SUNDAY, JUNE EIGHTH

NINETEEN HUNDRED AND FIFTY-EIGHT

# Michigan State University



# Annual Commencement

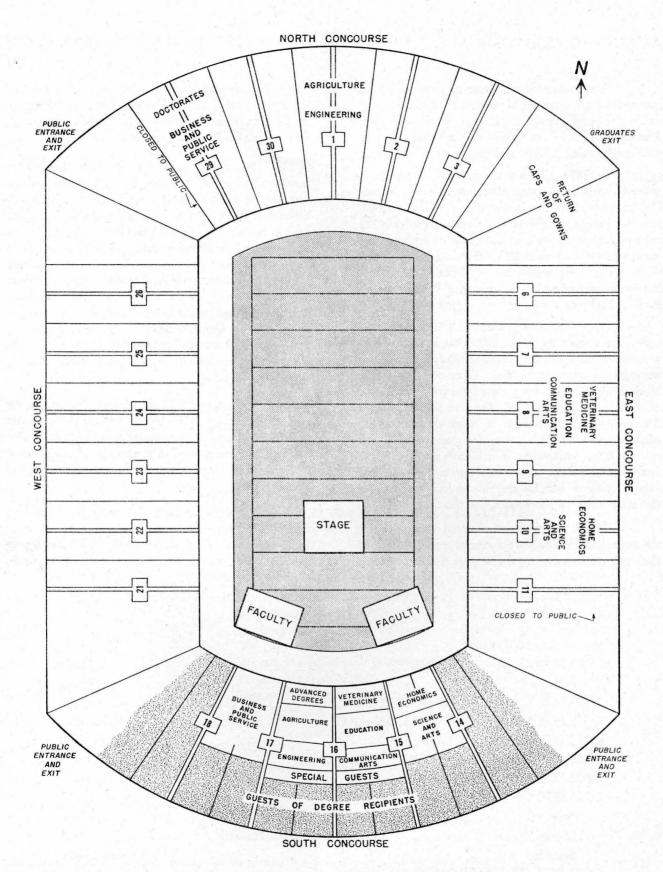
SPARTAN STADIUM

EAST LANSING

# Michigan State University



# Annual Commencement



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

# ORDER OF CEREMONIES

#### PROCESSIONAL

. . .

POMP AND CIRCUMSTANCE Elgar MICHIGAN STATE UNIVERSITY BAND—PROFESSOR LEONARD FALCONE, Director

#### AMERICA

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 MOST REVEREND JOSEPH H. ALBERS, D.D., J.C.D. Bishop of Lansing

#### ADDRESS:

THE HONORABLE ADLAI E. STEVENSON, J.D., L.H.D.

#### CONFERRING OF DEGREES

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

# ALMA MATER

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.

.....Traynor

#### BENEDICTION

THE MOST REVEREND BISHOP ALBERS

#### RECESSIONAL

#### UNIVERSITY 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 CONNOR D. SMITH, Chairman	Pinconning
The Honorable Clark L. Brody	Lansing
The Honorable C. Allen Harlan	Detroit
The Honorable Arthur K. Rouse	Boyne City
The Honorable Don Stevens	Grand Rapids
The Honorable Jan B. Vanderploeg	North Muskegon

THE HONORABLE LYNN M. BARTLETT, Ex Officio	Lansing
JOHN A. HANNAH, Ex Officio, President	East Lansing
KARL H. McDonel, Secretary	East Lansing
PHILIP J. MAY, 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 103rd 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 1956-57 year, the Continuing Education Service conducted 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 insitution.

# THE UNITED NATIONS FLAGS

The 84 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. ABGENTINA 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. FEDERATION OF MALAYA 28. FINLAND 29. FRANCE 30. GHANA 31. GREECE 32. GUATEMALA 33. HAITI 34. HONDURAS **35. HUNGARY** 36. ICELAND 37. INDIA 38. INDONESIA **39. IRAN** 40. IRAO 41. IRELAND 42. UNITED NATIONS

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. ISRAEL 44. ITALY 45. JAPAN 46. JORDAN 47. LAOS 48. LEBANON 49. LIBERIA 50. LIBYA 51. LUXEMBOURG 52. MEXICO 53. MOROCCO 54. NEPAL 55. NETHERLANDS 56. NEW ZEALAND 57. NICARAGUA 58. NORWAY 59. PAKISTAN 60. PANAMA **61. PARAGUAY** 62. PERU **63. PHILIPPINES** 64. POLAND **65. PORTUGAL** 66. RUMANIA 67. SAUDI ARABIA 68. SPAIN 69. SUDAN 70. SWEDEN 71. SYRIA 72. THAILAND 73. TUNISIA 74. TURKEY 75. UKRAINIAN SOVIET SOCIALIST REPUBLIC 76. UNION OF SOUTH AFRICA 77. UNION OF SOVIET SOCIALIST REPUBLICS 78. UNITED KINGDOM 79. UNITED ARAB REPUBLIC 80. UNITED STATES OF AMERICA 81. URUGUAY 82. VENEZUELA **83. YEMEN**

84. YUGOSLAVIA

# 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, fossil life, minerals, 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 and the Horticultural Greenhouses, south and east of the Horticulture Building and the Plant Science Greenhouses on South Farm Lane, 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

Plant collections in the Beal-Garfield Botanic Garden number approximately four thousand species arranged in economic, systematic and ecological sections. The garden is open to visitors any time.

# 1958 CLASS ROSTER

This includes the names of candidates for degrees from June through August, 1958.

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

DEGREE OF BACHELOR OF SCIENCE	-Agricultural Economics			
Donald S. ConkeyCasevilleRaymond James CookHowellJoseph Edward CossetteBranchLawrence Eugene FooteMt. PleasantJohn GallagherMarshallJames Ernest GleasonWhitmore Lake	*James Henry Gleason Jay Robert Habecker Clyde Hampton, Jr. Reade Jennings Kates James Harrison Kidder Richard Allen Peckens	Three Rivers Lancaster, Pa. Cassopolis Mt. Pleasant Lansing Cohactah	David Earl Randall †Donald Jay Ricks †Bruce Spink Peter Diehl Stid John Dolby Webb, Jr. William Zona	Reed City Mears Ravenaa Mason Hale Lehighton, Pa.
DEGREE OF BACHELOR OF SCIENCE	–Agricultural Extension			
Thomas Jackson Banfield Elmira, N.Y. *Melvin Severy Gomulinski Detroit	Ivan M. Lappin Eugene Victor Marx	Kalamazoo New York, N.Y.	Matthew Joseph Mauer Phillip Noel Miller	Kalamazoo Toledo, O.
DEGREE OF BACHELOR OF SCIENCE	– Agricultural Mechanics			
Gordon Elmer DeGolier Brocton, N.Y.	Marshall Norgaard	Manchester	Eli Lester Ober	Ephrata, Pa.
DEGREE OF BACHELOR OF SCIENCE	–Animal Husbandry			
*Quentin Winston Bosworth Arthur Byron Butterfield Carolyn Carter David Douglas Cunningham Ft. Wayne, Ind. Robert Francis Fish Jon Kay Fry Marlette	*Robert Burdette Griffith James Harvey Hall Freeman Ray Hayes Robert Lee Leverette Irvin Levine Arnold Stephen Milkelb W	Grass Lake Bedford, Ind. Caro Camden, N.J.	Jose Eduardo Palomo Santa J Arthur Louis Schaldenbr Richard Herman Stuecke	Farmington
DEGREE OF BACHELOR OF SCIENCE	–Dairy Manufacture			
Richard H. Carlson Cresskill, N. J. Howard Hugh Driggs, Jr. Palmyra	Forrest Larsen Kelsey	Grand Ledge	David Myron McLauchl	in Detroit
DEGREE OF BACHELOR OF SCIENCE	–Dairy Production			
John William Addington Portland Felix Adolfo Chiriboga Quito, Ecuador	*Gordon Lee Hayward *Donald Eugene Keyser	South Boardman Clio	William Lewis Oswalt John Buel Tallman	Vicksburg Grand Ledge
DEGREE OF BACHELOR OF SCIENCE	–Farm Crops			minera del 2010 Constante a la constante del
L. J. Leach Climax †Koert Henry Lessman Cass City	*Russell K. Olsen M	At. Vernon, N.Y.	†Gordon Richard Pabst	Marlette
DEGREE OF BACHELOR OF SCIENCE	–Fisheries and Wildlife			
Richard John Aulerich John Jerome BlackWhittemore Hershey, Pa.*David Perry Borgeson Jack Walter BoyerMuskegon Muskegon*Hugh Fleming CliffordKane, Pa.	James Allen Dodge David Willis Hodgman Patrick David Karns *Richard John Mackie James Morgan Meehan	Lansing Coldwater Traverse City Kingsford Buffalo, N.Y.	*Robert Mitchell Stokes Robert Frederick Weiss *Eugene Brummer Welch	Ramsey, Ill. Flint Bunker Hill, <b>Ill</b> .
*With Honor				

\*With Honor †With High Honor

# COLLEGE OF AGRICULTURE (Continued)

#### DEGREE OF BACHELOR OF SCIENCE-Food Technology

\*Donald James Graham LeRoy, N.Y. Richard Cox Swanson

Roger John Hommer

Robert Edward Hunter

**Richard J. Hunter** 

East Lansing

#### DEGREE OF BACHELOR OF SCIENCE - Forest Products

\*Brian Laurence Akers Grand Blanc Aldo L. Altobelli W. Sprinfield, Mass. Nelson Ronald Assink Cleveland, O. Rochester **Bob** Oliver Barnes Barton Mever Berman Detroit Flat Rock James Lynn Bodary Charles Edward Bosworth New Hyde Park, N.Y. Michael Joseph Brennan Detroit Roy William Clark East Lansing Christopher Phillip Coniglio, Jr. Oak Lawn, Ill. Ronald Lee Cornell Detroit Robert F. Courtney Fremont, O. †Lawrence W. Crawford, Jr. Jacksonville, Ill. Lawrence Charles Dailey Dearborn James William Daugherty Sidell, Ill. Douglas Harry Dolph Arcadia James Lynn Dunn Lansing \*Charles Burton Elliott Peru, Ill. Bruce Oliver Fast Roscommon Robert Warren Frame Sturgis **Thomas Maurice Gates** East Lansing \*David Lawrence Gerwitz Buffalo, N.Y. Robert James Ginsberg London, Canada Bradford Larrie Gourdie Flint Lansing Charles Robert Grace Elmore Henry Grafton Montrose Stewart Lewis Grill Chicago, Ill. Marion Kenneth Hahn Grand Ledge Richard John Hodgkin Lansing Richard Harry Hoepfinger Kenmore, N.Y.

Martin John Hoerner Grand Ledge Jack Sheldon Hofmeister Unionville

William Leonard Johnston, Jr. Collingswood, N.J. Thomas Pierson Jones Terre Haute, Ind. William Earl Jones Kazmer Carl Kalman Holland Dale Wellington Kidder Burton George Klabunde Kenosha, Wis. Joseph Chester Kowalski Depew, N.Y. Walter Jerome Kozie Detroit Richard Graydon LaBudde Rockford, Ill. Weldon Arthur LaMothe Lake Linden Wayne Orval Larson Elgin, Ill. James Allen Lathrop Haslett †August Robert Lawrence Burgettstown, Pa. **Richard Paul Leslie** Saginaw Salem, Mass. Charles Howard Lewis Gary E. McDonald Lansing Jack M. Manning Fowlerville Robert William Marsh Chicago, Ill. Dean Earl May Charlotte Jerry T. McDevitt Bethany, Ill. St. Charles **Richard Lawrence Milano** John Otto Niggli Sturgis David Lawrence Olsson Cadillac Herbert Barton Pastor Detroit Lowell Harry Peterson Foster City Kenneth Charles Phelps Battle Creek Nicholas J. Pilger Lansing Dean Lester Pitchford Benton Harbor John Frederick Porritt H. Edwin Purchis Lansing

Detroit Robert James Rajewski Essexville Grindstone Alan Markey Reason Birmingham John Paul Reilly Smith Creek Elmwood Park, Ill. Carl Wayne Rietman Zeeland James Kuennen Robertson Midland **James Stewart Ruess** Flint Niles James Milford Ruth Flint Alvin M. Sasanko Monongahela, Pa. Flint Richard Peter Seroka Hamtramck †Russell William Sheathelm, Jr. Lansing Leroy Duane Skriden Coldwater **Ronald Thomas Smith** Grand Rapids Theodore Dale Steele Lansing William Guy Stoner Saginaw Traverse City \*Leroy Neil Stowe Joseph Ryan Sweeney, Jr. Maplewood, N.J. Robert Max Sweitzer Lansing Edmund John Thelen Fowler John Lawrence Thompson Kenmore, N.Y. Robert Eugene VanAuken Holly Jack Dwight Vaughan Lansing Howard John Venema Grand Rapids John B. Wall Buffalo, N.Y. William Louis Wallace Charlevoix Frank H. Wangeman Lansing Thibodaux, La. \*Francis Louis Webre Arnold Augustine Weller Kalamazoo Donald Ralph Wertenberger, Jr. Tuscarawas, O. Raymond Richard Wolownik Lawton Ronald Earl Wood Midland Jimmie Edd Wright Ionia Nicholas Peter Yeanoplos Alto Detroit

# DEGREE OF BACHELOR OF SCIENCE - Forestry

<sup>†</sup> David Andrew Aggerholm	Chicago, Ill.
Albert Otto Anderson, Jr.	
Judd Duane Arnold	Big Rapids
Richard Henry Arps	Detroit
Jerome Walter Best	Mellen, Wis.
*Calvin Frederick Bey	Lachine
*Carl Alfred Christensen, ]	ír.
	Fremont, Wis.
Charles Francis Gibbons	Grand Rapids
Robert James Goodman	Chicago, Ill.
Larry Lee Gross	Canton, O.

Charles Jack Hallenius Gaylord Robert Wayne Hawes Applegate William John Holman St. Clair Shores \*Richard Dwight Hull Trov Richard Kankam Ghana, W. Africa \*James Louis Lukert Tulsa, Okla. Robert Charles Mackinder Hastings Robert Roy Mattson Sault Ste. Marie Walter Richard Merkel Maywood, Ill. Neil Austin Miller Grand Rapids Claude Herbert Orvis Marion

Oseas Porras	Bogota,	Columbia
John Gustavus Rulison	n, Jr.	Lansing
Arthur Marshall Schin	nke	Manistee
Phillip Walter Straub		Plymouth
William Herman Tarr		Glennie
Arthur Joseph Thomas	5	Dearborn
Albert Kwabena Tufu	or	
		W. Africa
*John McGregor Willits	, Jr.	
	Orl	lando, Fla.
Jerry Lee Wilson		Owosso

#### DEGREE OF BACHELOR OF SCIENCE-Horticulture

Timothy Donahue Beard	Pentwater
Paul Begick, Jr.	Bay City
Loren Alfred Boyd	Empire
William Charles Cart	Midland

*Robert Owen Deal	Dowagiac
Paul Russell Diller II	South Bend, Ind.
Charles D. Fariss, Jr.	Bangor
Earl Trudeau Freeman	Drayton Plains

*Richard Franklyn Gertz 7	<b>Fraverse</b> City
Albert Paul Hafner	Ionia
William Ronald Hatton	Livonia
Thomas Raymond Henstock	Dearborn

\*With Honor †With High Honor

# COLLEGE OF AGRICULTURE (Continued)

#### DEGREE OF BACHELOR OF SCIENCE - Horticulture (Continued) \*Robert Paul Heslip Northville \*Roy Albert Mecklenburg Emmet Larry Ridley S. Haven Kenneth Louis Leib Detroit Elk Grove, Ill. Clayton Alvin Salk Rochester \*James William Lone Newberry Roland Arthur Mildner, Jr. Ann Arbor Richard Arthur Schroeder Morton Grove, Ill. Ronald Alexander Malkin \*William Glenn Moser Hartford \*Roger E. Mulholland Windsor, Canada Ypsilanti Judith Lynne Simons Battle Creek Carl William Swanson Frank Adelbert Poleski Rockford Utica DEGREE OF BACHELOR OF SCIENCE - Resource Development Iames Thurlowe Andrus Dearborn **James Melvin Hein** Milwaukee, Wis. Richard Edwards Hellgus Roval Oak Robert E. Gresham Congerville, Ill. DEGREE OF BACHELOR OF SCIENCE-Soil Science Samuel Lewis Cummings, Wellston, O. Stephen George Shetron \*Lewis Albert Stanersen Ioliet. Ill. \*Robert Gustav Dunton Grand Rapids White Plains, N.Y. Franklin Richard Fronek Gary, Ind. DEGREE OF BACHELOR OF SCIENCE-Agricultural Education RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION Stephen Addison Havden Gerald Francis Aerts Hart East Iordan Norman Joseph Sadler Onoboma John Frank Artman West Branch Melvin Frederick Hodge Hesperia \*D. Douglas Schneider Chelsea Middleville C. Richard Karelse Caledonia Ray Terpening Petoskey Robert Gordon Bender \*Arnold William Blomquist Felch Russel Karl Keech Hastings \*William Leslie Thuemmel Port Austin \*William Leslie Buhro Sault Ste. Marie Charles Edward Kelsev Allegan Emery R. Townsend Ionia \*Robert Lawrence Christensen Lakeview Anthony Francis Korican Milan Gilbert Ray Turpin Monroe Lavern Arthur Clarke Duane Ellsworth Marlan Scottville Walter Alteron Wheeler Coleman Hart Bruce Wilson Collins Eaton Rapids \*Raymond Samuel Mazurek Freesoil William Stannard Wilson Clarence Elwin Davis Clarence Leroy Miller Goodrich Cherry Valley, N.Y. Empire Allendale William Edward Wood Ralph Henry Grossbauer Lapeer Lester Jay Ossewaarde Mt. Morris \*Daniel Edward Harfst John Joseph Quigley Detroit Essexville Carl Edward Rossman Saginaw Lewis Conway Harper Pocahontas, Ark. DEGREE OF MASTER OF SCIENCE – Agricultural Economics Hernan Geronimo Bertolotto Theodore James Goering Apostolos John Michelis Santiago, Chile Pretty Prairie, Kan. Mytilene, Greece Miguel Jaime Castaner Ronald A. Hagaman Hillsdale Daris Daniel Moyer Okemos Liberty, Ind. Rio Piedras, Puerto Rico Glen Willis Higgins Phillip Roberts Milford James Bergen Roof Teaneck, N.J. Per Erik Eliasson Tarma, Sweden Ronald Everett Kampe Capac Petoskey Manuel Santana-Criado Lyle Patrick Fettig Luciano E. Lactao Villalba, Puerto Rico Hillsdale Quezon City, Philippines Alan Dean Forker Aslam Ghayur Karadin, Pakistan Robert Wilbur McLachlan Lee Frederick Schrader Okawville, Ill. Evart DEGREE OF MASTER OF SCIENCE - Agricultural Education Derwin Peter Sackett Union City Gordon Simon Struble Alma DEGREE OF MASTER OF SCIENCE - Agricultural Engineering Kay Victor Lask Frank Donald Borsenik Saginaw Detroit Carl Axel Rannfelt Strangnas, Sweden Allen Frederick Butchbaker Marcellus Bruce A. McKenzie Lafayette, Ind. Jack Duane Wilson Albion Robert Dean Fov Cass City David Alan Norman Lansing DEGREE OF MASTER OF SCIENCE - Agricultural Extension Fajardo, Puerto Rico Felix Acosta Martiniano Gonzalez John Hood Corvallis, Ore. Victor Clement Beal Adjuntas, Puerto Rico Frederick C. Sackrider Stanton Jackson Prinerville, Ore. Elgin Mac Cornett Maurice Lucian Hill East Lansing Harold Liskow Sparks Cassopolis

\*With Honor

Cobleskill, N.Y.

Robert Elkin Wingert

COLLEGE OF AGRIC DEGREE OF MASTER OF					r or en tiltenari
Theodore Matthew Hoersch		Mahmoud Makarechian	Teheran, Iran		
DEGREE OF MASTER OF	SCIENCE-L	Dairy			
Max Erwin Benne Victor Alan Jones	Okemos Lansing	Ormond Charles Pailthor	p Petoskey	Robert Mack Williams	Levelland, Tex.
DEGREE OF MASTER OF	SCIENCE-F	arm Crops			
William Alden Hayes	Kalamazoo	Mansour Nicknejad	Malayer, Iran	Richard William Taylor	Idaho Falls, Id.
DEGREE OF MASTER OF	SCIENCE-F	isheries and Wildlife			
William Henry Anderson Lowell Edward Keup	Escanaba Racine, Wis.	Daniel Samuel Plosila	Conneaut. O.	Ruth Elva Small	Chicago, Ill.
DEGREE OF MASTER OF	SCIENCE-F	ood Technology			
Donald Hugh Billings	Davison	Robert Ralph Dalton	Portage, Wis.	Thomas Richard Mulva	ney Bellevue
DEGREE OF MASTER OF	SCIENCE-F	orest Products			
Terry McAvoy Brown Donald Frederick Luebs	Holly Farmington	Parviz Niloofari Gerald LeRoy Schulz	Teheran, Iran Barton City	Karl Snow Willson Ronald Lee Yinger	Cleveland, O. Waldron
DEGREE OF MASTER OF	SCIENCE-F	orestry			
John Herman Beuter Anthony Kent Quinkert Eagle	Chicago, Ill. e River, Wis.	Con H. Schallau	East Lansing	Abdul-Karim Toma Tullis	skuf-Mosul, Iraq
		i (resta) Postelo Postelo Kore Mani Millolala		e floredore Storetegis Clečk Marine	
DEGREE OF MASTER OF			Glass & Illic Hi	the Protocol Control March	
		George Edward Evans Stanley Joseph Gamble Joe Ray Goodin Asger Vagn Klougart <i>Copenh</i>	Simms, Mont. Hart Claude, Tex. agen, Denmark	Chin Ming Lam He Robert William Scheuer Norman Clyde Welch	
DEGREE OF MASTER OF	SCIENCE – P	oultry Husbandry		Service of the servic	
Joseph Herman MacNeil Sydney,	Nova Scotia	Julio Cesar Ordein Coroz	zal, Pue <del>r</del> to Rico	Edward A. Schano	Buffalo, N.Y.
DEGREE OF MASTER OF	SCIENCE – R	esource Development			
Seymour Murray Gold Donald Eugene Helgerson Robert Franklin Mainone	Detroit Iola, Wis. Battle Creek	Francisco Manuel Miran Rio Piedro	da as, Puerto Rico	Erling Martin Weiberg	East Lansing
DEGREE OF MASTER OF	SCIENCE – So	oil Science			
Frederick Hung Fo Au Hone Albert William Hosner	olulu, Hawaii Gillespie, Ill.	Leo Calvin Klameth	Lincoln, Kan.	Sadao Shoji	Sendai, Japan

# COLLEGE

# OF

# ENGINEERING

# The candidates will be presented by DEAN JOHN D. RYDER

DEGREE OF BACHELOR OF SCIENCE - Agricultural Engineering

†Joseph Andrew Abramczyk Richmond	†Ronald Clare Hamelink Holland	†Allan Lewis Phillips Deckerville
William Carl Arble Taylor Center	Frederick William Harwood Ionia	*Berton Scott Sheppard Shreve, O.
*George William Bingley Burlington	Hayes Major Hobolth Grand Blanc	Stanley Robert van Reken East Lansing
John Charles Carlson Grand Rapids	David Barry Lantz Saginaw	*Clifford B. Van Vliet Caro
Earl Edward Dean Armada	Richard Arthur Larder Charlotte	†James Wesley Walker Gasport, N.Y.
†Charles Milton Downing Holly	Walter Joseph Milan, Jr. Almont	Robert Reeves Wallis Rudyard
†Dale John Ewalt Berrien Springs	Leonard George Nowak Cedar Springs	
*Dean Charles Ewalt Berrien Springs	R. B. Omo, Jr. Tekonsha	and the second second second

# DEGREE OF BACHELOR OF SCIENCE-Chemical Engineering

*Robert William Black	Midland	Charles William Griffen	
Donald Fredrick Colby	Detroit	West	Springfield, Pa.
Roger Lane Cram	Oak Park, Ill.	*John A. Grum	Lansing
Richard Harry Czurak	Grand Rapids	Morris Ross Hoffman	Fenton
Ray Frank Fleming, Jr.	Fennville	Francis Emil Izzo	Iron Mountain
*Russell Howard Foy	Cass City	Grant William Juchartz	Wyandotte
Perry Richard Geeck	Coleman	Robert Richard Juengel	Rochester
Kenneth Ira Glatz	Lansing	Gerald Dean Knapp	East Lansing

# DEGREE OF BACHELOR OF SCIENCE - Civil Engineering

Stanley Gene Badelt	Ovid
Ronald Jay Bakker	Holland
Leonard Weldon Bell	Olean, N.Y.
James Ernest Boardman	
Grosse	Pointe Woods
John Franklin Bogardus	
Ca	mnersville, Ind.
Raymond John Bulthuis	Coopersville
Edward Stuart Burch	Big Rapids
Charles David Carr	Lansing
Richard Alan Carr	Ludington
Rassie Carswell M	lorganton, N.C.
John Donald Cruise, Jr.	East Lansing
Walter Edward Dahring	er, Jr.
	Brookfield, O.
Gordon William Danke	Fremont, Wis.
Thomas Bruce Day	Saginaw
Jerry Duane Dobie	St. Louis

Duane David Dolph	Frankfort
Donald Wendell Dow, Jr.	Roscommon
Walter W. Gardiner III	
Moo	prestown, N.J.
Darrell Wilson Hall	Jackson
Richard Griffith Hertzler	East Tawas
Robert Edgar Hull	Ionia
Ralph Milton Jacobs	Stronach
Richard David Jerrells	Hudson
Daniel Edward Johnson	Mason
Frank Maynard Johnson	Bark River
John Junior Kanillopoolos	Lansing
Robert William LaFraugh	Lansing
Joseph Daniel Lake	Midland
Raymond Albert Lawrence	
Re	ochester, N.Y.
Onto Gail Lindy	East Lansing
James Robert McDonagh	Saginaw

# DEGREE OF BACHELOR OF SCIENCE - Electrical Engineering

Alfred L. Arnold	Saginaw
Benjamin DeCumbe Au	Akron, O.
Stanley Dean Auld	Martinsville, Ill.
Donald Clyne Bailey	Lansing
Leon DeCarl Barbour	Muskegon
Robert Scott Becker	Ortonville
Albert Rudolph Berg	Pontiac
James Neil Berry	Toledo, O.
Charles John Blattner	Concord

\*With Honor †With High Honor

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Donald Duane Bleich Musk	egon Heights
Chester Roy Bomaster	Iron River
William Harmon Brawner	Lansing
Gerald Robert Brendel	DeWitt
Keith Preston Brown	Lansing
Ralph Leslie Brown	Detroit
Wendell Roy Brown	Quincy
William Lee Bryant	Lake Orion

<sup>†</sup> Roderick Clemens MacKay	Detroit
Donald Eugene McVannel	Merrill
Luther Wesley Rearick	Toledo, O.
*Francis A. Schreihans, Jr.	Three Oaks
Miles Edwin Talbert	Perry
Carl Helmer Theorin, Jr.	Pontiac
Charles Belden Van Dusen	Metamora
John Robert Vukovich	Flint
Larry Joel Weeks	Grass Lake

Walter William Meinert	Grand Rapids
William Henry Mills	South Haven
Roger Douglas Mynatt	Dearborn
Norman Edward Papsdor	f Clinton
Thomas Monroe Potchen	Grand Rapids
Lawrence William Radzv	ille Detroit
Clayton Laverne Rathbur	h Howell
*Burton Gilbert Sherwood	
N	ew York, N.Y.
Gerald L. Shell	Brooklyn
Murray Monroe Smith, Jr	Constant and
Gross	e Pointe Farms
Melvin G. Stapel	Flushing
Gerald Reese Stifler	Dearborn
*Jack Duane Stroebel	Saginaw
Frederick Allan Wagner, J	r. East Lansing
David William Welty	
Cuy	ahoga Falls, O.

Edgar William Butterline

S	outh River, N.J.
*Charles Elmer Buxton	Livonia
Eugene James Camfield	Grand Rapids
Walter Leo Charkut	Owosso
Peter Patrick Chiarenza	Rochester, N.Y.
Ralph Maxwell Cobb	Grandville
*Leo Francis Collins	Mineville, N.Y.
†George Alexander Conr	ad, Jr. Pellston

# COLLEGE OF ENGINEERING (Continued)

DEGREE OF BACHELOR OF SCIENCE - Electrical Engineering (Continued)

	0 0 0 0	
James Lewis Coon Grand Ledge	John David Laws Geneva, N.Y.	Raymond Kent Ricker Delton
Arlo Chris Curtis Bellevue	Gerald Edward Leach Leslie	*Robert Vance Riddle Warwick, Va.
John Joseph Danko Flint	†Richard Earl LeCronier Mt. Pleasant	John Harold Rodgers Thompsonville
†Albury John Dascher Eau Claire, Wis.	*Richard Arthur Little, Jr. Owosso	Edwin Joseph Roscoe Seaside Park, N.J.
James Donald Daurick Saginaw	*Richard Ernest Martin Flint	Roger John Rowe Lansing
*Reuel M. Dickerhoof Bay Shore	Richard Earl Massoll Saginaw	*Keith Arthur Sadler East Lansing
Ross Everett Eckel Metamora	Harold Stanley Mawby Belding	Harold Dean Sayles Albion
†Phillip Bernard Eiche New Buffalo	Joseph Paul Mefford Ferndale	Haro Schneider, Jr. Mineola, N.Y.
†John Charles Eidson Scarsdale, N.Y.	Salvatore Phillip Migliore	William Fay Schuhardt Grand Rapids
William John Falberg Birmingham	New York, N.Y.	Paul Allan Schweifler Grand Haven
Donald George Farhat Lansing	Carl Gordon Miller White Pigeon	Ted Gene Seble East Lansing
Richard Douglas Fife Three Rivers	Keith William Miller Clarksville	Robert Owen Silco Pittsford, N.Y.
*Bobby Gene Finch Lansing	James Andrew Mitchell Novi	Victor Herbert Sternberg Bad Axe
Elvie Wayne Gardner Dearborn	*Lloyd Edwin Nissley Bridgewater	Russell Lee Stewart Ionia
Richard Lawrence Gauthier	†David Elliott Norton Fenton	John Arthur Van Aken Easton Rapids
Lake Leelanau	*Dean Warner Orr Mason	Clarence Hulscher VanDyke
James Lee George Mottville	Pasqualino Paul Paone	Grand Rapids
*Roy Lavern Greenbury Flint	Niagara Falls, N.Y.	Bruce Edward Walpole Ferndale
Harold Lawrence Gundersen, Jr.	Donald Edward Parsons Cicero, N.Y.	Roy Oliver Wellington, Jr. Grosse Ile
Muskegon	Russell L. Paul Jersey City, N.J.	Carl Reuben Whitaker Grand Rapids
*William John Heis, Jr.	Charles Francis Pavelka	*Bruce Stephen White Scarsdale, N.Y.
Johnson City, N.Y.	Jackson Heights, N.Y.	Erwin John White Clare
*George Hanna Hilal Beirut, Lebanon	Howard Ray Phillips Lansing	Frank Richard Willis Chicago, Ill.
Richard Gordon Holmes Fremont	*Richard James Plugge Grand Rapids	†Harold Frederick Wochholz Albion
*Clarence Dean Hudson Holt *Harlow M. Judson Rockford	Dale Edward Randall Manchester	Albert Edward Woodcock Detroit
*Harlow M. Judson Rockford	Robert Phillips Rhen Pittsburgh, Pa.	Robert John Wyma Grand Rapids
Richard Allan Kerr, Jr. Paterson, N.J.	*Harold Thomas Rhodes St. Joseph	John Davis Young Detroit
Robert Edward Knechtel Adrian	Gerald Richard Rice Rose City	

#### DEGREE OF BACHELOR OF SCIENCE-Mechanical Engineering

Douglas Dale Ahrens Jackson \*Rollin Bloodgood Balsley Livonia Ronald Carlton Bauman Manistee Benjamin Carter Benjamin Flint Bruce Gordon Benson Lansing Roy A. Benson Jamestown, N.Y. Theodore Donald Benson, Jr. Jackson William Charles Beyer Flint Raymond Daniel Bizoe Vernon \*Thomas Clinton Bloodgood III Grand Rapids Albert George Bruetsch Masonville, N.Y. \*Merlin Ernest Bush Muskegon †Philip Boyer Cline Athens \*Richard Bruce Coleman Royal Oak <sup>†</sup>Joseph Michael Colucci Brooklyn, N.Y. Charles Frank Crissy Burlington Walter William Dahlstrom Flint Gerald Thomas Davies Wisconsin Rapids, Wis. Mark Anthony De Bond St. Julians, Malta John Gordon Dengel Detroit David Frank Dianich Newark, Del. Richard Edward Dorgan Dowagiac Henry Joseph Dreher Norwalk, Conn. Walter Leonard Eckhardt Honeoye Falls, N.Y. George John Economou Dearborn Irvin William Eyre, Jr. Lansing \*John Albert Fairly Jackson George Fahile Farhat Lansing George Joseph Fekete Muskegon Heights \*With Honor †With High Honor

Gordon Eric Fornell Des Plaines, Ill. William Carl Funkhouser Grosse Pointe 'Gayle Glenn Gardner Sand Creek \*Roger Wayne Gettel Bay Port Clare Frederick Gildea Kalamazoo James A. Gill Lansing Thomas Gregory Gorman Lansing Robert Jung Grimm .Wilmette, Ill. William Sanford Grose Midland Robert Wesley Hacker Bad Axe William Overton Harris East Lansing David Lavern Hart Grand Blanc Robert Evans Hodge Snover William Grant Holliday Michigan Center Benjamin John Huff Allegan Charles Thomas Jeffrey Jackson Norman John Kaarre Dollar Bay Charles Louis Kirchhoff River Forest, Ill. †Dennis Charles Kuzma Lincoln Park Donald Wayne Lake Grant Robert Harry Lamp Alpena James Edward Lanker Sandusky, O. David Merle Latson Ann Arbor Alvin Jr. Lefler Midland Albert Armand Legault Garden City Mary Joan Lichty Lackawanna, N.Y. Iron River Marvin Carl Lindbloom James Roger MacIntosh Jackson Thomas Earl Matthews Niles Richard Arthur McCormick Eaton Rapids Dwain Elmer Morse Flint Don Edward Morton Muskegon

Gale Hiram Myers Cheboygan James Henry Ott Buchanan John Thomas Parker Chicago, Ill. Grand Rapids Robert Allen Parks Frederick Wenzel Perian Detroit Larry R. Petersen Charlevoix William George Plant Birmingham Charles Joseph Puma Oakfield, N.Y. Melvin Arnold Rennells Lansing Frederick Thomas Rhoades Grand Ledge Ferdinand Clark Rigotti Pontiac David Harold Roberts Royal Oak \*Keith D. Salisbury Lansing David Spaulding Sassaman Charlotte Eugene Gardner Schmidt Adrian \*Tunis Herman Schouten Grand Rapids †Wayne Albert Sebrell Lansing Arnold Keith Shaffer Wyandotte Keith Leroy Sims Stalwart Gerald David Skellenger Flint Richard James Stapelman Lansing John Robert Strobel Auburn Heights Robert Sheldon Strong Lapeer Talivaldis Sturis Saginaw Patrick Louis Sutton Fowlerville \*Dale Bruce Taulbee Detroit Robert Charles Tuer Detroit \*Antonie Uythoven Muskegon Frank Vavra Union Pier Gordon Richard Veal Keego Harbor Sven Herbert Vikstrom Richmond Richard John Wagner Worthington, O. George M. Withey Trenton Dean Joseph Wolfe Grand Rapids

# COLLEGE OF ENGINEERING (Continued)

DEGREE OF BACHELOR OF SCIENCE	–Metallurgical Engineering	
Leslie Edward Hays Dearborn John Andrew Kalasky Detroit Harold Gene Marsh Harbor Springs	*Daniel Joseph Patt Grand Ray John Warren Pridgeon Montgom Roy R. Rohlin Naples, N	ery *Gerald Edward Wasielewski Detroit
DEGREE OF MASTER OF SCIENCE-A	pplied Mechanics	
John Ronald Discola Philadelphia, Pa.	Armando Louis Odorico Ink	ster Frank T. Paganini Battle Creek
DEGREE OF MASTER OF SCIENCE – C	Themical Engineering	and a second of the second second
Leslie Erwin Lahti Superior, Wis.	John Edward May Ren	nus Carlo Odolen Mlcoh Wilmington, Del.
DEGREE OF MASTER OF SCIENCE-C	ivil and Sanitary Engineering	
Alger Burton ColthorpLansingJames Edward HolzbachLudington	Allan Ferguson Moore Grosse Por	nte Eugene Neil Russell Lansing
DEGREE OF MASTER OF SCIENCE-E	lectrical Engineering	
Richard Charles Dubes Chicago, Ill. Richard Merton Ford Manton	George Lee Greglow Royal ( Raymond Leroy Marlatt Port Hu	
DEGREE OF MASTER OF SCIENCE – M	lechanical Engineering	
John Charles Humphries Angola, Ind. Masazumi Ishikawa Naha, Ryukyus	John Edward Nolan Lan Fremont Graham Thompson Green	

# COLLEGE

# OF

# HOME ECONOMICS

# The candidates will be presented by DEAN THELMA E. PORTER

DEGREE OF BACHELOR OF SCIENCE-Child Development Lois Ann Finnell Pittsburgh, Pa.

