

WEDNESDAY, MARCH SIXTEENTH

NINETEEN HUNDRED AND SIXTY

The  
Winter  
Commencement  
of  
Michigan  
State  
University

UNIVERSITY AUDITORIUM



EAST LANSING

The  
Winter  
Commencement  
of  
Michigan  
State  
University

## ACADEMIC COSTUME

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

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

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

Hoods are made of material identical with the gown and are lined in the official academic color

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

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

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

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

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

# ORDER OF CEREMONIES

BOARD OF TRUSTEES

## PROCESSIONAL

MARCH OF THE PEERS FROM "IOLANTHE" . . . . . Sullivan  
MICHIGAN STATE UNIVERSITY BAND, PROFESSOR LEONARD FALCONE, *Director*

## AMERICA

Smith

My country, 'tis of thee,  
Sweet land of liberty,  
Of thee I sing;  
Land where my fathers died,  
Land of the pilgrims' pride,  
From every mountain side  
Let freedom ring.

## INVOCATION

THE REVEREND RICHARD O. RAINES,  
*Minister, Okemos Community Church*

## ADDRESS:

"DISCERNABLE ATTRIBUTES"  
VICTOR FRANZ SPATHELF, A.M., LL.D.  
*President, Ferris Institute*

## CONFERRING OF DEGREES

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

## ALMA MATER

Traynor

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

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

## BENEDICTION

THE REVEREND RICHARD O. RAINES

## RECESSIONAL

AMERICAN GRAND MARCH . . . . . Goldman

*The escorts for the 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 auditorium.*



# BOARD OF TRUSTEES

Michigan State University operates under the jurisdiction of a constitutional body known as the Board of Trustees. 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 C. ALLEN HARLAN . . . . . *Detroit*  
THE HONORABLE WARREN M. HUFF . . . . . *Plymouth*  
THE HONORABLE FRANK MERRIMAN . . . . . *Deckerville*  
THE HONORABLE DON STEVENS . . . . . *Okemos*  
THE HONORABLE JAN B. VANDERPLOEG . . . . . *North Muskegon*

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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 105th 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, and the Honors College established in 1957 as a unique program designed for the superior student. All students finishing their freshman year with a “B plus” average, or attaining this average in their sophomore year, have the option of entering the Honors College. Once a student is designated an Honors College scholar, all requirements for his graduation from Michigan State (other than total number of hours) are

waived. He is assigned a special adviser in his field of major interest and together they work out a program appropriate for the individual.

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 333,000 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 1958-59 year, the Continuing Education Service reached more than 100,000 persons in programs conducted both on campus and in local communities.

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

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

# COLLEGE OF AGRICULTURE

The candidates will be presented by DEAN THOMAS K. COWDEN

## DEGREE OF BACHELOR OF SCIENCE

LaVerne S. Anderson <i>Farm Crops</i>	Coopersville	*David James Hill <i>Farm Crops</i>	Caro
Oliver Joe Avery <i>Park Management</i>	Waterford	James Russell Hunter <i>Animal Husbandry</i>	Chatham, N. Y.
Richard A. Bauman <i>Agricultural Mechanics</i>	Coleman	Robert Milton Jacobi <i>Soil Science</i>	Detroit
Philip Bennett <i>Park Management</i>	Jackson	Kendall Duane Jeffries <i>Packaging</i>	Lansing
*Bernard Francis Bigos <i>Packaging</i>	Inkster	James Charles Jordan <i>Packaging</i>	Holcomb, Mo.
*William Henry Borough <i>Packaging</i>	Rogers City	Harold Bruce Kalt <i>Residential Building</i>	Detroit
Donald Ervin Bust <i>Animal Husbandry</i>	Charlotte	Ronald James Katsma <i>Fisheries and Wildlife</i>	Grand Rapids
Larry Lee Cundiff <i>Packaging</i>	Honolulu, Haw.	Donald F. Kinsey <i>Packaging</i>	Grand Rapids
Joseph William Cunningham <i>Animal Husbandry</i>	Yonkers, N. Y.	Jack Gunn Kiplinger <i>Packaging</i>	Owosso
Ward Ray Edwards <i>Packaging</i>	Frankfort, Ind.	Louis Donald Larson <i>Dairy Manufacturing</i>	Novi
Arthur Thomas Ehrmantraut <i>Agricultural Mechanics</i>	Cresskill, N. J.	Lawrence Howard Lonsway <i>Animal Husbandry</i>	Freeland
James Edwin Feenstra <i>Agricultural Mechanics</i>	Grand Rapids	Richard Amon Lovell <i>Packaging</i>	Lansing
Raymond John Gessner <i>Agricultural Mechanics</i>	Teaneck, N. J.	*Robert Sigmund Manthy <i>Forestry</i>	Chicago, Ill.
Harold Richardson Grieve <i>Packaging</i>	Roscommon	George Otto March <i>Soil Science</i>	Bloomington, N. Y.
Jerry Arthur Halm <i>Resource Development</i>	Morrice	*George H. Marr <i>Animal Husbandry</i>	Huntington Station, N. Y.
Clarence Albert Hanson <i>Forestry</i>	Stephenson	Donald James Maxwell <i>Packaging</i>	International Falls, Minn.

\*With Honor

COLLEGE OF AGRICULTURE  
DEGREE OF BACHELOR OF SCIENCE (Continued)

Michael Lee McKinley <i>Pomology and Vegetable Production</i>	Frankfort	*Paul Hugh Scott <i>Pomology and Vegetable Production</i>	Northport
William Raymond Mittig <i>Forestry</i>	Dearborn	Richard Carter Scovel <i>Packaging</i>	Edwardsburg
W. Richard Neller <i>Residential Building</i>	Lansing	Robert Dale Semeyn <i>Fisheries and Wildlife</i>	Baldwin
Russell Lee Osterhart <i>Residential Building</i>	Fremont	Donald Edward Shipley <i>Agricultural Mechanics</i>	East Lansing
Earl Merlin Palmer <i>Residential Building</i>	Fremont	Ivan Ferris Smith <i>Agricultural Mechanics</i>	Webberville
Edward Walter Patrick <i>Residential Building</i>	Lansing	Jack Darius Somerville <i>Residential Building</i>	Mason
Ronald Arthur Peterson <i>Poultry Science</i>	Wayland	*Richard Earl Sprague <i>Residential Building</i>	Marietta, Ohio
Raymond Leon Quintal <i>Residential Building</i>	Detroit	*R. Bruce Spink <i>Agricultural Economics</i>	Ravenna
Dominic Ferdinand Rebeschini <i>Packaging</i>	Detroit	John Ronald Stephens <i>Agricultural Economics</i>	Aylmer, Canada
Jonathan Royer <i>Fisheries and Wildlife</i>	Bethesda, Md.	Merle L. Thompson <i>Packaging</i>	Big Rapids
Philip Wesley Sanderson <i>Packaging</i>	Rochelle, Ill.	Gerald Steven Toth <i>Packaging</i>	Edwardsburg

DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

DEGREE OF BACHELOR OF SCIENCE

Richard Allen Dockett <i>Agricultural Education</i>	Detroit	†John Eugene Matthews <i>Agricultural Education</i>	Petoskey
Gerald Edward Malone <i>Agricultural Education</i>	Gaines	Maurice Edward Strong <i>Agricultural Education</i>	Williamston

DEGREE OF MASTER OF SCIENCE

Clarence Dean Allen <i>Agricultural Extension</i>	Grand Rapids	William Clark Bryant <i>Fisheries and Wildlife</i>	New Concord, Ohio
John Charles Barnes <i>Dairy</i>	East Lansing	George Edward Carter <i>Farm Crops</i>	Orleans, Ind.

