Upjohn Company of Kalamazoo, to be used in Botany in studies on the use of Actidione for control of fruit diseases, cedar-apple rust, wetwood of elm, and damping-off of forest tree seedlings.....	\$800
Johnson and Johnson of Chicago, to be used in Dairy in research on milk filtration, comparing different filtering materials, etc.....	\$200	Stauffer Chemical Company of Chauncey, New York, to be used in Botany to determine the dosage response curve for dust formulations of the fungicide Captan for strawberry gray mold, and to evaluate Captan and Vapam soil fungicides for small fruit diseases	\$1,000
Hamilton Farm Bureau, Inc. of Hamilton, to be used in Poultry Husbandry to study factors which affect the occurrence of blood and meat spots and to determine practical means of reducing the incidence of these spots.....	\$500	Olin Mathieson Corporation of Baltimore, Maryland, to be used in Botany to test new spray materials for apple, peach, and cherry diseases.....	\$800
Tennessee Valley Authority of Knoxville, Tennessee, to be used in Soil Science and Agricultural Economics to promote and facilitate methodological research designed to determine economics aspects of fertilizer use in the production of farm crops.....	\$3,000	Monsanto Chemical Company of St. Louis, Missouri, to be used in the Chemistry Department for incidental expenses supporting research in the Department	\$1,000
International Minerals and Chemicals Corporation of Chicago, to be used in Soil Science to study the magnesium status of Michigan soils and to determine the need of various crops for magnesium fertilization	\$3,000	Atomic Energy Commission of Washington, D.C., to be used in Physics and Astronomy to determine the effect of isotopic mass on the thermal properties of separated metallic isotopes.....	\$8,873
Tennessee Valley Authority of Knoxville, Tennessee, to be used in Soil Science to study the behavior of high-alumina nitric phosphates in Michigan soils and to determine the suitability of such phosphates as sources of phosphorus in fertilizers.....	\$4,000	Vestal Laboratories, Inc., of St. Louis, Missouri, to be used in Microbiology and Public Health for identification of an unknown gram negative micro-organism	\$500
Johnson & Johnson of New Brunswick, New Jersey, to be used in the Bureau of Business Research to continue the analysis of data obtained in surveys of supermarket drug merchandising.....	\$400	Abbott Laboratories of North Chicago, Illinois, to be used in Microbiology and Public Health to study the effect of Erythromycine on the course of chronic respiratory disease in chicken.....	\$500
United States Forest Service, to be used in Botany to study causes and control of root rot of seedlings of White Pine.....	\$2,000	Michigan Chemical Corporation of St. Louis, to be used in Microbiology and Public Health to continue studies of the effect of Methyl Bromide on poultry disease agents	\$500
Chemagro Corporation of New York City, to be used in Botany in seed and soil treatment research including testing and basic research.....	\$400	Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in Farm Crops to provide a sugar beet assistantship.....	\$2,300
		Carbide and Carbon Chemicals Company of New York City, to be used in Horticulture to test fungicides and sprays on fruit trees.....	\$500
		American Association for Health, Physical Education, and Recreation of Washington, D. C., to be used in Administrative and Educational Services to cover expenses in connection with the administration of an outdoor education project for the development of leadership training in schools and colleges.....	\$1,000

GIFTS (Continued)

Michigan Press Association, to be used in Journalism to make an attitude study of working newspapermen on Michigan newspapers.....	\$2,500	Carbide & Carbon Chemicals Company of New York City, to be used in Entomology to study fly control on dairy animals, evaluation of space sprays in loose housing, and residual spraying.....	\$500
Carbide and Carbon Chemicals Company of New York City, to be used in Botany and Plant Pathology for seed and soil treatment research.....	\$400	Research Corporation of New York City, to be used in Chemistry to continue research on photochemical thresholds in polyatomic molecules and to study the mechanism of ether cleavage.....	\$4,070
Research Laboratories Division of General Motors Corporation of Detroit, to be used in Physics and Astronomy in an investigation of the structure of metals by means of electron microscopy and electron diffraction	\$2,600	Board of Supervisors of Livingston County, to be used in the Cooperative Extension Service for the employment of an additional County Agent from July 1 to December 31, 1956.....	\$2,500
Tee-Pak Foundation of Chicago, to be used in Forest Products to establish a fellowship for the study of thin packaging film and its effectiveness for various uses	\$1,300	National Cottonseed Products Association, Inc., of Memphis, Tennessee, to be used in Agricultural Chemistry to assist with a study of the compound present in crude cottonseed oil which when fed to laying hens causes a discoloration of the egg contents during storage.....	\$3,000
Michigan Milk Producers Association of Detroit, to be used in Agricultural Economics and Sociology to determine attitudes of and knowledge toward the organization of the Michigan Milk Producers Association by its membership.....	\$5,000	Merck & Company, Inc., of Rahway, New Jersey, to be used in Agricultural Chemistry in swine nutrition research	\$2,000
Niagara Chemical Division of the Food Machinery and Chemical Corporation of Middleport, New York, to be used in Horticulture to study the use of fungicides on sour cherry and apple trees.....	\$1,200	Michigan Bean Shippers Association of Saginaw, to be used in Agricultural Engineering to develop new processes and methods of utilizing beans.....	\$21,000
Southeastern Michigan Florists Club of Belleville, Michigan, to be used in Horticulture and Botany in research on root diseases of greenhouse plants.....	\$250	The Upjohn Company of Kalamazoo, to be used in Animal Husbandry to purchase steers for a nutrition experiment	\$4,000
Michigan Department of Conservation of Lansing, to be used in the Bureau of Business Research to finance a survey of users of Michigan State Parks in the summer of 1956.....	\$1,500	Dairy Industries Supply Association, Inc., of Washington, D.C., to be used in Dairy to finance a special graduate research assistant in Dairy Manufacturers.....	\$1,180
Pittsburgh Plate Glass Company of Moorestown, New Jersey, to be used in Botany in strawberry disease research	\$300	University of Nebraska, to be used in Horticulture to cover partial expenses incurred in evaluating plant production pea accessions.....	\$200
American Cyanamid Company of New York City, to be used in Entomology in fly control research.....	\$500	The Upjohn Company of Kalamazoo, to be used in Horticulture for a study of growth regulatory action of certain compounds.....	\$1,200
Chas. Pfizer & Company, Inc., of Brooklyn, New York, to be used in Animal Pathology to evaluate the efficacy of Terramycin in the treatment of listeriosis and other infectious diseases.....	\$1,500	Michigan State Poultry Improvement Association of East Lansing, to be used in Poultry Husbandry to assist in testing 13 entries in the Third Michigan Broiler Test at the Kellogg Station.....	\$600
Biological Warfare Laboratories of Fort Detrick, Maryland, to be used in Microbiology in the development of a biological active sub-micron method for testing filtration efficiencies of gas masks and canisters	\$16,650	The Upjohn Company of Kalamazoo, to be used in Poultry Husbandry to study the effect of certain hormones on the rate of growth and body composition of poultry.....	\$4,000
Gallowhur Chemical Corporation of Ossining, New York, to be used in Botany to study the effectiveness for apple scab control of Lot 55 Puratized Mercury Spray	\$200	The Tennessee Corporation of College Park, Georgia, to be used in Soil Science to help pay the cost of preparation of 30 color plates to be used in a bulletin on minor elements.....	\$2,000
4-H Club Foundation of Michigan, to be used in the Cooperative Extension Service to finance the salaries of four Urban 4-H Club Agents to be assigned one each to Detroit, Flint, Grand Rapids, and Kalamazoo	\$18,948	Federal Civil Defense Administration, to be used in Political Science in a survey of the various Civil Defense organizations throughout the United States.....	\$8,944
		American Cyanamid Company of New York City, to be used in Entomology in fly control studies.....	\$1,350

GIFTS (Continued)

Michigan Heart Association of Detroit, to be used in Home Management and Child Development to continue the work simplification program for housewives with cardiac diseases.....	\$14,100	American Steel & Wire Division of the United States Steel Corporation of Cleveland, Ohio, to be used in Agricultural Engineering to study rural fence construction	\$1,150
National Science Foundation of Washington, D. C., to be used in immunogenetic studies of position effect in Drosophila Melanogaster.....	\$7,600	Horace B. Farley of Fowler, to be used in Farm Crops to develop improved corn hybrids for Michigan and to continue fundamental studies of corn breeding methods and corn genetics.....	\$388
American Cancer Society, Inc., of New York City, to be used in Zoology for immunogenic and biochemical studies of Drosophila and Neurospora.....	\$960	Public Health Service of the National Institute of Health of Bethesda, Maryland, to be used in Chemistry to study constituents of plants which possess the properties of drugs.....	\$12,351
Atomic Energy Commission of Lemont, Illinois, to be used in Chemistry to study the role of various aliphatic acids in pyrimidine biosynthesis.....	\$5,874	Soil Builders International Corporation of New York City, to be used in Horticulture to evaluate the performance of selected ornamental crops to fertilizer additives as used in certain commercial fertilizers	\$8,000
Atomic Energy Commission of Lemont, Illinois, to be used in Chemistry to determine the stabilities and heats of formation of certain complex compounds of platinum	\$4,250	The National Science Foundation of Washington, D.C., to be used in Natural Science to work with the blood research unit of the Lister Institute for a study of the immunological and genetic properties of human group antigens.....	\$4,000
Atomic Energy Commission of Lemont, Illinois, to be used in Chemistry for a thermodynamic investigation of dilute solutions of the alkali metals in liquid ammonia	\$8,327	American Association for Health, Physical Education, and Recreation of Washington, D.C., to be used in Administrative and Educational Services for expenses in connection with the administration of an outdoor education project for the development of leadership training in schools and colleges.....	\$1,500
Ransom Fidelity Company of Lansing, to be used in History to purchase an Ampex Tape Recorder to be used in connection with the folklore program.....	\$350	National Institutes of Health of Bethesda, Maryland, to be used in Civil Engineering and the Engineering Experiment Station for corrosion studies.....	\$15,000
Ransom Fidelity Company of Lansing, to be used in History to finance a special graduate research assistant in the study of folklore.....	\$1,600	National Institutes of Health of Bethesda, Maryland, to be used in the Engineering Experiment Station in waste treatment studies.....	\$16,100
George Stearns Chemical Corporation of Madison, Wisconsin, to be used in Microbiology and Public Health in a field test using a sanitizing procedure using chloramine T devised in the laboratory last year	\$500	E. I. DuPont DeNemours and Company of Wilmington, Delaware, to be used in the Chemistry Department for a Postgraduate Teaching Assistantship in Chemistry	\$3,623
Johnson and Johnson Company of Chicago, to be used in Microbiology and Public Health to devise a technique for detecting and counting body cells in raw milk	\$600	National Institutes of Health of Bethesda, Maryland, to be used in Sociology and Anthropology to investigate the relationships between the hospital and its community, to identify and describe patterns of relationships between the hospital and various groups and organizations in the community, and to develop criteria for evaluating the effectiveness of relationships between hospitals and their respective communities	\$125,587
Newton Agricultural Extension Association of Marshall, to be used in Cooperative Extension Service to assist in the continued cost of the intensive agricultural extension program being conducted with members of the Association.....	\$2,500	Merck and Company, Inc., of Rahway, New Jersey, to be used in Microbiology and Public Health to continue studies on the mechanism of the discoloration of fresh meats by bacteria.....	\$3,500
Republic Steel Company of Cleveland, Ohio, to be used in Agricultural Engineering to study rural fence construction	\$1,150	National Science Foundation of Washington, D.C., to be used in Agricultural Chemistry to study the biochemistry of natural and synthetic growth substances in higher plants.....	\$11,500
Pioneer Corn Company, Inc., of Tipton, Indiana, to be used in Farm Crops to conduct a study of the effects of variety, location, and cultural practices on corn maturity as measured by dry matter accumulation in grain, moisture content, and heat units.....	\$2,000		
Michigan Certified Hybrid Seed Corn Producers Association of Fairgrove, to be used in Farm Crops to develop improved corn hybrids for Michigan and to continue fundamental studies of corn breeding methods and corn genetics.....	\$8,119		