# DEGREE OF BACHELOR OF SCIENCE – Dress Design

Marilynn Sandra Melville

St. Clair Shores

# • DEGREE OF BACHELOR OF SCIENCE-Foods

	Orchard Lake Wyoming, N.Y.	*Catherine Julia O'Hearn	Buffalo, N.Y.	Jean Ann Wolfgram	Frankenmuth
승규는 정말 관계에 가지 않는 것이 없다.					

#### DEGREE OF BACHELOR OF SCIENCE-General Clothing and Textiles

Virginia Kirby Andrews Lansing Beverly Ann Johnson Berwyn, Ill. Nancy Carol Phillips

Highland Park

#### DEGREE OF BACHELOR OF SCIENCE-General Home Economics

Karen Elinor Brobst Harriett Ann Endress Suzanne Hoffman *Diane E. Katafiaz	Traverse City Detroit Indianapolis, Ind. Rochester, N.Y.	Barbara Jean McMurdo Leo Denese Moraniec Mary Jane Roth Marjorie Anne Sands	Detroit Millersburg Leland Port Huron	Mary Lou Van Gieson Abby Jane Vinkemulder Suzanna Jean Witwer	Jackson Grand Rapids Sturgis

# DEGREE OF BACHELOR OF SCIENCE – Home Economics Extension

# Caroline Jane Hopson Byron \*Margaret Louise Thar Decatur

#### DEGREE OF BACHELOR OF SCIENCE-Home Economics with Journalism

Elma Jean Goodrich Dearborn

#### DEGREE OF BACHELOR OF SCEINCE - Home Furnishings

Sally Jo Ann Carlson Dorothy Irene Fairles		Sherla Jean Jennings Sharon Margaret Olson	Kalamazoo	Carolyn Patricia Singer	Detroit
Gail Andrea Hubbell	Kalamazoo	0	uwatosa, Wis.		

# DEGREE OF BACHELOR OF SCIENCE – Institution Administration

# \*Carole Sue Frazier Des Plaines, Ill. \*Charlene Marietta Schaadt Ann Arbor Nancy Alice Tyrrell Morrice

DEGREE OF BACHELOR OF SCIENCE - Nutrition

Ardath Helen Albring *Cynthia Lee Anderson	Temperance	Patricia Ann Hoffman	Buffalo, N.Y.	Gloria Tucker	Detroit
	as, Venezuela				

\*With Honor

# COLLEGE OF HOME ECONOMICS (Continued)

#### DEGREE OF BACHELOR OF SCIENCE-Retailing

Janet Elaine Beall	Elmhurst, Ill.	Carol Louise Lehmann	Englewood, N.J.	Barbara
Svetla Mariana Bogatinoff	Detroit	†Lyn Helen Luske	Elmhurst, Ill.	
Loretta Irene Bunting	Jackson	Constance Yvonne McC	Sehee Cheboygan	*Diane I
Billie Jean Davis	Wayne	Jane Cody Nolen	Muskegon	†Irene A
Beatrice Elaine Johnson	Fennville	*Janet Anne Reising	Beaver, Pa.	Jean Es
*Patricia Ann Kelley	Utica	*Jane Risley Riggs	Covington, Ky.	Barbara
Sara Lynn Leet	Plymouth			

#### DEGREE OF BACHELOR OF SCIENCE-Textiles

Eleanora Agnes Mullikin

# Milan

#### DEGREE OF BACHELOR OF SCIENCE-Child Development RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Joyce Sweet Commire	Garden City	Ruth Ann Muhlitner	Ann Arbor	Janet Eleanor Gammil	Seidel
Jean Marie Gornowicz	Detroit	Clare Jeschke Reetz	Detroit		Rocky River, O.
Martha Elizabeth Holland	Macomb, Ill.	Alice E. Schinkel	Berrien Springs	Joanne Ethel Wagner	Detroit
Kay Barker Kloosterman	Muskegon	Dorothy Ann Schmidt	Flint	Diana Low Webster	East Lansing

#### DEGREE OF BACHELOR OF SCIENCE-Home Economics RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Susan Helen Anderson	Walled Lake	*Fronda Marie Kennedy	Pickford	Mary Ann Rieser	Dearborn
Carol Sue Augenstein	Lincoln Park	E. Elaine Kirkpatrick	Bellaire	Vivian Marjorie Riggs	Three Rivers
Nancy Ellen Bloom	Williamston	Dawn Bernadette Koehler	Gladwin	*Prudence Ann Romine	Monroe
Barbara J. Bowman	Hastings	Rita Ann Kurtz Li	vonia, N.Y.	Marilyn Dee Roth	Elmhurst, Ill.
Alice Jane Brockelsby	Pleasant Ridge	Lorna Bergsma Lombard	Rudyard	Adabelle Shinaberger	West Unity, O.
Barbara Gail Carrick	Houghton Lake	Louise Duren McGruther	Dearborn	Jane Roberta Sterling	Jonesville
*Sharon Kay Franke	Lansing	Lina Jane Montgomery	Marlette	*Sharon Montague Stone	St. Johns
Mary Jane Freeman Ni	agara Falls, N.Y.	Autumn Dawn Nelson	Northport	Gaylene Joyce VanHeste	ren Grandville
Jeane Elisabeth Fritsch	Galien	*Carol Brandeberry Perkuchin	n Milford	Sally Ann Webster	Detroit
Marilyn Marie Gauthier	Traverse City	Sharon Belle Foster Raab	Millington	*Barbara Ann Wilson	Evanston, Ill.
Eloise Joy Goodrich	Grandville	Joyce Jerris Renfrew	Lansing	*Jean Harriet Wonser	Grand Ladge
Eleanor Jo Ann Hasbro		*Nina May Rhiness	Grand Blanc	Ann Naome Yamasaki	Lihue, Hawaii
Janet Carroll Hyde	Riverdale				

#### **DEGREE OF MASTER OF SCIENCE – General Home Economics**

Sister Regina Marie Campbell Pittsburgh, Pa.

#### DEGREE OF MASTER OF ARTS-Home Management

Charlotte Rood Holm Judith Ellen Life New Castle, Ind. East Lansing

DEGREE OF MASTER OF SCIENCE - Institution Administration

Virginia Schwager Hoglund	Margaret Eileen Radke	Rita Schuler Rood	East Lansing
East Lansing	Walhalla, N. Dak.	Myrtle B. VanHorne	Lansing

#### DEGREE OF MASTER OF SCIENCE - Related Arts

Sister Ann Gabriel Kilsdonk Monroe

\*With Honor †With High Honor

Elmwood Park, Ill. Harriet Rybski Chicago, Ill. Ann Schiele Grosse Pointe Isther Schubel Minden City a M. Wheat Jackson

Mary Ann Rieser	Dearborn
Vivian Marjorie Riggs	Three Rivers
*Prudence Ann Romine	Monroe
Marilyn Dee Roth	Elmhurst, Ill.
Adabelle Shinaberger	West Unity, O.
Jane Roberta Sterling	Jonesville
*Sharon Montague Stone	St. Johns
Gaylene Joyce VanHeste	eren Grandville
Sally Ann Webster	Detroit
*Barbara Ann Wilson	Evanston, Ill.
*Jean Harriet Wonser	Grand Ladge
Ann Naome Yamasaki	Lihue, Hawaii

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# COLLEGE

### OF

# VETERINARY MEDICINE

# The candidates will be presented by DEAN WILLIS W. ARMISTEAD

†William Everett Morrill

**Richard Francis Nokes** 

Kenneth Duane Russell

John Wayne O'Connell Milwaukee, Wis.

\*Mary Elizabeth Smith Presque Isle, Me.

Wayne Albert Wickert, Sr. East Tawas

John Ampalavanar Vanniasingham

†Ulreh Vogt Mostosky

Edward Sadilek

Wayne E. Salsbery

Frederick Boris Shulak

James Harwood Staples

\*Donald Gordon Turner

\*Sally Ann Turner

Ian Alex Wallace

James Jeffrey White

Lloyd H. C. Wong

Norris Henry Signs

East Hartford, Conn.

Land O'Lakes, Wis.

Adrian

Detroit

Ionia

Iltica

Detroit

Detroit

Battle Creek

Grand Ledge

Ewa, Hawaii

Malacca, Malaya

Tangier, Ind.

Greentown, Ind.

Chesaning

#### DEGREE OF DOCTOR OF VETERINARY MEDICINE

Ellin Catherine Abbott Gloucester, Mass. \*Laurence Arnold Ackerman Kendallville, Ind. Dean William Anderson Richard LaVerne Asquith Galesburg, Ill. \*William Howard Ball William Allen Barber Eldon Clair Barclay, Jr. \*James Newell Boydston Gerald Brown \*Morley Neuman Burns John Duane Cardno Alpha S. Clark, Jr. Ann Nichols Clark Frank Joseph Coussens Joseph Fredrick Curley Earle Monroe Davis, Jr. Chester Gale DeJongh Elbridge Lee Dunckel David Victor Engstrom Alexander Campbell Fields, Ir. Bedford, Ind.

Clio \*Russell Arnold Greene \* John Henry Greve Marne Northville \* James Michael Harris New York, N.Y. Almont Wauseon, O. Bayonne, N.J. Orchard Lake Detroit \*Robert L. Humphreys \*Arthur Allan Jarvis Barryton Jackson Granger, Ind. Detroit Clarkston †Aaron Moses Leash Lansing East Lansing **†Charles** Robert Martin Gladstone

#### **DEGREE OF BACHELOR OF SCIENCE - Veterinary Medicine**

# James Leon Jones

Philip Morris Flora

**†Robert Franklin Goodbary** 

George Donald Harris

James Leland Harrison

Thomas Nelson Heslip

James E. Keel

Rolla James Keeran

Gerald James Kugel

Jack Anson Martin

George Johnson Lombard

Edward James Hinsman

Walter Raymond Harthun

Richard Simmons Grace Andover, Conn.

Carl Frederick Bach	Detroit
Myers Griffin Braxton	East Lansing
Bernard Anthony Brown	Lansing
James Walter Buchanan	Jackson
Bertrand John Buckhout	Battle Creek
Raymond Russel Burrowes	s Lake Orion
Richard Llewellyn Dorner	Jackson
Henry C. Fallis	Bath
Howard Lynn Feole	Northville
Ronald Ray Flansburg	Racine, Wis.
Lloyd Samuel Goyings	White Cloud
Ervin Green	Pinckney
John Thomas Grzyb	Detroit
George Robert Gunderson	Gary, Ind.
Ronald James Haeger	Saginaw
Neale Evans Hice	Grand Rapids
Beverly-Ann Holt	Detroit
John David Hottell	Corydon, Ind.
David Glenn Howell	Dimondale

Andrew Stephen Kalmus †Max Ramsey Kennedy Lloyd Dean Konyha \*Robert Michael Kovatch Joseph John Kowalski John William Kramer Larry Wilson Laudig Peter Lederer Charles George Liddle Grosse Pointe Woods \*Darold Frank McCalla Bruce Miles Madren Robert Lester Mahr Lowell Peter Malmquist Stephen Eugene Maloy Thomas Allan Miller Leonard Joseph Perry Alan Ray Ramsey

Elizabeth Ann Harper

Janet Decima Howard

\*Margaret Isabel Howard

\*Sallie Judith McCullough

Susan Louise Moon

Janice Lou Noble

Royal Oak Davis, Okla. Memphis Owen, Wis. Detroit Dearborn Pendleton, Ind. Detroit Ann Arbor Anderson, Ind.

Chalmers, Ind.

Yuba City, Cal.

East Lansing

Birmingham

Jackson

Bear Lake

Northville

Wyandotte

Crystal Falls

Berrien Springs

Ravenna

Petoskey

Lapeer

Detroit

Glennie

Muskegon

Snyder, N.Y.

North Branch

Newark, N.J. Iron River Angola, Ind. Niles Pittsfield, Mass. Wadesville, Ind.

Vicksburg

Ypsilanti

Allen Park

East Lansing

Milwaukee, Wis.

Milwaukee, Wis.

Flint

Ethard Wendel VanStee Russell William Wagner Donald Dea: \*R

I WOULD
Orland, Ind.
Detroit
Orono, Me.

#### DEGREE OF BACHELOR OF SCIENCE -Medical Technology

*Darrlyn Jill Anderson	Grand Rapids
Marian Inez Andrews	Cheboygan
†Effie Lou Ball	Marne
Edward George Beckman	Naubinway
Shirley Joan Breggs	Charlotte
Dorothy May Broomfield	Mount Morris
<sup>†</sup> Jucinda Marian Cherven	Roscommon
Judith Ann Dilworth	Detroit
Annette Marie Dorrance	Fennville

\*With Honor †With High Honor

Donald Croftan Randall,	Jr. Dowling
James Anthony Reaume	Dundee
John Floyd Rigg, Jr. Ind	ianapolis, Ind.
John Kenneth Rooker	Saginaw
Charles Fredrick Ross	Battle Creek
Ricardo I. Sasso (	Colon, Panama
Theodore Francis Schaub	Lake Leelanau
William Matthew Schreen	Detroit
Ross Dean Scoggins	Albion
Kenneth Eugene Smith	Capron, Ill.
Robert Earl Spalding Man	chester, Conn.
Roymand Eugene Sytek	Detroit
John Thomas Thornton	Epps, La.

Edwardsville, Ill. Tustin

*Robert D	ean Will	iams	De	etroi
<b>†</b> Richard I	awrence	Witter	Orono.	Me

Sally Marie Reichard	Toledo, O.
*Ruth Joan Rierson	Bronson
†Judith Hartman Schincarol	Paw Paw
†Patricia Margaret Silvis Han	mburg, N.Y.
Renelle Lynn Scott	Flint
Philip Wayne VanZandt	Detroit
†V. Anita Vedder Fox	Point, Wis.
*Joan Virginia Voros	Allen Park

# COLLEGE OF VETERINARY MEDICINE (Continued)

DEGREE OF MASTER OF SCIENCE-Anatomy Madan Behari Lal Bharadwaj Agra, India

DEGREE OF MASTER OF SCIENCE-Microbiology and Public Health Mario Barbosa Belo Horizonte, Brazil Raymond Lione Morter Lodi, Wis.

DEGREE OF MASTER OF SCIENCE-Surgery and Medicine Thomas Matthews Ford Battle Creek Mark Phinney Rines Gorham, Me.

DEGREE OF MASTER OF SCIENCE-Veterinary Pathology

James Van Hruska

Pontiac Richard LaVern Johnston

on Kalamazoo

Donald H. McWade

Lansing

# OF

# SCIENCE AND ARTS

#### The candidates will be presented by DEAN MILTON E. MUELDER

Detroit

#### DEGREE OF BACHELOR OF ARTS - Fine Arts

Paul Robert Alms Downers Grove, Ill. Jeanne Ellen Blizzard DeWitt Beatrix Anne Burrows Grosse Pointe Gary Rex Carr Gary, Ind. Paul Patrick Chapin East Lansing Joan Mae Coblentz Detroit Larry Deane Detmers Birmingham \*Carole Ann Ellis Columbia, Mo. Betty Grace Fahselt Flint William Harold Gilmore Lansing Bay City Gerald David Hollinger Julius Albert Hornyak Vassar Joan Marie Huebner Jackson Joann June Jakovac Lansing Peter William Krempel Sault Ste. Marie

#### DEGREE OF BACHELOR OF ARTS - Language and Literature

Luis Alfred Alcala	Lansing
John Aubrey Alexander	Gaines
Carolyn Jean Bertorello	Ramsay
James Walter Boehm	Owosso
*Winnifred Ann Daignault	Lansing
Helen Gillies Gra	nd Rapids
*Sarah Ellen Campbell Hanifi	Saline
Edgar Verdane Hildebrant	Chesaning
Raymond Eugene Howenstein	Nashville

#### \*Jack Stanley Larson Lansing \*Elaine Louise Lepel Niles Ross Joseph Lloyd Sears Jane Wells Long Johnson City, Tenn. Mary Elizabeth Long Lansing Emelie Ann Loucks Midland Kathryn Mildred Luft LaSalle Forrest David Mark Battle Creek Patricia Dene McCall Rockford, Ill. John David Milbourn Eaton Rapids Joan Stiles Moffit Lansing Roy Lee Morton Lansing Nylon Myers Cincinnati, O. Kathryn Graham Peard Kenmore, N.Y.

\*Noel Margaret Krichbaum

*Constance Ray	Park	Forest,	Ill.
*Joanne Pierce Ritter		I	Flint
Kenneth Mitchell Robe	rts	Center	line
Richard Alan Skidmore		I	Flint
Howard Wayne Stavoe	Gı	osse Po	inte
*Grace Powell Taylor	C	ynwyd,	Pa.
Ward Elmer Taylor		Gay	lord
Russel Irving Tillman		Lan	sing
James Bruce Timmer	Gr	and Ra	pids
George William Verstee	g	Rom	ulus
*Carole Ann Whitmoyer	AN A	Dearl	born
Nancy Alice Wonnberg	er		
	Bloom	nfield H	Hills

Barbara Mooers Humphrey	ys	
Ma	nhasset, N.Y.	
Paula Ward Johnson	East Lansing	*
Evan Karabetsos	Marquette	
Robert A. Karczewski	Hamtramck	1
*Frederick Palmer LaCrone	Kalamazoo	*
Marian Pryer Lakin	Portland	
Robert Lyle Linden	Grand Rapids	t
Diane Louise McHugh	Toledo, O.	
Jean Ehrhardt Mundinger	East Lansing	

Edith Jean Nantau	Allen Park
Turner Lee Nelson	East Lansing
*Nancy Carol O'Conner	Escondido, Cal.
Robert N. Paklaian	Detroit
Mabel Edith Roe	Clio
*Beverly Joanna Schultz	Grand Rapids
Marilou Truesdell	Wayne
†Patricia Ellen Wise	Wayne
Elizabeth Louise Yost	Park Ridge, Ill.

#### DEGREE OF BACHELOR OF ARTS - Physical Science

Stephanie Cooke	Garden City	Donald Symes Morehouse, J	r. Owosso	William Edward Stewart	
Alan Lee Culpepper	Dearborn	John Arthur Petzold	Port Hope	M	onrovia, Liberia
Susan Donahue	Concord	*Robert Ellis Powell I	East Lansing	Clarence James Tacey	Fairgrove
Dolores M. Frazier	Naubinway	Sandra Lynne Rafos Cuyaho	ga Falls, O.	Arlen Eugene Troup	Elkhart, Ind.
Harold Ward Frye	Mason	John Henry Samalik	Bay City	James Howard Wetters	Kawkawlin
Victor William Herman	Suttons Bay	Paul Philip Sheridan, Jr.	Detroit		
Richard Franklin Hoeft	Menominee	Edward James Sprenger	Coleman		

#### DEGREE OF BACHELOR OF ARTS - Social Science

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\*With Honor †With High Honor

#### DEGREE OF BACHELOR OF ARTS - Social Science (Continued)

Marvin L. Denburg Newark, N.J.
*Edward Donald Devereux East Lansing
*Shirley Virginia Cartier Dilkey Flint
David Raymond Dolan Worcester, Mass.
Robert Allen Ebersol Lansing
*William H. M. Eickholz
Lynbrook, N.Y.
Stanley Benson Eigelberner
Stanley benson Eigelberner
Chicago, Ill.
Ralph Joseph Eikamp Linden, N.J.
Carl William Ericke Detroit
Thomas Henry Evenson Brighton
Jane L. Falwell Jackson
†Pauline Lee Farmer Lansing
Kenneth Robert Ferguson, Jr. Detroit
Hugh Sisson Fitch Adrian
Gerald Francis Fitzgerald Grosse Pointe
Roger Lee Forbush Rochester
Dean Arnold Foster Birmingham
Daniel Wells Frazee Muskegon
†Sharon Wick Fretwell Harbor Beach
Harry Paul Friesema Grosse Pointe
David Edwin Frye Midland
Sarah Juanita Fulford Detroit
Richard Eugene Gallagher Lansing
Helen Marie Stenson Garaviso Baraga
Dolores Maria Garcia Ironwood
Marshall Leonard Goldman Birmingham
Mary Karen Goodnow Elgin, Ill. Donald Theo Goodwin Ithaca
David Eugene Hartman Grandville
Douglas Érie Harton Lansing
Jack S. Hartsell Dowagiac
Charles Elton Hawkins Shepherd
*Louise Annette Hefka East Detroit
*Jerry Dockham Henderson Kingston
Herbert Edward Hendry Lansing
*Jacqueline Mae Hoffman Ramsay
Ronald Frank Holbrook Dearborn
*James Cogswell Holcroft Detroit
†Tona Madsen Hoopingarner Detroit
David Gordon Hughes East Lansing
Elaine Ross Irvin Fenton
Robert Allen Jacoby Martin
Cornelius Jay Jansma Grand Rapids
*Tom Jenkins Lansing
†Douglas Lee Johnson Williamston
Harry Mershon Jordan, Jr. Detroit

Judith Louise Juergens Rocky River, O. Joanne Isabelle Keillor New Baltimore William Daniel Kenney Chicago, Ill. Elizabeth Anne Keranen Detroit Harold Edward Keyes Grosse Pointe Grosse Pointe Karl Johann Kiefer \*Marcia Jean Kierland Rochester, Minn. †Esther Lenore Klein Lincoln Thomas Lyle Knight Lansing Herman Joseph Kopp Detroit Irvin Edwards Kulow Manistee Thomas R. Lampel Saginaw Anthony Peter La Porte Utica, N.Y. Terence Charles Laundry Birmingham Suzanne Marie Leichtamer Toledo, O. John Lionel Leighton, Jr. Lansing John Malcolm Little Flint South Bend, Ind. Leslie Lee Lobaugh Richard E. Low Detroit Charles Edward Lucey, Jr. East Lansdowne, Pa. **Bonald Paul Lustik** East Lansing Nelson Edward Lyke Livonia James Henry MacDonald East Lansing Donald Gordon McKenzie Clawson \*Mary Kay MacKenzie Walled Lake Oscar Malek New York, N.Y. H. M. Malik Detroit Nancy Denise Maronick Dearborn Frank McCrone Detroit Thomas Joseph McNally Grosse Pointe Robert Douglas McNaughton Lansing Gordon Gregory Michael Toledo, O. Roger Dale Misimer Reading John Michael Moran Rochester †Ann Elizabeth Mottinger Westport, Conn. John David Mull Muskegon Weidman Wynn Charles Mumford \*Sylvia Konwinski Notel Dearborn Mary Ellen Osborn Jackson Dolores Jane Pacernick Flint Patricia Pallister Battle Creek Philip Earl Palmatier Hastings John Kenneth Peffers Rudyard Carol Ruth Pieschke Grosse Pointe Shores Martin Beckwith Potter Grosse Pointe Gene Raymond Pritchard Jackson

Plato Nicholas Rantis Stevensville Cleo Ethel Reilly Bellaire, Tex. †Michael George Rellis Sault Ste. Marie \*Blanchard Allen Rice Portland \*Alan Michael Rockwell Grand Rapids Edgar Parker Roosa Middletown, N.Y. William Arthur Rue Livonia \*Clare Joyce Salter Pontiac Richard Arlen Sanders Detroit Paul Gerard Sonsone Forest Park, Ill. Edward Peter Scheidler, Jr. Flushing Carl Robert Schippel Lathrup Village \*Charles Robert Scott St. Louis Oak Park, Ill. Barbara Joan Sells \*Beattie Shapiro Long Beach, N.Y. Leslie Robert Simon Chicago, Ill. Lawrence Miller Smith Manton Hugh Peter Spagnuolo Lansing \*Charles Vincent Spaniolo Muskegon Michael Peter Spillum Racine, Wis. Wayzata, Minn. Alison Mary Stafford \*Portia Ellen Stanke Pukalani, Hawaii Caryle Kay Steffee Plainfield, N.J. James Gordon Stryker Grand Rapids Brock Winfred Sussex Detroit Marilyn Hope Sutton Edward Shero Sykes Traverse City Rome, N.Y. Grand Haven Lowell John Terrill \*Mary Ann Toppin Harbor Beach Sydney John Turner Hazel Park \*John Edward Ufford Detroit **Bichard Albert VanOrman** Chicago, Ill. Merrilyn Cigard Vaughn Lansing Sidney Verson Chicago, Ill. \*John M. Vickers Atlanta, Ga. Leota Alta vonLackum Lansing Deerfield, Ill. Constance Louise Wales George Daniel Wallace Ypsilanti Margaret Jeanne Ware Rogers City Jacqueline Jean Warr Roslyn, N.Y. Bertrand Winfred Weesner, Jr. Lansing Patricia Joan Whipple East Lansing James White Hot Springs, Ark. Winston Bruce Wilson Wyandotte Juergen Roland Winkler Hastings +James John Wood Lansing Joseph Dutt Wojtysiak Lansing \*Alan Roger Zoss Lansing

#### DEGREE OF BACHELOR OF ARTS – Fine Arts RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Mary Louise Abel	Pontiac	Kay Ruth Ewer	Lansing	Judith Ann Peterson	Grand Rapids
Rena J. Abravanel	Salonika, Greece	Barbara Ann Gebauer	Elkton	Doris Jean Romanek	Lansing
Ilona Sarra Altshuler	Detroit	Dale Arthur Gleason	Owosso	Martha Anne Songster	Palmyra, N.Y.
Gregory Ernest Battcock	k Yonkers, N.Y.	Leonard Keith Hetrick	Distant, Pa.	John Dixon Stewart	Petoskey
Grace Ann Campbell		Doris Huie	Brooklyn, N.Y.	*Norma Stuck	Lansing
Gros	se Pointe Woods	*Sue Kravitz	Chicago, Ill.	Mary Tsekery	Pontiac
Mary Ann Coash	Lansing	†Sandra Lenore Mikel S	outh Bend, Ind.	*Robert Louis Turmell	Bay City
Nancy Joan Coppens	Grand Rapids	Howard Edward Neely,	Jr. Ypsilanti	*Marjorie Ann Wahlberg	Detroit
Joan Ann Detmers	Birmingham	Iris Maxine Morley	Bay City	Nancy Louise Westphal	Port Huron
Jeanette Evelyn Driscol	l Morenci	Nancy Anne Neubrecht	Berkley		
Don Louis Duiven	Grand Rapids	Jerine Hendrickson Pau	lin Escanaba		et a line of the

\*With Honor †With High Honor

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#### DEGREE OF BACHELOR OF ARTS – Language and Literature RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Patricia L. Adams	Bay City	Nancy Carole Forslund Besseme	r M
*Patricia Louise Beekman	Lansing	Judith Ann Gleason Detroi	it †Su
*Dorothy Eileen Bell	Pontiac	*Alice Diane Hadley Fremont, Ind	I. Al
Saralee Bernth	Greenville	Lois Marie Hastings Detroit	it Ja
Caryl Ann Bock	Ann Arbor	Norma Caroline Platt Hood Hol	lt Ca
Jerilea May Bordt	Monroe	Mary Lee Hughes Detroit	it *El
*Patricia Ann Calvert	Lapeer	Mary Elizabeth Hyde Yal	e *Ja
Lynn Mary Campbell	Detroit	+James William Johnson Kent Cit	
†Rosaline Refson Cooke	Ironwood	Mary Virginia Klinedinst	
Anne Margaret Cutler	Detroit	Harrisburg, Pa	a. Ba
*Shirley Boneville Daniels	Munising	†Carol Jean Knapp Monro	e Ai
*Carolyn Ruth Davies	Lansing	*Jean Priscilla Learning Sault Ste. Mari	
Sharon Ann Edwards	Dearborn	*Sandra Hamilton Lester Nashvill	e M
Robert Michael Elias Fadel		*Margaret Ann Measel Grosse Point	e Jo
Niagara	Falls, N.Y.	Sue Carolyn Miles Birminghan	
†Anna Gail Fear	Pontiac	Mary Lynne Morningstar Hillsdal	
Sandra Lee Ferguson		Nancy M. Orr Palos Park, Il	
Michigan	City, Ind.	Marguerite Ann Pelissier Houghton	n *M
†Anne Johnson Fiedler	Mancelona	Wayne Allen Phares Battle Cree	-

Marlene Ruth Pilz	Riverview
<sup>†</sup> Sue Louise Pohy	Lapeer
Alison Adele Pollard	Saginaw
James Edward Schutte	Baraga
Carolyn Gail Settles	Frankfort
*Elizabeth Ann Smith Little	Valley, N.Y.
*Janice Marie Soloko	Flint
†Marcella Rita Surber	
Arlington	Heights, Ill.
Barbara Jean Sutton	Fowlerville
Anna Lou Swart	East Lansing
Kathryn Jean Thompson	Saginaw
Marsha Ann Thornton	Chicago, Ill.
Joyce Harriet Tomlinson	Okemos
*Judith Ann Vairo	Laurium
<sup>†</sup> Caroline Armstrong Weaver	Midland
*Priscilla Katherine Wellman	Manistee
*Marcia McIvor Wood	Dearborn

#### DEGREE OF BACHELOR OF ARTS – Physical Science RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Patricia Lee Brady

Cincinnati, O.