°With Honor  
†With High Honor

## DEGREE OF MASTER OF SCIENCE (Continued)

Dale Robert Cree <i>Forest Products</i>	<i>Parchment</i>	Thomas Wesley Priest <i>Soil Science</i>	<i>Boise, Idaho</i>
Richard H. Gnaedinger <i>Animal Husbandry</i>	<i>Pocahontas, Ill.</i>	John Robert Quinn <i>Animal Husbandry</i>	<i>Toronto, Canada</i>
Donald Eugene Keyser <i>Dairy</i>	<i>Clio</i>	Richard Dean Reidhead, Jr. <i>Resource Development</i>	<i>Heber, Ariz.</i>
Richard Miller Kirch <i>Resource Development</i>	<i>Kalamazoo</i>	Gail Daniel Riegler <i>Dairy</i>	<i>Winterset, Iowa</i>
Hugh Elvin Lockhart <i>Forest Products</i>	<i>Northville</i>	Putnam Sumner Robbins <i>Forest Products</i>	<i>East Lansing</i>
Virgil Dean Luedders <i>Farm Crops</i>	<i>Bremen, Kan.</i>	Lucio Rodriguez, G. <i>Poultry Science</i>	<i>Honda, Colombia</i>
Lowell Dale Metters <i>Forest Products</i>	<i>Ithaca</i>	Rufus Burr Rutland <i>Horticulture</i>	<i>Cuthbert, Ga.</i>
Paul Wayne Moe <i>Dairy</i>	<i>Lake Mills, Iowa</i>	Harold William Schmalfeld <i>Horticulture</i>	<i>Schiller Park, Ill.</i>
Donald Moore <i>Fisheries and Wildlife</i>	<i>Kingston, Mass.</i>	John Marvin Smith <i>Dairy</i>	<i>Williamston</i>
Ali Ashraf Moslemi <i>Forest Products</i>	<i>Kermanshah, Iran</i>	JonEric Thorston Stenson <i>Resource Development</i>	<i>Baraga</i>
James Elmer Mulvany <i>Agricultural Economics</i>	<i>Bellevue</i>	Robert Mitchell Stokes <i>Fisheries and Wildlife</i>	<i>Ramsey, Ill.</i>
Quentin R. Ostrander <i>Farm Crops</i>	<i>Bay City</i>	Jack Stanley Wikle <i>Horticulture</i>	<i>Reading</i>
William Edward Pepelko <i>Dairy</i>	<i>Conneautville, Pa.</i>	Robert Herrick Wilkinson <i>Agricultural Engineering</i>	<i>Quincy</i>
Eugene Burns Pickler <i>Agricultural Economics</i>	<i>New London, N. C.</i>	Geoffrey H. Wollen <i>Agriculture Economics</i>	<i>Greystone, England</i>
Roy Wayne Porter <i>Animal Husbandry</i>	<i>Randolph, N. Y.</i>		

# COLLEGE OF ENGINEERING

The candidates will be presented by DEAN JOHN D. RYDER

## DEGREE OF BACHELOR OF SCIENCE

Rodger Carl Clarke <i>Mechanical Engineering</i>	<i>Farmington</i>	*Richard Allen Sager <i>Civil Engineering</i>	<i>Sand Creek</i>
Richard Joseph Kluk <i>Civil Engineering</i>	<i>Jackson</i>	Donald Max Scraver <i>Mechanical Engineering</i>	<i>Muskegon</i>
Paul Everett Long <i>Civil Engineering</i>	<i>Southgate</i>	Earl Anthony Thompson <i>Mechanical Engineering</i>	<i>Grand Rapids</i>
Paul William Reinecke <i>Mechanical Engineering</i>	<i>Bay City</i>	John Joseph Wilks <i>Mechanical Engineering</i>	<i>Grand Rapids</i>

## DEGREE OF MASTER OF SCIENCE

Ray Dean Beck <i>Chemical Engineering</i>	<i>Lansing</i>	Russell Howard Foy <i>Chemical Engineering</i>	<i>Cass City</i>
Clarence Gordon Chambers, Jr. <i>Applied Mechanics</i>	<i>Royal Oak</i>	Bernard Morrel Riggs <i>Applied Mechanics</i>	<i>Jackson</i>
John Charles Eidson <i>Electrical Engineering</i>	<i>Scarsdale, N. Y.</i>	Julius Surkis <i>Civil Engineering</i>	<i>Istanbul, Turkey</i>

\*With Honor

# COLLEGE OF HOME ECONOMICS

The candidates will be presented by DEAN THELMA E. PORTER

## DEGREE OF BACHELOR OF SCIENCE

Janet Ruth Huff <i>Clothing and Textiles-Retailing</i>	<i>Allegan</i>	Carole Lynne Silverman <i>Home Furnishings</i>	<i>Pittsburgh, Pa.</i>
Betty Lou King <i>General Related Arts</i>	<i>Caro</i>	Vicki Lee Smith <i>Clothing and Textiles-Retailing</i>	<i>East Lansing</i>
Carol Ann MacKenzie <i>Home Furnishings</i>	<i>Detroit</i>		

## DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

### BACHELOR OF SCIENCE

Alice Mink Baker <i>Home Economics Teaching</i>	<i>Memphis</i>	Frances Marie Macicak <i>Home Economics Teaching</i>	<i>Chicago, Ill.</i>
Priscilla Ann Blackburn <i>Child Development and Teaching</i>	<i>Northville</i>	Sally Jane Morrison <i>Home Economics Teaching</i>	<i>Royal Oak</i>
Judith Rowe Davis <i>Home Economics Teaching</i>	<i>Sodus, N. Y.</i>	Margaret Anne Rusch <i>Child Development and Teaching</i>	<i>Fredonia, N. Y.</i>
*Mary Lou Gebhardt <i>Child Development and Teaching</i>	<i>Lansing</i>	*Muriel Gail Wallace <i>Home Economics Teaching</i>	<i>Kingston</i>
*Ruth Marjorie Hoolihan <i>Home Economics Teaching</i>	<i>Camden</i>		

### DEGREE OF MASTER OF ARTS

Elaine Autumn Durst <i>Clothing and Textiles</i>	<i>Chicago, Ill.</i>
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### DEGREE OF MASTER OF SCIENCE

Robert Vernon Cole, Jr. <i>Institution Administration</i>	<i>Atlanta, Ga.</i>	Norma Marcine Gilmore <i>Nutrition</i>	<i>Manhattan, Kan.</i>
Ruthanna Wittenbach Davis <i>General Home Economics</i>	<i>Grand Rapids</i>		

\*With Honor

**COLLEGE  
OF  
VETERINARY MEDICINE**

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

DEGREE OF BACHELOR OF SCIENCE

*Robert Arthur Holmes <i>Veterinary Medicine</i>	<i>Stambaugh</i>	Otis Henry Patrick <i>Veterinary Medicine</i>	<i>Cloverdale, Ind.</i>
*Gordon Charles Johnson <i>Veterinary Medicine</i>	<i>East Lansing</i>	*Charles Stuart Thrush <i>Veterinary Medicine</i>	<i>Shepherd</i>

DEGREE OF MASTER OF SCIENCE

Roger Eugene Brown <i>Surgery and Medicine</i>	<i>Lansing</i>	Edward James Hinsman <i>Surgery and Medicine</i>	<i>Wyandotte</i>
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**COLLEGE  
OF  
SCIENCE AND ARTS**