GIFTS (Continued)

American Poultry and Hatchery Federation, Inc., of Kansas City, Missouri, to be used in Poultry Husbandry in egg marketing research.....	\$2,000	Tennessee Valley Authority, to be used in Soil Science and Agricultural Economics to aid and facilitate methodological research designed to determine economic aspects of fertilizer use in the production of farm crops.....	\$7,000
United States Armed Forces Institute of Madison, Wisconsin, to be used by the Board of Examiners for test construction.....	\$1,800	Michigan Foundation Seed Association of East Lansing, to be used in Soil Science to obtain information on the management of turf grasses for lawns and golf courses.....	\$900
National Institutes of Health of Bethesda, Maryland, to be used in dental caries research.....	\$26,801	Office of Vocational Rehabilitation of the Department of Health, Education, and Welfare of Washington, D.C., to be used in Social Work to employ a staff specialist and three traineeships.....	\$12,262
National Institutes of Health, to be used in Zoology in genetics research.....	\$3,927	National Cancer Institute of Bethesda, Maryland, to be used in Zoology in genetic studies.....	\$10,648
Atomic Energy Commission of Lemont, Illinois, to be used in Chemistry in physico-chemical investigation of the interhalogen compounds.....	\$11,277	National Institutes of Health of Bethesda, Maryland, to be used in Microbiology and Public Health for studies on the isolation of enteric viruses from sewage	\$12,775
National Institutes of Health, to be used in Chemistry in toxicity studies on cadmium and hexavalent chromium in concentrations that may be expected in public water supplies.....	\$11,040	The Carbide and Carbon Chemicals Company of New York City, to be used in Microbiology and Public Health to continue studies on the use of sorbic acid as a selective agent in cucumber fermentations.....	\$2,500
National Institutes of Health, to be used in Chemistry for research on the conversion of carbon dioxide to methyl groups in photosynthesis.....	\$8,970	National Restaurant Association, to be used by the School of Hotel, Restaurant, and Institutional Management for the establishment of a laboratory on the campus for the testing of food service equipment and associated activities.....	\$10,000
George W. Perkins of New York City, to be used in History to arrange and index the papers of George W. Perkins and assist in research for a biography of George Perkins.....	\$2,000	National Science Foundation of Washington, D.C., to be used in Natural Science to defray expenses of a conference of 20 high school and 10 university biology teachers at East Lansing for the purpose of writing a Secondary School Source Book for Biology Laboratories	\$37,000
Parke, Davis and Company of Detroit, to be used in Chemistry to support the research program in the department	\$300	Shell Chemical Corporation of Denver, Colorado, to be used in Botany to determine the effectiveness of defoliant chemicals in drying of beans in the field shortly before harvesting.....	\$600
Public Health Service of Bethesda, Maryland, to be used in Botany to support certain aspects of the work on the nature of drug action on cell division.....	\$10,005	Office of Ordnance Research of the United States Army, to be used in Mathematics to study the behaviour of certain antenna radiation from a mathematical viewpoint to determine this behaviour in a form suitable for engineers.....	\$7,120
Michigan Safety and Job Training Committee of Ubyly, to be used in Agricultural Engineering to carry on an in-service safety and job training program	\$6,100	National Science Foundation of Washington, D.C., to be used in Physics and Astronomy to study the interactions of lattice vibrations with nuclei, electrons and holes.....	\$21,000
Corn States Hybrid Service of Des Moines, Iowa, to be used in Agricultural Engineering and Farm Crops to study the field application of electrostatic dusting principles	\$1,500	Michigan Artificial Breeders Cooperative of East Lansing, to be used in Agricultural Chemistry and Veterinary Pathology in a study of reproductive disorders of livestock, especially cattle.....	\$13,162
Midwest Barley Improvement Association of Milwaukee, Wisconsin to be used in Farm Crops in testing barley varieties in the Thumb area and the effect of different fertilizers upon the yield and malting quality of these varieties.....	\$400	The Upjohn Company of Kalamazoo, to be used in Microbiology to study the anthelmintic effectiveness of Parvex and other compounds in selected farm animals	\$175
Michigan Seed Dealers Association of Wayland, to be used in Farm Crops to study seed production in forage grasses and legumes.....	\$500		
Federal Civil Defense Administration of Battle Creek, to be used in Political Science for a survey of the various civil defense organizations throughout the United States	\$500		
United Community Chest and Council, to be used in Social Work to support a fellowship.....	\$800		

GIFTS (Continued)

Merck, Sharp & Dohme, Inc., of Philadelphia, to be used in Surgery and Medicine to investigate all phases of Mastitis with particular reference to control and prevention.....	\$2,500	National Science Foundation of Washington, D.C., to be used in Botany to study metabolic and morpho-genetic relationships and light-induced growth in fungi	\$12,500
American Hotel Institute, to be used in the School of Hotel, Restaurant, and Institution Administration, covering the moving of this operation to the Michigan State University campus and paying the salaries of operating personnel employes by it, and one-half of the salary of a University staff member.....	\$5,000	Copper and Brass Research Association of New York City, to be used in Chemistry to study the corrosion of copper piping under operating conditions similar to those at Michigan State University.....	\$17,000
National Plant Food Institute of Washington, D.C., to be used in Agricultural Economics and Soil Science to determine economic optima in fertilizing selected crops under selected conditions and under varying prices	\$2,500	Lederle Laboratories Division of the American Cyanamid Company of Pearl River, New York, to be used in Surgery and Medicine for bovine mastitis research	\$2,500
Stran-Steel Corporation of Ecorse, to be used in Agricultural Engineering in a study of ventilation in un-insulated structures for housing livestock.....	\$2,000	Michigan Crop Improvement Association of East Lansing, to be used in Farm Crops in the development of disease resistant varieties of field beans for use in the Michigan field bean industry.....	\$9,713
Upjohn Company of Kalamazoo, to be used in Animal Husbandry to test the effect of certain hormones on fattening cattle.....	\$4,000	Bristol-Myers Products Division of New York City, to be used in Forest Products in basic studies on cap liner delamination and liner pull-out.....	\$1,100
Headquarters Quartermaster Research and Development Command of Natick, Massachusetts, to be used in Animal Husbandry to study the effects of length and temperature of storage on precooked gamma irradiated meat products from the standpoint of controlling spoilage and maintaining acceptability.....	\$19,720	Pan American Seeds, Inc. of Paonia, Colorado, to be used in Horticulture to employ a geneticist to continue and expand the work on color inheritance of petunias	\$5,200
Modern Packaging Corporation of New York City, to be used in Forest Products to establish an annual research assistantship in the field of packaging technology	\$2,000	Mink Farmers' Research Foundation, Inc. of Milwaukee, Wisconsin, to be used in Poultry Husbandry to test effects of dietary fat levels upon the breeding, whelping, and lactation performance of mink.....	\$3,000
The Climax Molybdenum Company of New York City, to be used in Soil Science to determine the role of molybdenum in plant growth and the need of crops for molybdenum when grown on Michigan soils	\$1,500	Socony Mobil Oil Company, Inc., of Paulsboro, New Jersey, to be used in Chemistry for a graduate student majoring in analytical chemistry.....	\$3,000
United States Armed Forces Institute of Madison, Wisconsin, to be used by the Board of Examiners for test construction.....	\$1,800	Petroleum Research Fund of the American Chemical Society of Washington, D.C., to be used in Chemistry for fellowships for graduate students in organic chemistry	\$5,400
National Science Foundation of Washington, D.C., to be used in Botany to continue studies on sulfur metabolism	\$29,000	Michigan Agricultural Conference of Lansing, to be used at Radio Station WKAR for expense of broadcast lines, travel, maintenance, and other items incurred in broadcasting out-of-town athletic contests.....	\$7,000
United States Atomic Energy Commission of Lemont, Illinois, to be used in Botany to continue studies of irradiation effects upon developing plant embryos	\$7,000	The Upjohn Company of Kalamazoo, to be used in Animal Husbandry for lamb nutrition experiments.....	\$600
The Upjohn Company of Kalamazoo, to be used in Anatomy to support a project covering the development of a bibliographic index and a photographic exposition of the histologic anatomy of the rat	\$2,400	Michigan State Poultry Improvement Association of East Lansing, to be used in Poultry Husbandry to assist in the testing of 12 entries in the Fourth Michigan Broiler Test at the Kellogg Farm.....	\$600
Educational Television and Radio Center of Ann Arbor, to be used in Television Development to study the impact of non-partisan educational and paid political television broadcasts in a general election	\$4,000	Stauffer Chemical Company of New York City, to be used in Entomology in fruit investigation research.....	\$300
		The Dow Chemical Company of Midland, to be used in Microbiology and Public Health to secure laboratory evaluation of certain sanitizing agents for use in the food and dairy industry.....	\$500
		United States Armed Forces Institute of Madison, Wisconsin, to be used by the Board of Examiners in test construction work.....	\$600