Charles Owen Crozier Grand Rapids

Donald Jack Smith

Crystal

#### DEGREE OF BACHELOR OF ARTS – Social Sicence RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Dale DeVoe Ables . Jeromesville, O. †Mary Ann Andea Dryden Marjorie Ann Bach Akron \*Barbara Lundquist Barrons Midland Charles William Becker Marysville Robert Berger Wilkes-Barre, Pa. Irwin Milton Beron Detroit Brendon Miles Boekeloo Kalamazoo Gilbert Ottis Brubaker Toledo, O. Lorraine Lee Buelow South Haven Joseph Dean Carruthers Detroit Marilyn Lee Cochran Lansing Gayla Ann Dills Grand Ledge Tony E. Egnatuk Albion Robert Lavere Eisenlohr Hart Thomas Weber Faris Miami Shores, Fla. Catherine Rosemary Fell Detroit Barbara Ann Granelli Detroit Elizabeth J. Halberg Lewiston Annette Horton Hardesty Oak Park Judith Anne Harris East Lansing Donald Everett Holland St. Clair Shores Marguerite Louise Jackson Lansing Thomas Frank Jenkins Dearborn Gordon L. Johnston Pontiac Howard Lee King Sturgis <sup>†</sup>Myrtle Jane Kluiber Lansing \*Maryanne Koehn Grand Rapids

+Judith Ann Larwood Snyder, N.Y. Ilene Sharon Lash Cadillac John Clifford Learning Sault Ste. Marie Dale M. Lobdell East Lansing Mary Jean Lott Cohoctah Robert Alan MacLauchlin Bessemer Mary Ann Mathewson Pleasant Lake, Ind. Richard Arthur Matteson Alnena Mary Elizabeth McCrumb Portland Robert Charles McLeod Howard City Dorothy Ann McQuillan Howell Virginia Lee Monnett Detroit Barbara Courtney Moritz Philadelphia, Pa. William Charles Morris Detroit \*Moreen Ann Mullett Traverse City Thomas George Nelson DeWitt Paul Martin Nemeth Lansing Donald Ralph Nicholson Detroit \*Barbara Jean Pearson East Lansing †Gary Lee Peltier Elsie Frank Forrest Phillips Holt Richard Denzil Pippin Nashville Sherwood Henry Ouick Lansing †Margaret Ann Rankin Lansing Suzanne Elizabeth Ravin Detroit John MacNaughton Rogers Lansing Thomas Harold Rose Detroit

Harold L. Rouse Lansing \*Lynne Mary Schumacher Port Austin Detroit Anne Arnstein Scott Sandra Lane Shaw New Orleans, La. Robert Lee Simmons White Plains, N.Y. Sandra Sue Skiver East Lansing Nancy Kay Smith Lansing Barbara J. Spehar Madison Heights Jim B. Starkey Albuquerque, N. Mex. Julia Ann Steen Hart \*Barbara Ann Stein Arcadia, Cal. \*Louis Darrel Stevens Dearborn Bette Jane Stubbs Brooklyn Suzanne Helene Sturtz Crystal Lake, Ill. William Roger Sutherland Charlotte Frederick A. Talbert Perry \*Betsy Jane Tompkins **Big** Rapids Barbara Ann Trierweiler Lansing \*Jack Gordon Van Aartsen Grand Rapids Anne Louise Vogelsang Birmingham \*Thomas Frederick Wagner Bryan, O. Thomas William Wallis Rudyard Douglas Arthur Wattrick Muskegon Ted Hansen Weigel Lansing Robert Lee Weisgarber Massillon, O. William Bruce Weldon Lake Orion June Mildred Wilson Cooks

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#### DEGREE OF BACHELOR OF SCIENCE - Biological Science

John Alfred Bach	Dearborn	George William Hughes East L		Kenneth Howard Retford	Detroit
Raoul E. Bates	Utica, N.Y.	Ralph Emerson Irwin 1	Detroit	Wesley Lawrence Rork	Saginaw
Ezra Berman	Brooklyn, N.Y.	Marcia Hartnett Koukkari Melrose	, N.Y.	Brent Cole Seager	Brown City
William D. Black	Garden City	Robert C. Leonard Fe	erndale	Aura June Sears 7	Tavares, Fla.
Ray Walter Borota	Dearborn	Joseph Lipa, Jr. Johnson City,	, N.Y.	Leonard Benson Singer	Oak Park
Burton Jack Cohen	Louisville, Ky.	*Patricia Lu Hong Kong,	China	Stephan Spinrad	Flint
Roger Lee Faust E	ast Grand Rapids	Richard Deane Mackay L	ansing	Kirsten Elizabeth Staff	
Morris LaVern French	Bronson	Patrick Arthur Marsh Gro	osse Ile	Upper Mor	tclair, N.J.
Raymond Edward Grin	nes	Richard Walter Muir I	Dryden	Dorothy Jean Stevens	Cornell
	Drayton Plains	John Allan Ohlsson Iron	River	David Robert Towar	Detroit
Roy LaVerne Griswold	South Lyon	*Thomas Chalmers Peterson	Sturgis	Huel Washington, Jr.	Ypsilanti
*David Keith Hickok	Plainwell	Richard S. Reiner New York,	, N.Y.	Howard Lames Whitney	Kalamazoo
*Peter Hovingh, Jr.	Allendale	Clyde R. Replogle	Detroit		

#### DEGREE OF BACHELOR OF SCIENCE - Nursing Education

Marilyn Kathryn Anderso	n Detroit	Ann Elizabeth McGuffin	n Traverse City	Elizabeth Suzanne Stodda	rd
Mary Jane Annis	Grand Rapids	Judith O'Neil	East Lansing		Birmingham
Lorraine Louise Gossett	Lansing	Ruth Ann Ready	Munith	†Marlene Kay Stolt	Manistee
Phyllis Fern James	Central Lake	Judith Jean Rockwell	Saginaw	Barbara Ellen Stone	Saginaw
*Janet Esther Kwaiser	Saginaw	Lois Marie Schoenfeld	Northbrook, Ill.	Marian Elaine Tillman	Gladstone
*Barbara Louise Lott	Holt	†Jo Ann Shumway	Tekonsha		
Arloa Doreen Marshall	Nashville	Roberta Ann Smith	Haslett		

#### DEGREE OF BACHELOR OF SCIENCE - Physical Science

*Samuel Leslie Alguire	Plainwell
Robert Lee Anderson	Clawson
†Joseph Lee Aubel	Lansing
Bruce Lee Barker	Charlevoix
James Robert Barwick	Lansing
*Carl William Bell	Highland Park
Duane Donald Beyer	Lansing
Roland Girard Bolduc	
Old Orch	ard Beach, Me.
Nancy Ann Bourassa Gerald Dwight Boynton	Bryan, O.
James Walter Brett	Grand Ledge
Alfons Buzas	Aylmer, Canada
†Gary Theodore Chartran	nd Lansing
Kenneth Jay Christians	Grand Rapids
George Raymond Christ	tie
	ault Ste. Marie
*Keith Allan Christoffers	on
Ma	idstone, Canada
Jan Austin Cortright	Laingsburg
Richard William Couch	
Kenneth William Denni	ings Hillsdale
*Gary Lee Dorer	
Martha Virginia Dudley	Birmingham
Aloysius Matthias Eaglin	
Neil McRea Edison S	

Harlan John Eldridge	Pulaski, N.Y.
Alec Gillespie	Grosse Ile.
Benjamin Nelson Gunnin	g
	Baltimore, Md.
Jack Edward Haan	Grand Rapids
Terry Evans Haas	St. Johns
Basil Constantine Halkid	es
	Grand Rapids
Margo Elaine Harrison	Lansing
Patricia Ann Hertzler	Arlington, Va.
Richard Lee Higbee	Grand Rapids
John Charles Humphrey	Ewen
Herbert Earl Johnson	Detroit
Joseph Robinson Jones,	Ir.
Charl	eston, W. Va.
Herman Joseph Junker P	hiladelphia, Pa.
James Daniel Kanitz	Traverse City
David Michael Keranen	Royal Oak
Robert James King	Grand Rapids
Robert Stanley Kolat	Bay City
Jerome Thomas Kresse	Buffalo, N.Y.
Kenneth Darrow Kohn	Fenton
Everette William Lefler	Cass City
Joseph Harry Lezovich, J	r. Morrice
Dale W. Lick	Attica
John P. Maurer	Nashville
Jour T. Triution	

Jerry Bruce McKay	Wyandotte
Alfred C. Medendorp	Grand Rapids
Frederick Ernest Mence	nberg Taylor
James William Monks,	
	ighkeepsie, N.Y.
*Roderick Kent Moore	Chesaning
Read Ellis Myers	Lansing
John Charles Neiman	Flint
*Lee Edward Nelson	Midland
*Richard Earl Palmer	Coldwater
Victor E. Papendick	Grayling
Richard Leighton Ream	es Cassopolis
Gerald David Sawdon	Flint
*Ronald James Slobodin	Muskegon
Morris Leslie Smith	Lawnside, N.J.
Edward James Sprenger	Coleman
†Richard Felt Squires	Sparta
†George Clark Summerfie	d Detroit
*Gary Dick Thomas	Williamston
Richard Alan Thorsby	St. Charles
Darrel Lee Van Conant	Capac
Joseph Henry Waibel	Pinconning
<sup>†</sup> Dean Bessmer Webb	Lansing
John Emerson Weiss	Avonmore, Pa.
†Wayne Cecil Wolsey	Battle Creek
Allen S. Wonch	Oak Grove

# DEGREE OF BACHELOR OF SCIENCE – Biological Science RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Robert Edward Dixon Frank Thomas DuByne,		*Maryln Joy Guenoff James Leslie Hill, Jr.	Lansing Grand Rapids	Sharon Katherine Palmer Doris Earleen Robbins	Dansville
Barbara Jo Embury	Napoleon, O. Detroit	Gerald Lee Hollowell Ann Mary Huhn	Kalamazoo Grand Ledge	*Elfrieda Joanne Schaefer Judith Ann Smith	Detroit Grand Rapids
	Grand Rapids	William Charles Jenkins	Nashville	Marvin George Weber	Chicago, Ill.
	auwatosa, Wis.	George Stephen Meyer	Jackson		and the second
Glenn Gordon Groner	Howard City	*Rita Marie Millsom	Saginaw		

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#### DEGREE OF BACHELOR OF SCIENCE - Physical Science RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Donald A. Anderson	Norway	Jerome John Garbus	Detroit	Donald Eugene Nearpass	Concord
Robert Clark Benson, Jr.	Lansing	Bertram Charles Gray	Jackson	Velma Marie Pinter	Bay City
Mildred Jeanette Brock	Corunna	Gary Cyrus Griffith	Williamston	Edward John Postema	Hart
John Nelson Clark	Barryton	Paul John Gulyas	Lincoln Park	*Robert J. Rentschler	Tecumseh
*Jack Leland Cluster	Benton Harbor	Lawrence Bernard Kelly	Seaford, N.Y.	George Joseph Seelman	Cornwall, N.Y.
†Mickey Wallace Dargitz	Blanchard	Lynwood Arthur Knudsen	Leland	Armond E. Spencer	Iron River
David Alan Davis	Lansing	Larrie James Lininger	Mason	Theodore C. Tomblinson	Flint

#### DEGREE OF BACHELOR OF MUSIC - Applied Music

William Alonzo Blanding, III	Donald Burton Circle	Spokane, Wash.	Billie Lou Murphy	Midland
Traverse City	*Nancy Elaine Kosier	Perry	DeLaine Lee Shama Skory	Lansing

# DEGREE OF BACHELOR OF MUSIC - Music Theory

+Laurence Richardson Taylor Hillsdale

#### DEGREE OF BACHELOR OF MUSIC - School Music RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Sylvia Jean Bates	Farmington	Alice Marie Fogle	Lansing	William Allen Seeback	Scottville
*Sally Hildegarde Bird	Davison	Kenneth Adrian Ish	Pontiac	†Elizabeth Anne True	Armada
*John Berry Boulton	Birmingham	William Gordon Johnson	Ludington	*Ivan Lowell Wait	Flint
Sharyl Jane Bryant	Fairfax, Va.	†Carolyn Mae Mawby	Belding	David Henry Walters	Grand Rapids
Joe Strange Catey	Grand Ledge	*Clarice Joan Olson	Wayne	David Williams	Detroit
Warren Charles Emrick	Gladwin	*Jon Joseph Polifrone	Durand	Ann Lou Woodruff	Owosso

#### DEGREE OF MASTER OF ARTS - Fine Arts

Robert Bruce Engle	Lansing	Paul Coleman Muller	Trenton	Sam Wayne	Warrensvi	lle Heights, O.
Nelson David Greer	Dundee	John Francis Murray	Lansing	Marvin Ruben	Zehnder	Frankenmuth
Robert Ewart Ihrig	Lansing	Ronald Marvin Rusling	Brighton			

#### DEGREE OF MASTER OF ARTS - Language and Literature

Ind. Claude Hunsberger Philadelphia, Pa.	Fran
Marjorie Malene Malvern East Lansing	
nines Dennis Lee Massie Owosso	Dona
Lawrence Claude Perry Ypsilanti	Edna
N.J. Herbert Ruhm New York, N.Y.	Fran
ising	
1	Marjorie Malene Malvern East Lansing pines Dennis Lee Massie Owosso Lawrence Claude Perry Ypsilanti

# DEGREE OF MASTER OF ARTS - Mathematical and Physical Sciences

Richard Fairbanks Arnold Oakland, Cal.	Louise Field Hanson	Olivet	Harish Chandra K. Mathur
Ronald Charles Dingman Saginaw			Jodhpur, India

#### DEGREE OF MASTER OF ARTS - Social Sciences

Walter Bartlett Abbott,	Jr. Shelby	Barbara
Harley James Adair	Munising	George
James Norman Allen	Coleman	Roger J
Walter Rosser Banks	Paulsboro, N.J.	Arnold
Midori Y. Battistini	Kobe, Japan	Donald
Mary-Clare Boroughs	Worcester, Mass.	Edward
Charles Mark Bourassa	Wyandotte	Donald

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B. Bray Lansing Charles Bubolz, Jr. East Lansing James Buzzard Huntington, Ind. Stanley Carson Charles Chaput Lansing Hubbell George Chorik Lewis Conrad Buffalo, N.Y. Lansing

James Henry Davis	
Michael Joseph Deeb	
Anthony J. Diekema	
David Lee Drury	
Thomas Kay Elliott	
STATISTICS STATISTICS STATISTICS	

Effingham, Ill. Grand Rapids Zeeland East Lansing Alma

nk Walden Thompson, Jr. Grosse Pointe Woods ald L. Wayland Flint a Marie Williams Elk Rapids nk Maddox Winn

Vancouver, Canada

#### DEGREE OF MASTER OF ARTS - Social Sciences (Continued)

Kieth Edwin Garrity Rock Island, Ill.
Michael Joseph Gilhool Dearborn
William Stanton Gregory Traverse City
William Harrison Haight, Jr.
Lake ·Orion
Robert Bruce Haldane Pasadena, Tex.
Donald Lyle Halsted Muir
Lloyd Daniel Hays Flint
Gerald Lee Hershey
Redondo Beach, Cal.
Henry Holstege Holland
Reynold Richardson Jeltema
Grand Rapids
Patricia Lipscomb Justice
Waynesboro, Va.
Journet David Kahn Baltimore, Md.
Sonia Kiriluk Lambertville, N.J.

Richard Seth Knowles Holt Roberta Greenall Koons Baltimore, Md. Fred Harvey Lang Lansing New York, N.Y. Irma Lesser Jacques Marcel Levy New York, N.Y. Edward Lewis Lezovitch Morrice Joel John Lowery Lansing Robert George Lyons Lansing Joann Stiles Maryo Bridgeport, Conn. Richard Laughlin McBane Garrettsville, O. Thomas Eugene Niedringhaus Kalamazoo Myron Everett Ranney Grosse Pointe Farms Edna Isabel Robertson Glasgow, Scotland

Winthrop Price Rowe, Jr.	Grand Ledge
Hannelore Sadezky	Chicago, Ill.
Warren Louis Sauer	Detroit
Russel Evert Schulz	Dimondale
George Bernard Seafort	Laingsburg
George Edwin Somers	Elsie
Theodore S. Swanson	
	sonville, N.C.
James Arthur Treloar	Marquette
Adelchi Valsi	Detroit
Anne Louise Vincent	Plymouth
Daniel Don Webb	Port Huron
Harry Porter Webb	Lansing
Ronald Lloyd Whitlock	Lansing
William Robert Williams	Eaton Rapids

#### DEGREE OF MASTER OF SCIENCE - Biological Sciences

Joan Elma Ahrenhold	Manhasset, N.Y.
Mary Louise Brock	Cleveland, O.
Robert Allan Davis	Flint
James Joseph Drake	Detroit
Jack Albert Eichmeier	Okemos
George Howard Fergu	son
North	Providence, R.I.
Lewis Allan Gustafson	Lansing
Jack Russell Hoffert	Grand Rapids
Wen-Tah Hsu Hwa L	ien City, Formosa
Thomas Bruce Irvine	Detroit
Robert Paul Jackson	
C	a 1.11. a 1

Straffordville, Canada

Donald Franklin Kiel Battle Creek Jack Knoll East Lansing John William Kools Holland Lee Virn Leak Chesterfield, S.C. Betsey Jane Krueger Ronald James McRipley Portland Ypsilanti Nelson Melendez Ponce, Puerto Rico Aaldert Mennega Grand Rapids Harry Donald Niemczyk Hopkins Eliezer Penaranda Pastor Tayug, Philippines Evan Harold Pepper Detroit Arthur Pitchenik Brooklyn, N.Y.

Gerald David Powell Lansing Rudolph Arthur Scheibner Escanaba William John Smith Ottawa, Canada Robert Lee Soles Alexandria, Va. Harvey Wesley Spurr, Jr. Maywood, Ill. Purnachandra Kesmavrao Talwalker Morvi, India Richard George Wiegert Onsted

#### DEGREE OF MASTER OF SCIENCE - Mathematical and Physical Sciences

William Fay Bradford	Royal Oak
Nancy Lou Chase	Battle Creek
Domenic Lawrence Del	Marte
	Bessemer
Burton Perkins Dennis	Adrian
David Edward Dewey	Manhasset, N.Y.
Donald Albert Dryden	Waterford
Stanley Harold Elman	Brooklyn, N.Y.
Ronald Ames Hill	Caro
Philip M. Husband	Big Rapids
Donald Arne Kangas	Midland
Laura Jean Kateley	Birmingham
Ronald Paul Kopenski	
	** ** *****

Niagara Falls, N.Y.

Yee Yu Lau Cholon, Viet-Nam Walton, W. Va. Robert Edward Lee William Wright Lester Carleton Peter Vernon Luce East Grand Rapids Eugene William Madison Memphis, Tenn. Joseph Hamilton McCoy Johnson City, Tenn. Victor Eugene Meyer St. Louis Neill Hodges Nutter Pontiac James Francis O'Connell Lowville, N.Y. Tehran, Iran Hossein Pazandeh Francisca Pons Mayaguez, Puerto Rico Roy Fred Quanstrom Gary, Ind.

Dorothy Marie Richardson

Pawhuska, Okla. William Campbell Sinclair Ann Arbor Donald Blair Siniff Grafton, O. Roger Anderson Solberg Felch Clarence Star Grand Rapids John Emmett Surbis Dearborn Gordon Stanley Utter Monroe Leonard A. Vander Lugt Grand Rapids Robert Alan Vehrs Detroit Elk Rapids Claude M. Watson Robert Charles Wild Lawrence Kei Han You Seoul, Korea

# DEGREE OF MASTER OF MUSIC - Music

Dorothy Schaefer Acevedo Marshall	June Dolores Brooks Slic	idell, La.	Ronald Floyd Salow
Charles Henry Aurand, Jr. Battle Creek	Albert Michael Dempsey		Duane Pulfrey Smith
Clinton Robert Barnard Litchfield	Sault Ste	e. Marie	Lisa Ann Takacs Youn
Dorothy Grace Bernhard	Boyd Charles Halstead	Flint	John Lawrence Whittington
Bay Shore, N.Y.	William Edward Rich M	larquette	
Byron Lloyd Blackmore Flushing	Robert Paul Roubos Battl	tle Creek	

Pontiac Saginaw Youngstown, O. gton Lansing

# BUSINESS AND PUBLIC SERVICE

# The candidates will be presented by DEAN ALFRED L. SEELYE

#### DEGREE OF BACHELOR OF ARTS - Accounting

	Irwin S. Alpern	Bay City	†Robert Wallace Jasson Win	niveg, Canada	James Vincent Rasdale St. Johns
	James Peter Bartlett		David P. Johnson	Union City	*Gerald Joseph Ravet Powers
	Robert Edward Bartley	New Buffalo	Joel Jones We	irton, W. Va.	†Marvin Russell Rendel St. Johns
	Richard Harold Beckeman	Muskegon	Walter Atwood Jones		James Arthur Roach Jamestown, N.Y.
	Larry Zane Benjamin	South Euclid	William Arthur Jones		Stanley Wayne Ruis Ellsworth
	Victor Elwin Bergall	Norway	Patrick Donald Kennedy		Leo Samuel Sapila Ishpeming
	Thomas Eugene Berry	Ferndale	Gerald Marvin Kirschner	Detroit	Walter Reed Sauer Sturgis
	Robert William Clarke	Charlevoix	Louis Steve Klimecky	Lansing	Richard James Schiesel St. Clair Shores
1	William Richard Cole	Detroit	Colin C. Lake		*Milford Jay Schuette Saginaw
	William Nelson Dahlquist	Trenton	Dale Harold Lalonde	Felch	Frank J. Schwartzfisher Petoskey
	Walter Austin Dunnigan	East Detroit	Robert Jay Lewis	Owosso	Miner Doyle Seager Brown City
	James Harry Dykstra	South Haven	William Singleton Macaule	ey	Robert Alan Shupack Hewlett, N.Y.
	H. Richard Eldredge	Pontiac		Grosse Pointe	Donald Frank Spyke, Jr. Muskegon
	David Bruce Findlay	Reese	Stephen Robert Mandell	Detroit	*F. Joseph Svec Traverse City
	John Frederick Fischer	Mt. Clemens	†George Clarence McAlliste	r Muskegon	Allen LeRoy Tiedt St. Johns
	Robert Stanley Frunk	Lansing	Maynard Samuel McDonald	1 Montgomery	Donald Max Traxler Pontiac
	Roger Lee Fuller	Lansing	Gerald Russell McKenzie	East Tawas	Joe Stanley Unrue Warsaw, Ind.
	Stanley Gawel	Detroit	Russell Arlinn Myers	Detroit	Thomas Andrew Valacak Benton Harbor
	Ronald William Gresens	Detroit	*Joseph John Negro I	ron Mountain	Roger Leon VanDenHout Sparta
•	Ray Thomas Harris	Detroit	Francis Gustave Nellett	Bay City	†John David Vander Ploeg Holland
	Eero John Haukkala	Wakefield	Robert Gene Newsted		Michael Yaskanin Linden
	*Noel C. Huyck	Carson City	Kenneth LeRoy Pagel	Saginaw	W. Don Zehnder Frankenmuth
	Harris Jay Jackson	Birmingham	Delmar Dee Peckham	Traverse City	

#### DEGREE OF BACHELOR OF ARTS - Business Administration

Jack Edward Carlston	Muskegon	James A. Hall	Niles	William Edward Osband	Grosse Pointe
William Herbert Cole	Lansing	Dale T. Ikeuye	Chicago, Ill.		
Robert Page Ghysels	Grand Rapids	Jack G. Mayo	Jackson		

#### DEGREE OF BACHELOR OF ARTS - Economics

David Vernon Abelew Milwaukee, Wis. Moline, Ill. Cynthia Ross Ainsworth Barrett LeQuatte Alley New York, N.Y. Edward Eugene Armstrong Grand Ledge \*Richard Hemicke Beck New York, N.Y. Lansing Albert Lawrence Beckon Larry Lee Behrenwald Lakeview John Donald Bergeon Mason Edward John Blissick Grass Lake William Nestor Bradford Norman E. Burtraw Royal Oak Lansing LeRoy Camel, Jr. Birmingham †April Elizabeth Cameron Grosse Pointe James Barry Canfield Alpena Frank Robert Caravette Blue Island, Ill. James Robert Carlson Manistee Phillip Carmen Celestino Sault Ste. Marie Charles Lawrence Clark Battle Creek Richard Dale Collins Midland Fred Charles Cooledge Traverse City Benjamin Jeffrey Cornish Birmingham Francis Leo Crocker Sault Ste. Marie Ira Drescher Bronx, N.Y.

\*With Honor †With High Honor

*Lynn R. Duryea	Hillsdale
Arthur Emmett Ellis	Jackson
*Sigurd Eriksen, Jr.	Lansing
Baldassare Anthony Ferrara	<b>Favlor</b> Center
Richard Herbert Fine Pough	
† Joseph Alfred Fowlkes M	
Leonard William Gamber	
James Edward Garside Plyn	
James T. Gifford	Bay City
Robert Nathanial Gordon	Pontiac
Robert William Greer	Detroit
Richard Playfair Greig	Franklin
Henry Michael Grubel	
New Yor	rk City, N.Y.
William Chapman Hamm	Pontiac
Samuel Elijah Harris	Flint
Richard George Hebeler	St. Johns
James E. Hillman South	
Steward Binder Hoffman, J	
	Omaha, Neb.
Gary Michael Hopper	Midland
William Arthur Howchin	Flint
*Robert Edwin Hughes 1	Mansfield, O.

Frederick David Humes	Lansing
Bruce Odell Hutchinson	Kalamazoo
†Clark Lewis Hutchinson	Fennville
Sidney Harold Israel	Detroit
	ew York, N.Y.
Kenneth Albert James S	Sarnia, Canada
Daniel S. Janicki	Detroit
Duane Johnson	Jackson
Martin Leonard Jones	1. 1. C. 1
Ballst	on Lake, N.Y.
Laurence Philip Keelan	Kalamazoo
Thomas Parkin Kent	Buchanon
James Walter Kesterke	St. Joseph
James L. Knight	Marlette
Patrick William Knox	Saginaw
Richard Clare Kramp	Pontiac
Joe R. Kurka	Ovid
Richard Frank Lange Whi	te Plains, N.Y.
Ronald Winfried Lange	Saginaw
William John Leach	Lansing
Harmon M. Leder	Jamaica, N.Y.

#### DEGREE OF BACHELOR OF ARTS - Economics (Continued)

James Allen Lytle	Norfolk, Va.
<b>Richard Phillips Maher</b>	
Elliott Manuel Marin	Oceanside, N.Y.
David Robert Martin	Detroit
Donald George Mason	South Haven
Janet Elaine Matisek	St. Clair Shores
Edward Royce Matson	
Ft	. Lauderdale, Fla.
Merle Dean Mecord	Lansing
Thomas James Meltzer	Clawson
Richard Alan Mills	Flint
Edward Raymond Mod	ney Bronx, N.Y.
Richard Murrin Mott	Adrian
John Cramer Mullen	Detroit
Michael Kevin Mulvihi	ill Grand Rapids
Louis Michael Murphy	Buffalo, N.Y.
Frank Louis Nemechek	Aurora, Ill.
Russell Arthur Noggle	Niles

John William Noyes North Bay, Canada Floyd Byron Osgood DeWitt John Richard Parker Ann Arbor David Alban Proulx Saginaw Donald Harry Richard Clark Lake Edward John Roberts Detroit Richard Leland Roggenbuck Detroit William Meier Rossman New Buffalo \*Stanley Andrew Rourke Highland Donald Lee Rumbles Mason Daniel Arthur Schaitberger Grosse Pointe Gordon Herman Schultz Manchester Grand Rapids \*Bruce William Seeds James Robert Shaw Brigden, Canada Albert Thomas Shawl Flint Joseph Frank Shields Flint Richard R. Smith Birmingham

Sterling, Ill.

Muskegon

Cheboygan

Detroit

Darien, Conn.

Chattanooga, Tenn.

<b>Richard Matthew</b>	Squires
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and the second second	Riverhead, N.Y.
Jerry L. Stone	Ithaca
Roger David Stouffer	South Bend
John Joseph Sullivan	Branford, Conn.
Kenneth F. Tancock	Detroit
William Hackett Ulme	r
	East Aurora, N.Y.
Bennie Ramon Warden	Pontiac
Robert Lee Warren	Rochester, Minn.
Robert Craig Weaver	Midland
Patricia Anne Weber	Lansing
Gary Wexler	Detroit
Jack Darrel Wiltse	Alpena
Robert Charles Wolfgr	am Saginaw
Robert Stevens Wray	Detroit
Michael Frank Zaremh	oa, Jr. Monroe

#### DEGREE OF BACHELOR OF ARTS - Food Distribution

Herbert Andrews Abrash	Grosse Pointe	Sam H. Halliburton	S
Richard MacKay Arney	Austin, Minn.	Clelio Mario Improta	Dar
Marion DeVon Bohnstedt		*Edward Lawrence Meille	eur
South	Whitley, Ind.	William Burton Milan	
Peter John Braschoss, Jr.	Yonkers, N.Y.	Millis Frederick Mulkey	, Jr.
William Ellsworth Brokaw	Mason	Cha	ttano
Arnold H. Fisher	Hamtramck	Peter Hanson Nemecek	

#### DEGREE OF BACHELOR OF ARTS - General Business

Hale

Perrington Donald Junior Acker Loren Chester Adgate Saranac Wilfred Henry Agosta Plymouth Melvyn Merle Albirte Midland Ross Allen Alguire Plainwell David Henry Allen Ludington Joseph William Ammon Dearborn Rolph Ely Anderson Buchanan Muskegon Thomas Lyle Arntz Robert Thomas Baker Fair Haven Sally Elizabeth Baker Asheville, N.C. Ervin Robert Barnefske Owosso Keith Leroy Barnes Sandusky Thomas Hunter Bartlett Detroit Robert Wesley Beebe Saginaw David John Belfore Grosse Pointe Randall Lynn Besch Lakewood, O. Robert L. Beystrum Vermontville William Everett Blandford Grand Rapids Duane Leo Blumke Saginaw Calvin William Bock Grosse Pointe Robert Maurice Borchard Rochester, N.Y. Alan George Boring Swartz Creek Henry Joseph Boullard Lansing William Harrison Boutell Bay City Roger Joseph Bowen Spring Lake Duane Merlo Bower **Big** Rapids Clarence Brainerd Chesaning Thomas Edward Brelsford William Thomas Brockett Plainfield, Ill. James Frederick Brown Pontiac

James Donald Brumels Grand Rapids Ilene Gay Bryant Grosse Pointe William Everett Burch, Jr. Flint John R. Burgess Northville †Conrad Weir Burkman Birmingham \*Thomas Reid Bye Sault Ste. Marie Joseph Gerald Catarello Joliet, Ill. Bruce Dale Champion Algonac Gerald Gordon Chauvin Detroit Dominick Demetrio Chila Detroit Robert Gabriel Chopp Ahmeek Charles Duane Christie Anchorville Rochester, N.Y. Alan Hunt Clark Jack Elton Clink Morley West Branch Gary Gene Cooper John Leighton Cox Detroit Kenneth Floyd Dafoe Hamilton, Canada Alphonse B. Dalimonte Sault Ste. Marie James Bruske Davidson III Midland \*Bernard Smith Davis East Lansing John G. Dobben Jackson Jack Bernard Doremire Midland William LeRoy Downs North Star A. Keith Dressell Detroit Edmund George Dyla Detroit Roger Dean Eberly Mason Russell Nolan Edgerton Detroit Roy Edwin Elliott Flushing Jackson \*Kenneth Donivan Erwin Barry Benjamin Ewbank Albion Gordon Walter Faust Grosse Pointe

Arvin LeRoy Olson	Webster, S. Dak.
Fred Nickolas Oreel	Berwyn, Ill.
*Timothy Joseph Payto	n
I	auceston, Australia
Sidney Setzer	Jacksonville, Fla.
Asher Jacob Sky	Altoona, Pa.

Sidney Setzer	Jacksonville, Fla.
Asher Jacob Sky	Altoona, Pa.
Peter Howie Trivers	Pasadena, Cal.