*The candidates will be presented by* DEAN LLOYD C. FERGUSON

DEGREE OF BACHELOR OF ARTS

Cheryl Marlene Andersen <i>Psychology</i>	<i>Whitehall</i>	Donald Peter Brown <i>Social Science Divisional</i>	<i>Blissfield</i>
†Robert LeRoy Archambault <i>Social Science Divisional</i>	<i>Lansing</i>	Millard Scott Browning <i>History</i>	<i>Olivet</i>
Gerald Duane Balentine <i>Chemistry</i>	<i>Traverse City</i>	Michael Fredrick Caldwell <i>Social Science Divisional</i>	<i>Lake Orion</i>
Paul Samuel Barru <i>Social Science Divisional</i>	<i>Okemos</i>	Robert Thorpe Carter <i>History</i>	<i>Cincinnati, Ohio</i>
Ralph York Battista <i>Social Science Divisional</i>	<i>New Haven, Conn.</i>	Carol Lee Confer <i>Music Therapy</i>	<i>Detroit</i>
Conrad Howard Behler <i>Social Science Divisional</i>	<i>Three Oaks</i>	Norman Roy Creamer <i>Social Science Divisional</i>	<i>Grand Rapids</i>
Seth Hersey Benson <i>History</i>	<i>Nyack, N. Y.</i>	Jackie Bruce Deits <i>History</i>	<i>Pellston</i>
Patricia Jane Bishop <i>Social Science Divisional</i>	<i>Hinsdale, Ill.</i>	Judith Anne Duncan <i>Social Science Divisional</i>	<i>Caro</i>

\*With Honor  
†With High Honor



## DEGREE OF BACHELOR OF ARTS (Continued)

Barbara Alyne Ellison, Jr. <i>History</i>	<i>Lansing</i>	William Palmer Pyle, Jr. <i>Social Science Divisional</i>	<i>Winnetka, Ill.</i>
Charles Bruce Fillmore <i>Social Science Divisional</i>	<i>Pleasant Ridge</i>	Frank James Raby <i>Social Science Divisional</i>	<i>Lincoln Park</i>
Neil Lee Finley <i>Psychology</i>	<i>Jackson</i>	†Jane Ellen Ranney <i>Psychology</i>	<i>Lansing</i>
Fern Roelf Folkers <i>Social Science Divisional</i>	<i>East Lansing</i>	Galen Dee Rosher <i>Social Science Divisional</i>	<i>Holt</i>
†Jack Wallace Greene <i>Social Science Divisional</i>	<i>Lansing</i>	Klemens Ronald Rosinski <i>Social Science Divisional</i>	<i>Cedar</i>
Alfred Paris Haskell, III <i>Chemistry</i>	<i>Lansing</i>	Graham Steele Ruscoe <i>German</i>	<i>Battle Creek</i>
Richard Alan Holland <i>Social Science Divisional</i>	<i>Haliburton, Canada</i>	Italo P. B. Scanga <i>Art</i>	<i>Garden City</i>
David Lester Holsworth <i>Art</i>	<i>Saginaw</i>	Robert Paul Schellinger <i>Geography</i>	<i>Fife Lake</i>
Robert Carl Hoseth <i>History</i>	<i>Lowell</i>	†Mary Lynn Cardwell Scott <i>Social Science Divisional</i>	<i>Monroe</i>
Robert James Johnson <i>Social Science Divisional</i>	<i>South Haven</i>	*Philip C. Shashko <i>History</i>	<i>Dearborn</i>
John Ernest King <i>History</i>	<i>East Lansing</i>	George Henry Spies <i>Social Science Divisional</i>	<i>Elkhart, Ind.</i>
Jean Margaret Lawton <i>Philosophy</i>	<i>Eagle</i>	James Allen Taylor <i>Social Science Divisional</i>	<i>Grass Lake</i>
Lloyd H. Lowery <i>Social Science Divisional</i>	<i>Lansing</i>	Jay Oran Thomas <i>Psychology</i>	<i>Richmond, Ind.</i>
Gunnar Lundteigen <i>German</i>	<i>Gulskogen, Norway</i>	Michael Emory Tower <i>Sociology and Anthropology</i>	<i>Wellsville, N. Y.</i>
Charles Blair Mohney <i>History</i>	<i>Haslett</i>	Marylane VanOakwood <i>Art</i>	<i>Ludington</i>
Barbara Jean Nelson <i>Social Science Divisional</i>	<i>Scotia, N. Y.</i>	John Vernon Weaver <i>Social Science Divisional</i>	<i>Chicago, Ill.</i>
*Barbara Ann Niehoff <i>Art</i>	<i>Chicago, Ill.</i>	Roland John White <i>Social Science Divisional</i>	<i>Berkley</i>
Peter Anthony O'Donnell <i>Social Science Divisional</i>	<i>Dearborn</i>	Patrick Alan Wisner <i>Geography</i>	<i>Davison</i>
		Keith Alan Wolf <i>Mathematics</i>	<i>Midland</i>

\*With Honor  
†With High Honor

COLLEGE OF SCIENCE AND ARTS

DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF ARTS

*Margaret Rose Armstrong <i>Spanish</i>	<i>Hartland</i>	Jeannine Constance Larkins <i>Social Science Divisional</i>	<i>Wyandotte</i>
*Stephen Robert Arnest <i>Social Science Divisional</i>	<i>Wyandotte</i>	Cheryl Ruth Leming <i>Social Science Divisional</i>	<i>Chicago, Ill.</i>
Janet Louise Avis <i>Art Education</i>	<i>Jackson</i>	Carol Jeanne Loftus <i>Art</i>	<i>Greenville</i>
Wiley E. Bean <i>Social Science Divisional</i>	<i>Lansing</i>	Elizabeth Sharon Lohrberg <i>History</i>	<i>Grand Rapids</i>
*Marjorie Lou Burdette <i>Art</i>	<i>Lansing</i>	Mary Ann Lynch <i>English</i>	<i>Grosse Pointe</i>
Jerry Bruce Carey <i>Social Science Divisional</i>	<i>Riviera Beach, Fla.</i>	Michael Joseph Lynch <i>History</i>	<i>Manistee</i>
†James Ray Elmleaf <i>History</i>	<i>Iron River</i>	Karen Anne Manley <i>Social Science Divisional</i>	<i>Birmingham</i>
Lois Elaine Foulds <i>Language and Literature Divisional</i>	<i>Saginaw</i>	Richard Milano <i>Social Science Divisional</i>	<i>Camden, N. Y.</i>
*Eileen Lenore Gamrath <i>Mathematics</i>	<i>Canton, Ohio</i>	Donald James Monette <i>History</i>	<i>Munising</i>
*Douglas Holmes Gaskin <i>Social Science Divisional</i>	<i>Grand Rapids</i>	Luella Emilie Nichols <i>Social Science Divisional</i>	<i>Lansing</i>
*Elizabeth Ellen Harder <i>French</i>	<i>Durand</i>	Margaret Jean Pemberton <i>English</i>	<i>Lansing</i>
Robert Fiske Henderson <i>History</i>	<i>Lansing</i>	Donald Allen Roach <i>History</i>	<i>Tawas City</i>
Carol Sue Huntoon <i>Art Education</i>	<i>Lansing</i>	Daniel Duane Shimel <i>History</i>	<i>Grand Rapids</i>
Jerald Wayne Jackard <i>Art Education</i>	<i>Lansing</i>	*Barbara Groshko Smith <i>History</i>	<i>Concord</i>
JoAnne Rodeheffer Jarvis <i>Art</i>	<i>Detroit</i>	Edythe Ann Sussex <i>Art Education</i>	<i>Jackson</i>
*Karen Elaine Kimen <i>French</i>	<i>LaGrange, Ill.</i>	Clara Marie Thompson <i>Mathematics</i>	<i>Lansing</i>
Donald R. Koski <i>History</i>	<i>East Lansing</i>	Ronald Arlen Wenzel <i>History</i>	<i>Saginaw</i>
		Colleen Marie West <i>History</i>	<i>Hastings</i>