GIFTS (Continued)

Michigan Artificial Breeders Association of East Lansing, to be used in Physiology and Pharmacology for studies on hormonal levels regulating breeding cycles and sperm production.....	\$2,000	U. S. Atomic Energy Commission, Chicago Operations Office, Lemont, Illinois, to be used in Horticulture to continue studies on The Absorption and Utilization of Radioactive Minerals Applied to the Leaves of Plants.....	\$24,900
Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in Agricultural Engineering to continue the cooperative project on sugar beet mechanization	\$3,000	White Laboratories, Inc., Kenilworth, New Jersey, to be used in the Chemistry Department for a fellowship	\$2,800
Michigan Department of Conservation, to be used in the Bureau of Business Research to continue a survey of users of Michigan State Parks.....	\$500	The Dow Chemical Company, Midland, to be used in Animal Husbandry to study the protective qualities of the Dow Chemical Company's plastic coating for frozen meat	\$2,500
The Citizenship Clearing House of New York City, to be used in Political Science for developing a citizenship education program.....	\$7,530	International Minerals and Chemical Corporation, Chicago, Illinois, to be used in Soil Science to continue studies on the magnesium status of Michigan soils and to determine the needs of various crops for magnesium fertilization.....	\$3,000
American Dairy Association of Chicago, to be used in Dairy to study enzymatically altered casein fractions in relation to the characteristics and quality of processed dairy products.....	\$5,600	Linde Air Products Company, New York, to be used in Soil Science to continue studies on the comparison of carbide lime with calcium limestone as a liming material for the production of alfalfa and other crops	\$1,000
Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in Farm Crops to support sugar beet breeding research.....	\$3,000	Carnegie Corporation, New York, to be used in Political Science for research on University Overseas Projects	\$12,000
National Pickle Packers Association of Saginaw, to be used in Horticulture to support a graduate research assistantship to work on effect of plant nutrient and cultural practices on yield and quality of pickling cucumbers.....	\$2,500	Federal Civil Defense Administration, Battle Creek, to be used in Political Science to conduct research into Civil Defense organization in the United States	\$5,000
Outboard Boating Club of America of Washington, D.C., to be used as a graduate fellowship to be known as The Outboard Boating Club of America Fellowship	\$2,000	Outboard Boating Club of America through the National Educational Association, Washington, D.C., to be used in Administrative and Educational Services	\$1,000
The General Foods Fund, Inc., of New York City, to be used in Home Economics to establish two fellowships for graduate study in home economics.....	\$7,000	National Science Foundation, Washington, 25, D.C., to be used in the College of Science and Arts to provide additional instruction in Physical Science and Mathematics to in-service high school teachers, summer session 1957.....	\$50,600
The Renaud Foundation of Lansing, to be used in Chemistry for a fellowship in organic chemistry.....	\$2,500	Fund for Adult Education, White Plains, New York, to be used in the College of Science and Arts to develop a liberal arts program for adults in Michigan	\$15,000
American Viscose Corporation of Philadelphia, to be used in Chemistry for a fellowship for some outstanding graduate student on an intermediate level in the field of chemistry.....	\$2,029	National Institutes of Health, Bethesda, Maryland, to be used in Botany and Plant Pathology to study the relationship between metabolism and morphogenesis in aquatic fungi.....	\$20,186
Chas. Pfizer and Company, Inc., New York, to be used in Poultry Husbandry to study the effect of high levels of terramycin to control early kit mortality in mink and perform experiments on high levels of terramycin turkey poult feeding and high levels of penicillin in conjunction with those of terramycin	\$2,500	U. S. Army Quartermaster Research and Development Center, Natick, Massachusetts, to be used in Botany and Plant Pathology and Farm Crops to study incidence of rot and rate of periden in formation at levels of ionizing radiation inhibiting sprout development	\$15,808
National Apple Institute, Washington, D.C., to be used in Horticulture to continue studies to determine the chemical composition of fresh apples from samples of prominent varieties grown in different parts of the United States under known conditions.....	\$1,850	R. M. Kellogg Company of Three Rivers, to be used in Botany and Plant Pathology to study the effects of virus types on Michigan strawberry varieties, as to runner production and yields.....	\$135
Michigan Foundation Seed Association, Inc., of East Lansing, to be used in Horticulture to continue studies in breeding flowers.....	\$433		

GIFTS (Continued)

National Science Foundation, Washington, D.C., to be used in Electrical Engineering to provide for fundamental and theoretical research on dynamic networks, electrical circuits in which the elements move mechanically with respect to each other, in an attempt to develop a systematic method of electromechanical system analysis.....	\$12,900	Educational Television and Radio Center in Ann Arbor, to be used in Communication Arts in a study of the effects of instructional television on attitudes and learning	\$3,600
Charles Zollar, Benton Harbor, to be used in Botany and Plant Pathology to study the effects of virus types on Michigan strawberry varieties as to runner production and yields.....	\$458	Office of Vocational Rehabilitation of the Department of Health, Education, and Welfare of Washington, D.C., to be used in Administrative and Educational Services for pension retirement and social security for Dr. Miller.....	\$484
National Institutes of Health, Bethesda, Maryland, to be used in Zoology to: (1) localize esterase activity; (2) classify esterases; (3) ascertain esterase activity quantitatively in specimens of <i>Tetrahymena geleii</i>	\$2,300	Research Corporation of New York City, to be used in Chemistry for research on the mechanism of autoxidation inhibition	\$3,500
National Institutes of Health, Bethesda, Maryland, to be used in Zoology to study the mechanisms of initiation of cell division in the frog egg, with special reference to biochemical and cytological correlation	\$12,361	Anonymous donor, to be used in the Department of Psychology in the field of research in creativity.....	\$25,000
U.S. Air Force Office of Scientific Research, Washington, D.C., to be used in Physics and Astronomy to study the properties of low lying nuclear energy levels	\$16,903	National Science Foundation of Washington, D.C., to be used in Psychology for research on perceptual-motor learning	\$10,000
Office of Ordnance Research, Durham, North Carolina, to be used in Statistics for basic research in multivariate analysis, and in particular, a study of multivariate tests with a priori information and non-parametric multivariate analysis.....	\$9,310	George A. Ramlose of Boston, Massachusetts, to be used in the Division of Business and Economics on materials handling research.....	\$5,000
Department of Health, Education, and Welfare, Bethesda, Maryland, to be used in Microbiology and Public Health to be applied to the 1956-57 grant	\$3,188	E. I. duPont de Nemours and Company of Wilmington, Delaware, to be used in the Chemistry Department to support the DuPont Postgraduate Teaching Assistantship	\$3,623
American Cyanamid Company, Pearl River, New York, to be used in Microbiology and Public Health to ascertain the efficacy of aureomycin feeding in the treatment and control of porcine leptospirosis and to determine prophylactic value in preventing transmission of leptospirosis among swine while being fed the antibiotic.....	\$5,752	Michigan Chemical Corporation of St. Louis, to be used in Chemistry to provide a stipend for a graduate student and to pay his fees.....	\$2,400
The Upjohn Company, Kalamazoo, to be used in Surgery and Medicine to evaluate drugs provided by the Upjohn Company in regard to irritation, dosages, and efficacy in treatment of bovine mastitis.....	\$1,000	Board of Supervisors of Manistee County, to be used in the Cooperative Extension Service as a contribution toward the salary of an Assistant County Agricultural Agent to be assigned to Manistee County.....	\$2,500
Tri-Township Agricultural Extension Association of Kalkaska County, to be used in the Cooperative Extension Service to assist in the cost of an intensive agricultural extension program in Boardman, Orange, and Oliver Townships.....	\$425	Educational Television and Radio Center of Ann Arbor, to be used in Agricultural Economics to provide subject matter and to advise on film series in agricultural policy.....	\$2,000
Michigan Brewers' Association of Detroit, to be used in Farm Crops in studies of barley genetics and plant breeding	\$2,500	Agricultural Marketing Service and the Agricultural Research Service of the U.S. Department of Agriculture of Washington, D.C., to be used in Agricultural Economics to determine the problems and costs involved in establishing a farm accounting project on a probability sampling basis.....	\$10,000
Abbott Laboratories of North Chicago, Illinois, to be used in Poultry Husbandry in research in arsenic acid	\$2,000	Nitrogen Division of the Allied Chemical and Dye Corporation of New York City, to be used in Agricultural Engineering to develop a low-cost, farmer-type applicator, metering device for field plot study and a means of applying solution to orchards.....	\$2,000
		Lilly Research Laboratories of Indianapolis, Indiana, to be used in Dairy in a study of the action of antibiotics in the ration of young dairy calves.....	\$2,000
		Hardy Salt Company of St. Louis, Missouri, to be used in Poultry Husbandry to determine the zinc content of feed ingredients and body tissues, egg shell quality, and hatchability and fertility by incubation	\$1,000

GIFTS (Continued)