Thomas Michael Feist Conemaugh, Pa.
Barry Leigh Feldpausch Grand Rapids
Diana Adele Ferris Detroit
William Howard Field Buffalo, N.Y.
Dorothy Mae Fisher Jackson
Francis James Fitzpatrick Petoskey
George Henry Ford Dearborn
Harry Lou Fortier Ludington
*Robert B. Foster Hastings
Joseph Frederick Fowler Sault Ste. Marie
Gale Morley Fox Saginaw
James Anthony Garavuso Baldwin, N.Y.
Allen Charles Geiger Flint
Jeremiah Francis Gendron Ironwood
Clifford Alter Gheen, Jr.
North Tarrytown, N.Y.
Donald Foster Gibbs Chicago, Ill.
Richard Lee Goetz Detroit
Richard Lee Goetz Detroit Gilbert R. Graham Harper Wood
Gilbert R. Graham Harper Wood
Gilbert R. Graham Robert Bruce Grinager Harper Wood Farmington
Gilbert R. Graham Robert Bruce Grinager Robert James Grinnell Harper Wood Farmington Lansing
Gilbert R. GrahamHarper WoodRobert Bruce GrinagerFarmingtonRobert James GrinnellLansingWilliam Harris HaakOwosso
Gilbert R. GrahamHarper WoodRobert Bruce GrinagerFarmingtonRobert James GrinnellLansingWilliam Harris HaakOwossoGordon Kies HagadornAlmaC. William HagerSt. John, Kan.
Gilbert R. GrahamHarper WoodRobert Bruce GrinagerFarmingtonRobert James GrinnellLansingWilliam Harris HaakOwossoGordon Kies HagadornAlmaC. William HagerSt. John, Kan.
Gilbert R. GrahamHarper WoodRobert Bruce GrinagerFarmingtonRobert James GrinnellLansingWilliam Harris HaakOwossoGordon Kies HagadornAlmaC. William HagerSt. John, Kan.John Jay HamiltonBattle Cerek
Gilbert R. GrahamHarper WoodRobert Bruce GrinagerFarmingtonRobert James GrinnellLansingWilliam Harris HaakOwossoGordon Kies HagadornAlmaC. William HagerSt. John, Kan.John Jay HamiltonBattle CerekLawrence Francis Harding, Jr.Detroit
Gilbert R. GrahamHarper WoodRobert Bruce GrinagerFarmingtonRobert James GrinnellLansingWilliam Harris HaakOwossoGordon Kies HagadornAlmaC. William HagerSt. John, Kan.John Jay HamiltonBattle CerekLawrence Francis Harding, Jr.DetroitHarold Irvin HatherlyHolly
Gilbert R. GrahamHarper WoodRobert Bruce GrinagerFarmingtonRobert James GrinnellLansingWilliam Harris HaakOwossoGordon Kies HagadornAlmaC. William HagerSt. John, Kan.John Jay HamiltonBattle CerekLawrence Francis Harding, Jr. DetroitHarold Irvin HatherlyHollyCharles Frederick Hatter
Gilbert R. GrahamHarper WoodRobert Bruce GrinagerFarmingtonRobert James GrinnellLansingWilliam Harris HaakOwossoGordon Kies HagadornAlmaC. William HagerSt. John, Kan.John Jay HamiltonBattle CerekLawrence Francis Harding, Jr. DetroitHarold Irvin HatherlyHarold Irvin HatherlyHollyCharles Frederick HatterFlintJohn Stanford HaydenRoyal Oak

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With High Honor

DEGREE OF BACHELOR OF ARTS - General Business (Continued)

\*Theodore H. Hinchman III Grosse Pointe Wesley Garnet Hinkle Detroit Donald Roy Hixson Chicago, Ill. Charles William Hoefs Elgin Eugene Ronald Holder Algonac David Morgan Holland Marine City James David Holmberg Owosso Wesley Carlton Hubbard Wayne Robert Donald Hughes Detroit James Lawrence Hunt Owosso Harold Dean Huskey Covington, Tenn. Peter Patrick Hutnik Flint Robert Sam Jobe Flint Thomas Lee Kanillopoolos Lansing Thomas Francis Kearney Gravling Kenneth William Keller Bronx, N.Y. James Albert Kellev Aurora, Ill. John A. Kenel Saginaw William Lundy Kennedy Buffalo, N.Y. Willard Don Kigar Gladwin Thomas Walter Kimen, Jr. LaGrange, Ill. Royal Oak Frederick Carl Koenig Kenneth Harold Kohlman Detroit Trent LaForest Krantz Grandville Henry G. Krebs Montclair, N.J. \*Bernard William Kunky Traverse City Thomas Allen Kwasny Dearborn Richard Vaughn LaBarre Battle Creek Albert Philip LaMachio Royal Oak Charles James Larkin, Jr. Lansing Peter John Lasky Troy, N.Y. Robert Edwin Leipprandt Detroit Hamilton Ward Lewis, Ir. Grosse Pointe Farms Karl George Lievense Grand Rapids LeRoy Allen Lindstrom Stambaugh Charles Augustus Littlefield Bronson Phyllis Jean Loesel Frankenmuth David B. Lucke Flint \*Donald Carl Lundberg Joliet, Ill. Ronald Hal Lynch Dearborn John Frederick MacDonald Royal Oak James Paul Mack Detroit Barbara Anne MacMeekin Detroit James Ware MacMeekin III Saginaw Jack Melvin Maison Imlay City Lvnn C. Mallary, Jr. Marshall George Stephen Manspeaker Buchanan †Ronald Lee Marceau Lansing Richard Carter Mason Lansing Stuart Knappen Matheson Grand Rapids Lowell Jack Mattison Royal Oak James Elwin May Ocsoda William Ray McCaleb Lansing

Dean Robert McConkey Durand William Edward McConville Broad Channel, N.Y. Richard Scott McCurdy Grand Rapids Robert Courtney McGee Norfolk, Va. Gerald A. McGlinnen Detroit Paul Albert Mendelsohn II East Lansing Bernard Joseph Mikowski Traverse City John David Mish, Jr. Manistee Samuel Johnson Mitchell Lansing Salvatore Peter Monte Riverside Jack Alden Moore Interlochen Thomas L. Moore Hornersville, Mo. Earl Joseph Mottard Carney James Edward Nelson Manistee Herbert Newman New York, N.Y. Thomas Novakoski, Ir. Lansing Lawrence Elmer O'Toole Lansing Herbert John Otto Lansing Winnipeg, Canada Ross A. Parke Gordon Bell Parker Flint Gus Forrest Patrick, Jr. Lansing **Ierold Louis Patton** Detroit **Richard Carol Pavne** Lincolnwood, Ill. Michael Anthony Pelle Elmont, N.Y. Charles Danforth Pettys Newtonville, Mass. Lawrence Harvey Pfent Detroit Phyllis Miriam Pforr Manhasset, N.Y. Thomas Bertram Pomeroy Carson City Donald Arthur Pouliot Escanaba Melvin Dale Prentice Springfield, Ill. John Henry Priebe Detroit Donald Lee Prouty Dearborn Victor Henry Pruder, Jr. Roseville Joseph Ludington Reading Crystal Lake, Ill. Emil Baptist Rechsteiner Toledo, O. Robert Joseph Rigoni Iron Mountain Alan Jerry Rosendall Grand Ravids Arnold Peter Rosenfeld Bronx, N.Y. Donald Linn Rowe Roval Oak Roger Paul Rummel Birmingham Leslie Edward Rutledge, Jr. El Paso, Tex. Thomas Marty Ryan Grand Ledge Shirley Katherine Saffady Lansing Shogo Saito Honolulu, Hawaii Robert Angus Sangster Cheboygan Charles William Satow Sebewaing James Christian Schneider Marquette Clemence Joseph Schuelke Muskegon John Dale Schwerdt St. Joseph Karl Louis Schwinger Saginaw Jack Roscoe Scott Lansing

Ronald Gene Searcy Michigan City, Ind. Conrad Deal Seidel Saginaw John James Setlock Buffalo, N.Y. John Richard Shaw Roval Oak Owen Gene Sherberneau Traverse City Donald Leslie Siegan Detroit Michael Collins Slagel Glen Ellyn, Ill. Joseph Albin Slaius Carney Grand Rapids Kent John Slater Louis Michael Slivensky Pontiac Thomas Wilburt Smale Detroit \*Gerald Charles Smith Detroit Rolland A. Smith St. Johns **Richard Rhinehart Sorensen** Evart Gary Lynneer Spees Pontiac Beverly Kay Spencer Flint William Charles Spidle Flint Stanley Albert Star Fredonia, N.Y. **Joel Douglas Steury** Grand Ravids \*Alan K. Stonex Brighton Richard Edward Stover Breckenridge Donald Bruce Stratton East Lansing Ronald Jack Struit Grand Rapids James Alexander Sutton Sault Ste. Marie Arthur Raymond Swanson, Jr. Ionia Detroit Kenneth Edward Tebbetts Gavland Lou Tennis Charlotte Lawrence Franklin Thompson Troy Terry T. Tice Massena, N.Y. Donald Marion Traskos Dearborn Earl Jay Vander Ploeg Holland Robert Van Hoesen East Lansing Luis Fernando Vela Cincinnati, O. Vernon Joseph Venner Detroit \*James Stanley Voorheis Birmingham Evergreen Park, Ill. Peter Walter Voss Vincent Arthur Wade Buffalo, N.Y. \*Donald Wayne Wagoner, Ir. Niles David Russell Wenger Quarryville, Pa. Robert D. Werner Lansing Kay Hall Wernig Fenton Richard Melvin Wetenhall Flint Charles E. Williams Detroit Lawrence Lee Wills Saginaw William Francis Wilson Detroit \*Charles Howard Wing Owosso Clarence Elmer Wirsing Auburn William Wallace Wogan, Jr. Detroit Floyd David Wonn Detroit Ronald John Woods Buffalo, N.Y. Clark Newell Woodworth, Jr. Ann Arbor Frederick Arthur Wright Carson City James Peter Zubulake Williamston Victor Alvin Zucco Renton, Pa.

#### DEGREE OF BACHELOR OF ARTS - Hotel, Restaurant and Institutional Management

Stanley Crawford Amick University City M

	- CINOVO	13009 0009, 1110
Thomas Foster	Anderson	Saginar
Ronald Howard	Avers	Algona
Herman Joseph	Berghoff	Wilmette, Il

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ck		John D. Bomber	Menominee	Donald Nicholas Cavanaugh, Jr.
ive	rsity City, Mo.	*Robert Henry Burns, Jr.		Wyoming, O.
on	Saginaw	St.	Petersburg, Fla.	*Charles Dana Chandler Indianapolis, Ind.
	Algonac	Robert Love Campbell	Pittsburgh, Pa.	David Copeland Chandler Ithaca, N.Y.
off	Wilmette, Ill.	Thomas George Carlson	Grand Rapids	Franklin Chapnick New York, N.Y.

#### DEGREE OF BACHELOR OF ARTS - Hotel, Restaurant and Institutional Management (Continued)

William Maurice Clithero Sterling, Ill. Ronald Lee Manning Cook Rockford, Ill. Richard Ernest Cregar Detroit Newton Moses Davis, Ir. Detroit James Patrick DeLapa Traverse City Royal Oak Peter John Eckel, Jr. Dennis Scott Farley Ludington Charles Ernest Flaim Chicago, Ill. James Patrick Frawley Saginaw †John Lloyd Garrett Petoskev Williamsville, N.Y. Jack Harvey Geis James Francis Gibney Saratoga Springs, N.Y. William Rice Goodale Albany, N.Y. Frederick Anthony Graczyk Detroit Frederick Bahr Grant Highland Park, Ill. Terrence Clyde Green Fort Wayne. Ind. Arthur Lee Greenbaum Shaker Heights, O. John Robert Haskett Buffalo, N.Y. Evanston, Ill. George Burgess Haupt James Donald Heller Santa Ana, Cal. Dale Albert Henson Snyder, N.Y. Marquis Edward Huston II Pleasant Ridge

John Layton Jordan Cincinnati, O. Robert Willis Julier Town & Country, Mo. Donald Clare Keiser Lowell

Detroit Gregory Keurejian †Evans Ronald Knight Summerville, S.C. Robert Arthur Knight Garland, Me. Joseph Edward Korcyl Bemus Point, N.Y. \*Martin Alfred Kreger Livonia John Richard Kropf II Plymouth Charles Michael Kutner Westbury, N.Y. Franklin Delano Lambert Terra Alta, W. Va. Thomas Hamre Larsen Newton, Mass. Verna Mae Levitt Detroit Jack Norman Limmer Jackson Kelly A. Ludvigsen Kalamazoo Martin Alan Lund Brooklyn, N.Y. Kenneth James McCormick, Jr. Somerville, N.I. Karnig Michael Melikian, Jr. Indian Orchard, Mass. Stanley Hughson Meyer Barrington, Ill. Pittsburgh, Pa. Harold Jay Milton Robert Irving Moe Mountain Lakes, N.J. \*Terry Duncombe Molitor Grand Rapids Marco D. Monti Rockford, Ill. Lewis Hartzell Moyer St. Petersburg, Fla. Colin Gilbert Nadeau Troy, N.Y. Hal Meyer Pattullo Wilmette, Ill. Fremont, O. Lawrence Herbert Pete

John Flynn Pogue Pelham, N.Y. James Joseph Polczynski Milwaukee, Wis. James Hilton Ramsey Yorktown, Ind. \*Lenora Violet Rathbun Saline John Walter Reid Lansing Victor E. Rimes Huntington Woods Frank Romanelli Dearborn John Richard Schwartz Birmingham Robert Leslie Shettleroe Dundee Barbara Louise Smith Lansing Oak Hill, N.Y. Josepha Marie Smith Melville Walter Sneddon Ferndale Allan Bennard Stromberg Stromsburg, Neb. Robert Allan Sutton Kalamazoo Richard Dewey Thomas Lawrence James Tomich Holt Summit, Ill. Robert Carson Underwood Lansing Milton George Utter Berkley Marilyn Lorraine VanValkenburgh Howard City Ronald Eugene Vernon Wheaton, Ill. Toledo, O. Philip Russell Wahl Louis Weckstein Canton, O. Max Curt Widawer San Salvador, El Salvador

Mary Catherine Wilson Mass

#### DEGREE OF BACHELOR OF ARTS - Political Science

Lallie Mae Bailey	Cleveland, O.
*Gerald Duane Balch	Jackson
*William Brooks Barrons	Midland
*Noble Bright, Jr. (	Cape May, N.J.
Patricia Doris Call T	onawanda, N.Y.
Bruce Atwood Clark	Jackson
Claude Eugene Clenden	on Norfolk, Va.
Charles Leslie Collinson	Grosse Pointe
Ronald Edward Covault	Berkley
*Norman Jacob Daniels	Sandusky
Edwin Roper Davis Bi	loomfield, Conn.
Dean Roger Dietrich	Alpena
Charles Arthur Dinsmoo	or Battle Creek
*Anthony Scully Earl	St. Ignace

Inchard David Lider	Lunsing
Howard Victor Elfman	Chicago, Ill.
*Robert D. Farley, Jr.	Leslie
*Robert Towers Gates	
Bolton	Landing, N.Y.
James Marne Gleason	Royal Oak
Edwin Adaib Hancock,	r. Mullett Lake
<sup>†</sup> Louise Ann Hornbeck	Pittsburgh, Pa.
Geraldine Elizabeth Kav	anaugh
North	Syracuse, N.Y.
Jimmie W. Kehm	Flint
James A. MacKinnon	Grosse Ile
Patricia Jean Mark	Sturgis
+Marilou Mausteller	East Lansing

I ancing

Roger Dale Missimer	Reading
*Patricia May Nash	Pineville, La.
†Roger Frank Pajak	Bay City
Joseph Frederick Palm	Bad Axe
Robert Henry Peters	Grosse Pointe
James Joseph Phelan	Saginaw
†Audrey B. Ross	Allen Park
*Karen Sue Rossow	Plymouth
Howard Michael Rubin	Rockford, Ill.
Jonathan Gentry Thomson	Dearborn
Elizabeth Ann Troester	Detroit
Ernest George Vorenkamp	Grand Rapids
Peter A. Zanghi	Buffalo, N.Y.

#### DEGREE OF BACHELOR OF ARTS - Secretarial Administration

Mary Cathryn Critz	Vicksburg	Karen Tompsett Johnston	Rockford	*E'Laine Constance	Simonds
*Marilyn Jean Douma	Petoskey	Nancy Kay Partenheimer Pi	ittsburg, Pa.		East Lansing
Elsie Jean Fritz	St. Clair Shores	*Charlene Joanne Pelton Rock	ey River, O.	Karen Lea Slater	Fort Wayne, Ind.
Valarie Ann Gale	Owosso	Marilyn Rosine Schneider	Lansing	Carole Jean Thompso	n Grosse Pointe
Jane Gail Gangler	<b>Bloomfield Hills</b>				

**Bichard David Elder** 

#### DEGREE OF BACHELOR OF ARTS - Social Work

*Robert Ward Bobertz	Mio	Sally Ann Essig	Ionia	Sharon Darlene Roslun	d Jackson
Ana Maria Bundesen	Grosse Pointe	Thomas Michael Goretzka	a Battle Creek	*Jean Ann Sanders	Flossmoor, Ill.
Nancy J. Converse	Goodrich	Joanne Beverly Holbrook	Dearborn	Janet Kay Scott	Jackson
Jonathan Arnold Cronk	Detroit	Carol Larsen	Grosse Pointe	Ashia Ann Wald	Aldershot, Canada
*Jane Horton Crouch	Clinton	*Peggy Atlee Munce	Brighton	Jane Sydney Woolum	Kalamazoo
Harold Carl Dukes	Detroit	Betty Jane Oldfield	Flint		

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#### DEGREE OF BACHELOR OF ARTS - Business Education RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Susan Irene Chaffee Glen Rolin Chapin Janet Baxter Eddy *Elaine Ellen Elder DEGREE OF BACHELO	skegon Heights Detroit Hemlock Detroit Deerfield	<ul> <li>†Elizabeth Ann Ferkowicz Ruby Marie Gove</li> <li>*Norma Jean Hackett Gerald Duane Hanson Betty Lynn Haun Roger Dean Hoyt Kristin Ana Hunsicker Janet Marie McConnell Arlene Joyce Nichols Lawrence Wayne Pede Bette Anne Poulos</li> <li>Conomics</li> <li>COLLEGE OF EDUCAT</li> </ul>	Silverwood St. Johns Ionia Cheboygan Detroit Pontiac Ithaca Hartford New Boston Charlotte Ionia	Mary Anne Prybylowicz Barbara Neal Saine *Carolyn Ann Shattuck Virginia Marshall Simons Karl William Stearns Kay Carolyn Sweet Linda Lee Unthank Mary Carolyn Vernier *Beverly Marie Weber Kaye Frances Wood *Loretta M. Zaleski	Dearborn Chicago, Ill. Birmingham on Sandusky Gaylord Flint East Detroit Mt. Clemens Mt. Clemens Flint Belleville
Robert Bruce Bridgman Can	andaigua, N.Y.	*Paul Gene Hecker George Edward Johnson	Grand Rapids Buchanan	George T. Wakulsky †Donald Henry Zysk	Lansing Grand Haven
DEGREE OF BACHELO RECOMMENDED JOIN		Political Science IE COLLEGE OF EDUCAT	TION		
Caroline Helen Gezon Harold Richard Graham Jack Eldon Harris	Grand Rapids Traverse City Traverse City	T. V. Johnson, Jr. Carroll Frederick Sattler John Robert Sommers	Detroit Cedar Ramsay	*Elizabeth Leona Stewart †Daniel Robert Webber	Detroit Saginaw
DEGREE OF BACHELO	R OF SCIENCE	– Police Administration and	Public Safety		

Donnell Cobb Alphin Mt. Olive, N.C.	
Neal Ervin Bennett Manton	
Newell James Berger, Jr. Three Rivers	
Cornelius James Curran	
Leominster, Mass.	
*Harold Leo Fabriz Minneapolis, Minn.	
Robert Allen Fisher Cape May, N.J.	
LeRoy Allen Fladseth Lansing	
Robert John Forman Battle Creek	
Ardyn Altmont Greig Pontiac	
*Robert Charles Grigereit Benton Harbor	
Donald LeRoy Grossmeyer East Tawas	
Harold James Hebert Nahma	
Rolland Neal Hughes Tawas City	
James Charles Hunt Lansing	
Barbara Lou Jacobs Petersburg	
Rudd Hale Johnson Highland Park, Ill.	

Edward Houghton Kay, Jr.	
	Grosse Pointe
Lawrence Patrick Kunze	Alpena
*Beryl Langford	Okemos
Thomas Frank Lobkovich	Detroit
*Ernest James Marquardt, Sr	. Ann Arbor
Luitpoldo Juan Marrero-Rey	yes
Santurce,	Puerto Rico
Finlay McCormick F	Kearney, N.J.
Wesley Owen Mewer	Lansing
*Vernon Don Meyer	Dayton, O.
William Lynn Millar	Lansing
Robert Kenneth Mitchell H	ighland Park
Vincente Garrido Munoz	
Sin	ajana, Guam
William Joseph Olivanti In	on Mountain
Robert William Proctor	Bay City

*Earle B. Roberts	Snyder, N.Y.
Donald Frederick Schnett	ler Detroit
Lyndon Robert Shaftoe	St. Ignace
Duane E. Sholes	Jackson
Yvonne Marie Simcox	Ashley
*Maynard Elon Spotts	Jonesville
Thomas Dexter Strong	Grand Rapids
James Roy Thorne	
West H	lartford, Conn.
Paul Ray Toland	Clinton, Ia.
Benjamin Franklin Valim	ont Monroe
	ault Ste. Marie
John William Wageman	
We	est Chester, O.
Paul James Watson E. H	Providence, R.I.

#### DEGREE OF BACHELOR OF SCIENCE - Land Architecture and Urban Planning

Howard John Bellinger	Muskegon
Dale Francis Bertsch	Sandusky
Richard Aaron Bliss	Midland
Frank William Brutt	Elmhurst, N.Y.
David Albee Campbell	Franklin
Donald Lawrence Child	ls Wilmette, Ill.
William Franklin Eberh	art Massillon, O.
Richard Thomas Ehlert	Springfield, Ill.
Judith N. Bittner Ewa	lt
S	state College, Pa.
Terry Clark Gerrard	Decatur, Ill.
Bill Ray Hawes	Quincy
Frank Branson Heid	Flint

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Roger Wilson Ingels	Toulon, Ill.	David Ern
Douglas Ernest Jacobson	Bay City	James Chr
Richard Doughty Johns	on Detroit	Richard N
David Charles Klauba	Chicago, Ill.	Robert Fra
†Otto St. Clair Krebs, Jr	. St. Louis, Mo.	Carl Henr
Melvin K. F. Lau W	Vahiawa, Hawaii	Jack Elwin
Charles Matlaga	Elizabeth, N.J.	Dan L. W
Robert Neil Mosholder		Rolf Willi
Richard James Mueller	Detroit	George St
William Lewis Peacock		
Donald Lynwood Peet	Wayland	Thomas C
Donald Francis Penegor	Ontonagon	
Maurice William Roach	, Jr. Port Huron	

Brooklyn, N.Y. nest Rubin ristopher Scott Detroit **Norval Smith** Lansing ancis Smith Keego Harbor ry Steffen Center Line Allegan South Bend, Ind. in Wedge Wilson liam Wollenweber Washington tanley Woodhouse Mt. Clemens Charles Zimmerman

Traverse City

#### DEGREE OF MASTER OF ARTS - Accounting

James Earl Brown	Richmond, Va.	Stanley
Philip Joseph Collins	Hammond, Ind.	Leda Ju
John Ream Cory	Canton, Ill.	
Ronald Wayne DeLo	ng	Richard
1	Muskegon Heights	George
Vance H. Dillingham	Lansing	

Wendell Gustafson Lansing unqueira Henriques Rio de Janeiro, Brazil d Clair Klamer Hudsonville Athanasius Paraskevopoulos Athens, Greece

Jesus Pacquing Rasalan

Quezon City, Philippines Ralph A. Talboys Boyne City Richard Scherer Weinman

Steubenville, O.

#### DEGREE OF MASTER OF ARTS - Business Education

J. Curtiss Guy	Menominee	Eleanore J. Myr	Luther	M. Agnes Titkemeyer East Lansing
Mary Alice Hillman	Chesaning	Mary Viola Nellis	Ann Arbor	Jacqueline Irene Tompkins
Jerry Alan Moeller	Muskegon Heights	Thomas Francis Ritter	Petoskey	Louis Nicholas Warner Custer
Shirley Joy Mull	Lansing	Dorothy Carolyn Thick	Highland Park	

#### **DEGREE OF MASTER OF ARTS – Economics**

Nazar Abbas Bokhari	George Stanley Groves	Verdun, Canada	Fremont A. Shull, Jr. Findlay, O.
Peshawar, Pakistan	Richard Edward Klein	Ithaca	Carl Anthony Smith Defiance, O.
Glenn Morris Emery, Jr. Birmingham	Lloyd David Orr	Battle Creek	James Armond Underwood Midland
Robert William Fisher Hamtramck	Robert Harris Renshaw	Coldwater	

#### DEGREE OF MASTER OF ARTS - Food Distribution

Enrique Abruna	Robert J. Dunn Paterson, N.J.
Puerto Nuevo, Puerto Rico	William John Esrich Newburgh, N.Y.
William Henry Armstrong Sharon, Pa.	Richard William Foster Joliet, Ill.
Herman Francis Baechle	Thomas Kenneth Gabriel
Ste. Genevieve, Mo.	Ridgewood, N.J.
Theodore Hendrickson Baker Detroit	Gerald Allen Gaskell Battle Creek
Thomas Patrick Barrett Lowell, Mass.	Thomas Mitchell Giambruno, Jr.
James Edward Bell Three Lakes, Wis.	Plattsburg, N.Y.
John Francis Benson North Bergen, N.J.	Richard Maurice Healy
James Augustine Casserly Albany, N.Y.	Packanack Lake, N.J.
Jon Edward Caton Enid, Okla.	Robert Brammer Ilten Okemos
Charles Russell Crague	Joseph John Jerz Calumet City, Ill.
Indianapolis, Ind.	Robert David Lustberg
Robert Advil Davison Florence, S.C.	West Englewood, N.J.
James Orden Douberley Dundee, Fla.	Ernest Edwin Mazurek Amsterdam, N.Y.

John Barrett McInerney

	Wellesley, Mass.
Merlin Ray Miller	Toledo, O.
Richard Neal Picard	Champaign, Ill.
Bobby Daniel Reusser	
Burton Joseph Schwait	Philadelphia, Pa.
Maynard Burton Shaw	
Lee Jerry Strock	Portland, Me.
Edward Arnold Wells	Chicago, Ill.
Frank L. Wiseman	Omaha, Neb.
John David Wooding	Chicago, Ill.

#### DEGREE OF MASTER OF ARTS-General Business

Alfonso C. Albuquerque An	antes
Sao	Paulo, Brazil
Arman Joel Balk	Fulton, Ill.
John William Bishop	Birmingham
Donald John Bowersox	Lansing
Richard Bidwell Brelsford	Beaverton
William Bertram Brooks	Farmington
James Lairo Buchanan	Birmingham
Donald Henry Carlson San	Mateo, Cal.
John Lyle Christie	Kalamazoo
Anthony John Coscia	Akron, O.
Edwin Joseph Duda	Bangor
Paul Douglas Fergeson	Breedsville

James Jackson Ford	Lansing
Robert Edward Gerrie Sau	lt Ste. Marie
David Ernest Hansen	Greenville
Bruce Tower Hess	Detroit
Holley Shannon Jernigan	Midland
James Allen Leavengood	Lansing
Leroy Joseph Louchart	St. Charles
Isidoro Macedo Sao	Paulo, Brazil
Norman Machiela	Zeeland
Claude Machline Sao	Paulo, Brazil
Terry Lee McKenney	Holland
John Clark Moffett	Kalamazoo
Thomas F. Mohr	Jackson

Warner Moraes	Sao Paulo, Brazil
Richard Carl Pannier	Pittsburgh, Pa.
Perry Paris	Wayne
Robert Donald Pelkey	Detroit
Frediano Quilici	Sao Paulo, Brazil
Leon Delbert Randall	Lansing
Harry Oliver Simonser	n, Jr.
	Sao Paulo, Brazil
Henry Otto Himnick	Victoria, Canada
John Harris Trimm	Lansing
Tedd Thornton White	Lansing
	1 4 4 4 4 4

DEGREE OF MASTER OF ARTS - Hotel, Restaurant and Institutional Management

George Davidson Bedell Joseph Denton Birrell	Salt Lake, Ut.	Chuck Yim Gee Lloyd R. Jones	San Francisco, Cal. Grand Ledge	John Benedict Lough,	J1. Englewood,	Col.
Robert West Gang	East Lansing					

#### DEGREE OF MASTER OF ARTS - Police Administration

Philip Louis Ash, Jr.		Hee-Kwan Lee	Seoul, Korea	William Happer Storer	Ocala, Fla.
Grosse	Pointe Woods	Chung-Sok Myong	Seoul, Korea	Philip P. Versluis	Grand Rapids
George Peter Caronis	Columbus, O.	Dale Clare Poole	Howell		

#### DEGREE OF MASTER OF ARTS - Political Science

William Allie Burgett Des Moines, Ia.	Frank Boleslaus Krupiarz Lansing	Kenneth Verburg	Grand Rapids
Bill Jack Chambers Peterstown, W. Va.	James Peter Meloney Laingsburg	Robert Vratanina	Charlevoix
Dae Hong Chang Taegu, Korea	Richard Lester Miller Buchanan	James Emery Wresinski	Manistee
John William Crawford Chicago, Ill.	Oral Eugene Parks Buffalo Gap, Tex.		
Murray Frost Brooklyn, N.Y.	Peter Henry Sonnenfeld Chicago, Ill.		

#### DEGREE OF MASTER OF SOCIAL WORK - Social Work

Genevieve DeHoyos	East Lansing	Morton Stanley Perlmutter	Flint	Jesse Clermon Vickers East	St. Louis, Ill.
Marilyn Jean Engle	Eaton Rapids	Dorothy Camin Rozan	Lansing	David Roscoe Walters	Lansing
Byron Hosmer	Lapeer	Heilkje Sheneman		William G. Williams	East Lansing
Patricia June Hughes	Dearborn	Amsterdam, N	Vetherlands	Arthur Norman Woodruff	Jackson
Myrtle Mae Louden	Okemos	Norma Grace Sweeney	Lansing	Franklin M. Zweig	Detroit
Gerald Joseph Nowakows	ki Hamtramck	Norman Walton Thomas	Lapeer		

#### DEGREE OF MASTER OF LAND ARCHITECTURE - Land Architecture

Robert Lee Kent, Jr.

Detroit

#### DEGREE OF MASTER OF URBAN PLANNING - Urban Planning

Sherman W. Griselle

Tulsa, Okla. David Ralph Seigneur

Newberry

# COLLEGE

# OF

# EDUCATION

# The candidates will be presented by DEAN CLIFFORD E. ERICKSON

DEGREE OF BACHELOR OF ARTS-Elementary Education

	DEGREE OF DAGIELON OF AN13-1	Stementary Education	
	Mary Catherine Ackerman Galien	Sally Lynne Deitsch Midland	Janet Mary Kavanagh Detroit
	Marjorie May Aitchison Coldwater	Katherine Ellen Droegemueller	Nancy Lee Kelley Leslie
	Charlotte Ann Allen Flint	Winnetka, Ill.	†Nancy Jean Kerr Grand Rapids
	Kathleen Jo Arnold Battle Creek	Shirley Jeanne Dyer Lansing	Nancy Jean Caris Kesseler Alma
	Susan Kresge Assink Bay Village, O.	*Lelia Ellen Eagloski Birmingham	Sallie Jeanette Kleinhenn Lansing
	Marlene Elizabeth Baker Muskegon	Doris Marie Eastman Williamston	Elaine Alice Koenigshof Buchanan
	Geraldine Margaret Bales Ionia	Judith Ann Ekstrand Rochester, Minn.	Carolyn Kowalik Detroit
	Shirley Jean Basore Stockbridge	Sharon Kay Emede East Lansing	Joyce Lee Kramer Flint
	†Dawn Thayal Beeler Clawson	Bonnie Helaine Epstein Detroit	*Cleopatra G. Krebs New York, N.Y.
	Carole Anne Beene Grand Rapids	*Judith Ann Errington East Lansing	Barbara Krecke Detroit
	Mary C. Benjamin Williamston	Nancy Mae Farmiloe Pontiac	*Roberta Marlene Krenz Saginaw
	Carole Ann Benson Jackson	Lois Kay Faust East Grand Rapids	Elaine Alta Kruger Grand Ledge
	*Margaret Sue Bergy Ionia		Hannah Stacey Kwasny Dearborn
	Phyllis Conrad Beyer Stevensville	Marian Virginia Fish Wayne	Joan Ruth Landron Michigan Center
	Janice Conlon Binder Jackson	Sally Jeanne Fox Alpena	Ruth Langer Dearborn
	*Sandra Lee Bitting Three Rivers	Kathryn Lois Gardner Farmington	Patricia Larson Highland Park, Ill.
3	Patricia Fay Bloch Walled Lake	Donna Lee Gaston South Haven	*Dian Marie LaViollette Stambaugh
	Patricia Joyce Bonadio Port Huron	Elaine Ruth Gay Flint	Joseph McGuire LeDuc Escanaba
	Jacqueline Bernice Boutin Saginaw	Suzanne Catherine Gay Jackson	*June Carol Leeman Manchester
	†Meriel Marshall Bradford Royal Oak	Diane Barbara Gemuenden Menominee	Carol Anne Lindsay Detroit
	Kathryn Virginia Brewster Lakeview	*Kathleen Ellen Giffels East Lansing	Virginia Kay Linebaugh Lyons
	Carol Lee Brown Kansas City, Mo.	*Sally Sue Gilman Kalamazoo	Joanne Marie Linton Hope
	Betty Ann Buell Chicago, Ill.	Carolyn Doris Googasian Pontiac	*Cherie Nan Littleson Clarkston
	Barbara Lou Burger Grosse Pointe	Sharon Jeanne Graham Ludington	Janice Louise London Lansing
	Ann Frances Burke Buffalo, N.Y.	John Francis Grant Detroit	*Helen Longlake Iron River
	Martha Louise Burkhalter Harrison	*Linda Marie Greene Ferndale	Ruth Lucille Love New Baltimore
	Carol Lynn Cantrell Rochester	Marcia Mary Grimes East Lansing	Julie Anna Lucke Flint
	Janice S. Carlson Ironwood	Thomas Harper Gunn Royal Oak	*Helen Elinor Lumbert Grand Ledge
	*Suzanne Kay Carlston Muskegon	Audrey Winnifred Hadley Okemos	Patricia Margaret Lyle Detroit
	Fran Sharon Carr Lansing	†Eleanor Katherine Hall McBain	†Marylois MacDougall Detroit
	Eleanor Joy Carroll Detroit	Margaret Hanson Port Huron	Martha Frances Mack Detroit
	Nancy Lee Carson Roseville	Rosemary Harag Charlotte	*Janet Putt MacKinnon Kalamazoo
	*Sharalee Sue Carter Kalamazoo	Dorothy Madelon Harby Wyandotte	Gail Ann MacLaren Pontiac
	*Marvel Mei Li Chang	Nancy Ann Harr Lansing	Charlene Mare Grand Rapids
	Honolulu, Hawaii	Viva Maureen Haskell Leslie	Lilian Mary Marick Grosse Pointe
	Margaret Rose Cheatle Dearborn	Mary Elizabeth Hayden Lansing	Mary Elizabeth Martin Ferndale
	Clara Louise Christopher Muskegon	Sandra Kay Hecko East Lansing	Judith Annette McConomy
	*Patricia Sue Clancy Rives Junction	Goldie La Vina Heft Conklin	Benton Harbor
	Bonita May Clark Marlette	Carol Grace Heilbrun Orchard Lake	Beatrice Lucille McManus Jenison
	†Noralee Ann Cobb Lathrup Village	David Safford Hess Momence, Ill.	Patricia Ann Meachum Millington
	Thelma Susan Cochran East Lansing	Alene Erma Hildreth Lansing	Patricia Ann Miller Farmington
	Sonia Jean Cocking Flint	Phyllis Lee Hodgson Highland Park	Joyce Ann Minns Saginaw
	Doryce Mildred Cogswell Holt	Sandra Louise Hohenstein Lansing	†Ann Priest Molitor Grand Rapids
	Nancy Lee Cohassey Pontiac	+Barbara Uecker Holman St. Clair Shores	Shirley Ann Monford Allen Park
	Louis Cohen Williamston	*Judith Mary Hoover Grand Rapids	Jane Ann Moore Bay City
	Norma Jeanne Comfort Flat Rock	Jo-Ann Barbara Hover Hartford	Marilynn Jean Moore East Lansing
	Elizabeth Ann Conklin Muskegon	Marilyn Ann Howell Howell	Priscilla Anne Morton Detroit
			Vivian Jean Mueller Wadsworth, O.
			Elizabeth Ann Navickas Highland Park
	Anne Hathaway Cook Greenville	*Carol Jane Hutchings Dearborn	
	Caroleen May Cooper Grass Lake	†Ruby Louise Jennings Lansing	*Grace Leone Nightingale Battle Creek
	*Leslie Covington Detroit	Karen Ann Johnson Chicago, Ill.	Jeanine Ann Nordman Quinnesec
	Carol Ann Cowgill Birmingham	Martha Carolyn Johnson Flint	Nancy Jo Norton Lathrup Village
	Jeanne Ann Coyne Detroit	†Susan Elizabeth Johnson Toledo, O.	Sara Alice Novak Grosse Pointe
	Barbara Grace Crane Detroit	Martha Mae Jupp Leslie	Marilyn Nymberg Detroit
	Gale Wiesmer Cunningham	*Noryne Donnette Kaminska Monroe	Darlene Mae Ostrander Flint
	Fort Wayne, Ind.	Carol Ann Kananen Haslett	Elizabeth Jo Overlock
	Donna Jean Davis Flint	Carol Dawn Kashenider Lansing	LaGrange Park, Ill.