\*With Honor

†With High Honor

## DEGREE OF BACHELOR OF SCIENCE

Robert Donald Alder <i>Geology</i>	<i>Lansing</i>	David George MacLean <i>Microbiology and Public Health</i>	<i>Genesee</i>
Theodore Joseph Armbrustmacher <i>Geology</i>	<i>Owosso</i>	James Leo McKenna <i>Microbiology and Public Health</i>	<i>Ithaca</i>
Ronald Lee Ballard <i>Geology</i>	<i>Wayne</i>	*Richard F. Melka <i>Mathematics</i>	<i>Buffalo, N. Y.</i>
Allen G. Bengtsson <i>Geology</i>	<i>Levering</i>	Herman David Moehring <i>Zoology</i>	<i>East Tawas</i>
Thomas Walter Burdo <i>Zoology</i>	<i>Ionia</i>	Stanley Stuart Neathery <i>Geology</i>	<i>Decatur, Ill.</i>
*David Preston Crouch <i>Mathematical and Physical Science Divisional</i>	<i>Amarillo, Tex.</i>	Eugene Nunn <i>Mathematics</i>	<i>Hamilton, Ohio</i>
Terry Lee Dunbar <i>Mathematics</i>	<i>Weston</i>	Maurice Eugene Ohman <i>Geology</i>	<i>Grant</i>
Theodore Frederick Freers <i>Geology</i>	<i>Dearborn</i>	Martha Ruth Reiss <i>Zoology</i>	<i>Elizabeth, N. J.</i>
Raymond George Gager <i>Zoology</i>	<i>Lansing</i>	Roger William Rowe <i>Mathematics</i>	<i>Garden City</i>
James Morrill Greenwood <i>Zoology</i>	<i>Okemos</i>	Dennis Gary Rugg <i>Physics and Astronomy</i>	<i>Birmingham</i>
Mark Wilkes Harrold <i>Zoology</i>	<i>Lansing</i>	John Lion Russell <i>Mathematics</i>	<i>Kalamazoo</i>
Richard Clare Hartt <i>Mathematics</i>	<i>Armada</i>	Adam Demetrios Sgourous <i>Mathematics</i>	<i>Lowell, Mass.</i>
Gordon Melvin Hieftje <i>Zoology</i>	<i>Grand Rapids</i>	John Stoner, Jr. <i>Mathematics</i>	<i>New Baltimore</i>
†Philip Ralph Humbaugh <i>Mathematics</i>	<i>Chicago, Ill.</i>	*Patrick Timothy Taylor <i>Geology</i>	<i>Los Angeles, Cal.</i>
Richard Paul James <i>Physics and Astronomy</i>	<i>Wyandotte</i>	Monte Lew Vickery <i>Physics and Astronomy</i>	<i>Greenville</i>
Malcolm Arthur Johns <i>Geology</i>	<i>Detroit</i>	Peter Joseph Wenzlick <i>Statistics</i>	<i>Lansing</i>
Paul Robert Kilmer <i>Mathematical and Physical Science Divisional</i>	<i>Reed City</i>	Warren W. Wood <i>Geology</i>	<i>Jonesville</i>
Richard David LaLone <i>Geology</i>	<i>Pontiac</i>	Charles Luman Wyman <i>Mathematical and Physical Science Divisional</i>	<i>Racine, Wis.</i>
Charles J. Lester <i>Geology</i>	<i>Roscommon</i>		

\*With Honor  
†With High Honor

COLLEGE OF SCIENCE AND ARTS

DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF SCIENCE

Ralph George Carle <i>Geology</i>	<i>Durand</i>	Edward McLeash Fitch <i>Zoology</i>	<i>Buchanan</i>
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DEGREE OF BACHELOR OF MUSIC

Charles Richard Lewis <i>School Music</i>	<i>Joliet, Ill.</i>	*Ann Brooks Patton <i>Applied Music</i>	<i>Lawrenceberg, Tenn.</i>
Karn Olson Mitchell <i>Applied Music</i>	<i>Traverse City</i>		

DEGREE OF MASTER OF ARTS

Charles Mark Bourassa <i>Psychology</i>	<i>Wyandotte</i>	William Duane Kukuk <i>Psychology</i>	<i>Cambria, Wis.</i>
Isa Jirjos Butros <i>English</i>	<i>Mishtayeh, Syria</i>	Audrey M. Leslie <i>English</i>	<i>Norfolk, Va.</i>
Juan Antonio Calvo y Costa <i>History</i>	<i>Valencia, Spain</i>	Clara Sherman Mayo <i>Social Science</i>	<i>Owosso</i>
Fernando Colon <i>Psychology</i>	<i>Elmont, N. Y.</i>	Alan Bruce McKnight <i>English</i>	<i>Ho-Ho-Kus, N. J.</i>
S. M. Haider <i>Sociology and Anthropology</i>	<i>Sehore, India</i>	Al Richard Moldroski <i>Art</i>	<i>Terre Haute, Ind.</i>
Eugene Richard Hall <i>Psychology</i>	<i>Flint</i>	Lawrence Floyd Moshier <i>Philosophy</i>	<i>Grand Rapids</i>
James Hayden <i>Art</i>	<i>Warren</i>	Edward Thomas Pryor <i>Sociology and Anthropology</i>	<i>Owosso</i>
Gerald David Hollinger <i>Art</i>	<i>Midland</i>	John Clark Toth <i>Psychology</i>	<i>Lansing</i>
Robert George Janke <i>Geography</i>	<i>Eau Claire, Wis.</i>	Paul Raymond Vaughan <i>Sociology and Anthropology</i>	<i>Charlotte</i>
David Edward Jarrard <i>Art</i>	<i>Ludington</i>	Seiho Yagi <i>English</i>	<i>Onna, Okinawa</i>

\*With Honor

## DEGREE OF MASTER OF SCIENCE

Alfons Buzas <i>Geology</i>	<i>Aylmer, Canada</i>	Joel Jacobson Patek <i>Mathematics</i>	<i>Ironwood</i>
Gary T. Chartrand <i>Mathematics</i>	<i>Lansing</i>	Ernest A. Schwandt <i>Mathematics</i>	<i>Dortmund, Germany</i>
David Lee Cross <i>Entomology</i>	<i>Ludington</i>	Mary M. Y. Shih <i>Chemistry</i>	<i>Merrill, Wis.</i>
Richard Laham Gantos <i>Mathematics</i>	<i>Grand Rapids</i>	Clarence Star <i>Geology</i>	<i>Grand Rapids</i>
Charles Francis Gibbons <i>Entomology</i>	<i>Grand Rapids</i>	James John Summary <i>Chemistry</i>	<i>Benton, Ill.</i>
John Keever Greer <i>Zoology</i>	<i>East Lansing</i>	Jordan Bradley Tatter <i>Entomology</i>	<i>Waterliet</i>
Theodore Augustus Maag <i>Microbiology and Public Health</i>	<i>Lansing</i>	Leonard A. VanderLugt <i>Chemistry</i>	<i>Grand Rapids</i>
Charles Samuel Nicoll <i>Physiology and Pharmacology</i>	<i>Lansing</i>	Willet Theodore VanVelzen <i>Entomology</i>	<i>Otsego</i>
John Allan Ohlsson <i>Microbiology and Public Health</i>	<i>Iron River</i>		

## DEGREE OF MASTER OF MUSIC

Robert Karl Beidler	<i>Frankfort</i>	Meilahn Paul Zahn	<i>Saginaw</i>
William Warner Tromble	<i>Owosso</i>		

## DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

## DEGREE OF MASTER OF ARTS FOR TEACHERS

Leslie Wayne Gibbs <i>Chemistry</i>	<i>Spring Arbor</i>		
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# COLLEGE OF BUSINESS AND PUBLIC SERVICE