Michigan Press Service, Inc., of Lansing, to be used in the Bureau of Business Research to make available market facts on each of Michigan's counties.....	\$150	Office of Ordnance Research of Durham, North Carolina, to be used in Physics and Astronomy to investigate magnetic resonance at low temperatures, properties of liquid, helium, and electrical conductivity at low temperatures.....	\$13,200
National Restaurant Association of Chicago, to be used in Hotel, Restaurant, and Institutional Management in the operation of the Public Food Service Laboratory at Brody Hall.....	\$2,500	Drs. Hess & Clark, Inc., of Ashland, Ohio, to be used in Microbiology and Public Health to study the effect of furazolidone on Salmonella infections in chickens	\$800
Emlong Nurseries, Inc., of Stevensville, to be used in Botany to study the effects of virus types on Michigan strawberry varieties as to runner production and yields	\$150	Nitrogen Division of the Allied Chemical and Dye Corporation of New York City, to be used in Agricultural Chemistry in a study of non-protein nitrogen for ruminants.....	\$2,000
The Upjohn Company of Kalamazoo, to be used in Botany to pay for labor and materials needed to evaluate derivatives of actidione in the systematic control of loose smut of wheat and barley.....	\$500	Grants as follows to be used in Agricultural Engineering to support the cooperative television program:	
American Cyanamid Company of New York City, to be used in Entomology in a study of direct application of malathion to animals.....	\$200	Western Michigan Electric Cooperative, Scottville.....	\$191
National Science Foundation of Washington, D.C., to be used in Chemistry to support research entitled, "Abstraction of Hydrogens from Alicyclic Compounds"	\$10,100	Tri-County Electric Cooperative, Portland.....	\$408
National Science Foundation of Washington, D.C., to be used in Chemistry in an investigation of thermodynamic and conductance behavior of high-charge type electrolytes in aqueous solution.....	\$24,400	Top O'Michigan Rural Electric, Boyne City.....	\$384
Michigan Chemical Corporation of St. Louis, to be used in Chemistry to provide chemicals and other supplies that would benefit the graduate program of the department.....	\$300	Thumb Electric Cooperative, Uby.....	\$350
Chas. Pfizer & Company, Inc., to be used in Microbiology and Public Health to appraise the efficacy of a new anthelmintic.....	\$1,200	Southeastern Michigan Rural Electric, Adrian.....	\$147
Upjohn Company of Kalamazoo, to be used in Microbiology to continue studies on anthelmintic effectiveness of Parvex and/or other compounds in selected farm animals	\$1,500	Presque Isle Electric Cooperative, Onaway.....	\$363
Drs. Hess & Clark, Inc., of Ashland, Ohio, to be used in Microbiology to investigate diseases of poultry.....	\$526	Oceana Electric Cooperative, Hart.....	\$150
Chas. Pfizer & Company, Inc., of Brooklyn, New York, to be used in Veterinary Pathology to aid in studies on digestive disturbances in baby pigs.....	\$2,000	O & A Electric Cooperative, Newaygo.....	\$292
Hooker Electrochemical Company of Niagara Falls, New York, to be used in Botany in screening a number of new compounds for use in both land and water weed control problems.....	\$12,500	Fruit Belt Electric Cooperative, Cassopolis.....	\$413
Spring Lake Improvement Association of Spring Lake, to be used in Botany to make a survey of the weed problem in Spring Lake as to causes and possible remedial measures	\$4,000	The Detroit Edison Company, Detroit.....	\$3,225
The Upjohn Company of Kalamazoo, to be used in Botany to support a graduate research assistantship in seed treatment and soil treatment fungicides.....	\$500	Consumers Power Company, Jackson.....	\$6,450
		Cloverland Electric Cooperative, Sault Ste. Marie.....	\$162
		Cherryland Rural Electric Cooperative, Traverse City.....	\$181
		Alger Delta Corporation, Gladstone.....	\$113
		The Detroit Edison Company, Detroit, to be used in Agricultural Engineering to support the cooperative radio program "Electricity at Work for You".....	\$563
		Consumers Power Company, Jackson, to be used in Agricultural Engineering to support the cooperative radio program "Electricity at Work for You".....	\$1,125
		Beatrice Foods Company of Chicago, to be used in Agricultural Engineering to determine the effect of a combination of irradiation and heat on preparing sterilized milk	\$3,000
		Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in Farm Crops in sugar beet research	\$2,200
		Michigan Crop Improvement Association of East Lansing, to be used to promote studies in seed improvement work and to assist in conducting the seed certification program in Michigan.....	\$1,600
		National Apple Institute of Washington, D.C., to be used in Horticulture to determine the chemical composition of fresh apples from samples of prominent varieties grown in different parts of the United States under known conditions.....	\$1,850
		National Committee for Education in Family Finance of New York City, to be used in Vocational Education to aid in the establishment of a comprehensive program of teacher-education in family finance for college and local school personnel in Michigan.....	\$12,500

GIFTS (Continued)

Ohio Agricultural Experiment Station of Wooster, Ohio, to be used in Forestry in a study of Christmas tree marketing in Michigan.....	\$400	Sloan-Kettering Institute for Cancer Research of New York City, to be used in Horticulture in a study of environmental conditions required for optimum production of a tumor-inhibiting principle in <i>Calvatia maximum</i>	\$2,000
Shell Chemical Corporation of New York City, to be used in Entomology in research on vegetable insects.....	\$2,000	Tennessee Corporation of College Park, Georgia, to be used in Botany in investigations of the effects of copper and organic fungicides on crops under conditions in Michigan.....	\$700
Air Force Office of Scientific Research of Washington, D.C., to be used in Physics and Astronomy in theoretical research of transport properties of solids.....	\$10,337	Michigan Chemical Corporation of St. Louis, to be used in Entomology in a comparison of nematocidal chemicals	\$750
Carnegie Corporation of New York City, to be used in the Institute of Research on overseas programs.....	\$268,400	Velsicol Chemical Corporation of Chicago, to be used in Entomology in studies on insect control.....	\$1,200
Consumers Power Company of Jackson, to be used in Agricultural Engineering to provide funds for a graduate assistant to work on problems of materials handling on the farm.....	\$2,500	The Squibb Institute for Medical Research of New Brunswick, New Jersey, to be used in Surgery and Medicine to institute basic studies in regard to cause, transmission, and treatment of mycotic mastitis in bovine.....	\$4,000
Naugatuck Chemical Division of the United States Rubber Company of Naugatuck, Connecticut, to be used in Horticulture to evaluate structural analogs and various substituted chemical derivatives with respect to their flower inducing activities in tomato and other selected crops.....	\$3,000	Merck and Company, Inc., of Rahway, New Jersey, to be used in Horticulture in an evaluation of Gibberellic acid in crop production.....	\$1,500
Fund for Adult Education of White Plains, New York, to be used in the College of Science and Arts to develop liberal arts programs for adults in the State of Michigan.....	\$335,000	Chas. Pfizer and Company of Brooklyn, New York, to be used in Horticulture in a study of Gibberellins and their effect on productivity of economic crops.....	\$5,000
Chas. Pfizer & Co. of Brooklyn, New York, to be used in Microbiology and Public Health to repeat appraisal tests of a new anthelmintic.....	\$985	Michigan Agricultural Lime Distributors Association of Casanovia, to be used in Soil Science in lime research work	\$500
Northern Sash and Door Jobbers Association of Chicago, to be used in Continuing Education to develop a millwork correspondence course.....	\$5,500	Michigan Agricultural Limestone Association, to be used in in Soil Science in lime research work.....	\$1,000
Board of Supervisors of Livingston County, to be used in the Cooperative Extension Service for the continued employment of an additional County Extension Agent in Livingston County for 1957.....	\$7,000	Federal Civil Defense Administration of Battle Creek, to be used in Political Science to complete the present project	\$5,000
Research Division of the American Cyanamid Company of Pearl River, New York, to be used in Agricultural Chemistry in swine nutrition research.....	\$2,000	Almont Agricultural Extension Association of Almont, to be used in the Cooperative Extension Service to continue assistance in the cost of an intensive agricultural extension program with the farmers of Almont Township of Lapeer County.....	\$1,900
Michigan Association of Silo Manufacturers of Oxford, to be used in Agricultural Engineering in an investigation of silage feeding facilities.....	\$400	Tri-Township Agricultural Extension Association of Kalkaska County, to be used in the Cooperative Extension Service to assist in the cost of an intensive agricultural extension program in Boardman, Orange, and Oliver Townships.....	\$125
Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in Agricultural Engineering, Botany, Farm Crops, and Soil Science in studies of sugar beet mechanization.....	\$70,000	General Foods Corporation of Hoboken, New Jersey, to be used in Forest Products in support of a research phase of the packaging program.....	\$2,100
Northern Ohio Sugar Company of Denver, Colorado, to be used in Farm Crops in a study of improvement of sugar beet varieties.....	\$500	Nitrogen Division of Allied Chemical and Dye Corporation of New York City, to be used in Forestry to investigate methods of improving the quality of Christmas tree plantations by application of fertilizers and soil amendments.....	\$3,500
National Association of Educational Broadcasters of Urbana, Illinois, to be used in Administrative and Educational Services to determine which matched group of controlled situation students will utilize material presented primarily by sight, sound, and in regular classroom presentation.....	\$215	National Institute of Dental Research, to be used in Zoology to support research on dental caries.....	\$46,426

GIFTS (Continued)