\*With Honor †With High Honors

# COLLEGE OF EDUCATION (Continued)

#### DEGREE OF BACHELOR OF ARTS-Elementary Education (Continued)

DEGREE OF BACILLO	n OF ANTS-Lie	mentary Education (Continued	1)		
Donald Earl Palmer *Judith Anne Parks	Royal Oak Lansing	*Susan Ruth Schriefer Patricia Durman Schwartz	Saginaw	Donna Kae Thompson	Grand Rapids
<ul> <li>A state of the sta</li></ul>			0	Dortha Mae Thompson	Grand Rapids
Shirley Ann Pechta	Moran	†Marilyn Kay Schwenn	Kalamazoo	Wilma Jean Toth	Lansing
Barbara Jean Pelton	Toledo, O.	Clarice Elizabeth Sears	Belding	†Sally Yvonne Turcotte	
Karen E. Peterson	Birmingham	*Mary Kay Seitz	Jackson	Mary Kay Unger	Bellaire
Marlene Joyce Peterson	1 1 1 1 1		Grosse Pointe	Joy Ruth Urks	Brethren
	henectady, N.Y.	Dorothy Eileen Shaver	Lansing	*Miriam Anne Utter	Monroe
Mary Jane Peterson	Edmore	*Ethel Viola Shilney	Lake Orion	Evelyn Stephens Van At	
Mary Elen Pfau	Howell		Chicago, Ill.	Janice Carol Vincent	Yale
Helen Martha Pfeifle			Rockford, Ill.	Mary Kay Vogelsang	Grand Rapids
Dorothy Annetta Phillip		*Patricia Ann Skelley	Pontiac	Russel Waldron	Springport
	Battle Creek	Nancy Ann Speir	Detroit	Janet Ruth Walkinshaw	East Lansing
Marilyn Ruth Pitkin	Elyria, O.	Robert Burton Spence	Birmingham	Patsy Lou Walton	Flint
Sheila Pollack	Brooklyn, N.Y.	Pauline Ethel Steel	Jackson	Suzanne Grace Warren	Oak Park
Vera Lucille Ralya	East Lansing	Joyce Marie Steffens	Fraser	Lois Gail Whitfield	Allen Park
Della Delmore Reed	Lansing	Sheila Mary Stein	East Lansing	Donald Louis Wieber	Portland
Eleanor Rhoda Jesty R	eenders	Ann Riecks Stifler	Dearborn	Jeanne Audry Wilde Mu	skegon Heights
	Grand Haven	*Alison Rhea Stone	Alpena	Elaine Mary Williams	Cadillac
*Donna Nell Reuling	East Lansing	Phyllis June Strang	Birmingham		Ferndale
*Dixie Lee Ridley	South Haven	Joan Martin Stultz Mis	hawaka, Ind.	Marilyn Joanne Willis	Snover
Jack Allen Rifenberg	Jackson	Shelda Jan Stuteville	Dearborn	* Joyce Arline Wilson	Detroit
*Patricia Mary Rogers	Detroit	Eileen June Sumeracki		Nancy Jean Wimmer	Highland Park
Marilyn Rollins	Detroit Detroit	Mildred Louise Sunderman	Clarinda, Ia.	*Meridel Sue Wonders	Dearborn
Sunzanne Joan Runde	Farmington	*Gail Diane Susick	Detroit	Carolyn Jean Wood	Detroit
Evangeline Elsie Hock S		Nancy Mae Swanson	Ravenna	Nancy JoAnne Yates	Flint
Alice Marion Schenden			Durand	JoAnn Mae Zoss	Lansing
Barbara Annette Scheric		*Marianne Eleanor Talbot	Flint	Ilene S. Zweig	Detroit
Margaret Ann Schlecht		Marilyn Jean Taylor	Clarkston	Carolyn Dove Zysk	Grand Haven
	Grosse Pointe	Audrey Kay Terry	Almont		
Lou Katherine Schoonn		Jane Loise Wiggins Thoch			
Lou Rumerine Schoolin	Birmingham	Diane Elaine Thomas	Detroit		

#### DEGREE OF BACHELOR OF SCIENCE – Health, Physical Education and Recreation

DeWitt \*Kenneth James Ackerman Don Albert Alexander Vulcan William Carl Allen Lansing \*Mary Arlene Appelhof Berea, O. M. Dolores Ardrey Pentwater Chris Babler, Jr. Ortonville Sharlene Jo Bailey Drummond Island Robert Allen Barding Spring Lake Charles John Bencie Gary, Ind. David Henry Bergman Sand Lake Barbara Jo Bestervelt Muskegon Midland \*Virginia B. Bliss Ellen Gettel Boughner Algonac Beryl Sheila Bremen Detroit Shirley A. Busch Warren Howard Waller Cook Lansing Shirley Elaine Cook Port Huron †Jean Elizabeth Curnalia Lansing Daniel George Currie Detroit Lawrence Raymond Daniels Munising John Douglas Davidson Okemos Jerry Anne DeVries Grand Rapids Betty Ann Eisner Flint Samuel Eliowitz Detroit **Robert Patrick Fields** Flint Leon Norman Fox Fowler

Donald David Gilbert DuBois, Pa. Carolyn Jean Greve Birmingham Sheila Marie Guerra Reed City Carol Ann Harding Olcott, N.Y. Robert Andrew Hector Royal Oak Patricia Ann Hill Detroit Audra Juanita Holmes Ecorse South Haven Jacob Roy Hudson Kenneth Alfred Kaestner Pontiac Kathryn Jane Kaufmann Saginaw Theodore Henry Kearly Lachine Paul J. Keene Russell W. Kelly Flint Muskegon Henry Kennedy Toronto, Canada Harold Owen King Grand Forks, N.D. Walter Joseph Kowalczyk Westfield, Mass. **Richard Neil Langs** Traverse City Paul Stephen Leavenworth, Jr. Grand Rapids Dominic Vincent Marino New York, N.Y. Theodore Charles Martin Flint Madeline Marie McConnell Berkley Louis Wyatt Meares Centerline St. Charles Dennis Arthur Mendyk

Henry John Minarik	Flint
Donald Dean Moore	Fenton
Ruth Sachiko Moriyama	
	molulu, Hawaii
William Harold Pendley	
Thomas Anastas Petroff	
Robert Thomas Popp C	0
Jack Edward Quiggle S	
Richard Eric Reickel	
Virginia Lee Scheuneman	
Carolyn Elaine Scott	. Detroit
Adam Casimer Sieminsk	
	Swoyerville, Pa.
*Nancy Proctor Simpson	South Lyon
Ernest Leo Smedley	Lansing
James Lenard Smith, Jr.	Detroit
Marcia Upton Smith	East Lansing
John Soave	East Lansing
Benjamin Ralph Summer	s Lansing
Sean Michael Sweeney	Lansing
Norma Jean Wendt	Grand Rapids
Kathleen Marie White	Lansing
Lucile Margaret Williams	
Walter Owen Willis	
Carolyn Mary Woolfend	
	Bloomfield Hills
	roompoor Ileers

\*With Honor †With High Honors

## COLLEGE OF EDUCATION (Continued)

#### DEGREE OF BACHELOR OF SCIENCE - Industrial Arts Jerry Lee Amos Lansing Robert Herbert Ludwig Muskegon Jess Hansen Sandberg, Jr. Lansing Richard Vernon Bergin Charles Johnson Madison Holland Roger Peter Stein Ann Arbor Muskegon John Clinton Calhoun Hubert Allen Mead Dundee Joseph Francis Stewart Philadelphia, Pa. Flint \*Bill A. Gibbs Lansing Bruce Edward Nagle Carbondale, Ill. Gerald Dean Veeder Alma Allegan Dick Phillip Hoke Oklahoma City, Okla. Keith Frederick Raymond Jack Milton Visuri Sault Ste. Marie Joseph William Walton Earl Eugene Holcomb Battle Creek Muskegon Loren Francis Hulsizer Ingalls <sup>†</sup>Donald Edward Richards Port Huron Keith Frederick Wing Ashley DEGREE OF MASTER OF ARTS - Adult Education Jack Granger Griffin Lansing DEGREE OF MASTER OF ARTS - Agricultural Education LaVern Adam Freeh Harvey, N. Dak. Herbert L. DeKleine Teeland William Abner Yant Bay City Harold James Elenbaas McBain DEGREE OF MASTER OF ARTS - Business Education Phebe Ann Deitzen Davison DEGREE OF MASTER OF ARTS - Child Growth and Development Donna Jean Chamberlain Miriam Koester Durand Lansing East Lansing Louis Vander Weele Grand Rapids DEGREE OF MASTER OF ARTS - Driver Education Lester Guy Rapid City Edward Frank Zychowski Carnegie, Pa. Robert Henry Thomas Colfax, Ia. Donald Lewis Smith Wixom DEGREE OF MASTER OF ARTS - Educational Administration Charles Daniel Alexander Corunna Ernest Kent Esbaugh Grand Rapids Vito Perrone Lansing **Richard James Astalos** Lansing John R. Franks Holton Robert Lee Peterson Munising Arthur Warren Baker Len Arthur Froyen Detroit Clarion, Ia. John Lawrence Powell Concordia, Mo. Jack Lee Frucci Lansing Charles Joseph Purcell Florence S. Baker Lansing Shepherd Philip Donald Rowley Grand Rapids Elwyn Banghart Lansing Thomas Michael Gill Toledo, O. William George Schaar, Jr. Donald Robert Beaton Rochester Elton Keith Gingrich DeWitt Kinde Raymond Lee Bickford Racine, Wis. Charles Richard Harper Flushing Samuel John Serrell St. Johns Harold Walter Brack John Dale Harvie Big Rapids Saginaw Melvin Philip Smagorinsky Paul Vaughn Braden Monroe Fred B. Heuer Jackson Lindenhurst, N.Y. Bruce R. Higgins Daniel Otho Smith Bay City Crestline, O. Oscar Stuart Bridgewater Eaton Rapids Danville, Ill. William Henry Bruce Royal Oak John Edward Hunt Vaughn Leonard Snook Mason Chesaning William Lewis Husk Richwood, W. Va. Frederick Alexander Swegles, Jr. Lansing Patrick J. Callihan Gail Robert Cheney Alvin Charles Thom Saginaw Charlotte Don Werner Johnson Lansing Raymond Edward Van Meer Marquette Paul Anthony Maguire Thomas George Cook

Atlantic City, N.J.

Cement City

Cedarville

#### DEGREE OF MASTER OF ARTS-Elementary Classroom Teaching

Port Austin

Flushing

Mason

Richard Lamarr Nuss

Stewart Lipsett Olmstead

#### Albert Pugh

\*With Honor †With High Honors

Gerald Alva Dellenbach

James Mulford Ellis

Frederick Leighton Driver

Niagara Falls, N.Y.

St. Johns

Flushing

Joseph J. Veramay

Charles William Wallin

Plainfield, Vt.

## COLLEGE OF EDUCATION (Continued)

#### DEGREE OF MASTER OF ARTS - Foundations of Education

Ruth Albright Bergin	Howell	Lois Claire DeBoer	Grand Rapids	Charles Albert Splitger	ber
Marcia Mae Boznango	Okemos	Eileen B. Huggett	East Lansing		Plymouth, Wis.
Jack Gordon Cairl	Lakeview	John J. Meeder	Potterville	Elizabeth Ruth Tuttle	Lowell
Alan Cohen	Williamston	Roy Armond Schreck	Detroit	Joseph Roy Williams	Slidell, La.
Lucille Menz Corkrey	Okemos	Ruth Mason Smith	East Lansing	CARD PARTING AND C	

## DEGREE OF MASTER OF ARTS - Guidance and Counseling

Roger Daniel Augustine	Batavia, N.Y.	Sally Salay Hancock	Flint	Joseph Edward Petrzilk	a Oak Park, Ill.
Raynor N. Beech	Jackson	Donald Alfred Hawkinson	n	Lucille M. Ramsey	Beddeford, Me.
	Richmond, Va.		Ashtabula, O.	Richard Colby Richards	
Robert Dale Bradley	St. Johns	Beverley Patton Heinema	n Saginaw	The second second second second	Northfield, Vt.
Alice Jean Brooks		Peter Burton Hervey	Saginaw	Donald Joseph Scott	Port Austin
Virginia Mozelle Brown	Muskogee, Okla.	William Joseph Hessler	Detroit	David Hartley Stockhar	
Mary Ann Daugherty	Lansing	Dale Richard Hovda	Williamston	Martha Sutherland	Lansing
Suzanne Davis	Saginaw	Joan Laurel Johnson	White Cloud	Florence Louise Teddy	Laurium
Dale E. Decker	Lansing	George Louis Kallos	Owosso	William Michael Tulip	Gregory
Claire Irene Deutsch	Flushing, N.Y.	Stanley Kosmal	Oconto, Wis.	George Newton Vance,	Jr. St. Joseph
Yvonne Brown Duncan	Chicago, Ill.	Noble Forrest LeWallen	Goshen, Ind.	Sophia Van Kuiken	Lansing
Elsie Mae Fee	Lansing	Errico Lorenzi	McIntyre, Pa.	Clifford Kenneth Van	Sickle
Betty June Petersen Ga	mber	Ralph Margolis	Lansing		West Branch
	Chicago, Ill.	Claudette Smith Nelson	Rayne, La.	Marion Ernest Virgin	Cleveland, O.
Milton Roy Glassman		Eldon Ray Nonnamaker	Rawson, O.	David Gatchell Waite	Grand Rapids
Long Is	sland City, N.Y.	Helen Caskey Olk	East Lansing	Hugh Wilkoff	Royal Oak
Philip Sheffield Greene	Limerock, R.I.	David Allen Payne	Grand Rapids	Donald Albert Wright	Portland
Lee M. Halstead, Jr.	Breckenridge	Marietta Peters	Detroit	in the second state of the second	
	A start and a				Charles Street 1

#### DEGREE OF MASTER OF ARTS - Health, Physical Education and Recreation

LeRoy Frank Albrecht Milu	aukee, Wis.
Jack Carter Anderson	New Era
Gilbert Orpheus Bovan	Munising
Lynn VonDette Conway	Bay City
John Edward Dudeck	Detroit
Lester Henry Edwards Dorch	hester, Mass.

Joan Huff

Theron Charles Fager Saginaw Thomas James Gardner St. Louis, Mo. Brooklyn, N.Y. Colman Genn Leslie John Gratton Flint Buffalo, N.Y. Louis Frederick Guerra Huntington, N.Y.

Andrew Thomas Kelley Detroit Ross Bernard James Macnab Montreal, Canada Richard Lyle Skimin Kenmore, N.Y. Charles Richard Smith Grand Rapids David Frederick Williams, Jr. Lansing

## DEGREE OF MASTER OF ARTS - Home Economics Education

Arvella Lueen Curtis	(
Charlotte Elaine Griffin	Sou
Nancy Anne Hendley	Hous

Coldwater th Haven ston, Tex.

Mardelle Norma Mever Palmer, Kan. Gail Meroe Schermerhorn Lansing Maria Austria Sembillo Quezon City, Philippines

DEGREE OF MASTER OF ARTS - Industrial Education

Rolf Earl Anselm Brockport, N.Y.

LeRoy Elwell

Grand Haven

Frederick Thornton Fink Lake Odessa

## DEGREE OF MASTER OF ARTS - Reading, Instruction and Improvement

Dorothy Schmidt Ganskog Stephenson Rosemary Robert Wright East Lansing

## COLLEGE OF EDUCATION (Continued)

## DEGREE OF MASTER OF ARTS - Special Education

#### DEGREE OF MASTER OF ARTS - Teacher Education

Madelyn Jane Albrecht	Saginaw	Donna Jean Ferguson	East Lansing	Elsie Alice Maile	Lansing
Mary Jo Allen	Augusta	Ellen Kelly Gibson	Owosso	Gerald Lee Marquardt	Owosso
James Matthew Bannick	Bad Axe	Roger Lowell Hanna	East Lansing	Barbara Jane Marsh	Lansing
Gerd Boeger Bre	emen, Germany	Therese Ellen Hecksel	Lansing	Leslie Kay Morford	Greenville
Angeline Buckwick	New Boston	William James Hirn	Escanaba	Margaret Elaine Schurma	an Holland
Mary Rice Burke	Iron Mountain	Reva Doreen Hoyt	St. Louis	Salvatore Francis Spina	Grand Rapids
Leonard Arthur Burns	Paw Paw	Mary Ellen Hurlbut	Muscatine, Ia.	Carolyn Ruth Stauffer	Lansing
Evelyn Lucille Carter	Chassell	William Martin Johnson	Saugatuck	Donald Lewi Starmer	Empire
Leona Mary Cooper	Grand Rapids	Bernhardt Max Kuschel	Benton Harbor	Jean Puhek Swanson	East Lansing
Anthony Raymond Dubar	t Grand Rapids	Nancy Agnes Lamond	Lansing	a war in the second	, in the second s
			and the second		

#### DEGREE OF MASTER OF ARTS - Vocational Education

Donald Crane Baker John Thomas Gutka	Bay City Saginaw	Russell Arthur Jacobs Allen Ellsworth Kohn	Bay City Edmore	Glenn C. Welch	Reading
a maana adamaya Curay Mane Kuray	2012 - 10		MILLION SALAN		
period entitled of and					

COLLEGE

OF

## COMMUNICATION ARTS

## The candidates will be presented by DEAN GORDON SABINE

## DEGREE OF BACHELOR OF ARTS - General Communications Arts Lansing

\*Robert Lee Brohan

## DEGREE OF BACHELOR OF ARTS - Journalism

*Suzanne Annette Ambros	e Detroit
Thomas Edward Andrews	s Ferndale
Bart Weston Ansley	Lansing
Marjorie A. Bearss	Deckerville
Mary Joanne Becker	Detroit
*Judith Ann Begick	East Lansing
Philip Eugene Bisaillon	Grand Rapids
Harold Harrington Bush,	Jr. Detroit
Edwin Albert Davis	Pontiac
Ray Stanley Delman	Detroit
Jack Dale Eadie	Grand Rapids
Roger Barrie Fell	Drayton Plains
Russel Howard Hare	New Baltimore
Robert Duane Hirst	Decatur
Alan Cooper Hoffman	
-	

Lice includent include,	
Jerome Neil Jerzy	Hamtramck
David Carl Kietzmann	Ludington
John Alan Lofgren	St. Clair Shores
Peter Brantley Lyon	Detroit
Clifford George McDern	mott
Stat	en Island, N.Y.
Kathryn Irene McIver	Brimley
Lillian May Nalbandian	Grand Rapids
*Roger Neal Parks	Howell
William James Peters	Grand Rapids
†Elizabeth Jane Prout	Houghton
	Brooklyn, N.Y.
William John Rowe	Detroit
Denise Frances Scanlon	Dearborn

Midland

Lee Herbert Horsley, Ir.

Richard Lee Simpson	Frankenmuth
Richard Lyle Smith	Mason
Doronda Faye Somers	Kalkaska
David Horton Stroud	Vicksburg
*Lawrence Theodore Sulli	van
Grosse	Pointe Farms
Howard Sutton St. Cath	erines, Canada
Ronald Gerald Tanguay	Dundee
William Francis Walton,	Jr.
The state of the second second	Lincoln Park
<sup>†</sup> Kenneth Gary Warner	Adrian
*Robert Edward Weber	Stephenson
Charles Robert Werle	Lapeer
Mary Margaret Wilde	Saginaw
	-

## Slingenlands, N.Y.

## DEGREE OF BACHELOR OF ARTS - Speech

Lois Lies Abrash Aurora, Ill.	David Zalmon Greene Hamden, Conn.	Joyce Marie Oakes Albion
John R. Alberts Saginaw	†Donna Mae Hart Solon, O.	Lauretta Ann Paternoster Kingsford
James Bernard Alfredson East Lansing	Mary Alice Henshaw East Lansing	*Judith Lee Powers
Gerald Kenneth Bates Chelsea	Susanne Marie Howe Saginaw	St. Catherines, Canada
James Richard Beltinck Clare	†Kay Frances Ingram Plymouth	Donald George Racette Albany, N.Y.
*Louise Brauner Okemos	John Charles Jacobson Port Huron	Kenneth Raymond Radant Owosso
James Lyle Bronner Grand Rapids	Howard Anthony James, Jr.	Karen Ann Redding Huntington Woods
Donald Nelson Brown Amherst, N.Y.	Elkhart, Ind.	Barbara Ann Reeves Grand Rapids
William George Buchanan Lansing	Lloyd Robert Johnson Clawson	*Norman Earl Roberts Three Rivers
George Ronald Cherlong	Ralph Daniel Karney Lansing	Charles Robert Seelhoff Owosso
Hartford, Conn.	*Carol Ruth Keenan Stambaugh	Gerald Allen Sena Blue Island, Ill.
†Marjorie Kay Chittenden Marne	Thomas K. Kegel Birmingham	Donald Gordon Snell East Lansing
Philip Raphael Cousino Detroit	Thomas William Kerrey East Lansing	Patricia Anne Snyder Lansing
Anthony Dominick Dattilo, Jr.	Margaret Gayle Keyser Mt. Pleasant	Carl Arthur Soderlund Detroit
Brooklyn, N.Y.	†Katherine Margaret Klotzburger	†Gladys Strahl Sault Ste. Marie
Paul Michael Domitrovich Detroit	Birmingham	James Erwin Sullivan Grand Rapids
Robert Wayland Faull Grand Ledge	Joseph Henry Koch Long Beach, N.Y.	Marvin Dean Sullivan Holland
Stanley Milton Ferguson, Jr.	Lawrence William Lindberg Dearborn	George Franklin Vishnia
St. Clair Shores	Frank Joseph Lipford Monroe	Jamestown, N.Y.
Sam Gabriel Pontiac	Judith Lookanoff Detroit	Sylvia Mary Waterman Roscommon
Richard Glenn Gardiner Detroit	Thomas Manuel Lopez South Lyon	William Charles Young
John K. Glaab Sarnia, Canada	James Thurlow Maatsch Charlotte	Milwaukee, Wis.
	*Charles Joseph Meagher Albany, N.Y.	
		Gerald Thomas Zarend Monroe
Darwyn D. Gray Hinton, W. Va.	William Bruce Nichols Richmond	

\*With Honor †With High Honor

## COLLEGE OF COMMUNICATION ARTS (Continued)

## DEGREE OF BACHELOR OF ARTS – Speech (Continued) RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Thomas Jon Beyer	Flint	Milen Custer Gray	Dearborn	Arlene Margaret Noe	Detroit
*Leeds Beryl Bird	Bay City	Margaret Elizabeth Hawley	Wayne	Constance Jean Paris	Lansing
Richard Marvyn Casello	Port Huron	Richard Earnest Langham	Williamston	Patricia Ann Pasqualin	Bellevue, O.
Ann Covalas New Br	runswick, N.J.	Carol Mae Larsen St.	Clair Shores	Gloria Virginia Regner	Dearborn
Joan Tatro Eminger	Allen Park	Raymond Joseph Lewandow	vski	*Pierre James Rener	Lansing
Suzanne Grace Felt	East Lansing		Bay City	Lewis Harold Schrock	Muskegon
Patricia Sue Flanders	Monroe	Constance Elaine Mapes	Pontiac	Carol Ann Stoner	Monroe
June Margaret Ford	Detroit	†Helen Crowe McGlothlin	Manistique	Margie Mae Tappen	Grand Rapids
Mary Katherine Foshag	Monroe	*Jean Elizabeth Muirhead	Elgin, Ill.	†Janet Elaine Theorin	Pontiac
Janice Lynne Freeman	Flint	Patricia J. Napora Ke	nmore, N.Y.	Sharon Jean Worth	Athens

### DEGREE OF MASTER OF ARTS - General Communication Arts

Donald K. Darnell Nevada, Mo.

Elaine Kollins Sewell Corvallis, Ore.

## DEGREE OF MASTER OF ARTS - Journalism

Douglas Christian Kelley Lucia Angela Marino	Lansing Battle Creek	Darrel Earl Miller Robert Bruce Oliver	Downs, Kan. Quincy, Mass.	Frederick John Schmidt, III	Saginaw
Edela Migela Matino	Banne Oreek	Hobert bruce Onver	Quincy, 11435.		

## DEGREE OF MASTER OF ARTS - Speech

Arlene Lois Borst	Oxford	Elizabeth May Hughes Lansing	Gladys June Shirley Niles
CoraJane Diane Bunce	Jackson	Douglas Bransby Knowlton	Walter Allen Tannenbaum
Alan B. Cudworth	Williamston	Norwalk, Conn.	Montreal, Canada
Marlo Grace Davison	Midland	David John Mall Carlsbad, N.M.	Robert Carl Wurdoch St. Johns
Mary Alice Gilchrist	Kalamazoo	Harry Edwin Oliver, Jr. Traverse City	
Ellen Margaret Harrington	Detroit	Byron Ben Renz Ishpeming	

# SCHOOL

# OF

# ADVANCED GRADUATE STUDIES

The graduates will be presented by DEAN THOMAS H. OSGOOD

## DEGREE OF DOCTOR OF PHILOSOPHY

Robert Adams Aldrich, Pullman, Wash.	B.S., M.S., Washington State College.
	Agricultural Engineering. Major Professor: J. S. Boyd, Associate Professor.
	Thesis: Adapting Glass Reinforced Plastics to a Rigid Frame Design.
Carl Jefferson Arnold, Abingdon, Va.	B.S., M.S., Virginia Polytechnic Institute.
	Agricultural Economics. Major Professor: G. G. Quackenbush, Professor.
	Thesis: An Analysis of the Base-Surplus Plan Used in Selected Virginia Milk Markets.
Joe Paul Bail, Ithaca, N. Y.	B.S., M.S., West Virginia University.
	Teacher Education. Major Professor: H. M. Byram, Professor.
	Thesis: Attitude of Teachers and Students to the Role of Future Farmers of Amer- ica Organization in Vocational Agriculture.
Ernest L. Bergman, Elmhurst, N. Y.	B.S., Oregon State College; M.S., Michigan State University.
Linest Di Deiginan, Diminist, Tit Ti	Horticulture. Major Professor: A. L. Kenworthy, Professor.
	Thesis: Response of Concord Grape Vine (Vitis labrusca L) to Various Levels of Essential Nutrient Elements.
Robert N. Berkman, Flint	B.S., M.S., D.V.M., Michigan State University.
	Animal Pathology. Major Professor: R. D. Barner, Professor.
	Thesis: Bovine Malignant Catarrhal Fever in Michigan
	I. Occurrence
	II. Pathology III. Differential Diagnosis
	IV. Comparison with Similar Syndromes in Other Countries.
William Allen Blackwell, Quitman, Tex.	B.S., Texas Technical College; M.S. University of Illinois.
	Electrical Engineering. Major Professor: H. E. Koenig, Associate Professor.
	Thesis: The Linear Graph in System Analysis.
Leonard Everett Brady, Jr., Staten Island, N.Y.	B.S., Wagner College; M.S., North Carolina State.
	Organic Chemistry. Major Professor: R. M. Herbst, Professor.
	Thesis: Tetrazolopyrimidines: Their Synthesis and Structure.
John Thomas Burke, Escanaba	B.S. Carroll College; M.A., Michigan State University
같은 그 그 주말 감독 승규는 이 것에서 이 것	Economics. Major Professor: R. W. Lindholm, Professor.
	Thesis: Commercial Bank Treatment of Bad Debt Losses, Its Relationship to the Economic and Accounting Concepts of Income Measurement, and the Effects of the Federal Income Tax Requirements.

Clyde Hek Heen Chong, Alton, Ill.

Richard McCallum Clark, East Lansing

Paul Null Clem, Niles

R. Evan Copley, East Lansing

William Vencent D'Antonio, New Haven, Conn.

Robert Edward Dennis, Adrian

William Arthur Drew, Lake Orion

Roger Jack Faber, Grand Rapids

Thomas Griffith, Jr., Minneola, Kan.

William Charles Harris, Clinton, Ia.

B.A., Wabash College. Analytical Chemistry. *Major Professor:* E. Leininger, Professor. *Thesis:* Some Reactions and Properties of Tetra Lithium Peroxydiphosphate.

B.A., Grinnell College; M.A., Michigan State University.
Foundations of Education. *Major Professor*: C. V. Millard, Professor. *Thesis*: A Study to Determine Whether Mental Age Scores Are Best Described by Single-Cycle, or Straight Line Growth Equations.

B.A., Bridgewater College; M.A., Michigan State University.
Administrative and Educational Services. *Major Professor*: W. F. Johnson, Professor. *Thesis*: A Study of the Michigan State University Full-Time Resident Student Teaching Program.

B.M., University of Denver; M.M., Michigan State University. Composition. *Major Professor*: H. Owen Reed, Professor. *Thesis*: Symphony.

B. A., Yale University; M.A., University of Wisconsin. Sociology and Anthropology. *Major Professor*: W. H. Form, Professor. *Thesis*: National Images of Business and Political Elites in Two Border Cities.

B.S., M.S., Michigan State University.
Farm Crops. Major Professor: C. M. Harrison, Professor.
Thesis: Growth Responses of Alfalfa and Sudan Grass in Relation to Cutting Practices and Soil Moisture.

B.A., Marietta College.
Entomology. *Major Prefessor:* R. L. Fischer, Asistant Professor. *Thesis:* The Nearctic Genera of the Tribe Anthomyiini (Muscidae, Diptera) with a List of the Nearctic Species.

B.A., Calvin College.
Physical Chemistry. Major Professor: M. T. Rogers, Professor.
Thesis: Paramagnetic Resonance Absorption Spectra of Some Absorbed Transition Metal Ions.

B.S., M.S., Kansas State College. Biochemistry. *Major Professor:* R. U. Byerrum, Professor. *Thesis:* A Study of Ribose Metabolism in the Tobacco Plant.

B.S., M.S., State University of Iowa.
Analytical Chemistry. *Major Professor:* K. G. Stone, Associate Professor. *Thesis:* Oxidation of Sodium Azide and Hydrazine with Cerium IV in Glacial Acetic Acid.

Hugh Edward Henderson, Blacksburg, Va.	B.S., M.S., Virginia Polytechnic Institute.
	Animal Husbandry. Major Professor: H. A. Henneman, Associate Professor.
	Thesis: The Effect of Environmental Temperature and Light on Thyroid Activity and Certain Matabolic Measures in Sheep.
Robert Floyd Hopkins, Owosso	B.A., M.A., Michigan State University.
	Administrative and Educational Services. Major Professor: W. F. Johnson, Professor.
	Thesis: A Replication Study of an Experiment Applying Non-Aristotelian Principles in Adjustment and Maladjustment.
Joseph Der Hovanesian, Okemos	B.S., M.S., Michigan State University.
	Agricultural Engineering. Major Professor: W. H. Buchele, Associate Professor.
	Thesis: Development of a Recording Volumetric Transducer and the Effect of Soil Parameters Upon Compaction.
Clarence William Jensen, McCabe, Mont.	B.S., M.S., Montana State College.
	Agricultural Economics. Major Professor: R. Barlowe, Professor.
	Thesis: The Effects of Urbanization on Agricultural Land Use in Lower Michigan.
Philip Keister Jenson, New Cumberland, Pa.	B.S., Allegheny College; M.A. Michigan State University.
	Psychology. Major Professor: D. M. Johnson, Professor.
	Thesis: The Effects of Blinds and Frequency in Latent Learning.
Harry Henry Johnston, Wilmington, O.	B.S., Michigan State University; M.S., University of Missouri.
	Soil Science. Major Professor: R. L. Cook, Professor.
	Thesis: Studies on Chemical, Physical and Biological Properties of Soil Organic Matter.
Charles Philip Knop, Grand Rapids	B.S., Aquinas College.
	Inorganic Chemistry. Major Professor: C. H. Brubaker, Jr., Assistant Professor.
	Thesis: The Determination of the Stabilites and Enthalpies of Dissociation of Some Ammine Complexes of Platinum (II).
Dale Warren Kretchman, Benton Harbor	B.S., M.S., Michigan State University.
	Horticulture. Major Professor: A. E. Mitchell, Professsor.
	Thesis: Histological and Gross Studies of Fruit Russeting in the Apple (Malus do- mestica Bork.) as Related to Fungicides.
Burton L. Lamberts, Grand Rapids	B.S., Calvin College.
	Biochemistry. Major Professor: R. U. Byerrum, Professor.
	<i>Thesis:</i> Studies on the Biogenesis of the Pyrrolidine Rine of Nicotine in the Tobacco Plant.
Jean McKenney LePere, Okemos	B.S., Michigan State Normal College; M.A., Michigan State University.
	Foundations of Education. Major Professor: C. V. Millard, Professor.
	Thesis: A Study of Inter-Developmental Relationships Among Standing Height, Skeletal Age and Mental Age of Sixty-Six Boys Selected from the Harvard Growth Data.

Joseph Anthony Liuzzo, Tampa, Fla.

George Robert McQueen, Auburn

Leah Brooks McDonough, Miami, Fla.

William Robert Meehan, Buffalo, N.Y.

Bernard Mikol, New York, N.Y.

Thomas Morgan Nelson, Royal Oak

Richard Carpenter Nicholas, State College, Pa.

Leon Edwin Orme, Tooele, Ut.

Leslie Parrott, Flint

Frederick J. Post, Berkeley, Cal.

B.S., M.S.A., University of Florida. Animal Husbandry. *Major Professor*: A. M. Pearson, Associate Professor. *Thesis*: Determining Specific Gravity of the Intact Animal by Air Displacement.

B.S., M.S., Michigan State University.
Soil Science. *Major Professor:* R. L. Cook, Professor. *Thesis:* Effect of Applied Nutrients on the Chemical Composition of Soil and Green Sugar Beet Tissue and the Yield and Sucrose Content of Sugar Beet Boots.

B.A., College of New Rochelle; M.A., Fordham University. Psychology. *Major Professor*: M. R. Denny, Professor. *Thesis*: A Developmental Study of Motivation and Frustration.

B.A., University of Buffalo; M.A., University of Oregon.
Fisheries and Wildlife. *Major Professor*: E. W. Roelofs, Associate Professor. *Thesis*: The Distribution and Growth of Fish in the Red Cedar River Drainage in Relation to Habitat and Volume of Flow.