The candidates will be presented by DEAN ALFRED L. SEELYE

## DEGREE OF BACHELOR OF ARTS

Braulio Jesus Adarmes <i>Economics</i>	Rubio Tachira, Venezuela	James Ronald Brumback <i>Transportation</i>	Flint
Kent Gregory Armstrong <i>Marketing</i>	Royal Oak	Stanley Erwin Buss <i>Production Administration</i>	Manchester
Robert Wilson Aubertin <i>Transportation</i>	Lansing	Thomas Clark Canard <i>Food Distribution</i>	Alexandria, Va.
*Mary Ann Baba <i>Social Work</i>	Flint	Fred Carl <i>Hotel Management</i>	Wilmington, Dl.
Floyd Allen Bailey <i>Personnel Administration</i>	Troy	L. John Cavigliola <i>Transportation</i>	Traverse City
Walter J. Ball <i>General Business Administration</i>	Lansing	*John Edward Clairmont <i>Production Administration</i>	Gravenhurst, Canada
August Barbrick, Jr. <i>Production Administration</i>	Muskegon	James Vernon Clifford <i>General Business Administration</i>	Lincoln Park
Duane Jesse Baughman <i>Insurance</i>	Frontier	Douglas Warren Cooper <i>Personnel Administration</i>	Grosse Pointe
David Criss Beard <i>Economics</i>	Detroit	Patrick Joseph Cox <i>Accounting</i>	Detroit
Bruce Oren Benedict <i>General Business Administration</i>	Lansing	*James Basil Creager <i>Production Administration</i>	Oak Park, Ill.
Richard Joseph Bilkie <i>Personnel Administration</i>	Detroit	Charles Maurice Culver <i>General Business Administration</i>	Howell
Carl Lawrence Bollman <i>Insurance</i>	Lansing	Wayne Cameron Currie <i>Production Administration</i>	Davison
Ricardo Tudela Borja <i>General Business Administration</i>	Susupe, Saipan	Reinaldo Adolfo Decerega <i>Economics</i>	Las Tablas, Panama
Anthony Henry Boulanger <i>Personnel Administration</i>	Casco, Wis.	John Kahlke DePuy <i>Accounting</i>	Port Huron
Edward William Brougham <i>Personnel Administration</i>	North Jay, Me.	William Henry Devine <i>Hotel Management</i>	Berkley
Erle Hellwig Brown <i>General Business Administration</i>	San Leandro, Cal.	Ronald Eugene Dove <i>Economics</i>	Crystal Falls
Lynn Paul Brown <i>Marketing</i>	Toledo, Ohio	Charles Dwight Dowell <i>General Business Administration</i>	McHenry, Ill.

\*With Honor

DEGREE OF BACHELOR OF ARTS (Continued)

Robert Bruce Duncan	Birmingham
<i>Economics</i>	
William Francis Eardley	East Lansing
<i>Political Science</i>	
Walter G. Eissler	Glen Ellyn, Ill.
<i>Economics</i>	
Thomas B. Ettlinger	Detroit
<i>General Business Administration</i>	
*Thomas J. Farley	Fair Haven, N. J.
<i>Transportation</i>	
Joseph Lawrence Farrell	Sommerville, Mass.
<i>Political Science</i>	
Gary Lee Firestone	Rochester
<i>Economics</i>	
Robert R. Friess	Livonia
<i>General Business Administration</i>	
*Susan A. LaBelle Garrison	Frankfort
<i>Economics</i>	
Robert Michael Gerrity	New York, N. Y.
<i>Production Administration</i>	
R. Lincoln Goodrich	Lansing
<i>General Business Administration</i>	
Dale Gene Gott	Detroit
<i>Accounting</i>	
Paul Francis Granville	Buffalo, N. Y.
<i>Financial Administration</i>	
Marvin Allan Hartleb	Skokie, Ill.
<i>Marketing</i>	
Edward Dale Harvey	Battle Creek
<i>Purchasing Administration</i>	
*Phillip Eugene Hassler	Lansing
<i>Accounting</i>	
John Michael Hedglen	Lansing
<i>Economics</i>	
John Theophilus Hill	Ypsilanti
<i>Political Science</i>	
Terry Edward Hines	Ann Arbor
<i>Marketing</i>	
Robert Lee Hornbeck	Bay City
<i>Accounting</i>	
Roger William Howes	Greenville
<i>Accounting</i>	

COLLEGE OF BUSINESS AND PUBLIC SERVICE

William Marmaduke Jacka	Lurium
<i>Insurance</i>	
Bruce Abt Jaquish	Grosse Pointe
<i>Financial Administration</i>	
Gary Lee Jordan	Owosso
<i>Marketing</i>	
Thomas J. Josephsen	Toledo, Ohio
<i>General Business Administration</i>	
Michael Vasil Kelingos	Ferndale
<i>Restaurant Management</i>	
Max LeRoy Knauss	Mendon
<i>Personnel Administration</i>	
Roger L. Kreps	LaSalle
<i>Production Administration</i>	
Raymond Eugene Lawrence	Flint
<i>General Business Administration</i>	
Robert John Leslie	Port Credit, Canada
<i>Economics</i>	
*Glenor M. Letts	Owosso
<i>Institutional Management</i>	
*Robert Morrell Lockhart	Scarsdale, N. Y.
<i>Hotel Management</i>	
Frank Macan	Johnson City, N. Y.
<i>Economics</i>	
James Richard Marks	Alpena
<i>Political Science</i>	
Donald Leo McClarty	Detroit
<i>Personnel Administration</i>	
Keith LeRoy McGehee	Flint
<i>Economics</i>	
Patricia Ann McKeage	Grand Rapids
<i>Economics</i>	
Claire McKee, Jr.	Niles
<i>Production Administration</i>	
Hugh A. McLelland	Detroit
<i>General Business Administration</i>	
Frederick Marmaduke Meyer	East Lansing
<i>General Business Administration</i>	
Robert Boutell Mitchell	Bay City
<i>Economics</i>	

\*With Honor

COLLEGE OF BUSINESS AND PUBLIC SERVICE  
DEGREE OF BACHELOR OF ARTS (Continued)

Gregory Hugh Montgomery <i>General Business Administration</i>	East Lansing	Andrew Alfred Schmidtman, Jr. <i>Accounting</i>	Benton Harbor
Robert Alfred Moriarty <i>Marketing</i>	Saginaw	Thomas Archie Schultz <i>General Business Administration</i>	Grand Rapids
Albert Alcide Nault <i>Production Administration</i>	Detroit	Lloyd William Sells <i>Production Administration</i>	Muskegon
*Anton S. Nissen, Jr. <i>Economics</i>	Iron Mountain	Peter Pendleton Shearer <i>Production Administration</i>	Jackson
Thomas James O'Toole <i>Economics</i>	Benton Harbor	Richard L. Stell <i>Political Science</i>	Lansing
*Hans Kristian Ottesen <i>Hotel Management</i>	Bayville, N. Y.	Alfred Chauncey Stewart <i>General Business Administration</i>	Brighton
Walter William Phillips <i>Economics</i>	Detroit	R. Edward Stolze, Jr. <i>Accounting</i>	Saginaw
Frederic Boiten Plasman <i>Institutional Management</i>	Grand Rapids	Wilbur Henry Trowbridge, Jr. <i>Purchasing Administration</i>	Marshall
Dorothy Ann Pollock <i>Secretarial Administration</i>	Kalamazoo	Allen James Tyler <i>Institutional Management</i>	East Lansing
Richard John Pricco <i>General Business Administration</i>	Lansing	Frank Louis Vaccarelli <i>Economics</i>	Southgate
Donald David Prochnow <i>Retailing Administration</i>	Ann Arbor	Harry Fredrick Vellmure <i>Political Science</i>	Allen Park
Lavern Walter Quandt <i>Personnel Administration</i>	Allen Park	*Thomas Joseph Wanket <i>Restaurant Management</i>	Detroit
Delton D. Riebow <i>Accounting</i>	Harrisville	Charles Edward Wheeler <i>Marketing</i>	Fulton, N. Y.
Charles Henry Roeske <i>General Business Administration</i>	Milford	Duane Bernard Wilcox <i>Personnel Administration</i>	Portland
Lyle G. Rolfe <i>Financial Administration</i>	Holt	*Allan C. Willis <i>Political Science</i>	Charlemont, Mass.
Donald Romal <i>Retail Administration</i>	Buffalo, N. Y.	William Arthur Winchell <i>Marketing</i>	Aurora, Ill.
Donald Rosenthal <i>Institutional Management</i>	Brooklyn, N. Y.	Wayne Harry Wiswedel <i>Accounting</i>	Grosse Pointe
Harriet Lenore Sax <i>Social Work</i>	Detroit	*Edward Alexander Woods <i>Production Administration</i>	Port Huron
Paul John Schalm <i>Production Administration</i>	Forty Fort, Pa.	Donald Marvin Wright <i>Personnel Administration</i>	Dearborn
*Richard Krueger Scharf <i>Political Science</i>	Dowagiac	George Franklynn Wyble <i>Accounting</i>	Lansing
*Frank B. Schmidt, Jr. <i>Accounting</i>	White Cloud	Richard Manning Ziegler <i>Institutional Management</i>	St. Clair Shores