Michigan State Florists Association of East Lansing, to be used in Horticulture to explore marketing and promotional techniques in the field of floriculture.....	\$2,220	California Spray-Chemical Corporation of Richmond, California, to be used in Botany to continue field studies on the effect of analogs of Captan on small fruit disease control, yields, and host response.....	\$300
Michigan State Poultry Improvement Association of East Lansing, to be used in Poultry Husbandry to assist in the testing of 8 entries in the Fifth Michigan Broiler Test at the Kellogg Farm.....	\$400	Stauffer Chemical Company of Chauncey, New York, to be used in Botany in an investigation of Captan as a fungicide on grape, strawberry, and raspberry disease control	\$1,000
The Upjohn Company of Kalamazoo, to be used in Poultry Husbandry in a study of the effect of certain hormones on the rate of growth and body composition of poultry.....	\$600	Union Carbide & Carbon Corporation of New York City, to be used in Botany in a study of the influence of Glyodin on grape disease control and quality.....	\$500
United States Air Force of San Antonio, Texas, to be used in Evaluation Services in a study of the relationships between perceptual tests and job performance	\$22,187	Research Corporation of New York City, to be used in Chemistry to provide a fellowship for a student in the field of organic chemistry.....	\$4,800
Inland Daily Press Association of Chicago, to be used in the Communications Research Center in a study of newspaper advertising income.....	\$500	The Ford Foundation of New York City, to be used by the Consultant to the President to explore the possibility of establishing a Michigan State University mission in Pakistan to aid that country in getting a training program started for local government personnel	\$51,000
College Entrance Examination Board of New York City, to be used in the Bureau of Educational Research to develop the principles underlying the sequential item test.....	\$600	The Board of Trustees of the Kresge Foundation, to provide a building to be known as "The Kresge Art Center"	\$1,500,000
Foundry Educational Foundation of Cleveland, Ohio, to be used in Mechanical Engineering for travel and miscellaneous expenses incurred in connection with Foundry activities at this University.....	\$500	Professor James G. Hays, to be added to the Jimmie Hays Memorial Student Loan Fund.....	\$11,067
Monsanto Chemical Company of St. Louis, Missouri, to be used in Botany for soil treatment research including testing and basic research.....	\$500	International Harvester Company of Saginaw, to be used in Soil Science, gift of a #64 combine valued at	\$1,000
The Upjohn Company of Kalamazoo, to be used in Chemistry to support a fellowship for a graduate student in organic chemistry.....	\$2,000	J. A. Richards Company of Kalamazoo, to be used in Forest Products in the packaging laboratory, gift of a Bridger, an Atlas Cutter, and three special mandrels for Bender, valued at.....	\$200
Michigan State Board of Alcoholism of Lansing, to be used in Sociology and Anthropology to complete a study of social organization, values, and attitudes regarding drinking and non-drinking among high school students	\$500	City Panhellenic of Lansing-East Lansing, to provide financial assistance during the spring quarter for four students	\$300
The Upjohn Company of Kalamazoo, to be used in Physiology and Pharmacology to study the hormonal induction of estrus in anestrus and lactating ewes.....	\$500	Foundry Educational Foundation of Cleveland, Ohio, to continue the Foundry Educational Foundation Scholarships for spring quarter 1956.....	\$1,350
Bard-O-Matic of Detroit, to be used in Microbiology to study microbial decomposition of garbage.....	\$350	Carlson Memorial Foundation of Detroit, to provide assistance for a new student for 1956-57.....	\$1,000
Clinton Foods, Inc., of Clinton, Iowa, to be used in Poultry Husbandry to study the value of corn fermentation solubles in poultry feeds.....	\$3,000	Michigan Association of Home Builders of Lansing, to continue the Junior Award Scholarship for 1956-57.....	\$200
Ringwood Chemical Corporation of Ringwood, Illinois, to be used in Botany in seed and soil treatment research	\$200	Estate of LaVerne Noyes of Chicago, to continue the LaVerne Noyes Scholarships for students who are descendants of World War I Veterans.....	\$800
The Biddle Purchasing Company of New York City, to establish a scholarship to recognize and encourage outstanding students who are seeking careers in the lumber and building materials merchandising field	\$500	Foundry Educational Foundation of Cleveland, Ohio, to continue the Foundry Educational Foundation Scholarship for a student during spring quarter 1956	\$150
		Exchange Club of Southbridge, Massachusetts, to establish an award for a freshman student for this year	\$300

GIFTS (Continued)

Universal Oil Products Company of Des Plaines, Illinois, to establish a scholarship program for students majoring in chemical engineering for 1956-57.....	\$1,000	Frank H. Prescott of Austinburg, Ohio, the income to be credited to the Friends of the Library, grant of 50 shares of General Motors stock valued at.....	\$2,400
Howard Johnson, Inc., of Miami, Florida, to be made available to students in Restaurant Management.....	\$1,000	The General Motors Corporation of Detroit, to establish the General Motors Scholarship in Metallurgical Engineering	\$600
Faculty Folk Club, to continue the previously established Faculty Folk-Faculty Women's Club Scholarship to aid needy and deserving women students for the fall term.....	\$306	Mrs. Edith Dilley of Grand Canyon, Arizona, to establish the Marion Lowe Hemans Loan Fund for needy students	\$125
The Upjohn Company of Kalamazoo, to be used in Chemistry to support a fellowship under which a talented graduate student will be enabled to continue his education by participating in fundamental investigation in organic chemistry.....	\$2,000	Wayne County Home Demonstration Council of Northville to continue the Emma DuBord Scholarship.....	\$200
American Viscose Corporation of Philadelphia, to be used in Chemistry to support a fellowship to some outstanding graduate students on an intermediate level in the field of chemistry.....	\$2,029	Union Carbide and Carbon Corporation of New York City, to continue the scholarship in Electrical Engineering	\$304
State of Michigan, to be used in 4-H Clubs for premiums for the 4-H Crops and Egg Show held in conjunction with the 1956 Farmers' Week program.....	\$304	Womens National Farm and Garden Association of Detroit, to be used in 4-H Clubs as a contribution toward the expenses for five Michigan delegates to participate in the 1956 International Farm Youth Exchange program	\$2,702
Grants as follows to be used in Forest Products to purchase new equipment for instruction and research work in the packaging laboratory:		J. Elliott Colling of Midland, to be used in 4-H Clubs as a contribution toward the expenses for five Michigan delegates to participate in the 1956 International Farm Youth Exchange program.....	\$450
Continental Can Company, Inc. of New York City.....	\$1,000	Federal Cartridge Corporation of St. Paul, Minnesota, to be used in 4-H Clubs as a contribution toward the expense of operation of Camp Shaw at Chatham.....	\$600
Reynolds Metals Company of Louisville, Kentucky.....	\$5,000	Monsanto Chemical Company of St. Louis, Missouri, to be used to support a fellowship for an outstanding student in Chemistry, preferably in his last year of the doctorate program.....	\$2,179
Socony Mobil Oil Company, Inc., of New York City	\$500	Allstate Foundation of Chicago, to be used in Continuing Education Service for Scholarships for participants in the Driver Education Teacher training program	\$2,500
Owens-Illinois Glass Container Division of Toledo, Ohio	\$1,500	Asher House Fund, Inc., of Detroit, to continue the Asher House Foundation grants for spring term 1956	\$350
Marathon Foundation of Menasha, Wisconsin.....	\$1,000	Pick Hotels Corporation of Chicago, to be awarded to a Hotel Management student.....	\$400
The Hoerner Foundation of Keokuk, Iowa.....	\$500	The Presser Foundation of Philadelphia, to continue the scholarship in Music.....	\$350
Commonwealth Edison Company of Chicago, to be used in Electrical Engineering for the standards laboratory, gift of equipment valued at.....	\$3,715	R. C. Mahon Foundation of Detroit, to continue two \$500 scholarships for undergraduates in Engineering.....	\$1,000
Union Carbide and Carbon Corporation of New York City, to establish a scholarship in Mechanical Engineering for a student entering his senior year in industrial engineering curriculum.....	\$629	William Riker Johnson Post #205 of East Lansing, to continue their scholarship for an entering student from the East Lansing High School.....	\$151
Socony Mobil Oil Company, Inc. of New York City, to establish a scholarship to be known as the Socony Mobil Scholarship in Exploration Sciences.....	\$829	Michigan League for Nursing of Lansing, to provide educational grants for three student nurses.....	\$300
The Udylite Corporation, Detroit Steel Products Company, and Wolverine Tube, all of Detroit, to be used in the Bureau of Research and Service as scholarships for teachers and counselors in the Cooperative Counselor Training program.....	\$600	Mu Phi Epsilon Music Sorority Patroness Group of East Lansing, to be used to establish a scholarship for worthy music students.....	\$377
Parents of students of 1955, to be used to furnish the guest room in the Library.....	\$4,238		
National 4-H Club Foundation of America, Inc., of Silver Springs, Maryland, to be used in 4-H Clubs as a contribution toward the expenses for five Michigan delegates to participate in the 1956 International Farm Youth Exchange program.....	\$500		

GIFTS (Continued)

Usen Canning Company of Boston, Massachusetts, to be added to the Grocery Manufacturers' Scholarship for 1956-57.....\$1,000

The Pure Oil Company of Toledo, Ohio, to provide a scholarship prize to the winner of the state finals in the Teen-Age Road-e-o conducted by the Michigan Junior Chamber of Commerce.....\$500

George Higgins Foundation of Ferndale, to provide a scholarship grant for a student.....\$330

Sperry and Hutchinson Company of New York City, to be added to the Grocery Manufacturers' Scholarship for the year 1956-57.....\$1,000

Gerber Products Company of Fremont, to be added to the Grocery Manufacturers' Scholarship for 1956-57.....\$1,000

Illinois Lumber & Material Dealers Association of Springfield, Illinois, to be used to establish a scholarship for students enrolled in the lumber and building materials merchandising course.....\$500

Haskins & Sells Foundation, Inc., of New York City, to be used to establish a scholarship program to stimulate higher academic achievement on the part of students majoring in accounting and to encourage promising students to major in this field.....\$500

Grants as follows to be used to support the 4-H Conservation Camp at Camp Shaw on June 25-30, 1956:

Michigan Bell Telephone Company of Detroit.....\$3,150

Michigan Independent Telephone Company of Lansing.....\$250

Michigan Bell Telephone Company of Detroit, to be used in 4-H Clubs to provide two trips to the 1956 Club Congress.....\$150

Socony Mobil Oil Company, J. L. Hudson Company, Michigan Bell Telephone Company, Sams, Inc., Woodall Industries, Inc., S. S. Kresge Company, National Bank of Detroit, and the Detroit Edison Company, to be used in the Bureau of Research and Service for \$100 scholarships to participants in the cooperative counselor training program.....\$2,200

Relm Foundation of Ann Arbor, to be used to continue educational work in citizenship training to be used in connection with the work of the Michigan Institute of Local Government.....\$3,000

Dow Chemical Company, to be used in Agricultural Engineering, gift of 4,600 board feet of styrafoam valued at.....\$500

J. L. Hudson Company of Detroit, for the University art collection, gift of two paintings — "Barns and Bulls" by John S. deMartelly, and "The Forest" by Arnold Blanch, valued at.....\$500

Victory Metal Manufacturing Corporation of Plymouth Meeting, Pennsylvania, for the Kellogg Center kitchen, gift of 1 Vimco Model FS-90 Freezer, 80 sets dough retarder tracts, and 4 deluxe pullout shelves, valued at.....\$3,150

Argus Camera, Inc. of Ann Arbor, to be used in the Audio-Visual Center, gift of 2 Argus cameras Model C-3 complete with flash attachment and 1 Argus camera Model #75 with flash attachment, valued at.....\$159

Various donors, gifts for the University Museum, valued at.....\$3,092

Grants as follows for the Grocery Manufacturers' Scholarship:

Reynolds Metals Company of Richmond, Virginia.....\$1,000

Hussmann Refrigeration, Inc., of St. Louis, Missouri.....\$1,000

Leaver Brothers Company of New York City.....\$1,000

Erwin, Wasey & Company, Ltd., of Los Angeles, California.....\$1,000

Chain Store Age of New York City.....\$1,000

Thomas J. Kipton Foundation, Inc., of Hoboken, New Jersey.....\$1,000

Nebraska Consolidated Mills Company of Omaha.....\$1,000

Kraft Foods Company of Chicago.....\$1,000

Star Kist Foods, Inc., of Terminal Island, California.....\$1,000

Charmin Paper Mills, Inc., of Green Bay, Wisconsin.....\$1,000

Pet Milk Company of St. Louis, Missouri.....\$1,000

Speedee Checkout Systems, Inc., of Grand Rapids.....\$1,000

The Illinois Canning Company of Hoopston, Illinois.....\$1,000

Ready to Bake Foods of Los Angeles, California.....\$1,000

Pillsbury Mills, Inc., of Minneapolis.....\$1,000

Ellis L. Philips Foundation of New York City, to provide a scholarship for a student from India.....\$3,200

Westinghouse Educational Foundation of Pittsburgh, Pennsylvania, to provide an achievement scholarship in electrical engineering for 1956-57.....\$500

J. W. Knapp Company of Lansing, for the J. W. Knapp Retailing and Home Economics Scholarships for 1955-56.....\$404

Square D Company of Detroit, to continue the scholarships for Engineering students for 1956-57.....\$850

Air Force Aid Society Educational Fund of Washington, D.C., to provide a "General Henry H. Arnold Educational Fund" scholarship for a student in the fall 1956.....\$600

The Sears-Roebuck Foundation of Chicago, to continue the scholarships in the College of Agriculture for 1956-57.....\$2,284

The Michigan Inter-Industry Highway Safety Committee to be used in the Highway Traffic Safety Center to provide scholarships covering tuition and subsistence of teachers attending the 3-week advanced driver education teachers workshops and for incidental expenses of the workshop.....\$5,000

Mrs. Ellen E. Fox, to be used for the William R. Brown Educational Foundation Scholarships.....\$22,500

Sears-Roebuck Foundation of Chicago, to be used to continue the scholarships for three freshmen women in Home Economics for 1956-57.....\$600

Ford Foundation of New York City, to be used in General Business to provide a predoctoral fellowship.....\$2,049

GIFTS (Continued)

Ford Foundation of New York City, to be used in the Labor and Industrial Relations Center to provide the salary for a fellowship.....	\$3,779	Jewel Tea Company, Inc., of Chicago, to provide prizes for three students who worked for the Jewel Food Stores in their college recruiting program during the summer of 1956.....	\$600
Michigan Association of School Boards of East Lansing, to be used in Administrative and Educational Services	\$3,650	The Food Fair Stores Foundation of Philadelphia, to be added to the Grocery Manufacturers' Scholarship fund	\$2,000
Office of Vocational Rehabilitation of the Department of Health, Education, and Welfare of Washington, D.C., to be used in Administrative and Educational Services for scholarships and personnel in rehabilitation counseling	\$39,190	Grocery Manufacturers, to be added to their scholarship fund	\$1,000
Archer-Daniels-Midland Company of Minneapolis, to be used in Chemistry to support a graduate student in the field of organic chemistry.....	\$2,000	Joseph Shane of Pasadena, California, to be added to the Grocery Manufacturer's Scholarship fund.....	\$1,000
Office of Armed Forces Information and Education of the Department of Defense of Washington, D.C., to be used in Television Development to record on kinescope a series of programs for a course in American history	\$30,000	N. W. Townsent of Cleveland, Ohio, to be added to the Grocery Manufacturer's Scholarship fund.....	\$1,000
Parke, Davis and Company of Detroit, to be used in Chemistry to support a fellowship for an outstanding graduate in the field of organic chemistry.....	\$1,825	Food Fair Super Markets of Washington, D.C., to be added to the Grocery Manufacturer's Scholarship fund	\$1,001
Grants as follows to be credited to the Marion Lowe Hemans Loan Fund:		Ford Motor Company of Dearborn, to be used in the colleges of Education and Business and Public Service to finance scholarships to participants in the Workshop on Economic Education.....	\$1,500
Emilie F. Kufeld.....	\$261	Michigan Consumer Finance Association of Lansing, to be used in the colleges of Education and Business and Public Service to finance scholarships to participants in the Workshop on Economic Education.....	\$200
Harris E. Hemans.....	\$139	Class of 1956, to be used to furnish the second floor student lounge at the west end of the Library.....	\$1,850
Board of Home Missions of the American Missionary Association of New York City, to provide a grant for a graduate student.....	\$300	Friends of C. A. Rosenbrook, to establish a full one-year tuition scholarship to be known as "The C. A. Rosenbrook Scholarship" for a student who is a resident of the State of Michigan in business administration, preferably concentrating in the field of purchasing	\$1,805
Charles E. Culpepper Foundation, Inc., of New York City, for a student for the 1956-57 year.....	\$429	Friends of Harry J. Eustace of Midland, to establish the Harry J. Eustace Scholarship for students in Horticulture who show special interest in the marketing of horticultural products	\$1,175
City of Brockton, Massachusetts, to provide a special grant for a student.....	\$200	George M. Pullman Educational Foundation of Chicago, to be used for scholarship purposes.....	\$360
LaVerne Noyes Estate of Chicago, for the LaVerne Noyes Scholarship.....	\$800	Tiscornia Foundation of St. Joseph, to be used for scholarship purposes	\$250
Charles and Helen Smillie Foundation, for a student in the Industrial Engineering option.....	\$500	Michigan Dairy Memorial and Scholarship Foundation of East Lansing, to provide scholarships for students in Dairy	\$612
Fellow employees of Eugene Burch, class of 1953, to be used to establish a "Eugene Burch Scholarship Loan Fund" from which loans are to be made to undergraduate students in the College of Engineering who are in temporary financial need.....	\$150	International Peace Scholarship of Greencastle, Indiana, to be used for scholarship purposes.....	\$525
J. W. Knapp Company Charitable Trust of Lansing, to continue scholarships for retailing.....	\$408	Michigan Home Demonstration Council of Gaylord, for women students entering the College of Home Economics	\$800
Duncan Hines of Bowling Green, Kentucky, to continue the previously established scholarship.....	\$500	Farm Bureau Services, Inc., of Lansing, to be used for 10 men enrolled in the Elevator and Farm Supply Short Course	\$1,000
Dow Corning Electrical Insulation Corporation of Midland, to establish the Dow Corning Electrical Insulation Scholarship for 1956-57.....	\$600		
The Kroger Company of Cincinnati, to cover the cost of six established scholarships.....	\$1,200		

GIFTS (Continued)

Central Trust Company of Lansing, to provide for the Hinman Scholarships for 1956-57	\$30,000	Hamady Brothers, Inc., to provide a prize for a student as a result of competition for Dairy Queen of Genesee County	\$200
Council of Southern Universities, Inc., of Durham, North Carolina, to be used for scholarship purposes.....	\$143	Saginaw Alumni Club, to provide funds for the Dutch Miller scholarship for 1956-57.....	\$300
National Merit Scholarship Corporation of Evanston, Illinois, to be used for scholarship purposes.....	\$225	Kelvinator Management Club, for the winner of the Kelvinator Management Club's fifth annual scholarship essay contest	\$200
The Grand Lodge of Free and Accepted Masons of Flint, to be used for scholarship purposes.....	\$500	American Legion of Detroit, to be added to the Guy M. Wilson Scholarship.....	\$200
Plym Foundation of Niles, to be used for scholarship purposes	\$200	The Prophet Company of Detroit, to establish 2 or more scholarships in Hotel, Restaurant, and Institutional Management	\$1,000
General Electric Educational and Charitable Fund of New York City, to provide funds for the previously established scholarship in Engineering for the spring term 1956	\$250	Whirlpool Foundation of St. Joseph, to continue 5 tuition scholarships known as the "Whirlpool-Seeger Corporation Engineering Scholarships".....	\$1,000
Albert H. Case of Charlottesville, Virginia, to be added to the Albert Vaughan Case Memorial Scholarship fund, a gift of 1000 shares of South American Gold and Platinum Corporation stock		Elks National Foundation Emergency Educational Fund Scholarship of Boston, Massachusetts, to be used for scholarship purposes.....	\$500
Asher House Fund, Inc., of Detroit, to continue financial assistance for a student living in Asher House.....	\$200	Gratiot County Bankers Association, for students in the Young Farmers General Agriculture Short Course	\$200
South Haven Kiwanis Club of South Haven, to be used for scholarship purposes.....	\$200	For the Grocery Manufacturer's Scholarship Fund:	
Olga C. Bullis and Della Bartlett of Newaygo, to be used for scholarship purposes.....	\$834	Safeway Stores, Inc. of Washington, D.C.....	\$1,834
George M. Pullman Educational Foundation of Chicago, to be used for scholarship purposes.....	\$300	Kimberly Clark Corporation of Chicago.....	\$1,000
Alumni of Genesee County, to be used for scholarship purposes	\$167	Michigan Feed and Grain Association of East Lansing, to be used for the Elevator and Farm Supply Short Course	\$200
Maxwell Jospey Foundation of Detroit, to be used for scholarship purposes.....	\$750	For the Grocery Manufacturers' Scholarship for 1957-58, as follows:	
Winn-Dixie Stores of Jacksonville, Florida, to be used for scholarship purposes	\$1,467	LaChoy Food Products.....	\$1,500
The American Cancer Society of Sturgis, to be used for scholarship purposes.....	\$350	General Foods Corporation.....	\$1,500
George Osborn, of Sault Ste. Marie, to be used for scholarship purposes	\$250	Michigan Department of Agriculture, to be used in 4-H Clubs for premiums and expenses for the 1956 State 4-H Show.....	\$25,000
Kent County Women Alumni of Grand Rapids, to be used for scholarship purposes.....	\$164	Mrs. Alfred G. Wilson of Detroit, to be used in Continuing Education for the Christmas Adventure in World Understanding program.....	\$500
DeWitt's Zeeland Hatchery, Inc., to be used for scholarship purposes	\$300	Gladys Olds Anderson of Lansing, to be used in Continuing Education for the Christmas Adventure in World Understanding program.....	\$600
Detroit Edison Company of Detroit, to be used for scholarship purposes	\$1,308	Grants as follows for scholarship purposes:	
Tom Johnson Scholarship Award of East Lansing, to provide scholarships for members of the MSU Veteran's Association	\$150	Elks National Foundation Emergency Educational Fund of Boston.....	\$450
American Society for Metals of Cleveland, to provide a scholarship in metallurgy for 1956-57.....	\$400	Inkster Federation of Teachers of Inkster.....	\$250
		Xi Beta Sigma Chapter of Phi Beta Sigma of Inkster.....	\$250
		Chicago Restaurant Association of Chicago.....	\$400
		Michigan United Conservation Clubs of Grand Rapids, to provide tuition for a student while he attends the Biological Station summer school at Gull Lake in 1957.....	\$200