A.B., University of Michigan; M.A. Michigan State University.
Psychology. *Major Professor*: D. M. Johnson, Professor. *Thesis*: Open and Closed Belief Systems As Correlates of the Acceptance of New Music and Its Composers.

B.A., M.A., Michigan State University.
Psychology. *Major Professor*: S. H. Bartley, Professor. *Thesis*: A Study of Fatigue and Disorganization of Performance in Relation to the Phenomenological Variables of Duration Change and Movement.

B.S., M.S., Pennsylvania State University. Agricultural Engineering. *Major Professor:* D. E. Wiant, Professor. *Thesis:* The Application of High-Energy Electrons to Some Grain-Infecting Pests.

B.S., Utah State Agricultural College; M.S., University of Tennessee. Animal Husbandry. *Major Professor:* A. M. Pearson, Associate Professor. *Thesis:* Methods of Estimating Carcass Characteristics of Beef.

Th.B., Olivet College; M.A., Wilamette.
Administrative and Educational Services. Major Professor: F. J. Vescolani, Associate Professor.
Thesis: A Study of Student Personnel Services in Six Liberal Arts Church Colleges.

B.S., University of California; M.S., Michigan State University. Microbiology. *Major Professor:* W. L. Mallmann, Professor. *Thesis:* Studies on a Red Pigment Produced by Pseudomonas Aeruginosa.

Kenneth McAlpine Pretty, Glencoe, Canada	B.S.A. Ontario Agriculture College; M.S., Michigan State University. Soil Science. <i>Major Professor:</i> R. L. Cook, Professor. <i>Thesis:</i> The Yield and Composition of Several Crops as Influenced by Soil Nutrient
	Balance.
Evan Paul Roberts, San Marcos, Tex.	B.S., M.S., Michigan State University.
	Horticulture. Major Professor: C. E. Wildon, Professor.
a ser en somer i estad i transformer A	Thesis: Effect of Several Growth Regulators on Growth and Development of Saint- paulia.
Robert Orville Sinclair, Burlington, Vt.	B.S., M.S., University of Vermont.
	Agricultural Economics. Major Professor: V. L. Sorenson, Associate Professor.
and a second second Second second s	Thesis: An Evaluation of Theories Relevent to Insurance Purchases Through an Analysis of the Insurance Programs of Vermont Farmers.
David Miller Van Doren, Jr., Elmhurst, Ill.	B.S., University of Illinois; M.S., Michigan State University.
in the second	Soil Science. Major Professor: R. L. Cook, Professor.
	Thesis: Relationship Between Oxygen Diffusion Rates, as Measured With the Platinum Microelectrode, and Plant Growth.
Willem Adolph Van Eck, Zwolle, Netherlands	B.S., Wageningen, Netherlands; M.S., Michigan State University.
	Soil Science. Major Professor: E. P. Whiteside, Professor.
	Thesis: Site- and Root Studies in Red Pine (Pinus resinosa Ait.) Plantations in Lower Michigan.
William C. Vinyard, Yuba City, Cal.	B.A., Chicago State College; M.S., Michigan State University.
	Botany. Major Professor: G. W. Prescott, Professor.
	Thesis: The Algae of Oklahoma.
Lawrence Sinclair White, Hamilton, Canada	B.S.A,. Ontario Agriculture College; M.S., Michigan State University.
	Microbiology. Major Professor: E. S. Beneke, Associate Professor.
and a strange of the second	Thesis: The Incidence and Enzymatic Activity of Molds Found in Indiana and Ohio Tomatoes.
Russell Eugene Williams, Orangeburg, S.C.	B.S., Maryland State College; M.S., Michigan State University.
Russen Eugene () mans, etangetang, e ter	Poultry Husbandry. Major Professor: L. E. Dawson, Associate Professor.
	Thesis: An Evaluation of the Quality and Price of Eggs Merchandised in the Lansing Area.
Kenneth L. Zankel, Highland Park, N. J.	B.S., Rutgers University; M.S., Florida State University.
	Physics. Major Professor: E. A. Heidemann, Professor.
	Thesis: The Diffraction of Light by Ultrasonic Waves Progressing With Finite But Moderate Amplitudes in Liquids.

## DEGREE OF DOCTOR OF EDUCATION

James William Costar, East Lansing	B.S., M.A., University of South Dakota.
	Administrative and Educational Serviies. Major Professor: W. F. Johnson, Professor.
	Thesis: Academic Adjustment of Selected Male Students Reported for Disciplinary
	Action at Michigan State University.
Robert Files Etheridge, Fairfield, Ill.	B.A., B.S., M.S., Southern Illinois University.
	Administrative and Educational Services. Major Professor: W. F. Johnson, Professor.
	Thesis: A Study of Campus Protective and Enforcement Agencies at Selected Universities.
	s involves compressingly a part has addition to compression and a subcompression to the
William Henry Kennedy, Williamston	B.S., M.A., Michigan State University.
if any an and the property and the second	Teacher Education. Major Professor: H. M. Byram, Professor.
	Thesis: A Clarification of Relationships Between Farming and Certain Other Agri- cultural Occupations with Implications for Guidance and Curriculum Develop- ment.
Don Orth Tatroe, St. Johns	B.M., M.M., Michigan State University.
	Administrative and Educational Services. Major Professor: W. H. Roe, Associate Professor.
	Thesis: A Critical Examination of the State and Formula for Support of Michigan Public Schools.
Lula R. Way, Ithaca	B.S., M.A., George Peabody College of Teachers.
	Foundations of Education. Major Professor: C. V. Millard, Professor.
	Thesis: A Study of the Relationships Between Knowledge of Child Growth Prin- ciples and Their Applications in Multiple-Grade Teaching in Certain Counties in Nebraska, South Dakota, and Michigan.
Harold Edward Wisner, Big Rapids	A.B., Western State Teachers College; A.M., University of Michigan.
frankline of a start to be interested in	Foundations of Education. Major Professor: M. Muntyan, Professor.
	Thesis: A Study of Male Students Who Entered the Collegiate Divisions of Ferris Institute Following Graduation from High School with Scholastic Averages of

Less Than "C".

## HONORARY DEGREES

#### FOREST H. AKERS

Your distinguished career in industry and in public service exemplifies the opportunity America offers to men of courage, initiative, energy and enthusiasm. Coming from a farm community, you used your talents as a salesman and a leader, first in the farm equipment industry, then in the developing automobile industry, to attain a position of great influence as Vice President of the Chrysler Corporation and director of sales for its Dodge Division. During your long years of service as a member of the governing board of this University, you exercised unusual leadership in encouraging its healthy growth and development. Your faith in its future and your sincere interest in its students are attested by your establishment of a substantial scholarship fund in your name, the creation of the Chester L. Brewer Award, and many other beneficences. Because of your exceptional contributions, and because of your activity in promoting the economic well-being of this state, Michigan State University is proud to confer upon you the degree of Doctor of Laws.

### PRENTISS MARSH BROWN

Your achievements as a lawyer, lawmaker, industrialist and civic leader have been such as to win the admiration and affection of the people of this state. During your years in the Congress of the United States, first as a member of the House and then as Senator, and in national administrative offices of great responsibility, you earned an admirable reputation for statesmanship and integrity. Your deep concern for the best interests of all of the people of your state and your country was unselfish and continuous. As a business and industrial leader, your wisdom and initiative have been devoted to social and economic progress. As Chairman of the Mackinac Bridge Authority, you successfully carried out a difficult assignment requiring great energy, knowledge, and patience in the face of many obstacles. Because of your long-sustained interest in this University and its mission, and your many personal contributions to the advancement of a free American society, Michigan State University is proud to confer upon you the degree of Doctor of Laws.

### WALTER ENOCH HESTON

Your outstanding record of achievement in the field of biology has brought to you an international reputation. As a graduate scholar and alumnus of this University, and later as an educator, author and research scientist, you have so consistently demonstrated enthusiasm, intelligence and steadfast purpose that they have become the hallmarks of your career. Your patient labors in genetics and in cancer research are of great significance in man's struggle against disease. In both Europe and America you have exercised admirable leadership in professional organizations and conferences. Because of your intellectual integrity, your devotion to scientific truth, and your successful advancement of man's knowledge about himself and the universe, Michigan State University is proud to confer upon you the degree of Doctor of Laws.

#### ADLAI EWING STEVENSON

Your career as a lawyer, administrator and statesman has been marked by eminent achievement. During the years of World War II you were called upon to perform a variety of arduous tasks in the councils of government. Because of your intellectual integrity, wisdom and dedication to democracy, your performance of these duties met with uncommon success. In the sensitive area of international organization, where you have been entrusted with heavy responsibility, you have displayed the finest qualities of diplomacy and leadership. As Governor of Illinois and as candidate for President of the United States, you acquitted yourself as an exceptional statesman with a deep loyalty to the principle of liberty. Because of the outstanding contributions which you have made to the advancement of free men, in war and in peace, both at home and abroad, Michigan State University is proud to confer upon you the degree of Doctor of Laws.

#### WILLIAM FRANK UHL

Since your graduation from Michigan State University more than a half-century ago, you have pursued a long and distinguished career in the field of engineering. As a specialist in hydro-electric power plant design and construction, you have made many notable contributions to the solution of power problems. During your years of service as an engineer and administrator you have acquired an outstanding reputation as a designer, author and industrial leader. As a special consultant to the United States Army Engineers, as a member of the Board of Consultants of the Tennessee Valley Authority, and in many other ways you have been called upon to contribute your wisdom, energy, and technical knowledge. You have always responded with unselfish vigor and enthusiasm, and in so doing you have advanced the science of engineering in America. In recognition of your exemplary career and the honor which you have brought to yourself, to this institution and to your profession, Michigan State University is proud to confer upon you the degree of Doctor of Engineering.

## 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 nominees submitted by the 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 Patrick J. Perry, Class of 1950.

## Recipients of the awards for 1958 are:

#### ERNEST HART

Class of 1914. Medina, New York. Research Chemist, Manufacturing Executive. Currently President, Food Machinery and Chemical Corp., New York City. Research Director of Niagara Chemical Company from 1914 to 1921. During this time developed and assisted in commercializing cotton boll weevil control by means of dry calcium arsenate. Also developed numerous other agricultural insecticide applications of chemicals in dry form, many still in major commercial use. Vice President and Sales Manager, Niagara Sprayer and Chemical Co. 1928-47; President,

### JAMES GRANT HAYS, JR.

Class of 1911. East Lansing, Michigan. Dairy Farmer, College Teacher of Agriculture and Public Servant. Currently Associate Professor Emeritus, Michigan State University. Operator of dairy farm from 1913 to 1922. On faculty of M.S.U. from 1922 until 1955, teaching as dairy extension specialist. In connection with World War II served as Assistant State Supervisor in Emergency Farm Labor Office at M.S.U. from 1943 to 1947. Member of Holstein-Friesian Association of America, American Dairy Science Association, charter member of Michigan Milk Producers' Association, life member Michigan State Farm Bureau, Alpha Zeta, Dairy Shrine, Epsilon Sigma Phi. Honorary State Farmer, Future

#### DR. JAMES H. STEELE

Class of 1941. Atlanta, Georgia. Public Health Veterinarian. Currently Chief, Veterinary Public Health Activities, Communicable Disease Center, Atlanta. Also consultant to World Health Organization, Pan-American Sanitary Bureau, United States Defense Department and Department of State. Master of Public Health degree, Harvard University Graduate School of Public Health, 1942. U.S. Public Health Service since 1943. Author, public health editor and editorial advisor. Member Scientific Research Society of America, New York Academy of Sciences, The AmeriNiagara Chemical Division, Food Machinery and Chemical Corp., since 1947; Vice President, Food Machinery and Chemical Corp., San Jose, California, since 1947, Director since 1949; President, Chemical Division, Food Machinery and Chemical Corp., New York City, since 1956. Has served as Director and Chief Executive Officer of National Agricultural Chemical Association and Manufacturing Chemists' Association. Bachelor of Science, Master of Horticulture and Doctor of Agriculture honorary degree from Michigan State University.

Farmers of America, 1951. Honorary Member, Michigan Association of Teachers of Vocational Agriculture, 1954. Distinguished service award and life membership in recognition of outstanding service to Michigan dairymen, Michigan Purebred Cattle Association, 1955. Honored by a scholarship established in his name at M.S.U. by the Michigan Dairy Industry Memorial and Scholarship Foundation Inc. Widely known for his lecture, "The Architecture of the Cow." College friends of his son established the "Jimmie Hays III Memorial Loan Fund" in 1941. To this fund, contributions of more than \$29,000 have been made to date by his popular lecture–given throughout the United States.

can Public Health Association, American Board of Veterinary Public Health. Founder, Conference of Public Health Veterinarians and Military Surgeons Association and American Society of Tropical Medicine and Hygiene. Recipient of M.S.U. Centennial Award. Official of the Order of Carlos Finlay (Cuba); Fellow of Association of Veterinary Physicians of Peru; Plenary Speaker, Thirteenth International Veterinary Medical Congress, Stockholm, 1955. Past president M.S.U. Alumni Club, Atlanta.

## **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

Joseph W. Ammon, Jr.	Flint	Barry L. Feldpausch	Grand Rapids	Forrest L. Kelsey	Grand Ledge
Brian L. Akers	Flint	Gordon E. Fornell	Des Plaines, Ill.	Thomas W. Kerrey	East Lansing
Alden L. Barnes	Brown City	Leonard W. Gamber	Wayne	Robert W. Marsh	Chicago, Ill.
Gerald D. Boynton	Bryan, O.	Robert W. Greer	Detroit	Marshall H. Norgaard	Manchester
Harold H. Bush, Jr.	Detroit	Frederick W. Harwood	Ionia	Robert J. Rajewski	Essexville
Gary R. Carr	Gary, Ind.	Harold J. Hebert	Nahma	Rolland A. Smith	St. Johns
Bruce W. Collins	Eaton Rapids	Gordon L. Hayward	South Boardman	Maynard E. Spotts	Jonesville
Philip R. Cousino	Detroit	Frederick C. Heitman	Ionia	John D. Webb, Jr.	Hale
Donald W. Dow, Jr.	Roscommon	Robert E. Hunter	Smiths Creek	Dean J. Wolfe	Grand Rapids
Sigurd Eriksen, Jr.	Lansing	John J. Kanillopoolos	Lansing	2 Compared and States of the	and supplier is

## DISTINGUISHED GRADUATES

Arnold	W. Blomquist	I
Dale J.		В

Iron Mountain John H. Rodgers Berrien Springs Thompsonville Alan R

Alan R. Zoss

Lansing

## MILITARY SCIENCE ARMOR

Joseph A. Abramczyk Roger B. Fell	Richmond Drayton Plains	Benjamin F. Valimont	Monroe	Thomas W. Wallis	Rudya <del>r</del> d
North Tel Stort en					

## ARTILLERY

George W. Bingley	Burlington	Edgar V. Hildebrant		Chesaning	Roger F. Pajak	Bay City
Richard A. Bliss	Midland	Robert D. Hirst		Decatur	Norman J. Sadler	Bear Lake
Richard D. Collins	Midland	David W. Hodgman		Coldwater	John D. Stewart	Boyne Falls
Earl E. Dean	Armada	Joseph D. Lake		Midland	David S. Sassaman	Charlotte
Donald F. Gibbs	Chicago, Ill.	Joseph Lipa, Jr.	Johnson	City, N.Y.	Sidney Verson	Chicago, Ill.
Paul G. Hecker	Grand Rapids					

## CHEMICAL CORPS

Russell H. Foy

East Lansing

## INFANTRY

William E. Blandford Glen R. Chapin	Grand Rapids Hemlock Brooklyn, N.Y.	Robert N. Gordon Henry M. Grubel William H. Haak	Pontiac Flushing, N.Y. Owosso	Harmon M. Leder Irwin Levine Homer E. Purchis, Jr.	Jamaica, N.Y. Camden, N.J. East Lansing
Anthony D. Dattilo, Jr. James W. Daugherty	Sidell, Ill.	Donald R. Hixson	Chicago, Ill.	William J. Rowe	Detroit
Cal J. Flegal	Gobles	Kenneth W. Keller		Adam C. Sieminski	Swoyerville, Pa.
Roger L. Fuller	Lansing	Wayne O. Larson	Elgin, Ill.	Luis F. Vela	Caracas, Venezuela

## RESERVE OFFICERS' TRAINING CORPS (Continued)

#### Charles L. Collinson Grosse Pointe Park Rudd H. Johnson Highland Park, Ill. Walter O. Willis Whiting, Ind. ORDNANCE CORPS Walter W. Gardiner III Robert J. Grimm Wilmette, Ill. James B. Davidson, III East Lansing Moorestown. N.Y. John E. Weiss Avamore, Pa. QUARTERMASTER CORPS Paul Begick, Jr. Bay City Thomas A. Kwasny John Scave East Lansing Dearborn Ronald L. M. Cook Dennis S. Farley David M. Holland Rockford, Ill. Gary E. MacDonald Lansing Edmund J. Thelen St. Johns Ludington Terry D. Molitor East Grand Rapids Louis Weckstein Canton, O. Marine City Lewis H. Moyer Pass A-Grille, Fla.

### SIGNAL CORPS

Denald C. Petler	T	C. I. D. F. H	01· - III		D
Donald C. Bailey	Lansing	Stanley B. Eigelberner	Chicago, Ill.	Paul P. Sheridan, Jr.	Detroit

### TRANSPORTATION CORPS

MILITARY POLICE CORPS

Charles M. Leeds, Jr. Red Bank, N.J.

## DISTINGUISHED GRADUATES

Keith P. Brown, OrdC	Lansing	Russel H. Hare, Inf N	lew Baltimore	Frank L. Nemechek, Armor Elmhurst, Ill.
Jack L. Cluster, Arty	Benton Harbor	Thomas P. Jones, Armor		Richard C. Payne, AGC Lincolnwood, Ill.
Richard E. Cregar, QMC	Detroit	Terr	e-Haute, Ind.	Robert E. Powell, Arty East Lansing
Robert O. Deal, QMC	Dowagiac	Robert W. LaFraugh, OrdC	Lansing	Frederick T. Rhoades, OrdC Grand Ledge
Albert K. Dressell, FC	Lansing	William J. Leach, QMC	Lansing	Leslie E. Rutledge, Jr., Inf. El Paso, Tex.
James H. Dykstra, FC	South Haven	David B. Lucke, Armor	Flint	Russell W. Sheathelm, Jr., CE Lansing
John C. Eidson, SigC	Scarsdale, N.Y.	Kenneth J. McCormick, Jr.	QMC	William L. Thuemmel, Armor
Bobby G. Finch, SigC	Lansing	So	merville, N.J.	Port Austin
James E. Gleason, Inf.	Whitmore Lake	James A. Mitchell, Arty	Novi	Lawrence L. Wills, AGC Saginaw
Robert C. Grigereit, MPC	Benton Harbor	Turner L. Nelson, Armor	East Lansing	Donald H. Zysk, TC Grand Haven

## 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 from May 1957 through April 1958.

American Dairy Association of Lansing, to be used in Consumer Information to print 75,000 copies of two educational bulletins on milk and butter	,620
Denmark Township Agricultural Extension Associa-	
tion of Caro, to be used in the Cooperative Ex-	
tension Service to continue assistance with the	

Board of Supervisors of Macomb County, to be used in	
the Cooperative Extension Service to support the	
salary of an additional 4-H Agent for Macomb	
County for 1957	. \$4,000

in Denmark Township, Tuscola County......\$200

- Hardy Salt Company of Manistee, to be used in Dairy in a study of the use of penicillin in salt for control of cattle bloat on legume pasture......\$2,000
- Midwest Barley Improvement Association of Milwaukee, to be used in Farm Crops in barley improvement tests in the Thumb area.....\$400
- U. S. Forest Service of Columbus, Ohio, to be used in Forestry for forest tree nutrition research......\$4,000

- Bakelite Company of the Division of the Union Carbide and Carbon Corporation of New York City, to be used in Horticulture to determine the influence of plastic mulches on maturity, yield, and quality of tomatoes, muskmelons, and cucumbers.....\$500
- Union Carbide and Carbon Corporation of New York City, to be used in Horticulture for research on sprays for apples, cherries, peaches, and pears......\$500
- Sulphite Pulp Manufacturers' Research League of Appleton, Wisconsin, to be used in Poultry Husbandry to continue research in mink nutrition .......\$1,200
- Hess and Clark, Inc., of Ashland, Ohio, to be used in Poultry Husbandry in poultry nutrition research....\$4,000

American Agricultural Chemical Company of Detroit to be used in Soil Science to evaluate the effect of forms of phosphate carriers containing gypsum and those lacking in gypsum on the yield and chemical composition of the crop and on the changes in nutrient status in soils	\$2,500
The National Education Association of Washington, D. C., to be used in Administrative and Educational Services for expenses in connection with the admin- istration of the outdoor education project for the development of leadership training in schools and colleges	\$2,000
	. 42,000
Pittsburgh Plate Glass Company of Morestown, New Jersey, to be used in Botany to continue studies on the effectiveness of various fungicides in controlling diseases on grape, strawberry and raspberry	\$500
American Cyanamid Company of New York City, to be used in Entomology for studies on direct ap- plication of malathion to animals and the evaluation of malathion formulations as space sprays in loose housing units to control flys	.\$1,500
Union Carbide and Carbon Corporation of New York City, to be used in Entomology to study the use of certain products against fruit insects	\$300
Rohm and Haas Company of Philadelphia, to be used in Entomology to study the use of Kelthane and Thothane against fruit insects	\$200
Research Laboratories Division of General Motors Corporation of Detroit, to be used in Physics and Astronomy for research on the structure of metals and alloys using electron microscopy and electron diffraction	\$2,600
Abbott Laboratories of North Chicago, Illinois, to be used in Microbiology to study pleuropneumonia-like	
organism infections of poultry	\$500
Monsanto Chemical Company of St. Louis, Missouri, to be used in Chemistry to support a fellowship for a student preferably in his last year of doctorate program and for incidental expenses supporting	
research in Chemistry	\$2,850
Socony Mobil Oil Company, Inc., of Paulsboro, New Jersey, to be used in Chemistry for a graduate stu- dent in analytical chemistry and for incidental expenses in the department.	\$3,555
Union Carbide Corporation of Bound Brook, New Jersey, to be used in Chemistry to provide a terminal fellowship for a graduate student in chemistry and to support the research program of the department.	\$3,655
U. S. Atomic Energy Commission of Washington, D. C., to be used in Physics and Astronomy to con- duct research on the terminal properties of separated metallic isotopes.	\$8 622
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Michigan Artificial Breeders Cooperative of East Lan- sing, to be used in Agricultural Chemistry and Veterinary Pathology for a study of reproductive disorders of livestock, especially cattle	Atomic Energy Commission of Washington, D.C., to be used in Mechanical Enginering and Applied Mechanics to finance the attendance of a staff mem- ber at the Hanford Atomic Products Operation in
National Cottonseed Products Association, Inc., of Dallas, Texas, to be used in Agricultural Chemistry	Richland, Washington and at the Brookhaven Na- tional Laboratory in New York\$1,816.18
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	Niagara Chemical Division of the Food Machinery and Chemical Corporation of Middleport, New York, to be used in Botany to aid in the support of a graduate research assistantship for research on seed
Merck & Company, Inc., of Rahway, New Jersey, to be used in Agricultural Chemistry for swine nu-	treatment and soil treatment fungicides
trition research	California, to be used in Botany to test the fungicide Phaltan and evaluate its performance in comparison with other fungicide for control of comparison
Michigan, to be used in Agricultural Engineering to carry on an in-service safety and job training pro-	with other fungicides for control of tomato diseases\$100 Nash Chemical Company of Belle Glade, Florida,
gram	to be used in Botany in experiments on the control of tomato blight diseases and anthracnose\$100
in Agricultural Engineering to develop principles for construction of a mechanical cucumber harvester\$12,000	Chemagro Corporation of New York City, to be used in Entomology in experimental work with Chemagro materials \$200
American Angus Association of St. Joseph, Missouri, to be used in Animal Husbandry to support research to distinguish in beef cattle between non-carriers and carriers of the gene for dwarfism	Merck and Company, Inc., of Rahway, New Jersey, to be used in Entomology to determine whether the growth influence of Gibberellic acid on plants is
Dairy Industries Supply Association, Inc., of Washing- ton, D.C., to be used in Dairy as a fellowship award for graduate work at Michigan State University\$1,400	reflected in the development of insects and nema- todes feeding upon them\$3,750
for graduate work at Michigan State University \$1,400 Michigan Hybrid Seed Corn Producers Association of Fairgrove, to be used in Farm Crops to develop improved corn hybrids for Michigan and to continue	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
fundamental studies of corn breeding methods and corn genetics\$11,955.10 Brewers Yeast Council, Inc. of Chicago, to be used in	Parke, Davis and Company of Detroit, to be used in Chemistry for a fellowship for a graduate stu- dent in organic chemistry and to support the re- search program of the department
Poultry Husbandry in mink nutrition research \$1,200	Petroleum, Research Fund of the American Chemical
Nitrogen Division of Allied Chemical and Dye Cor- poration of New York City, to be used in Soil Science in research on the use of nitrogen in crop production	Society of Washington, D.C., to be used in Chem- istry for a fellowship and for travel and expenses for glassware, chemicals, etc. for fundamental organic chemical research
Tennessee Valley Authority of Knoxville, Tennessee, to be used in Soil Science in studies of the behavior of potassium fertilizers which are considerably less soluble than those currently being used in the fer-	Archer-Daniels-Midland Company of Minneapolis, Minnesota, to be used in Chemistry to con- tinue a graduate fellowship\$2,000
tilizer industry	Atomic Energy Commission of Lemont, Illinois, to be used in Chemistry for a physico-chemical in-
used in the Communications Research Center in a survey of the effectiveness of the Whirlpool house organ as a communications medium	vestigation of the interhalogen compounds\$16,000 Atomic Energy Commission of Lemont, Illinois, to be used in Chemistry to study the role of various aliphatic acids in pyrimidine biosynthesis\$5,140
College Entrance Examination Board of New York City, to be used in the Bureau of Educational Re- search to determine the properties of the Sequential Item Test	Atomic Energy Commission of Lemont, Illinois, to be used in Chemistry in a thermodynamic investi- gation of dilute solutions of the alkali metals in
National Science Foundation of Washington, D.C., to be used in Civil Engineering in an investigation of	liquid ammonia
a general relationship between the porewater pres- sure and the stress history and/or mineralogical content of cohesive soils	used in Chemistry to determine the stabilities and heats of formation of certain complex compounds of platinum

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Standard Oil Foundation, Inc., of Chicago, to be used in Physics and Astronomy to continue a fel- lowship in Physics for 1957-58\$2,500
Carnegie Corporation of New York City, to be used in History for a study tour of the Soviet Union\$2,300
Wallace Laboratories of New Brunswick, New Jersey, to be used in Psychology to determine the effect of Miltown on various aspects of problem-solv- ing behavior
Merck and Company, Inc., of Rahway, New Jersey, to be used in Microbiology and Public Health in studies on the mechanism of the discoloration of fresh meat by bacteria
U. S. Naval Training Device Center of Port Wash- ington, New York, to be used in Television De- velopment in the application of profile techniques for training aid evaluation
Inter-Industry Highway Safety Foundation of Michi- gan of Detroit, to be used in the Highway Traffic Safety Center to provide for advance training for driver education for teachers in Michigan
Ford Foundation of New York City, to be used in the Labor and Industrial Relations Center to provide a fellowship and expenses for a doctoral dissertation fellowship
Michigan Civil Service Commission of Lansing, to be used in the Labor and Industrial Relations Cen- ter to finance a study of grievance machinery of the Michigan Civil Service Commission
Relm Foundation of Ann Arbor, to continue the ed- ucational work in citizenship training to be used in connection with the work of the Michigan Insti- tute of Local Government
Michigan Artificial Breeders Cooperative of East Lan- sing, to be used in Dairy for further experiments on artificial insemination
Pioneer Corn Company 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
National Turkey Federation of Mount Morris, Illinois, to be used in Poultry Husbandry in an evaluation of alternative methods of merchandising turkey meat in Michigan
National Institute of Health of Bethesda, Maryland, to be used in Zoology in immunogenetic and bio- chemical studies of Drosophila and Neurospora\$2,599
Research Corporation of New York City, to be used in Chemistry to purchase equipment for a project on the chemical behavior of photo-excited molecules \$2,300
Educational Television and Radio Center of Ann Arbor, to be used at WKAR, Radio for the pro- duction of a series of radio programs titled "As the Twig Is Bent"

Midland County Board of Supervisors, to be used in the Cooperative Extension Service for the continued employment of a Home Demonstration Agent in Midland County
West Coast Lumbermen's Association of Portland, Oregon, to be used in Agricultural Engineering in designing and testing gable and single-slope trusses
Arenace County, to be used in Agricultural Engineer- ing for a building appraisal study of farm buildings
Dow Corning Corporation of Midland, to be used in Dairy to study the possible uses of silicones in dairy manufacturing
Michigan State Poultry Improvement Association of East Lansing, to be used in Poultry Husbandry to test entries in the Broiler Test\$300
Distillers Feed Research Council of Cincinnati, to be used in Poultry Husbandry to conduct a project concerning the use of distillers drier solubles in rations for fur-bearing animals\$1,000
National Institute of Health of Bethesda, Maryland, to be used in Civil Engineering to determine methods of laying down dense impermeable coat- ings which provide high anti-corrosion protection without damage to hot and cold water distributing systems
National Institute of Health of Bethesda, Maryland, to be used in the Engineering Experiment Station for studies on the aerobic digestion of organic waste materials\$14,000
Reliance Electric and Engineering Company of Cleve- land, Ohio, to be used in Electrical Engineering and the Engineering Experiment Station in the application of network theory toward the develop- ment of an electrical switching system for com- mutating purposes
Purdue University, Regional Funds of NC-24, to be be used in Textiles, Clothing, and Related Arts for a statistical analysis of regional data
National Institute of Health, to be used in Chemis- try in a study of the mechanism of ergosterol irradiation
National Institute of Health of Bethesda, Maryland, to be used in Chemistry for toxicity studies on cadmium and hexavalent chromium in concen- trations that may be expected in public water supplies
National Institute of Health of Bethesda, Maryland, to be used in Chemistry for the conversion of carbon dioxide to methyl groups in photosynthesis\$8,050
Office of Ordnance Research of Durham, North Caro- lina, to be used in Physics and Astronomy to con- duct basic research in low-temperature physics\$1,500

U. S. Pubblic Health Service of Washington, D.C., to be used in Microbiology and Public Health in a study of the mechanism of heat resistance in bacterial spores\$5,488	
Board of Supervisors in Ingham County, to be used in the Cooperative Extension Service for partial support of the salary of an additional Home Dem- onstration Agent and 4-H Agent for the fiscal year ending June 30, 1958	
National Plant Food Institute of Washington, D.C., to be used in Agricultural Economics and Soil Science to determine economic optima in fertiliz- ing selected crops under selected conditions and under varying prices	
Michigan Crop Improvement Association of East Lansing, to be used in Farm Crops to promote studies in seed improvement work and to assist in conducting the seed certification program in Michi- gan\$2,300	
National Institute of Health of Bethesda, Maryland, to be used in Horticulture and Chemistry in the isolation and characterization of tumor inhibitors from Boletus edulis	
Michigan State Florists Association of East Lansing, to be used in Horticulture to employ a part-time office worker\$1,740	
American Poultry and Hatchery Federation of Kansas City, Missouri, to be used in Poultry Husbandry in egg marketing research\$2,000	
Armour and Company of Chicago, to be used in Poultry Husbandry to study the development of mink feeds from packing house by-products\$3,600	
American Potash Institute of Washington, D.C., to be used in Soil Science to investigate the effect of fertilizer placement on small grains\$2,000	
Purchasing Agents' Association of Central Michi- gan, Inc., to be used in General Business for the furtherance of purchasing education	
Office of Vocational Rehabilitation of the Department of Health, Education and Welfare of Washington, D.C., to be used in Social Work for the employ- ment of a specialist in rehabilitation and three trainees	
Office of Vocational Rehabilitation of the Department of Health, Education, and Welfare of Washing- ton, D.C., to be used in Administrative and Edu- cational Services to continue the training of re- habilitation counselors	
Michigan Association of School Boards of East Lansing, to be used in Administrative and Educa- tional Services as reimbursement for the part-time services of J. E. Barbour	
Emil Schwarzhaupt Foundation, Inc., of New York City, to be used in Teacher Education in the preparation of a supplement to "Civic Education in the U.S. a Directory of Organizations"	

Michigan Heart Association of Detroit, to be used m Home Management and Child Development to continue the work simplification program\$	11,500
National Institute of Health of Bethesda, Maryland, to be used in Botany in a study of the effects of	
drugs and agricultural chemicals on cell division	\$9,890
Eli Lilly and Company of Indianapolis, Indiana, to be used in Botany in a study of the physiology of fungi\$	11,730
National Institute of Health of Bethesda, Maryland, to be used in Nursing Education to integrate psy- chiatric nursing principals and concepts throughout the basic nursing program	15,000
National Cancer Institute of the Public Health Service of Bethesda, Maryland, to be used in Zoology in a study of the effects on cell division of certain physical and chemical agents, with es- pecial reference to the quantitative aspects of the initiation of the cell-division process	\$5,175
National Institute of Health of Bethesda, Maryland, to be used in Zoology in immunogenetic and bio- chemical studies of Drosophila and Neurospora\$1	15,000
The Social Science Research Council of Washing- ton, D.C., to be used in History as an increased salary for J. A. Garraty	. \$200
National Institute of Health of Bethesda, Maryland, to be used in Psychology to conduct a research project on the organization and modification of belief systems	\$9,200
National Institute of Health of Bethesda, Maryland, to be used in Physiology and Pharmacology to determine the relation of hormones and nutrition to the cause of cancer	13.800
E. R. Squibb of New Brunswick, to be used in Surgery and Medicine to assay penicillin and streptomycin after it has been infused into udders of cows	\$1,200
W. K. Kellogg Foundation of Battle Creek to pay the salary of Robert Geist on a one-year assign- ment to the University of the Ryukyus on a project in the field of English language training	10,000
Educational Television and Radio Center of Ann Arbor, to be used in Communication Arts for a four-phased study of television programming\$1	10,000
Foundry Educational Foundation of Cleveland, Ohio, to be used in Mechanical Engineering for travel expenses, etc	. \$500
National Science Foundation of Washington, D.C., to be used in Botany in a taxonomic and phyto-	

geographic study of West Indian lichens, a contribution to the biogeography of the Caribbean ...... \$19,000