\*With Honor



COLLEGE OF BUSINESS AND PUBLIC SERVICE

DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF ARTS

Ernest Arnold Gruenberg <i>Business Education</i>	Newaygo	Richard Clarence Johnson <i>Business Education</i>	Lansing
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DEGREE OF BACHELOR OF SCIENCE

*James Edward Christman <i>Landscape Architecture</i>	Grand Rapids	Robert Linwood O'Boyle <i>Landscape Architecture</i>	Alma
*William Clay Cunningham <i>Industrial Security Administration</i>	Charlotte, N. C.	Luis Parraga <i>Landscape Architecture</i>	Maracay, Venezuela
John Thomas Franks, Jr. <i>Law Enforcement Administration</i>	Chicago, Ill.	George Alson Peek <i>Urban Planning</i>	Jackson
George Alex Hane <i>Law Enforcement Administration</i>	Midland	Philip Eugene Peterson <i>Law Enforcement Administration</i>	Ann Arbor
Charles Richard Humphreys <i>Law Enforcement Administration</i>	Detroit	Bruce Edwin Pless <i>Industrial Security Administration</i>	Mason
Dan Lloyd Johnson <i>Landscape Architecture</i>	Grand Rapids	Clarence Donald Reetz <i>Landscape Architecture</i>	Brighton
Edward Newton Kress <i>Landscape Architecture</i>	Marion	*Glenn Hobart Reiner <i>Law Enforcement Administration</i>	Zion, Ill.
Richard Allen Maltby <i>Urban Planning</i>	Freeland	Porter Ramsay Steele <i>Industrial Security Administration</i>	Dalton, Mass.
Samuel Arthur Milstein <i>Landscape Architecture</i>	East Jordan	Alvin Charles Turner <i>Prevention and Control of Delinquency and Crime</i>	Flushing, N. Y.
James Allan Mooney <i>Industrial Security Administration</i>	Lombard, Ill.	*Clifford John Williams, Jr. <i>Industrial Security Administration</i>	Muskegon

DEGREE OF MASTER OF ARTS

Robert L. Beystrom <i>Marketing</i>	Vermontville	Dewey Eugene Farris <i>Business Education</i>	Onsted
Walter Bruce Erickson <i>Economics</i>	East Lansing	John Harris Guggenheim <i>Hotel, Restaurant and Institutional Management</i>	East Lansing
Stephen Bennett Fainsbert <i>Economics</i>	Franklin Park, N. J.		

\*With Honor

COLLEGE OF BUSINESS AND PUBLIC SERVICE

DEGREE OF MASTER OF ARTS

Samuel Elijah Harris <i>Economics</i>	<i>Flint</i>	Ward Lewis Ver Hage <i>Economics</i>	<i>Zeeland</i>
Bui Quang Khanh <i>Political Science</i>	<i>Saigon, S. Vietnam</i>	Buu Vien <i>Economics</i>	<i>Saigon, Vietnam</i>
B. Thomas M. Smith, Jr. <i>General Business Administration</i>	<i>Flint</i>		

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

Darwin Jerome Casler <i>Accounting</i>	<i>Ortonville, Minn.</i>	Gordon Richard Pabst <i>Marketing</i>	<i>Marlette</i>
John Francis Ellison, Jr. <i>Personnel Administration</i>	<i>Lake Orion</i>	James F. Rozek <i>Food Distribution</i>	<i>Essexville</i>
Gary S. Grimes <i>Production Administration</i>	<i>Bethel Park, Pa.</i>	Laurence Arie Solomonson <i>Accounting</i>	<i>Howard City</i>
Jack Melvin McDonald <i>General Business Administration</i>	<i>Copemish</i>	Everett J. Young <i>Marketing</i>	<i>Charlotte</i>
William Wayne Mortimer <i>Production Administration</i>	<i>Birmingham</i>		

DEGREE OF MASTER OF LANDSCAPE ARCHITECTURE

Robert Lee Kent, Jr.	<i>Detroit</i>
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# COLLEGE OF EDUCATION

The candidates will be presented by DEAN CLIFFORD E. ERICKSON

## DEGREE OF BACHELOR OF ARTS—*Elementary Education*

*Jacqueline Geiger Barnes	Royal Oak	Sandra Orton Duff	Detroit
Leonard Wilson Barrows	Owosso	*Gary William Fangboner	East Lansing
Raymond J. Bieszki	Detroit	*Mary Frances Fargher	Michigan City, Ind.
Patricia Marie Bingley	Burlington	*Joan Mae Gorman	Pontiac
Helen Mariah Bullen	Mason	Marilyn Sue Herman	Coldwater
Marjorie G. Bush	Marshall	Barbara Jane Howell	Detroit
Cheryl Elaine Chambers	Battle Creek	Judith Darlene Jeschke	St. Joseph
Gynt Herschel Clifford	Grand Rapids	Ruth Elizabeth Kingsley	Grand Ledge
Dorothy Schroeder Coan	Grosse Ile	Maryann Bertha Kohn	Lansing
Janice Elaine Cousino	Monroe	Mary Lou Kroly	Grosse Pointe
*Diana Jeanne Cox	Grand Rapids	Jane Ann Morsches	Columbia City, Ind.
Shirley Spencer Cummings	Lansing	Elizabeth Dean Nelson	Indianapolis, Ind.
Susan Meredith Cummins	Bloomfield Hills	Elaine Rosman Pastor	Detroit
*Beverly Joan Davies	East Lansing	*Colleen Mae Reid	Livonia
Darlene Ann Diehl	Davison	†Sharon Rae Weihe	Jackson
Sanda Gale Dolph	Arcadia	*Joyce Ann Whitfield	Pontiac

## DEGREE OF BACHELOR OF ARTS—*Special Education*

Kay Elizabeth Millikin, Williamston

## DEGREE OF BACHELOR OF SCIENCE—*Industrial Arts*

Dale Robert Hansen	Grand Rapids	Gerald Warren Ivester	Flint
Earl Malcolm Henderson	Flushing	Joyce Smith Peterson	Plymouth

## DEGREE OF BACHELOR OF SCIENCE—*Physical Education*

Donald Raymond Arend	Baroda	†Michael Patrick Carey	Detroit
Patricia Ann Bailey	Drummond Island	Gary Don Cline	East Lansing
John Moyle Blanchard	Cedar Springs	James T. Ferguson	Oklahoma City, Okla.