GIFTS (Continued)

Foundry Educational Foundation of Cleveland, Ohio, to provide scholarship assistance in Foundry Education for fall term 1956.....	\$900	First Federal Savings and Loan Association of Mobile, Alabama, to provide financial assistance for a student	\$500
Albert H. and Sarah A. Case of Charlottesville, Virginia, to be added to the previous gift.....	\$50,000	Faculty and alumnae of the College of Home Economics and friends of Dean Marie Dye, to establish the Marie Dye Fellowship.....	\$6,000
Niles Federal Savings and Loan Association of Berrien Springs, to aid two students enrolled in the General Agriculture Short Course for Young Farmers	\$200	The Mott Foundation Program of Flint, to be used in Teacher Education for an award to a doctoral candidate to do research and follow-up work in the field of adult education.....	\$4,500
Wisconsin Public Service Corporation of Green Bay, Wisconsin, to aid a student enrolled in the General Agriculture Short Course for Young Farmers.....	\$240	Daniel S. Updegraff, Class of 1907, to be used as a loan fund to be known as "The May E. Updegraff Student Loan Fund" to be used and expended to assist worthy financially needy students.....	\$25,000
Central Soya Foundation Trust of Fort Wayne, Indiana, to aid four students enrolled in the Elevator and Farm Supply Short Course.....	\$400	The Detroit Edison Company of Detroit, to be used in Continuing Education as a contribution toward the Christmas Adventure in World Understanding Program	\$500
Independent Slaughterers of Detroit, for a 4-H Club award to the winner of the meat animal scholarship at the Junior Livestock Show.....	\$500	Mrs. Matilda R. Wilson, of Rochester, Michigan, a gift of two thousand shares of common stock of Clark Equipment Company, valued at approximately....	\$117,000
Friends of C. A. Rosenbrook, to be credited to the C. A. Rosenbrook Scholarship Fund.....	\$325	Thomas A. Johnson of East Lansing, to be credited to the Thomas Johnson Scholarship for members of the MSU Veterans Club.....	\$150
The International Nickel Company, Inc., of New York City, to establish an undergraduate scholarship in Engineering with preference to mining, geology, and metallurgy.....	\$1,229	Foundry Educational Foundation, Cleveland, Ohio, to be added to the Foundry Educational Foundation Scholarship	\$600
Friends of Henry Bliss, to be used for the establishment of the "Henry Bliss Loan Fund".....	\$1,265	The George M. Pullman Educational Foundation of Chicago, to aid a student.....	\$125
United States Rubber Company of New York City, to be used in 4-H Clubs to provide facilities for conducting 4-H Club and adult recreation programs.....	\$150	The Grand Lodge of Free and Accepted Masons, Flint, to aid a student	\$282
American Society for Metals Foundation for Education and Research of Philadelphia, to continue the scholarship in metallurgical engineering for the academic year 1957-58.....	\$400	Zonta Club of Lansing, to provide aid for two student nurses for fall term.....	\$200
Sarah Van Hoosen Jones, a gift of approximately 300 acres of valuable land in Oakland County near Rochester		Asher House of Detroit, to continue financial assistance for a student living in Asher House.....	\$240
Dairy Industries Supply Association, Inc. of Washington, D.C., for a student in Dairy.....	\$1,130	Grants as follows for scholarship purposes:	
Bates & Rogers Foundation of Chicago, to establish a scholarship in Civil Engineering.....	\$800	The Nestle Company, Inc., of White Plains, New York	\$1,500
General Motors Corporation of Detroit, to continue the General Motors College Scholarships for 1956-57	\$7,000	The Hopp Press of Washington, D.C.....	\$1,500
Various donors, gifts for the University Museum, valued at	\$3,166	Philip W. Wilhelm, of Alexandria Bay, New York, 100 shares of Eastman Kodak Company common stock, the income to be used as a scholarship for a male student	
University Alumni of Genesee County, Flint, to aid a student	\$167	Lansing Motor Carriers of Lansing, to establish an annual scholarship in the field of transportation for a junior or senior student, preferably from the Lansing area	\$1,100
Gamma Iota Lambda Chapter of Alpha Phi Alpha of Brooklyn, New York, to provide a grant for a student	\$350	National Committee on Boys and Girls Club work, Chicago, to be used in 4-H Clubs to cover the expenses of 20 delegates to 1956 National Club Congress	\$1,730

GIFTS (Continued)

Fiddes-Moore Mobile Home of Fort Wayne, Indiana, to establish a scholarship for students enrolled in the mobile homes major.....	\$500	The Caulkins Foundation of Detroit, to be credited to the Caulkins Foundation Scholarship Fund to aid students in Short Courses.....	\$5,000
National Committee on Boys and Girls Club Work, Chicago, to be used in 4-H Clubs to cover expenses of 4-H Fun Festival Acts from Hillsdale and Jackson Counties to participate at 1956 National Club Congress	\$692	Michigan Feed and Grain Association of East Lansing, to aid two students in the Elevator and Farm Supply Short Course	\$200
New York Central Railroad, Buffalo, New York, to be used in 4-H Clubs to pay expenses of two agents to attend the 1956 National Club Congress.....	\$150	Michigan Dairy Memorial and Scholarship Foundation, to provide scholarships for students for winter term 1957	\$476
Michigan Association of Mutual Insurance Companies, Lansing, to be used in 4-H Clubs to cover one sponsored trip to 1956 National Club Congress, for one \$50 U.S. Savings Bond, and for one \$25 U.S. Savings Bond.....	\$150	The Greenfield-Mills Restaurant Company of Detroit, to be credited to the Greenfield-Mills scholarship fund	\$500
Colgate Palmolive Company, New York, to be used in 4-H Clubs to cover expenses for dairy sanitation demonstration to Waterloo Dairy Cattle Congress; dishwashing demonstration to New York City; and individual awards to members giving demonstrations in the field of dishwashing and dairy sanitation.....	\$500	Michigan Inter-Industry Highway Safety Committee of East Lansing, to be used in Police Administration to provide financial aid for unusual travel and living expenses entailed in the field training assignments of the Highway Traffic Administration program	\$500
Republic Steel Corporation, Cleveland, Ohio, to be used in 4-H Clubs for merchandise awards to boys excelling in 4-H handicraft program.....	\$131	Automobile Club of Michigan of Detroit, to be used in Continuing Education for police training program scholarships	\$4,000
Michigan Swine Breeders Association, East Lansing, to be used in 4-H Clubs for the 4-H Swine Achievement Scholarship and a trip to 1956 Club Congress in Swine Achievement.....	\$175	Michigan Bell Telephone Company of Detroit, to be used in Continuing Education as a contribution toward the Christmas Adventure in World Understanding Program	\$400
National Committee on Boys and Girls Club Work, Chicago, to be used in 4-H Clubs to cover cost of 1957 4-H Tractor Schools and in payment of Tractor Plowing and Operators Contest at 1956 State 4-H Show.....	\$2,395	Forest H. Akers, household articles valued at.....	\$1,600
National Committee on Boys and Girls Club Work, Chicago, to be used in 4-H Clubs to cover 15 awards of \$20 each to the 4-H Clubs in the state in the 4-H Recreation Program.....	\$300	Farm Bureau Services, Inc., of Lansing, to aid 10 young men in the Elevator and Farm Supply Short Course during winter term 1957.....	\$1,000
Institution for Economic Education, Inc., Detroit, to be used in the College of Business and Public Service and the College of Education to finance scholarships to participants in the Workshop on Economic Education	\$2,500	Michigan Farm Equipment Association of Grand Rapids, to aid students in the Farm Equipment Service and Sales Short Course.....	\$150
Grants as follows to be used in Continuing Education for the Christmas Adventure in World Understanding Program:		Following grants to provide aid for individual students:	
Great Lakes Steel Corporation, Detroit.....	\$250	Lambda Omega Chapter of Alpha Kappa Alpha Sorority of Newport News, Virginia.....	\$300
Danforth Foundation, St. Louis, Missouri.....	\$1,000	The Southbridge Exchange Club of Southbridge, Massachusetts	\$150
Ford Motor Company, Dearborn.....	\$250	George N. Higgins Foundation of Ferndale.....	\$110
Burrroughs Foundation, Detroit.....	\$400	Tiscornia Foundation, Inc., of St. Joseph.....	\$250
Consumers Power Company, Lansing.....	\$500	Board of Home Missions of New York City.....	\$300
Ferry-Morse Seed Company of Detroit, to be used in 4-H Clubs to help finance the expenses of 4-H vegetable garden members' trip to the National Junior Vegetable Growers Association Convention in Atlanta, Georgia.....	\$250	Safeway Stores, Inc., of Washington, D.C., to be added to the Grocery Manufacturer's scholarship.....	\$1,333
		The American Legion of Detroit, to be credited to the Guy M. Wilson scholarship fund.....	\$200
		Estate of LaVerne Noyes, to be credited to the LaVerne Noyes Scholarship fund.....	\$538
		Borden Company Foundation, Inc., of New York City, to continue the Home Economics scholarship awards in the amount of \$300 annually for five years.....	\$1,500
		Talbert Abrams of Lansing, to be added to the Ralph H. Young Scholarship Fund.....	\$1,000

GIFTS (Continued)