Alden B. Dow of Midland, to be used in Psychol- ogy to complete the current cross-national study of children's problem-solving in situations of conflict and tension, develop criteria for identifying cre- ativity in children and methods for assessing the environmental and cultural impact on the process of creativity, conduct interdisciplinary symposia on the process of creativity\$173,882	N
National Automatic Merchandising Association of Chicago, to be used in Microbiology to study foods vended by machine	
Educational Television and Radio Center of Ann Arbor, to be used in Television Development to provide partial support for a study of television and radio viewing and listening habits within the WKAR-TV audience area, under the title "Bench- mark Television-Radio Study, Part II: Farm"\$2,360	T
Denmark Township Agricultural Extension Associa- tion of Caro, to be used in the Cooperative Ex- tension Service to continue assistance with the	Р
cost of an intensive agricultural extension pro- gram in Denmark Township\$1,950	
J. I. Case Company of Racine, Wisconsin, to be used in Agricultural Engineering to determine the fundamental principles of hay pelleting, optimum methods for producing pellets, design and construc- tion of experimental unit for pelleting, and testing	Т
of such unit\$3,000	N
National Institute of Health of Bethesda, Maryland, to be used in Fisheries and Wildlife for a study of fundamental productivity in a stream	А
Dow Chemical Company of Midland, to be used in Poultry Husbandry to evaluate Ethocel as a plastic dip coating for preservation of frozen poultry\$600	
Mink Farmers' Research Foundation, Inc., of Mil- waukee, Wisconsin, to be used in Poultry Hus- bandry to explore the effect of diet upon fur de- velopment in mink\$1,500	N
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	
International Minerals & Chemicals Corporation of Chicago, to be used in Soil Science to study the magnesium status of Michigan soils and to de- termine the needs of various crops for magnesium fertilization	S
Mott Foundation of Flint, to be used in Administra- tive and Educational Services to establish an ex- perimental sixth year program for educational leaders in school-community development	A
National Science Foundation of Washington, D.C., to be used in Physics to study the properties of heavy mesons and hyperons	Ľ

National Science Foundation of Washington, D.C., to be used in Botany to finance an expedition to the Ecuadorian Andes to make an ecological study of the distribution of aquatic plants along a trans-mountain zone from sea level, over the cordilleras and to the Amazon basin; an extension of a project previously initiated	)
Detroit Ordnance District, to be used in Physics and Astronomy in experimental studies of the wave form and the absorption of ultrasonic waves	5
The Upjohn Company of Kalamazoo, to be used in Anatomy to support a project covering the develop- ment of a bibliographic index and a photographic exposition of the histologic anatomy of the rat\$3,000	)
National Association of Sanitarians of Denver, Colo- rado, to be used Microbiology for a study of aerosols\$1,200	)
Public Health Committee of the Paper Cup and Container Institute of New York City, to be used in Microbiology for a study of aerosols	)
Tee-Pak Foundation of Chicago, to be used in Forest Products to finance a special graduate research assistant to study thin packaging film and its effectiveness for various items	)
National Association of Artificial Breeders of Colom- bia, Missouri, to be used in Dairy to separate x-chromosome and y-chromosome bearing sperma- tozoa of the rabbit and the bull\$8,000	,
American Dairy Association of Chicago, to be used in Dairy for a study of the significance of enzymatic alteration of the casein components on the char- acteristics and quality of processed milk products\$6,200	)
National Apple Institute of Washington, D.C., to be used in Horticulture for the apple feeding experiment being sponsored by the Institute\$1,200	)
National Apple Institute of Washington, D.C., to be used in Horticulture in the project to determine the chemical composition of fresh apples from sam- ples of prominent varieties grown in different parts of the United States under known conditions\$3,250	)
State of Michigan Tourist Council of Lansing, to be used in the Bureau of Business and Economic Research to conduct a survey of persons who requested vacation literature from the Tourist Council during 1957\$1,400	)
American School Foundation of Mexico City, Mexico, to be used in Administrative and Educational Services to support a project for American indus- trial-business support of American-sponsored ap- proved schools in Latin America	)
United Community Chest of Ingham County, Inc., to be used in Social Work to provide a fellowship for a graduate student in the fold of social work	They want to be

Presque Isle County Board of Supervisors of Rogers City, to be used in the Cooperative Extension Service as a contribution toward the salary of a 4H Club Agent to be assigned to Presque Isle	Johnson & Johnson Company of Chicago, to be used in Microbiology and Public Health in an investigation of leucocytes and body cells in milk\$300
County\$4,000	American Dehydrators Association of Kansas City, Missouri, to be used in Dairy to study the nutri-
Market Administrator of the Federal Milk Marketing Order No. 24 of Detroit, to be used in Agricul- tural Economics to aid in facilitating adjustments	tion value of dehydrated alfalfa pellets in the rations of milking cows\$5,000
in the Detroit Market in regard to pricing, new techniques, changes in supply areas, and changes in the ratio of manufacturing milk producers to	Pan American Seed Company of East Lansing, to be used in Horticulture for breeding flowers\$168.25
fluid producers and their locations\$8,500	National Science Foundation of Washington, D. C., to be used in Electrical Engineering and the En-
Michigan State Millers Association of Monroe, to be used in Farm Crops to develop growth chamber facilities to be used for wheat breeding and genetics research	gineering Experiment Station in investigating fun- damental mathematical and electronic principles associated with high speed computing facilities\$20,000
Ohio Agricultural Experiment Station of Wooster, Ohio, to be used in Forestry to facilitate a study of Christmas tree marketing in Michigan\$400	National Science Foundation of Washington, D. C., to be used in the Science and Mathematics Teach- ing Center to provide additional instruction in physical science and mathematics to in-service
Armour and Company of Chicago, to be used in Horticulture for cancer research\$5,400	junior college teachers in the 1958 summer school \$47,400 American Cyanamid Company of New York City, to
Dearborn Chemical Company of Chicago, to be used in Chemical Engineering and the Engineering Experiment Station to investigate factors in boiler water contributing to water-side deposition, sludge	be used in Botany and Plant Pathology to finance spray research for control of apple, cherry, and peach, and small fruit diseases
quality, corrosion of steam generating surfaces, steam quality, and heat transfer on steam generat- ing surfaces	Research Corporation of Chicago, to be used in Chemistry in studies of metal-organic compounds by nuclear magnetic resonance spectroscopy\$4,790
The Upjohn Company of Kalamazoo, to be used in Botany to assist in carrying on research work on Dutch elm disease and other forest and shade tree diseases	The Chemstrand Corporation of Decatur, Alabama, to be used in Physics and Astronomy to conduct fundamental investigations in static electrification\$3,000
The Upjohn Company of Kalamazoo, to be used in Botany to aid in the support of a graduate re- search assistantship for research on seed treatment , and soil treatment fungicides	Air Reduction Company, Inc., Division of the Ohio Chemical & Surgical Equipment Company of Madison, Wisconsin, to be used in Farm Crops to investigate the effect of nitrous oxide and oxygen atmospheres on the conditioning of potatoes for potato chips
Horrocks Berry and Nursery Farms of Ionia, to be used in Botany for the continuation of studies and maintenance of the virus-free strawberry founda- tion stock	Chas. Pfizer & Company of Terre Haute, Indiana, to be used in Poultry Husbandry to study the use of unidentified growth factors in poultry and the use of antibiotics and unidentified growth factors
Air Force Office of Scientific Research of Washing- ton, D. C., to be used in Physics and Astronomy	in the ration of mink\$2,500
to continue the investigation of properties of low- lying nuclear energy levels	Michigan State Poultry Improvement Association of East Lansing, to be used in Poultry Husbandry to
Office of Ordnance Research of Durham, North Carolina, to be used in Statistics for basic research	test entries in the broiler test being raised at the Kellogg Farm\$550
in multivariate analysis\$9,998.35	National Education Association of Washington, D. C., to be used in Administrative and Educa-
Office of Naval Research of Washington, D. C., to be used in Statistics for research on power of tests of independents on 2 x 2 tables	tional Services to provide for workshops, institutes, and clinics in connection with the outdoor educa- tion project and continuing education
American Iron & Steel Institute and the National Association of Dairy Equipment Manufacturers of New York City, to be used in Microbiology and Public Health, Agricultural Engineering and Dairy to determine the cleanability of stainless steel	U. S. Forest Service of Minneapolis, Minnesota, to be used in Entomology for European pine shoot moth and forest plantation insect investigations\$1,000
dairy equipment under average commercial condi- tions\$24,900	Upjohn Company of Kalamazoo, to be used in Sur- gery and Medicine in mastitis research\$1,000

Michigan Inter-Industry Highway Safety Committee of East Lansing, to be used in Highway Traffic Safety Center to create a favorable climate and greater community appreciation for an acceptance of the values of driver education by producing a series of regional television programs throughout the State of Michigan\$20,000	
Almont Agricultural Extension Association of Al- mont, 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\$600	
Almont Agricultural Extension Association, to be used to support the intensive agricultural extension program for the year beginning November 15, 1957\$3,250	
Pan American Seeds, Inc., of Paonia, Colorado, to be used in Horticulture to employ a geneticist to work on color inheritance of petunias, identifica- tion of genotype in commercial varieties and in- breds, and breed tester lines for use in testing genotype of individual varieties	
White Laboratories, Inc., of Kenilworth, New Jersey, to be used in Poultry Husbandry in a study of the value of Lipamone in poultry feeds	
American Institute of Park Executives of Wheeling, West Virginia, to be used in Resource Develop- ment to continue a cooperative program for re- search and printing of technical literature in the park management field	
National Science Foundation of Washington, D. C., to be used in Botany and Plant Pathology to study the physiology of parasitism\$11,000	
The Ford Foundation of New York City, to be used in International Programs to assist in making an intensive analysis of and to define Michigan State's role in the international field, and for other purposes related to the development of the international program	
Michigan Seed Dealers Association of Wayland, Michigan, to be used in Farm Crops to study seed production in forage grasses and legumes\$500	
DeKalb Agricultural Association, Inc., of DeKalb, Illinois, to be used in Farm Crops as a contribu- tion to the MSU Corn Foundation\$1,000	
Abbott Laboratories of North Chicago, Illinois, to be used in Poultry Husbandry to continue the study of arsanilic acid\$2,000	
Abbott Laboratories of North Chicago, Illinois, to be used in Poultry Husbandry in mink nutrition studies	
Olin Mathieson Chemical Corporation of New York City, to be used in Poultry Husbandry to deter- mine if chlorhydrosyquinolin has growth promot- ing properties for poultry and to determine what levels are effective in this regard\$2,210	

Olin Mathieson Chemical Corporation of Baltimore, Maryland, to be used in Botany and Plant Path- ology for research on seed treatment and soil treat- ment fungicides	U. S. Department of Agriculture of Beltsville, Mary- land, to be used in Dairy for research on the effect of jet airplane noises on the milk production of dairy herds surrounding airports
Michigan Artificial Breeders Cooperative, Inc., of East Lansing, to be used in Physiology to con- tinue determinations on hormone levels in the	Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in Farm Crops for fertilizer and crop sequence studies\$2,200
bovine blood in order to provide essential informa- tion basic to infertility studies	Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in Farm Crops for sugar beet breeding research\$3,000
used in Cooperative Extension Service for the continued employment of an additional County Extension Agent in Livingston County for 1958\$7,000	National Apple Institute of Washington, D. C., to be used in Horticulture to determine the chemical composition of fresh apples from samples of prom- inent varieties grown in different parts of the
Tri-Township Agricultural Extension Association of Kalkaska County, to be used in Cooperative Ex-	United States under known conditions\$3,250
tension Service to assist in the cost of an intensive agricultural extension program in Boardman, Orange, and Oliver Townships	National Pickle Packers Association of Oak Park, Illi- nois, to be used in Horticulture for research on the effect of plant nutrients and cultural practices on yield and quality of pickling cucumbers\$2,500
Grants as follows to be used in Agricultural Engi- neering in support of the cooperative television program:	Merck and Company of Rahway, New Jersey, to be used in Horticulture for further evaluation of Gibberellic acid in crop production\$5,000
The Western Michigan Electric Co-op, Scottville. \$190.94         Tri-County Electric Cooperative, Portland	Mink Farmers' Research Foundation, Inc., of Mil- waukee, to be used in Poultry Husbandry to de- termine the effects of BHT upon growth and pelt quality of mink
Southeastern Michigan Rural Electric Coop, Inc., Adrian	<ul> <li>Columbia-Southern Chemical Corporation of Pitts- burgh, to be used in Soil Science to evaluate ammonium chloride as a nitrogen carrier for sev- eral crops grown in Michigan</li></ul>
Alger-Delta Cooperative Electric Association, Glad- stone	and clinics in connection with the outdoor educa- tion project and Continuing Education
Grants as follows to be used in Agricultural Engi- neering in support of the cooperative radio pro- gram, "Electricity at Work for You":	National Retail Dry Goods Association of New York City, to be used in Textiles, Clothing and Related Arts for research in retailing\$1,000
Alger-Delta Cooperative Electric Association, Glad- stone       \$30         Cherryland Rural Electric Cooperative Association, Traverse City       \$30         Consumers Power Company, Jackson       \$1,125	Ingham County Cancer Society, Inc., of Lansing, to be used in the Division of Biological Science for research on projects which give promise of a better understanding of cancer
Fruit Belt Electric Cooperative, Cassopolis       \$60         O & A Electric Cooperative, Newaygo       \$60         Oceana Electric Cooperative, Hart       \$60         Presque Isle Electric Cooperative, Inc., Onaway       \$60         Southeastern Michigan Rural Electric Coop, Inc., Adrian       \$30	Dow Chemical Company of Midland, to be used in Botany and Plant Pathology to test certain chem- ical compounds for their effectiveness in inhibiting or killing the casual fungus of the Dutch elm disease in infected trees
Thumb Electric Cooperative, Ubly.       \$60         Top O'Michigan Rural Electric Company, Boyne       \$60         City       \$60         Tri-County Electric Cooperative, Portland       \$60         The Western Michigan Electric Co-op, Scottville       \$60	Velsicol Chemical Corporation of Chicago, to be used in Botany and Plant Pathology to finance a re- search assistantship on seed treatment and soil treatment fungicides
Beef Cattle Research Foundation of Kansas City, Missouri, to be used in Animal Husbandry for re- search on dwarfism in beef cattle	Gerber Products Company of Fremont, to be used in Botany and Plant Pathology to finance a research assistantship on seed treatment and soil treatment fungicides

California Spray-Chemical Corporation of Moores- town,, New Jersey, to be used in Botany and Plant Pathology for the testing of new fungicide compounds\$200	
E. I. duPont deNemours and Company of Wilm- ington, Delaware, to be used in Chemistry to support the DuPont Post-Graduate Teaching As- sistantship	
U. S. Army Detroit Ordnance District of Detroit, to be used in Chemistry for research entitled "The Acylation of Cyclopropanes"	
Petroleum Research Fund of the American Chem- ical Society of Washington, D. C., to be used in Chemistry to provide fellowships for graduate students	
Petroleum Research Fund of the American Chem- ical Society of Washington, D. C., to be used in Chemistry to provide travel and expenses for glass- ware, chemical, etc., to carry on fundamental organic chemical research	
U. S. Army Office of Ordnance Research of Dur- ham, North Carolina, to be used in Physics and Astronomy to conduct research in low-temperature physics	
Agricultural Marketing Service of the U. S. Depart- ment of Agriculture of Washington, D. C., to be used in Sociology and Anthropology to ascertain the intention of high school seniors in selected counties of Michigan with regard to migration after graduation, to determine from students who intend to migrate the influences that lead to their decision, and the role of persons in professional occupations in advising young people about mi- gration	
National Project in Agricultural Communications of East Lansing, to be used in Sociology and Anthro- pology for research on the diffusion of ideas and technology to extension programs	
National Institute of Health of Bethesda, Maryland, to be used in Sociology and Anthropology in a study of the Anglo-Latin relationships in selected hospitals and communities in the United States\$142,760	
W. K. Kellogg Foundation of Battle Creek, to be used in Continuing Education to mobilize and focus the University resources, and other public and private resources, upon the problems of the communities of Michigan	
Board of Supervisors of Genesee County, to be used in the Cooperative Extension Service for the con- tinued employment of an additional County Ex- tension Agent in Genesee County	
Michigan Agricultural Limestone Association, to be used in Soil Science for lime research	
Tennessee Valley Authority of Knoxville, Tennessee, to be used in Soil Science and Agricultural Eco- nomics to facilitate field and greenhouse experi- mental work and statistical computations for methodological work in determining the effects of various plant nutrients on crop yield response\$7,000	

The Rockefeller Foundation of New York City, to be used in Political Science to complete his analy- sis of the work of Harold D. Lasswell	<b>\$6,0</b> 00
The Rockefeller Foundation of New York City, to be used in Political Science to complete work for the writing of a book on the theory of the public interest in governmental decision making	\$1,500
U. S. Steel Foundation, Inc., of New York City, to be used in Metallurgical Engineering for fellow- ships in the field of engineering	.\$6,000
National Science Foundation of Washington, D. C., to be used in Botany and Plant Pathology to study virus multiplication as influenced by inherent re- sistance of the plant host	\$13,000
Chemagro Corporation of New York City, to be used in Entomology for an evaluation of Guthion against fruit pests and on quality on various apple varieties	\$750
Shell Chemical Corporation of New York City, to be used in Entomology for studies on the control of clover root borer in an effort to prolong stands and increase seed production, for studies on vetch bruchid, for studies on asparagus and cucumbers by granulated formulations for beetle control and onion maggot populations, and fruit insect studies with Phosdrin	\$2,000
Shell Chemical Corporation of New York City, to be used in Entomology to evaluate Shell's gran- ular and liquid nematocides on various fruit and vegetable crops on both muck and mineral soils	\$500
Office of Ordnance Research of the U. S. Army of Durham, North Carolina, to be used in Physics and Astronomy for a theoretical and experimental study of the thermo-electric properties of dilute alloys of copper and silver	\$13,290
National Science Foundation of Washington, D. C., to be used in Statistics to support research on discrete problems in mathematical statistics	\$20,000
Board of Supervisors of Manistee County, to be used in the Cooperative Extension Service as a con- tribution toward the salary of Assistant County Agricultural Agent assigned to Manistee County	. \$2,500
Pure-Pak Division of the Ex-Cell-O Corporation of Detroit, to be used in Dairy and Forest Products to investigate plastic-coated milk cartons for com- mercial use	. \$8,050
Lake States Forest Experiment Station of St. Paul, Minnesota, to be used in Forestry to complete and analyze data on Christmas tree marketing	\$500
Chas. Pfizer and Company of Brooklyn, New York, to be used in Horticulture for evaluation of Gib- berellin in plant growth, flowering, and crop pro- duction	. \$5,000
Smith, Kline and French Laboratories of Philadel- phia, to be used in Poultry Husbandry and Psy- chology to screen several tranquilizers for their activity when administered to birds	. \$2,000

Consumers Power Company of Jackson, to be used in the Bureau of Business and Economic Research for the purchase of equipment for the Bureau\$2,500	The Civic Fund of Kalamazoo, to be used in Fish- eries and Wildlife to assist in purchasing birds and materials for waterfowl research in the Kel- logg Bird Sanctuary area
U. S. Office of Education of Washington, D. C. to be used in the Office of Evaluation Services to study the effects of higher education on the devel- opments of critical thinking attitudes and values\$26,745	American Cyanamid Company of Stanford, Con- necticut, to be used in Horticulture to determine the relationship of freezing temperatures occurring
Household Economics Research Service of the U. S. Department of Agriculture, to be used in Home Management and Child Development to expand research in household economics with particular reference to the summarization and analysis of farm home account records collected by Univer-	<ul> <li>close to bloom and use of cyprex as fungicide on apples to russeting of fruit\$3,000</li> <li>Bakelite Company of New York City, to be used in Horticulture to determine the factors responsible for the influence of black polyethylene mulch on warm weather vegetable crops\$1,000</li> </ul>
sity personnel	California Spray Chemical Company of Moores- town, New Jersey, to be used in Entomology in an evaluation of certain sprays on trees and small fruits for control of leafrollers, berry moth, mites, aphids, and spittlebug
Velsicol Chemical Corporation of Chicago, to be used in Entomology for forage insect investigations concerned with vetch bruchid, Clover root borer, and extending length of clover stands; and for vegetable studies on asparagus and cucumber in- sect control with soil treatment	National Institute of Health of Bethesda, Maryland, to be used in Zoology in a study of genetic factors in human salivary amylase secretion
Department of Health, Education, and Welfare of Washington, D. C., to be used in Sociology and Anthropology to determine the relationship of oc- cupational aspiration to educational, social, and psychological factors among high school students\$14,662	<ul> <li>volumes of books about birds for the Friends of the MSU Library collection, valued at</li></ul>
Stran-Steel Corporation of Detroit, to be used in Agricultural Engineering in a study of ventilation in uninsulated structures as affecting layer drying of beans and corn	General Electric Company of Lansing, for use in the Mechanical Engineering laboratories, gift of a Weathertron heat pump valued at\$2,200
John H. Hoagland of East Lansing, to be used in Personnel and Production Administration to help finance research in the area of business\$1,000	Socony Mobil Oil Company, Inc., of New York City, to continue a previously established scholarship\$1,300
Niagara Chemical Division of Middleport, New York, to be used in Entomology for an evaluation of Tedion, Nialate, Thiodan, and Phostex on fruit insects, vegetable and forage insects, and green- house crops insects	Douglas Aircraft Company, Inc., of Santa Monica, California, to establish a scholarship in the field of Mechanical Engineering. The candidate must be an outstanding and deserving senior who is a citizen of the United States
<b>Chas.</b> Pfizer Company of Maywood, New Jersey, to be used in Microbiology and Public Health to determine the efficacy of a numbered compound prepared with four different coatings as an an- thelmintic in swine	<ul> <li>Biddle Purchasing Company of Chicago, to continue the scholarship in the field of lumber merchandising\$500</li> <li>Michigan Dairy Memorial and Scholarship Founda- tion, for students for Spring Term 1957\$340</li> </ul>
Michigan State Highway Department, to be used by the Highway Traffic Safety Center for work to be performed over a 3-year period ending September 15, 1960	Michigan Association of Home Builders of Lansing, to provide a scholarship for the curriculum in resi- dential building
California Spray Chemical Corporation of Moores- town, New Jersey, to be used in Botany in stud- ies on the control of tomato leaf blights and anthracnose	<ul> <li>Asher House Fund, Inc., of Detroit, to assist students who are members of the Asher House Association\$540</li> <li>Arthur Vinson of Scarsdale, New York, gift of 12 shares of General Electric Common Stock, valued at\$759</li> </ul>
Marathon Corporation of Menasha, Wisconsin, to be used in Microbiology to determine the effect of Maracarb on rumen fermentation and the efficacy of Maracarb in the treatment of ketosis	The National Association of Educational Broadcasters of Urbana, Illinois, to be used in Television Devel- opment and Speech to support the annual tele- vision workshop\$1,700

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Woodall Industries, Inc., Sams, Inc., S. S. Kresge Company, and the Michigan Consolidated Gas Company of Detroit, to be used in the College of Education for scholarships for teachers and counse- lors in the Cooperative Counselor Training Program\$900
Michigan Division of the Women's National Farm and Garden Association of Detroit, to be used in Continuing Education Services as a contribution for the program in Adventures in World Understanding \$110
W. K. Kellogg Foundation of Battle Creek, to be used in International Programs to purchase tape recorders for the English language training program at the University of the Ryukyus\$3,000
J. W. Knapp Company of Lansing, to be used in the Library to purchase current publications of the Na- tional Retail Dry Goods Association; books, periodi- cals, and studies on retail accounting, retail adver- tising, retail architecture, retail layout and design, shopping centers, downtown parking, and credit; and books in the field of business
Safeway Stores, Inc., of Washington, D.C., to pro- vide assistance to four food distribution scholarship recipients during spring term
Foundry Educational Foundation of Cleveland, Ohio, to continue established scholarships\$1,500
Detroit Hoo Hoo Club of Detroit, to continue the scholarship for students enrolled in Lumber Mer- chandising
Detroit Lumbermen's Association, to continue the scholarship for students enrolled in Lumber Mer- chandising
Jos. Schlitz Brewing Company, to continue their scholarships\$5,000
Champion Sprayer Company of Detroit, to be used in Entomology, gifts of a dusting machine and exten- sions, rotary hand duster, and double action duster and extensions, valued at
Engine Parts Manufacturing Company of Cleveland, Ohio, to be used in Entomology, a gift of a hand sprayer and attachments for cub tractor, valued at\$100
H. D. Hudson Manufacturing Company of Chicago, be used in Entomology, gifts of 4 power sprayers and 2 Stauffer dusters, total value
Niagara Chemical Division of the Food Machinery and Chemical Corporation of Middleport, New York, a gift of a cyclo-junior rotary hand duster valued at
D. B. Smith and Company, Inc., of Utica, New York, to be used in Entomology, a gift of a speedex garden and tree sprayer, valued at\$10
California Spray Chemical Corporation of Maumee, Ohio, to be used in Entomology, a gift of 4 Queen- size sprayettes, valued at

Doggett-Pfeil Company of Springfield, New Jersey, to be used in Entomology, a gift of 3 Hydromix automatic gardening units, valued at	
Tiscornia Foundation, Inc., of St. Joseph, to be used for scholarships	\$250
Samuel B. Greenbaum of Detroit, to establish a gen- eral scholarship fund	\$500
Faculty Folk Club of East Lansing, to continue schol- arships for needy women students	\$300
Owosso Rotary Club, to provide assistance for a de- serving and needy student	\$25
Estate of LaVerne Noyes of Chicago, for scholarships.	\$800
Western Electric Company of Chicago, to continue the scholarship in Engineering	\$800
General Motors Research Staff of Detroit, to continue the scholarships in Metallurgical Engineering	\$600
American Society for Metals Foundation of Phila- delphia, Pennsylvania, to continue the established scholarship	\$400
Hugh J. Bartley of Mason, to be placed in the Chit- tenden Loan Fund	\$10
State of Michigan, to be used in 4-H Clubs for premiums for the 1957 Farmers' Week Egg and Crop Show	. \$407.50
Sanilac County 4-H Clubs of Sandusky, to be used in 4-H Clubs to send an IFYE delegate to Argentina	\$450
National 4-H Club Foundation of Silver Spring, Maryland, to be used in 4-H Clubs to help pay ex- penses of special IFYE's from the Near East while in Michigan	\$500
Cities Service Oil Company of Bartlesville, Oklahoma, to be used in 4-H Clubs to provide member keys, certificates, and brochures to publicize the 4-H program	\$4,000
Allstate Foundation of Chicago, to be used in Contin- uing Education for driver education teacher train- ing scholarships	\$3,000
Jackson Peace Council of Jackson, to be used in Con- tinuing Education as a contribution toward the Christmas Adventure in World Understanding Pro- gram	\$25
Gifford-Wood Company of Hudson, New York, a gift of a Gifford-Wood Unifryer to be used in restaurant research in the Food Service Laboratory, valued at	\$2,000
Chesapeake & Ohio Railroad Company of Cleveland, to become a permanent part of the University Mu- seum, a gift of a Berkshire-type steam locomotive #1225 valued at	. \$25,000
Vice President Richard M. Nixon for scholarship aid for one or more students from underdeveloped countries of the world	\$500

Kimberlay-Clark Foundation, Inc. of Neenah, Wiscon- sin, \$1,000 to be used for Grocery Manufacturers
Scholarships and \$500 to the departmental account \$1,500
Udylite Corporation, Socony Mobil Oil Company, Michigan Bell Telephone Company, Fenestra, Inc., and the Detroit Edison Company of Detroit, to be used in the Cooperative Counselor Traning Program as scholarships for teachers and counselors\$2,100
The Statler Foundation of New York City for a \$600- scholarship and a \$900-scholarship to establish the Ellsworth Milton Statler Scholarships, one to be awarded to a Michigan student and one to an out- of-state student in Hotel, Restaurant and Institu- tional Management; and \$1,000 as an annual schol- arship to encourage teacher education in the hotel field to any teacher of any school where hotel or food courses are taught
Michigan Dairy Memorial and Scholarship Foundation, Inc., of Lansing, the income from the investment of these funds to be used for tuition scholarships, or other awards, for students in the field of dairying\$28,000
Gratiot County Bankers Association of St. Louis, Michi- gan, scholarships for 4 students in the General Agri- cultural Short Course
Kroger Company of Cincinnati, Ohio, to support the Kroger Scholarship for 1956-57\$1,000
Union Carbide International Company of New York City, to establish a Union Carbide Engineering Scholarship Program
Michigan Society for Crippled Children, to provide a grant for a student in Summer School\$100
Michigan State University Student Governent, to es- tablish a Student Government Scholarship for stu- dents who have been active in Student Government\$1,200
Westinghouse Educational Foundation of Pittsburgh, to continue the Westinghouse Achievement Schol- arship in Electrical Engineering for 1957-58
Asher House Fund, Inc., of Detroit, to continue assist- ance for three students living in Asher House during spring term 1957\$300
Wayne County Home Demonstration Council of De- troit, to provide the Emma DuBord Scholarship for 1957-58
Presser Foundation of Philadelphia, to continue the Presser Foundation Scholarship for students in the Music Department for 1957-58
Continental Oil Company of Ponca City, Oklahoma, to establish a scholarship in Chemistry
Grand Rapids Panhellenic Association of Grand Rapids, to be added to the Grand Rapids Penhellenic So- ciety Student Loan Fund
Gerber Company, to suport the Grocery Manufac- turer's Scholarship
Proctor & Gamble, to support the Grocery Manufac-

P. Eduard Geldhof of St. Joseph, gift of 100 shares of Whirlpool common, valued at\$2,400
Ex-Cello-O Corporation of Detroit, to be used in the College of Education as scholarships for teachers and counselors in the Cooperative Counselor Train- ing Program
Peoples Outfitting Company of Detroit, to be used in the College of Education as scholarships for teachers and counselors in the Cooperative Counselor Train- ing Program
Pick Hotel Corporation, to continue the Pick Hotels Scholarship being channeled through the American Hotel Foundation of New York City\$400
Harrison Jules Louis Frank and Leon Harrison Frank Memorial Corporation of Detroit, to continue the es- tablished Frank Memorial Scholarship for a junior in Engineering
Campbell Sales Company of Camden, New Jersey, to support the Grocery Manufacturer's Scholarship\$1,500
Johnson Foundation of Racine, Wicsonsin, to sup- port the Grocery Manufacturer's Scholarship\$1,500
Sperry & Hutchinson Company of New York City, to support the Grocery Manufacturer's Scholarship\$1,500
R. C. Mahon Foundation of Detroit, to continue the established scholarships for two students in Engi- neering
The Chicago Farmers' of Chicago, to be used for schol- arship purposes
Square D Company of Detroit, to continue two schol- arships in Engineering
Michigan Bell Telephone Company of Detroit, to be used in 4-H Clubs for expenses in connection with the 4-H Conservation Camp\$3,250
Michigan Independent Telephone Association, to be used in 4-H Clubs for expenses in connection with the 4-H Conservation Camp
Michigan Council on Economic Education of Lansing, to be used in Teacher Education to provide funds for the Curriculum Workshop in Economic Education \$1,120
Whirpool-Seeger Corporation of St. Joseph, to be used in Mechanical Engineering to aid qualified high school students to attend the Jets Leadership Con- ference
Estate of Edmund A. Calkins, to be used in the furth- erance of health conditions of the student body\$1,500
Various donors, gifts for the University Museum valued at\$5,496.92
Childe Hassam Fund of the American Academy of Arts and Letters of New York City, a gift of a charcoal and wash drawing by Ethel Edwards, entitled "Brush Valley," valued at

Michigan Sugar Company of Saginaw, to be used in Chemical Engineering, a gift of an ore and coal crusher, assorted hard rubber pipe fittings, a polari- scope and assorted hydrometers, and other equipment valued at	
Estate of LaVerne Noyes of Chicago, to continue the scholarships	
Sears-Roebuck Fund of Chicago, for freshman women entering the College of Home Economics	
Sears-Roebuck Foundation of Chicago, for freshmen scholarships, sophomore scholarships and short course scholarships in the College of Agriculture\$1,960	
Duncan Hines of Bowling Green, Kentucky, for con- tinuation of the Duncan Hines Scholarship	
Detroit Edison Company of Detroit, to continue 3 scholarships for \$250 for entering freshmen and 2 scholarships for \$330 for upper classmen	
Dow Corning Corporation of Midland, for the elec- trical insulation scholarship	
Whirlpool Foundation of St. Joseph, for continuation of the Whirlpool Scholarships	
Charles & Helen Smillie Foundation of Ferndale, for continuation of the Smillie Scholarship in Pro- duction Engineering	
Cities Service Foundation of Bartlesville, Oklahoma, \$600 to be granted to the scholarship recipient and \$300 to be used as a departmental grant	
International Stewards' and Caterers' Association, Inc., of Redwood City, California, for the continuation of the Joseph C. Orange Memorial Scholarship\$1,000	
Ralston Purina Company of St. Louis, Missouri, for continuation of the Ralston Purina Scholarship Fund\$500	
Solvay Process Division of Syracuse, New York, for continuation of the Solvay Process Scholarship\$1,000	
Charles E. Culpepper Foundation of New York City, for scholarship purposes	
Michigan Home Demonstration Council for freshmen women entering the College of Home Economics\$900	
Bates & Rogers Foundation of Chicago, for scholar- ships in Civil Engineering	
Central Soya Foundation of Fort Wayne, Indiana, for the McMillen Feed Mills Scholarship in the Elevator and Farm Supply Short Course	
Central Trust Company of Lansing, to support the Hinman Scholarships for 1957-58	
The Kroger Company of Cincinnati, for three freshmen women entering the College of Home Economics\$750	
The Kroger Company of Cincinnati, for three schol- arships in the College of Agriculture	