\*With Honor  
†With High Honor

## DEGREE OF BACHELOR OF SCIENCE—PHYSICAL EDUCATION (Continued)

Sandra Kay Giltner	<i>East Lansing</i>	Sally Ann Blanchard McBride	<i>Deckerville</i>
Richard Lee Griffin	<i>North Branch</i>	Jack Edward Quiggle	<i>South Bend, Ind.</i>
Harry Guydan	<i>Avalon, Pa.</i>	Thomas Francis Vernon	<i>Mt. Carmel, Pa.</i>
Benjamin Harris III	<i>Winnetka, Ill.</i>	Robert Carl Wallace, Jr.	<i>Grosse Pointe</i>

DEGREE OF MASTER OF ARTS—*Education*

Sister Mary Audrey Adelman, R.S.M.	<i>Muskegon</i>	Andrew Thomas Kelley	<i>Detroit</i>
Charles James Anderson	<i>Saline</i>	William Daniel Kenney	<i>Chicago, Ill.</i>
John Carl Andreasen	<i>Grand Rapids</i>	Wilma Fae Kuns	<i>Garden City, Kan.</i>
Maurice Gene Arnold	<i>Spring Lake</i>	Jerome McFarland	<i>Birmingham, Ala.</i>
Ronald Steuig Beer	<i>Cissna Park, Ill.</i>	Doris Cook McReynolds	<i>Paw Paw</i>
Robert K. Bennetts	<i>Flint</i>	Maurice L. Mellor	<i>Battle Creek</i>
Ronald William Bigelow	<i>Mt. Morris</i>	William John Mumby	<i>Corunna</i>
James Stephen Bonner	<i>Lansing</i>	Barbara Alice Novy	<i>Saginaw</i>
Burton Howard Brooks	<i>Bellevue</i>	James Edward Overly	<i>Grass Lake</i>
Gary LaMont Burley	<i>Munising</i>	Charles Robert Owens	<i>Mt. Pleasant</i>
Jack Gordon Cairl	<i>Waukegan, Ill.</i>	John Keith Pardee	<i>Lansing</i>
Terry Wayne Carnahan	<i>Flint</i>	Dean A. Parrott	<i>Lincoln Park</i>
Kenneth Robert Church	<i>Buchanan</i>	Mildred Marguerete Parrott	<i>Battle Creek</i>
Jack Leland Cluster	<i>Benton Harbor</i>	Thomas A. Petroff	<i>Lansing</i>
Louis Cohen	<i>Williamston</i>	Matilda Potter	<i>East Lansing</i>
Donald Alan Craig	<i>Lansing</i>	Joyce Newmann Prochnow	<i>Ann Arbor</i>
Arn Thomas Dunathan	<i>Escanaba</i>	Charles Russian	<i>Flint</i>
Roger Barrie Fell	<i>Drayton Plains</i>	Robert Richard Schaefer	<i>Jackson</i>
Patrick James Flanigan	<i>Marquette</i>	James Leland Skaggs	<i>Milton, Wis.</i>
Lucia Marie Freeman	<i>Yonkers, N. Y.</i>	James William Skvarenina	<i>Davison</i>
Elsie Margaret Geeting	<i>Fremont</i>	Francis Gerald Smith, Jr.	<i>Detroit</i>
William Edward Gipson	<i>Sterling</i>	Andrew Wesley Snyder, Sr.	<i>Owosso</i>
James Davis Gray	<i>Leslie</i>	Robert Burton Spense	<i>Southfield</i>
Gail Alice Harris	<i>North Branch</i>	Lawrence William Stebbins	<i>Kalkaska</i>
Rodney Timothy Hartnett	<i>Champaign, Ill.</i>	Jerry Wilcox Stein	<i>Three Oaks</i>
Donald Alfred Hawkinson	<i>Ashtabula, Ohio</i>	Marvin Dean Sullivan	<i>Holland</i>
Spencer Thurston Hockaday	<i>Haslett</i>	Doryce Phelps Swanson	<i>Grand Rapids</i>
Jacqueline Louise Jaaskelainen	<i>Ahmeek</i>	Eleanor Louise Veramay	<i>St. Johns</i>
William Charles Jenkins	<i>Nashville</i>	Richard Allen Whitworth	<i>Constantine</i>
Donald Thomas Kasuba	<i>Eaton Rapids</i>	William Matthew Woods	<i>Battle Creek</i>

# COLLEGE OF COMMUNICATION ARTS

The candidates will be presented by DEAN GORDON A. SABINE

## DEGREE OF BACHELOR OF ARTS

*Richard Albert Ball <i>General Communication Arts</i>	Wilmington, Del.	James Harrison Gross <i>Television, Radio and Film</i>	East Lansing
Edred Bernard Bass, Jr. <i>Advertising</i>	Detroit	Lyn Shepard <i>Journalism</i>	Lansing
John Theodore Clark <i>Advertising</i>	Flint	John Britton Smith <i>Television, Radio and Film</i>	Lansing
Ray Stanley Delman <i>Advertising</i>	Detroit	Paul Marius VanKolken <i>Journalism</i>	Holland
Alan Alfred DePetro <i>Television, Radio and Film</i>	Youngstown, Ohio	Glena Gary Wallace <i>Advertising</i>	Scottville
Frank Berry Glidden <i>Advertising</i>	Traverse City	David Peter Walters <i>Advertising</i>	Royal Oak
Bernard Gross <i>Advertising</i>	Brooklyn, N. Y.		

## DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

### BACHELOR OF ARTS

Chauncey Myers Berdan, Jr. <i>Speech</i>	Pontiac	*Joyce Marylin Jordan <i>Speech</i>	Hazel Park
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## DEGREE OF MASTER OF ARTS

John B. Barron <i>Television, Radio and Film</i>	East Lansing	Gladys I. Strahl <i>Speech</i>	Sault Ste. Marie
Donald Keith Darnell <i>General Communication Arts</i>	Nevada, Mo.	Hal Richard Taylor <i>General Communication Arts</i>	Okemos
Rosarita Margaret Hume <i>General Communication Arts</i>	Port Huron	Thomas Liebig Turk <i>Television, Radio and Film</i>	Greencastle, Ind.
Robert Bruce Oliver <i>Journalism</i>	Framingham, Mass.		

\*With Honor

# THE HONORS COLLEGE

## COLLEGE OF AGRICULTURE

### DEGREE OF BACHELOR OF SCIENCE

†Lawrence Stanley Britsman <i>Dairy Manufacturing</i>	<i>Livingston, N. J.</i>	†James Joseph McGillivray <i>Animal Husbandry</i>	<i>Detroit</i>
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## COLLEGE OF BUSINESS AND PUBLIC SERVICE

### DEGREE OF BACHELOR OF ARTS

*Dan Clifford Davis <i>Personnel Administration</i>	<i>Vassar</i>	†John Allan Martinen <i>Economics</i>	<i>Crystal Falls</i>
†Robert David DeBruyn <i>Economics</i>	<i>Zeeland</i>	†Frank Nunzio Sidoti <i>Accounting</i>	<i>Lansing</i>

## COLLEGE OF HOME ECONOMICS

### DEGREE OF BACHELOR OF SCIENCE

*Elizabeth Gilmer Hopkins <i>Dress Design</i>	<i>Bedford, Va.</i>
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### DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Mary Ann Snow <i>Home Economics Teaching</i>	<i>Buchanan</i>
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## COLLEGE OF SCIENCE AND ARTS

### DEGREE OF BACHELOR OF ARTS

†Robert William Belk <i>Social Science Divisional</i>	<i>Alpena</i>	†Ronald Sterne Wilkinson <i>English</i>	<i>Lansing</i>
†Linda Carolyn Chute <i>Social Science Divisional</i>	<i>Bay City</i>		

### DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

†Mary Carolyn Poe <i>Social Science Divisional</i>	<i>Fort Wayne, Ind.</i>
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### DEGREE OF BACHELOR OF SCIENCE

†Clifford John Blum <i>Zoology</i>	<i>Algoma, Wis.</i>
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## COLLEGE OF EDUCATION

### DEGREE OF BACHELOR OF ARTS

†Annette Noe Lindsey <i>Elementary Education</i>	<i>Oak Park</i>
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## COLLEGE OF COMMUNICATION ARTS

### DEGREE OF BACHELOR OF ARTS

†Mary Claire Huff <i>Journalism</i>	<i>Midland</i>
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### DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

†Judith Ann Nielsen <i>Speech</i>	<i>Chicago, Ill.</i>
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\*With Honor  
†With High Honor

**SCHOOL  
FOR  
ADVANCED GRADUATE STUDIES**

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

**DEGREE OF DOCTOR OF PHILOSOPHY**

**B. L. Allen, Hillsboro, Tex.**

B.S., Texas Technological College; M.S., Michigan State University.