Horwath and Horwath of Chicago, \$100 to be added to the Paul Simon Memorial Fund and \$100 to be used as a cash award to an outstanding student in hotel accounting.....	\$200
Ralph R. Calder of Detroit, to be used for scholarship purposes	\$5,000
Jones & McKnight Foundation of Chicago, to establish a scholarship for young men majoring in engineering	\$500
Paramount Coffee Company of Lansing, to establish a scholarship for an entering student in the field of physical sciences	\$1,200
The Sears-Roebuck Foundation of Chicago, to be used in 4-H Clubs to finance tour and trip awards, the State 4-H Council, and Junior Leadership School	\$11,775
National Committee on Boys and Girls Club Work in Chicago, to be used in 4-H Clubs to finance the expenses of two 4-H delegates and chaperon to attend the 4-H Grain Marketing Clinic in Chicago	\$165
Chrysler Corporation of Detroit, to be used in Continuing Education as a contribution toward the Christmas Adventure in World Understanding program	\$250
Alfred G. Dietze, to be used in the Psychology Department to make psychological reading material more readily available to graduate students and faculty, a gift of 542 issues of psychological journals valued at	\$813
LaVerne Noyes Estate, a gift of the following shares of stock:	
Goodyear Tire and Rubber Company.....	8 shares
Standard Oil of New Jersey	16 shares
Standard Oil of California	8 shares
Texas Company	16 shares
U.S. Steel	8 shares
National Dairy Products.....	8 shares
National Merit Scholarship Corporation of Evanston, Illinois, to provide the second half of a National Merit Scholarship for a student.....	\$225
Newspaper Distributors Association of Chicago, to provide financial assistance for a student for 1956-57.....	\$500
Asher Student Foundation, Inc., of Detroit, to provide assistance for three students living in Asher House for winter term.....	\$760
Anonymous donor, 600 shares of Lansing Stamping Company common stock to be used to assist in setting up the display on Ichthyology in the Museum	
Chesapeake and Ohio Railway Company of Cleveland, a tentative gift of a steam locomotive	
Aermotor Company of Chicago, 56 shares of various stock valued at	\$2,850

Grants as follows to be used for scholarship purposes:	
Foundry Educational Foundation of Cleveland.....	\$1,500
Edward C. Hough and Mary Hough Kimble Foundation of Plymouth.....	\$1,000
The Ratner Foundation of Cleveland.....	\$325
Fred A. Simonsen of Detroit.....	\$1,000
Howard Johnson's Ice Cream Shoppes of Miami, Florida	\$1,000
The Dow Chemical Company of Midland, to continue scholarships in Chemical Engineering and Mechanical Engineering and to provide for a new grant in Metallurgical Engineering	\$5,500
Railoc Company, Inc., of Plainfield, Illinois, to be used in Agricultural Engineering, a gift of a Scru-feeder and silage bunk valued at.....	\$316
Consumers Power Company of Jackson, to continue the previously established Consumers Power Company Scholarships	\$5,500
Homelite Company of Port Chester, New York, to continue the Homelite Scholarship for a student in Forestry	\$250
C. A. Conklin Truck Line, Inc., of Toledo, Ohio, to continue the J. L. Keeshin Scholarship for an entering student from the area served by the Conklin Truck Lines, Inc.	\$500
Stone Container Corporation of Chicago, to continue the scholarship for students enrolled in packaging technology	\$500
Michigan Asphalt Paving Association of Lansing, to continue the Dan Humphries Scholarship for students enrolled in Civil Engineering.....	\$500
Employees and directors of the Michigan Farm Bureau and Dr. Frederick C. Swartz, to establish the Mr. and Mrs. Clark L. Brody Scholarship Fund.....	\$232
Manistee County Alumni Club, to establish the George W. Stege Memorial Scholarship to be awarded to a qualified student from one of Manistee County's high schools for the year 1957-58.....	\$201
Various donors in the lumber and building industry, to be used for loans for needy students in the residential building and lumber and building materials merchandising curricula	\$682
General Foods Corporation of White Plains, New York, to be used for 4-H Club awards in the food preparation program for 1956.....	\$200
J. R. Watkins Company of Winona, Minnesota, to be used for 4-H Club awards to the outstanding boy and girl in 1957.....	\$200
Asher House Fund, Inc., of Detroit, to provide scholarships for students from Asher House.....	\$775
The American Legion of Detroit, to continue the Guy M. Wilson scholarships for spring term 1957.....	\$133

GIFTS (Continued)

The Lincoln Telephone and Telegraph Company of Lincoln, Nebraska, to be used in Continuing Education to develop engineer management programs for telephone engineers\$1,774

Various donors, gifts for the Alumni Memorial Chapel\$73

Estate of Justin T. Wight, 4,326.75 shares (value undetermined) preferred stock of the Qualitee Dairy Products Association, and checks totaling.....\$891

Sears Roebuck Foundation of Chicago, to be used in 4-H Clubs to provide a luncheon and awards for A. G. Kettunen\$248

Michigan Sugar Company of Saginaw, to be used in 4-H Clubs to cover expenses for the out-of-state 4-H premier sugar beet tour.....\$875

The 4-H Club Foundation of East Lansing, to be used in 4-H Clubs to pay the expenses of the first 4-H Club Leadermete\$4,500

Various donors, gifts to be used for scholarship purposes\$2,579

Grants as follows, to be used in 4-H Clubs to pay a share of expenses involved in the IFYE program for 1957:

The 4-H Club Foundation of East Lansing.....\$3,600

St. Clair County 4-H Clubs.....\$450

Mecosta County 4-H Clubs.....\$450

Isabella County 4-H Clubs.....\$450

Berrien County 4-H Clubs.....\$450

Ingham County 4-H Clubs.....\$450

Kent County 4-H Clubs.....\$450

VanBuren County 4-H Clubs.....\$450

Smithsonian Institute of Art of Washington, D.C., for display in the Natural History Museum at the University, gift of a large oil painting, "The Golden Hour" by George Elmer Browne, valued at.....\$1,000

Various donors, miscellaneous gifts to the University.....\$1,505

Universal Oil Products Company of DesPlaines, Illinois, to continue their scholarships for upper classmen in Chemical Engineering for 1957-58.....\$1,000

Genesee County Alumni Association, to aid a student enrolled during spring term 1957.....\$167

United Cerebral Palsy of New York City, to be used in Administrative and Educational Services to conduct a workshop for counselors working in the area of and with the cerebral palsied.....\$3,000

Young Adults of the Presbyterian Church, Synod of Michigan, of Detroit, to be used in Continuing Education as a contribution for the program in Adventures in World Understanding\$133

Armour and Company, to be used in Animal Husbandry to test the effect of feeding two levels of hormones, gift of 70 feeder lambs valued at.....\$1,000

Various donors, gifts to be used in Agricultural Engineering in support of the cooperative radio program "Electricity at Work for You".....\$660

Sears-Roebuck Foundation of Chicago, to be used in Landscape Architecture and Urban Planning as a cost-of-education grant\$1,000

Chet Huntley of New York City, to be used in the College of Communication Arts to purchase significant books for and otherwise provide assistance and encouragement to outstanding students.....\$1,000

F. B. Davis, Jr. of Yamassee, South Carolina, to be used in Animal Husbandry to purchase breeding stock in the Bray's Island Angus sale.....\$5,000

Chas. Pfizer and Company, Inc. of Terre Haute, Indiana, to be used in Zoology in a study of dental caries, a grant of penicillin and terramycin

Various donors, grants to be used in Continuing Education for the Christmas Adventure in World Understanding Program\$575

VISITORS ARE WELCOME

ALUMNI MEMORIAL CHAPEL

The Alumni Memorial Chapel was erected in memory of over 400 boys who left this campus to serve in the armed forces of America and who paid the supreme sacrifice.

The funds were provided by gifts from alumni and friends of Michigan State University.

The chapel is available for weddings as well as for other services which may appropriately be held in such a shrine. There are accommodations for approximately 200 persons.

The building is located on Auditorium Road and will be open all day to visitors.

UNIVERSITY MUSEUM

The Museum, located next to Beaumont Tower is open to visitors on weekdays from 8:00 to 5:00 P.M. and on Saturdays and Sundays from 1:00 to 5:00 P.M. On display are exhibits of animals, plants, historical items of the farm and home, fabrics and ornaments of primitive man, and examples of fine workmanship in arts and crafts. Attention of the public is directed especially to the exhibits of Michigan fishes, birds, deer, beaver, bear and other animals in natural habitat groups, the Richey collection of ceramics bearing a corn motif, breeds of poultry, the Chamberlain collection of antique watches, porcelain figurines and the Lee collection of Chinese embroidered textiles. Materials preserved by the Museum for both display and study are obtained largely through the generosity of alumni and friends.

Visitors are cordially welcomed. A member of the staff is always on duty to answer questions or to direct you to exhibits of special interest.

HORTICULTURAL GARDENS

The Horticultural Gardens, east of the Horticulture Building and the greenhouses, will be open all day to visitors.

ART EXHIBITIONS

An exhibition of work by students in the Department of Art is on display in the Art Room on third floor of the Student Union from 8 A. M. to 9 P. M. The examples constitute a selection of the best work done during the past year in ceramics, sculpture, drawing, painting, design, industrial design and print making. Visitors are cordially welcomed. There is no charge.

WKAR-AM, WKAR-FM, AND WKAR-TV

WKAR-AM and WKAR-FM, the University Radio Stations, with studios above the main entrance to the Auditorium, and the WKAR-TV Studios, 600 Kalamazoo St. (formerly Quonset Cafeteria), will be open today to visitors after 10:00 A.M.

THE UNIVERSITY FARMS

The University Farms are located on the south side of the Red Cedar River. By driving south on Farm Lane, the road running north and south past the University Auditorium, many of the farm buildings can be seen. Attention of the visitors is called especially to the University Dairy Barn, the Experimental Cattle Barn, the Pavilion, the Agricultural Engineering Building, the Research Greenhouses, and the University Poultry Unit.

At the corner of Shaw and Farm Lanes, west of the Agricultural Engineering Building is the new \$4,000,000 Animal Industries Building. It houses the dairy, animal husbandry, and poultry departments.

BEAL GARFIELD BOTANIC GARDEN

In the Beal Garfield Botanic Garden are between two and three thousand botanical plants. The Garden is open to visitors any time.