Lansing Home Builders Association of Lansing, to be known as the Michigan State University Home Builders' Scholarship and Loan Fund
Farmers and Manufacturers Beet Sugar Association of Saginaw, for a scholarship for a freshman student in Agriculture from the Lower Peninsula of Michigan\$1,000
Farmers and Manufacturers Beet Sugar Association of Saginaw, for a scholarship for a freshman student in Home Economics
B. G. Harr and James G. House of Bay City, for a scholarship in Metallurgical Engineering
Saginaw Rotary Club, to promote student scholarship by direct subsidy\$25
U. S. Rubber Company of New York City, for students of proven ability who lack personal financial resources \$1,500
Mrs. Georgia E. Corbin of Grand Rapids, to establish the Dr. Gail E. Hawley Scholarship to be awarded to a student in the fourth year of Veterinary Medicine \$5,000
Worthing Scholarship Fund of Houston, Texas, to pro- vide aid for qualified graduates of negro high schools in the Houston Independent School District
Alexander Hamilton Bicentennial Commission of Washington, D. C. to aid a student from the Virgin Islands
To support the Grocery Manufacturer's Scholarship;         two-thirds to be used for scholarship aid and one-         third for departmental use:         Marathon Foundation       \$1,500         Hussman Refrigeration, Inc.       \$1,500         Philip Morris, Inc.       \$1,500         Thomas J. Lipton Company       \$1,500         Pet Milk Company       \$1,500         Reflogg Company       \$1,500         Illinois Canning Company       \$1,500         General Mills Company       \$1,500         H. J. Heinz Company       \$1,500         Star Kist Foods       \$1,500         Star Kist Foods       \$1,500         Reynolds Metals Company       \$1,500
To support the Grocery Manufacturer's Scholarship:       \$1,000         Chain Store Age       \$1,000         Jewel Tea Company       \$1,500         Tyler Foundation       \$1,000         Jewel Tea Company, Inc., of Melrose Park, Illinois       \$500         Joseph J. Shane       \$500
Rotary Club of Glastonbury, Connecticut, for schol- arship aid
Air Force Aid Society of Washington, D.C., for scholarship aid
The Norwell Parent-Teacher Association of Norwell, Massachusetts, for scholarship aid\$300
The Kalamazoo Gazette of Kalamazoo, for scholarship aid\$255
Lebanon Syrian Women's League of Cleveland, Ohio, for scholarship aid

Women's Club of Tenafly, New Jersey, for scholarship aid
The Grand Lodge of Free and Accepted Masons of Flint, for scholarship aid
Pullman Educational Foundation of Chicago, for schol- arship aid\$600
Board of Home Missions of New York City, for schol- arship aid\$760
American Baptist Student Aid Fund of New York City, for scholarship aid\$50
Rahr Foundation of Manitowoc, Wisconsin, for schol- arship aid\$500
Wisconsin Public Service Corporation of Green Bay, Wisconsin, for scholarship aid
Alexander Hamilton Bicentennial Commission of Washington, D.C., to compensate this University for the cost of the education of Winston A. Hodge, their scholarship student from the Virgin Islands\$1,000
Michigan Farm Bureau, to be used in 4-H Clubs for awards for the 4-H Club meeting demonstration at the 1957 State 4-H Show\$250
Michigan Chapter of the Soil Conservation Society of America to be used in 4-H Clubs to provide a schol- arship for selected 4-H Conservation Club Leaders to attend the 4-H Conservation Camp in June 1957\$105
The Burns Foundation of Petoskey, to be used in Education to establish a reading center to serve the public and parochial schools of Petoskey and Harbor Springs
Junior Engineering Technical Society of East Lansing, to be used in Mechanical Engineering to aid quali- fied high school students to attend the Jets Leader- ship Conference\$300
Mrs. Alfred G. Wilson of Detroit, to be used in Con- tinuing Education toward the Christmas Adventure in World Understanding Program
The Borden Company Foundation, Inc., of New York City, for an annual scholarship award in the area of Food Distribution for a period of five years in the amount of \$300
Michigan League for Nursing of Lansing, for a student in Nursing Education\$300
Kraft Foods Company of Chicago, \$1,000 for the Gro- cery Manufacturer's Scholarship Fund and \$500 for departmental use
Pillsbury Mills, Inc., of Minneapolis, \$1,000 for the Grocery Manufacturer's Scholarship Fund and \$500 for departmental use
Safeway Stores, Inc., of Oakland, California, for the Grocery Manufacturer's Scholarship Fund\$500
Rapanos Foundation of Midland, for scholarship aid\$170
American Legion of Detroit, for the Guy M. Wilson Scholarships

Kiwanis Club of East Lansing, for an entering fresh- man from the East Lansing High School	5
Michigan State Alumni of Ingham County, to be added to the Ralph H. Young Scholarship Fund\$500	)
Valley City Milling Company of Portland, for a stu- dent in the Elevator and Farm Supply Short Course\$85	5
National Merit Scholarship Corporation of Evanston, Illinois, to provide one scholarship in the amount of \$225 and one for \$50\$275	5
Jewel Tea Company of Melrose Park, Illinois, for a Jewel Tea Scholarship Award\$500	o
American Hotel Foundation of New York City, for the Thomas D. Green Memorial Scholarship Award\$500	c
The Asia Foundation of San Francisco, California, for scholarship aid\$2,000	0
Cadillac Evening News of Cadillac, for scholarship aid \$150	0
Girls' League Scholarship of Sexton High School of Lansing, for scholarship aid\$200	0
Plym Foundation of Niles, for scholarship aid	0
Michigan State Women's Club of Kent County, for scholarship aid\$170	0
Elks National Foundation of Boston, Massachusetts, for scholarship aid	
Stoneham Public Schools of Stoneham, Massachusetts, for scholarship aid	0
Jessie T. Fee of Adrian, to be used for improving roads at the property located in Franklin Township, Lena- wee County, and known as the Hidden Lake Gar- dens	0
Jerry Tyler Foundation, Inc., of Niles, to be used in General Business in the field of food distribution \$50	
Chain Store Age of New York City, to be used in General Business in the field of food distribution \$50	0
Saginaw Branch of the Women's National Farm and Garden Association of Saginaw, to be used in Con- tinuing Education as a contribution toward the Christmas Adventure in World Understanding pro- gram	0
To be used for the Elevator and Farm Supply Scholar- ships in Short Course:	
Michigan Elevator Exchange of Lansing \$1,733.3 Farm Bureau Services, Inc., of Lansing \$866.6 Lansing Grain Company \$10 The Michigan Feed and Grain Association of East Lansing \$20	00
William J. Cook Fund of Chicago, for scholarship aid \$1,12	5
National Association for the Advancement of Colored People of Battle Creek, for scholarship aid	0
Melvin Michalski Scholarship Fund of Rochester, for scholarship aid\$50	00

Founders Fund of the Institute of Applied Hotel Eco- nomics of Detroit, for scholarship aid
Maxwell Jospey Foundation of Detroit, for scholarship aid
Shillito's of Cincinnati, Ohio, to provide two \$200 scholarships
Alpha Kappa Alpha Sorority of Waltham, Massachu- setts, for scholarship aid\$100
Grand Order of Calanthe of Detroit, for scholarship aid \$150
The Kroger Company of Cincinnati, Ohio, for schol- arship aid\$500
International Nickel Company, Inc., of New York City, for the scholarship in Engineering\$1,355
Press Industrial Arts Scholarship Fund of Cleveland, Ohio, for scholarship aid\$400
National Association of Home Builders of Washington, D.C., to add to the MSU Home Builders' Scholar- ship Fund\$10,272.72
National Starch Products Company of New York City, to establish a 4-year scholarship of \$500 per year for a student in Packaging Engineering
National Turkey Federation of Mt. Morris, to provide funds for the Youth Achievement Award\$500
Sears-Roebuck Foundation of Chicago, to provide funds for the winner of an "Urban Renewal Fellowship" for graduate study\$3,000
Junior Engineering Technical Society of East Lansing, to be used in Mechanical Engineering to aid quali- fied high school students by defraying the expenses of those attending the Jets Leadership Conference\$100
Michigan Veterinary Medical Association of Grand Rapids, to be used for the purchase of rare and his- torical books for the College of Veterinary Medicine\$1,000
Hastings Rotary Club, to be used in Continuing Edu- cation as a contribution toward the Christmas Ad- venture in World Understanding Program\$30
For the Elevator and Farm Supply Short Course Scholarship Fund:
Union Bank of Michigan, Grand Rapids
Board of Education of Lansing, to be credited to the Lewis Richards Memorial Award\$12
Saginaw Alumni Club, to be credited to the Dutch Miller Scholarship\$300
DeWitt's Zeeland Hatchery, Inc., of Zeeland, to be used for scholarship aid\$300
Charles E. Culpepper Foundation, Inc., of New York City, for scholarship aid\$126

	Michigan Dairy Memorial and Scholarship Founda- tion of Lansing, for scholarship aid\$680
	J. W. Knapp Company Charitable Trust of Lansing, for scholarships in Retailing
	Michigan Elk's Association of Lansing, to establish a Michigan Elk's Association Scholarship for 1957-58\$400
	Allen Printing Company of Lansing, for scholarship aid
· · · · · · · · · · · · · · · · · · ·	Maxwell Jospey Foundation of Detroit, for scholarship aid
	Clio Area Junior Chamber of Commerce of Clio, for scholarship aid
and a second	National Merit Scholarship Corporation of Evanston, Illinois, to be credited to the Discretionary Gift Fund \$255
	Michigan Milk Producers Association of Detroit, to be used in 4-H Clubs towards expenses of 9 delegates and 2 chaperons to the 1957 National 4-H Dairy Conference in Chicago\$395
	Michigan Artificial Breeders Cooperative of East Lan- sing, to be used in 4-H Clubs towards expenses of 9 delegates and 2 chaperons to the 1957 National 4-H Dairy Conference in Chicago
	Michigan Department of Agriculture, to be used in 4-H Clubs for 1957 State 4-H Show premiums and services of the University
	Michigan Dynometer Association of East Lansing, to be used in 4-H Clubs for 4-H Club awards\$100
	Republic Steel Corporation of Cleveland, to be used in 4-H Clubs for awards to outstanding handi- craft members in 1957
	Junior Engineering Technical Society of East Lansing, to be used for Jets, Inc., to aid qualified high school students by defraying the expenses of those attend- ing the Jets Leadership Conference
	Berthelsen Engineering Works, Inc., of Joliet, Illinois, to be used in Forest Products, gift of one new Berthelsen electric oil heating system valued at\$2,200
	Dow Chemical Company of Midland, to be used in Chemical Engineering for use in research and teach- ing instrumentation course, gift of instruments in- cluding pressure controllers, temperature controllers, electric valves, rotameters, etc., valued at\$500
	Commonwealth Edison Company of Chicago, to be used in Electrical Engineering to locate cable faults on electric power transmission circuits, gift of a Tobe telemetroscope valued at\$1,800
	Mrs. Thomas H. Osgood of East Lansing, to add to the permanent book collections of the University Library, 1027 volumes, valued at\$4,911
	Bendix Aviation Corporation of Detroit, to establish the Bendix Aviation Corporation Scholarship Fund to cover two tuition scholarships, one for resident and one for non-resident students

Foundry Education Foundation of Cleveland, for scholarship aid
Whiteley Foundation of Lansing, for scholarship aid \$333
Carlson Foundation, for scholarship aid
Western Electric Company of Chicago, \$755 for the scholarship fund and \$20 for the engineering schol- arship fund\$775
Niles Federal Savings and Loan Association of Berrien Springs for the Michigan Bankers' Association Short Course Scholarship Fund\$100
Owosso Savings Bank for the Michigan Bankers' As- sociation Short Course Scholarship Fund\$100
Cooperative Elevator Company of Pigeon, for the Elevator and Farm Supply Short Course Scholarship Fund
Asher Student Foundation, for scholarship aid \$540
To be used for scholarship aid:
Elks National Foundation of Boston
Illinois       \$225         World University Service of New York City       \$300         Southbridge Exchange Club of Southbridge, Mass- achusetts       \$150         Texas Lone Star Chapter CMAA of Corpus Christi       \$555         Elks National Foundation Emergency Education Fund of Boston       \$450
Rett Products Company of Detroit, to be used in Forest Products to purchase equipment for the Packaging Laboratory\$100
To be used in Continuing Education for the support of the Christmas Adventure in World Understand- ing program:
Anonymous donor\$10,000A.B.C. Club of Grand Ledge\$25Mrs. Charles H. Hatch of Easton, Maryland\$100The Danforth Foundation of St. Louis, Missouri\$1,500
Corn Products Refining Company of Chicago, to be credited to the Discretionary Gift Fund\$100
Gifts as follows to be used in Agricultural Engineer- ing for food technology studies:
Owens-Illinois Company of Toledo, Ohio, jars and cartons valued at
Pioneer Hydraulics, Inc., of Minneapolis, Minne- sota, couplers, clamps, dust plugs and dust caps valued at
Sears Roebuck and Company of Lansing, to be used in the Library for the College of Business Room, gift of one mile of microfilm in cardboard cartons representing the complete coverage of the more than 60 Sears Roebuck Catalogs, valued at

Hazel N. Olin of East Lansing, to serve as a partial nucleus of a Lincoln Collection in the Library, a gift of 180 volumes dealing with Abraham Lincoln, a copy of the "breeches" Bible published in England in 1600, a second edition of Jeremy Taylor's Ser- mons, 175 volumes of modern books, and a brown bust of Lincoln as a young man, valued at	\$1,500
For the Michigan Bankers' Association Short Course Scholarship Fund: Clinton County Bankers' Association of DeWitt Oxford Savings Bank of Oxford	\$200 \$200
For the Grocery Manufacturer's Scholarships, two- third to be used for scholarship aid and one-third for use in the department: The Old Kent Bank & Michigan Trust Company of Grand Rapids	\$1,500
General Electric Company of Cleveland, Ohio	
Horwath and Horwath of Chicago, \$100 to be applied to the Paul Simon Memorial Fund and \$100 for an award to an outstanding student in Hotel Accountin	ng\$200
Founders Fund, Institute of Applied Hotel Economics, of Detroit, to establish the Frawley Memorial Schol- arship to be made available to any graduate student seeking a Ph.D. in Business Administration and Hotel Administration	\$2,500
MSU Genesee County Alumni Club of Flint, to pro- vide assistance for a designated student	\$160
Michigan Landscape Conference of Lansing, to be used in Horticulture as an award to an outstanding junior or senior in ornamental horticulture	. \$265.32
To be used in Continuing Education to support the Christmas Adventure in World Understanding Pro- gram: United Church Women of Flint	\$50
Consumers Power Company of Jackson	\$500
J. Ralph Griffith of Birmingham, to be used in Animal Husbandry at the beef cattle barn, gift of a Swing- O-Matic heavy duty farm gate valued at	\$200
Vickers Incorporated of Detroit, to be used in Mechani- cal Engineering in connection with establishing an automatic controls laboratory, gift of a Vickers' test stand including photographs, drawings of the cir- cuits, parts, and installation, valued at	\$1,500
F. W. Gaines of Cleveland, Ohio, to be used to assist some worthy and well-qualified student needing financial help	\$100
The Ohio Association of Retail Lumber Dealers of Xenia, Ohio, to establish a scholarship to be known as The Theodore Laist-Antioch Scholarship, for a student enrolled in the Lumber and Building Ma- terials Merchandising curriculum	\$500
LaChoy Food Products of Archbold, to be used for Grocery Manufacturer's Scholarships	\$1,500
Fred Harvey Company of Chicago, for scholarship purposes	\$300

Michigan Society for Crippled Children of Detroit, for scholarship aid
Loeb Farm School for Jewish Children, Inc. of Chi- cago, for scholarship aid
J. R. Watkins Company, of Winona, Minnesota, to be used in 4-H Clubs for two \$100 scholarships to an outstanding boy and girl\$200
State Association of Mutual Insurance Companies of Lansing, to be used in 4-H Clubs, \$100 for the 1957 Farm Fire Prevention trip to Club Congress, and \$75 for the 1957 Farm Fire Prevention bond awards to three members
National Committee on Boys & Girls Club Work of Chicago, to be used in 4-H Clubs to cover expenses of delegates to the National Club Congress\$1,733.50
National Committee on Boys & Girls Club Work of Chicago, to be used in 4-H Clubs for expenses of sectional and National honors trips to the National Club Congress in Citizenship and Recreation
New York Central Railroad Company of Rochester, New York, to be used in 4-H Clubs to cover expenses of 4-H leadership award of the 4-H Clover certifi- cates and recognition dinner at the State 4-H Show. \$777.65
White Laboratories, Inc., of Kenilworth, New Jersey, to be used in Chemistry, \$1,480 to provide a fellow- ship for a graduate student and \$20 for supplies and services
Grants as follows to be used in Continuing Education
as contributions toward the Christmas Adventure in World Understanding Program:
in World Understanding Program: Seth Bidwell, Lansing
in World Understanding Program: Seth Bidwell, Lansing

Joseph J. Shane of Pasadena, California, to be credited to the Grocery Manufacturer's Scholarship Fund\$500
American Legion Headquarters of Detroit, to con- tinue the Guy M. Wilson scholarship for the winter term 1958\$266.68
Lansing Motor Carriers of Lansing, to continue the annual scholarship in the field of transportation \$1,000
To be used for scholarship aid:J. W. Knapp Company of LansingSchool District of Heppner, OregonSchool District of Heppner, OregonUniversity Hellenic Club of Philadelphia\$400Michigan Elks Association of Lansing\$400
B. G. Harr and James G. House of the Dow Chemical Company, to be used in Metallurgical Engineering for a scholarship\$127.50
Inter-University Committee on Travel Grants of New York City, to be used in Political Science to enable a staff member to travel to the Soviet Union and spend one month in that country
General Foods Fund, Inc., of White Plains, New York, to be used in the College of Home Economics, \$6,000 for two \$3,000 fellowships for graduate study and \$1,000 to the College of Home Economics
Spartan Alumnae Club of Greater Lansing, to be used in Communication Arts and Continuing Education to support the speech and hearing clinic
Automobile Club of Michigan, to be used in Continu- ing Education for police training program scholar- ships
Grants as follows to be used in Continuing Education to support the Christmas Adventure in World Under- standing Program:
Burroughs Foundation, Detroit\$250Tranter Manufacturing, Inc., Lansing\$50Women's Society of Peoples Church, East Lansing\$50George H. and Elizabeth C. Arbaugh, Lansing\$75Harry D. Hubbard, Lansing\$50Ruth Bowen, Lansing\$50
Michigan National Bank of Lansing, to help defray the costs of the western trip of the Glee Club\$1,000
Professor Irving W. Knobloch, of the Natural Science Department, gift of 1,543 specimens of flowering plants, 1,014 specimens of ferns, and 50 live plants of Mexico, valued at
Joseph D. Allen, of the Allen Lumber Company of Lacon, Illinois, to be credited to the student loan fund for Lumber Merchandising students
Berryhill Nursery Company of Springfield, Ohio, to be used in training key personnel in the Nursery and Landscape Management Short Course
K. L. VanNatta of Holly, Michigan, to be used in training key personnel in the Nursery and Land- scape Management Short Course
Anonymous donor, for scholarship purposes

The Upjohn Company of Kalamazoo, to provide a scholarship for a senior Veterinary student for special training in laboratory techniques and research methods
Ransom Fidelity Company of Lansing, to aid students in Veterinary Medicine
Jones and McKnight, Inc., of Chicago, an unrestricted contribution preferably for use in the College of Engineering
C. Allen Harlan of Detroit, for scholarship purposes \$1,000
Michigan Elevator Exchange of Lansing, to be credited to the Elevator and Farm Supply Short Course Scholarship Fund
Farm Bureau Services, Inc., of Lansing, to be credited to the Elevator and Farm Supply Short Course Scholarship Fund
The Caulkins Foundation of Detroit, to be credited to that scholarship fund\$5,000
William Riker Johnson Post #205 of East Lansing, for scholarship purposes\$100
Ralph R. Calder of Detroit, for scholarship purposes \$1,000
General Motors Corporation of Detroit, for the general Motors Scholarships for 1957-58
The Greenfield-Mills Restaurant of Detroit, to renew that scholarship\$500
Maxwell Jospey Foundation of Detroit, for scholarship purposes\$350
Illinois Lumber and Material Dealers Association, Inc. of Springfield, Illinois\$500
Ivan F. French of Sarasota, Florida, for the annual Elizabeth I. French Award
Estate of LaVerne Noyes, for scholarship purposes \$800
A. Jouppi of Rochester, to be credited to the A. A. Applegate Scholarship Fund
For financial aid to specified students:
Asher Student Foundation of Detroit\$425Allen Printing Company of Lansing\$85Alumni Association of Genesee County\$160School District No. 1, Heppner, Oregon\$100Elks National Foundation of Boston, Massachusetts\$400Lansing District Nurses Association of Lansing\$100
Mr. & Mrs. Talbert Abrams of Lansing, to be used to start a fund to furnish a study, lounge or library for the Honors College
Michigan Inter-Industry Highway Safety Committee of East Lansing, to be used in the Highway Traffic Safety Center to assist senior students in Highway Traffic Administration defray expenses incurred dur- ing extended field study. \$500

Grants as follows to support the Christmas Adventure in World Understanding Program:
Ransom Fidelity Company of Lansing.\$1,500Bruce J. Maguire of Lansing.\$110Albert A. White, Lansing.\$100Spartan Women's League, MSU\$10Harold F. Gross, Lansing.\$10General Homes, Inc., Lansing.\$100Stannard L. and Gladys K. Baker, East Lansing.\$35Rotary Club of Lansing.\$50Kiwanis Club of Lansing, Inc.\$50Women's Association of the Drayton Avenue Presbyterian Church, Ferndale\$15Michigan Bell Telephone Company, Detroit\$400Robert C. Lindell, East Lansing.\$50Business and Professional Women's Association of\$35Grand Rapids.\$35
Gifts from many donors for the University Museum valued at\$10,367
Mr. & Mrs. George E. Wyman of Pontiac, to be used at the Oakland Branch of Michigan State University for acquisition of necessary items
Dow Chemical Company of Midland, to be used \$2,000 in Chemical Engineering, \$2,000 in Mechanical Engineering, and \$500 in Metallurgical Engineering\$4,500
Senior Class of 1957 to establish a scholarship in their name
Michigan Farm Equipment Association of Grand Rapids, to be used in Short Courses to train key personnel in the Farm Equipment Service and Sales Course
Valley City Milling Company of Portland, to be cred- ited to the Elevator and Farm Supply Short Course Scholarship Fund
Founders Fund of the Institute of Applied Hotel Eco- nomics of Detroit, for scholarship purposes
To be credited to C. A. Rosenbrook Scholarship Fund\$15
The Board of Home Missions of New York City, for scholarship purposes
American Missionary Association of New York City, for scholarship purposes\$255
The Detroit Edison Company of Detroit, for scholar- ship purposes\$1,560
C. J. Stringer of Lansing, to be used in Continuing Education as a contribution toward the Christmas Adventure in World Understanding Program\$25
Customers of the Elliott Bay Lumber Company of Seattle, Washington, to provide funds for one schol- arship in the course in Lumber and Building Mate- rials Merchandising
Sandra Gidner of Charlotte, to establish the Sandra Gidner Award for a needy student in Nursing Education

Community National Bank of Pontiac, to be used for Michigan Bankers' Association Short Course Schol- arships
National Merit Scholarship Corporation of Evanston, Illinois, for scholarship purposes\$500
Michigan Dairy Memorial and Scholarship Foundation of East Lansing, to provide 8 scholarships for Win- ter Term 1958\$680
Ralston Purina Company of St. Louis, Missouri, to continue the Ralston Purina Company Scholarship for 1958-59
Chicago Restaurant Association of Chicago, for schol- arship purposes
To be used for scholarship aid:Deans Dairy of Eau Claire, MichiganAsher House Foundation, Inc., of DetroitS300Ransom Fidelity Company of LansingRace Relations Department of the Board of HomeMissions of New York CityMassachusettsJack P. Toombs of Flint, MichiganS100George M. Pullman Educational Foundation of ChicagoChicagoZonta Club of Lansing, for a student in Nursing EducationEducationS200Michigan Society for Crippled Children of DetroitS250
Dow Chemical Company of Midland, to be used in Farm Crops, gift of a plant seed and seed photo- graph collection, valued at\$3,000
Michigan Certified Hybrid Seed Corn Producers Asso- ciation of East Lansing, to be used in Farm Crops, gift of 56 bushels of Michigan certified hybrid seed corn valued at
Ferry Morse Seed Company of Detroit, to be used in 4-H Clubs to cover a portion of the expenses of state contestants and chaperones at an annual convention at Springfield, Illinois, in December 1957\$250
The Sears Roebuck Foundation of Chicago, to be used in 4-H Clubs as awards for tours, junior leader- ship schools, and State 4-H Club Council\$12,275
The Sears Roebuck Foundation of Chicago, to be used in 4-H Clubs for special purposes in the 4-H Club program in the electrical project\$1,500
National Committee on Boys and Girls Club Work of Chicago, to be used in 4-H Clubs for the expenses of two 4-H Club boys and a chaperon to attend the 1958 4-H Grain Marketing Tour and Clinic in Chi- cago in January 1958\$165
Leslie D. Harrop of Vicksburg, to become a part of the University-owned herd, gift of a herd of Hereford cattle valued at\$11,030
Adrian A. DeVos of Grand Haven, to be used in Com- munication Skills to promote work being done in the area of human relations\$100

National Committee for Education in Family Finance of New Work City, to be used in Teacher Education to aid in graduate teacher preparation in areas of effective money management and economic effici- ency. The grant is used for a scholarship summer workshop for teachers and consultative services to schools	110
Dr. David J. Ellis of East Lansing, to be used in Sur- gery and Medicine for the benefit of the Ambulatory Clinic	.70
Dr. Clifford C. Beck of Lansing, to be used in Surgery and Medicine for the benefit of the Ambulatory Clinic	5.50
Roy E. Bendell of Lansing, to be used for the purchase of windows for the Alumni Memorial Chapel	\$5
Albert D. Sobey, class of 1909, of Flint to be credited to the MSU Development Fund, gift of stock valued at	744
Arthur Vinson, class of 1929, of Scarsdale, New York, to be credited to the MSU Development Fund and to be dollar matched by General Electric, gift of stock valued at	8.50
W. K. Kellogg Foundation of Battle Creek, to be used for an addition to the Kellogg Center	000
Park, Davis & Company of Detroit, to be used in Con- tinuing Education as a contribution toward the Christmas Adventure in World Understanding Pro- gram	250
The Budd Company of Philadelphia, an unrestricted grant based on the proportion of the number of alumni in the employ of the Budd Company	462
To be used for scholarship purposes:	
Borden Company Foundation, Inc., of New York	
City \$1, Foundry Educational Foundation of Cleveland, Ohio \$1, World University Service of New York City \$ Asher Student Foundation of Detroit. \$ Rapanos of Midland. \$	500 430 425
Homelite Company of Port Chester, New York, to pro- vide two awards in the Department of Forest Prod- ucts	500
Universal Oil Products Company of Des Plaines, Illi- nois, to be used in Chemical Engineering, \$1,000 to be used to continue scholarships for upper classmen and \$500 as an addition to the general funds of the department	500
Washtenaw County 4-H Clubs of Ann Arbor, to be used in 4-H Clubs for expenses for the 1958 Inter- national Farm Youth Delegate	500
Michigan Sugar Company of Saginaw, to be used in 4-H Clubs for expenses for a trip of 4-H and Future Farmers Premier Sugar Beet Growers to London, Ontario, and Detroit	775

International Cooperation Administration, to be used in International Programs and Agriculture to carry on the cooperative activities at the two schools of agriculture in Colombia	The Armour Laboratories of Kankakee, Illinois, to be used in Physiology and Pharmacology in toxicity studies of certain compounds
Iowa State College of Ames, Iowa, to be used in Horti- culture for expenses incurred in evaluating pea ac-	International Cooperation Administration of Washing- ton, D.C., to be used in International Programs in technical assistance in public and police adminis-
cessions, lettuce accessions, carrot accessions, and onion accessions	tration to the Government of Viet Nam
Carbide and Carbon Chemicals Company of New York City, to be used in Horticulture in the screen- ing of herbicides on vegetable crops\$500	American Cyanamid Company of New York City, to be used in Agricultural Chemistry for the purchase of a Model G pH meter to carry on insecticide and pesticide studies
Michigan Blueberry Growers Association of Grand Junction, to be used in Horticulture to secure and disseminate information and knowledge concerning	Michigan Water Resources Commission of Lansing, to be used in Fisheries and Wildlife in a study of primary productivity in a warm-water stream
the nutritional needs of cultivated blueberries and the relationship of these needs to fruit production and quality\$7,000	National Apple Institute of Washington, D.C., to be used in Horticulture for expenses in connection with an apple experiment
Merck and Company, Inc., of Rahway, New Jersey, to be used in Horticulture to evaluate Gibberellic acid in crop production\$5,000	Commercial Solvents Corporation of Terre Haute, Indiana, to be used in Poultry Husbandy in poultry nutrition research
George A. Ramlose Foundation, Inc., of Boston, Massa- chusetts, to be used in General Business to continue research in warehousing and materials handling in food distribution	Tri-County Seaway Committee of Saginaw, to be used in the Bureau of Business Research to determine the probable service area and volume and character of commodities that potentially would move through the Bay City port area after completion of the
Office of Vocational Rehabilitation Department of the Department of Health, Education and Welfare of Washington, D.C. to be used in Administrative and Educational Services for training grants for summer school	Seaway channels
Union Carbide and Carbon Corporation of New York, to be used in Botany to help support an assistantship for the study of seed-treatment and soil-treatment for fungicides	The Ford Foundation of New York City, to be used in International Programs to assist the Pakistan government to establish two academies for village development at the college level, one to be in East Pakistan and the other in West Pakistan\$1,017,000
Olin Mathieson Corporation of New Haven, Connecti- cut, to be used in Botany to test fungicidal qualities under field conditions and evaluate residues for six	Charles Pfizer and Company, Inc., of Brooklyn, New York, to be used in Forestry to study Gibberellins and their effects on the growth of trees\$2,000
lots of spray chemicals	National Science Foundation of Washington, D.C., to be used in Botany in field work necessary for the compilation of the flora of Lassen Volcanic National Park
Eastman Kodak Company of Rochester, New York, to be used in Physics to undertake fundamental investigations in static electrification	Board of Supervisors of Genesee County, to be used in the Cooperative Extension Service for the con- tinued employment of an additional County Agent\$4,000
National Automatic Merchandising Association of Chi- cago, to be used in Microbiology in a study of foods vended by machine\$300	4-H Club Foundation of Michigan of East Lansing, to be used in the Cooperative Extension Service to support the salaries of four Urban 4-H Club Agents (Detroit, Flint, Grand Rapids, and Kalamazoo)\$24,400
American Cyanamid Company of Pearl River, New York, to be used in Microbiology to continue studies on coccidiosis\$1,525	Board of Supervisors of Midland County, to be used in the Cooperative Extension Service for the continued employment of a 4-H Club Agent in Midland County
Friends of Donald J. Kenyon of Battle Creek, to be used in Physiology and Pharmacology to investigate the role of vitamins in relation to the hormone function of the pancreas	Federal Cartridge Corporation of Minneapolis, Minne- sota, to be used in 4-H Clubs to cover part of the expenses of the 1957 4-H Conservation Camp

The 4-H Club Foundation of Michigan of East Lan- sing, to be used in 4-H Clubs as follows:
\$6,500 for the 1958 4-H Leadermeet program and \$2,500 for the 1958 I.F.Y.E. program
Mecosta County Cooperative Extension Service of Big Rapids, to be used in 4-H Clubs for expenses for Ray Howard, 1958 I.F.Y.E
National Committee on Boys and Girls Club Work of Chicago, to be used in 4-H Clubs for expenses of tractor operators and tractor plowing contest and 4-H demonstrations in connection with the 1957 State 4-H Show
National Committee on Boys and Girls Club Work of Chicago, to be used in 4-H Clubs to pay expenses of a 4-H delegate and leader to attend the National 4-H Club Week in Washington, D.C., and Detroit \$260
Michigan Independent Telephone Association of Lan- sing, to be used in 4-H Clubs to assist with expenses of the 1958 4-H Conservation Camp\$250
The Maurice and Laura Falk Foundation of Pitts- burgh, to be used in Political Science for training of Ph.D. students for the more effective college-level teaching of practical politics
To be used for scholarship purposes:
Continental Oil Company of Ponca City, Oklahoma       \$500         Douglas Aircraft Company, Inc., of Santa Monica,       \$750         California       \$750         Sandy Brand Scholarship of Detroit       \$1,000         Rapanos of Midland       \$170         Civitan Club of Detroit       \$200
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lishment of an equal number of junior and senior scholarships in the School of Agriculture; the junior scholarships to be in the amount of \$250.00 each, and the senior scholarships in the amount of \$300.00 each, the same to be granted as loans and to be re- paid by students within three years after graduation, with or without interest	
Biddle Purchasing Company of Chicago, to continue the Biddle Purchasing Company Lumber Merchan- dising scholarship for another two years	
Michigan Feed and Grain Association, to be credited to the Elevator and Farm Supply Short Course Scholar- ship Fund	
Socony Mobil Oil Company, Inc. of New York City, to continue a scholarship in the field of exploration sciences, to be used as follows:	
Payment of the recipient's tuition fees to a maxi- mum of \$500.	
A \$400 cash award to the recipient A \$400 cash award to the department concerned \$1,300	
The Dow Chemical Company of Midland, to be used for research in Agricultural Engineering, gift of 1 piece Saraoly 400 flashing 36"x10 feet, 1 quart of adhesive, and 400 red labels, valued at	
Jewel Tea Company of Chicago, to provide scholar- ships for students in Food Distribution for 1956-57. \$1,500	
Gifts to the M.S.U. Development Fund for the cal- endar year 1957 to be allocated as follows:	
Alumni Distinguished Scholarship Awards       \$29,000         Acquisition Fund       \$7,700         Distinguished Teacher Award       \$1,000         Thorp Memorial Collection–Veterinary Medicine	
Library \$2,300	

Estate of Raymond L. Clark, to be used in the estab-

Library				 		 		\$2,300
Ralph H.	Young Sch	olarship	Fund.	 				.\$1,500
Scientific	Equipment			 • •	• •		• • • •	\$16,000