Soil Science. *Major Professor:* E. P. Whiteside, Professor.

*Thesis:* A Mineralogical Study of Soils Developed on Tertiary and Recent Lava Flows in Northeastern New Mexico.

**S. Alexander Billon, Grand Rapids**

B.A., M.A., University of Michigan.

Business Administration. *Major Professor:* R. H. Simonds, Professor.

*Thesis:* Industrial Time Reduction Curves as Tools of Prediction.

**W. Clinton Bourne, McClave, Colo.**

B.S., Colorado A & M College; M.S., University of Nebraska.

Soil Science. *Major Professor:* E. P. Whiteside, Professor.

*Thesis:* A Study of the Morphology and Pedogenesis of a Medial Chernozem Developed in Loess.

**Sarah Catherine Carroll, Vancouver, Canada**

B.H.S., McGill University; S.M., University of Chicago.

Foods and Nutrition. *Major Professor:* D. A. Arata, Assistant Professor.

*Thesis:* A Study of Fatty Livers Induced in Rats by a Threonine Imbalance With Emphasis on Enzyme, Coenzyme, and Liver Fat Interrelationships.

**James M. Crowner, Lansing**

A.B., University of Detroit; M.A., Michigan State University.

Teacher Education. *Major Professor:* G. A. Miller, Associate Professor.

*Thesis:* The Relationship of Certain Characteristics to Institutional Adjustment in a State Training School for Delinquent Boys.

**SCHOOL FOR ADVANCED GRADUATE STUDIES**  
**DEGREE OF DOCTOR OF PHILOSOPHY (Continued)**

- Jack Robert DeLora, *Muskegon* B.A., Bowling Green University; M.A., Western Reserve University.  
Sociology and Anthropology. *Major Professor:* W. H. Form, Professor.  
*Thesis:* Structures and Orientations of Retail Business: A Typological Analysis.
- Roger Peter Dennis, *Oshkosh, Wis.* B.A., St. Norbert College; M.A., University of Wisconsin.  
Music. *Major Professor:* H. O. Reed, Professor.  
*Thesis:* *Symphony in D.*
- John Nelson Ferris, *Milton, Ind.* B.S., Purdue University; M.S., Cornell University  
Agricultural Economics. *Major Professor:* C. Hildreth, Professor.  
*Thesis:* Dynamics of the Hog Market, With Emphasis on Distributed Lags and Supply Response.
- James Roger Feucht, *Wheat Ridge, Colo.* B.S., Colorado A & M College; M.S., Michigan State University.  
Horticulture. *Major Professor:* D. P. Watson, Professor.  
*Thesis:* Root Initiation of Conifers by Air Layering.
- James R. Hodgins, *Mt. Pleasant* B.A., Central Michigan University; M.A., University of Detroit.  
English. *Major Professor:* J. D. Rust, Associate Professor.  
*Thesis:* The Periodical Reception of Thomsa Hardy, George Gissing, and George Moore.
- Michael Nathan Hoechstetter, *Worcester, Mass.* B.S., Worcester Polytechnic Institute; M.S., Lehigh University.  
Chemistry. *Major Professor:* C. H. Brubaker, Jr., Associate Professor.  
*Thesis:* A Study of the Infrared Spectra of the Trimethylplatinum Halides and Some of Their Complexes.
- Joseph William Horton, *Houghton* B.S., University of Portland.  
Chemistry. *Major Professor:* R. M. Herbst, Professor.  
*Thesis:* The Synthesis of Some Alkyl and Alkoxyalkyl Amino-tetrazoles and Their Alkylation.



SCHOOL FOR ADVANCED GRADUATE STUDIES

DEGREE OF DOCTOR OF PHILOSOPHY (Continued)

- Robert Lee Muldoon, *River Forest, Ill.* B.Sc., M.S., Loyola University.  
Microbiology and Public Health. *Major Professor:* C. H. Cunningham, Professor.  
*Thesis:* Some Characteristics of the Hemagglutinating Activity of Infectious Bronchitis Virus.
- Lawrence O. Nelson, *Storrs, Conn.* A.B., Teachers College of Connecticut; M.A., University of Connecticut.  
Administrative and Educational Services. *Major Professor:* W. H. Roe, Associate Professor.  
*Thesis:* Role Expectations for Selected College and University Presidents.
- Wilfred Leo Polzer, *Cameron, Tex.* B.S., M.S., Texas A & M.  
Soil Science. *Major Professor:* M. M. Mortland, Associate Professor.  
*Thesis:* High Frequency Conductance and Dielectric Properties of Wyoming Bentonite.
- Arvelo Hector Puig, *Mayaguez, Puerto Rico* B.A., University of Puerto Rico; M.A., University of Toronto.  
Psychology. *Major Professor:* H. C. Smith, Professor.  
*Thesis:* A Quantitative Cross-Cultural Study of Job Satisfaction in the United States, Italy and Puerto Rico.
- Magdalena Buzna Sedlmayr, *Budapest, Hungary* Diploma, University of Agriculture, Budapest.  
Botany and Plant Pathology. *Major Professor:* E. S. Beneke, Professor.  
*Thesis:* Physiological Studies on *Calvatia* Species.
- Thomas Sedlmayr, *Budapest, Hungary* Diploma, University of Agriculture, Budapest.  
Farm Crops. *Major Professor:* G. J. Hogaboam, Assistant Professor.  
*Thesis:* Inheritance of Speed of Germination in Sugar Beets (*Beta vulgaris* L.)
- Joseph Anthony Sincius, *Niagara Falls, N. Y.* B.S., Union College; M.S., Canisius College.  
Chemistry. *Major Professor:* C. H. Brubaker, Jr., Associate Professor.  
*Thesis:* A Study of the Kinetics of the Electron Transfer Reaction Between Antimony III and V.

**SCHOOL FOR ADVANCED GRADUATE STUDIES**  
**DEGREE OF DOCTOR OF PHILOSOPHY (Continued)**

- Clarence M. Skau, *Flagstaff, Ariz.* B.A., University of Michigan; B.S., M.S., Michigan State University.  
Forestry. *Major Professor:* D. P. White, Associate Professor.  
*Thesis:* Hydrologic Aspects in the Utah Juniper Type in Northern Arizona.
- William Purdy Treloar, *New York, N. Y.* B.A., Morningside College; M.S., Drake University.  
Teacher Education. *Major Professor:* H. J. Dillon, Professor.  
*Thesis:* A Study of Selected Factors Inhibiting the Development of Adult Education in the State of Michigan, 1957-1959.
- Hsin Fu Wang, *Taipei, Taiwan* B.S., National Central University, Nanking, China; M.S., Michigan State University.  
Agricultural Economics. *Major Professor:* G. G. Quackenbush, Professor.  
*Thesis:* Retail Food Price Index Based on M.S.U. Consumer Panel.
- Harold Clive Wells, *Livonia* B.A., M.A., Michigan State University.  
Administrative and Educational Services. *Major Professor:* W. H. Roe, Professor.  
*Thesis:* An Inquiry into the Financial and Administrative Relationship Between Superintendents, School Attorneys and School Boards in Michigan.

DEGREE OF DOCTOR OF EDUCATION

William Edward Clarke, *San Diego, Cal.*

A.B., Manchester College; M.S., Indiana University.

Administrative and Educational Services. *Major Professors*  
R. N. Hatch, Professor.

*Thesis:* The Relationship Between College Academic Performance and Expectancies.

Milton John Hagelberg, *Traverse City*

B.S., M.A., Michigan State University.

Teacher Education. *Major Professor:* H. J. Dillon, Professor.

*Thesis:* A Study of the Goals and Characteristics of Extension Credit Students in Northwestern Michigan.

Otho Jennings, *Wilmore, Ky.*

A.B., God's Bible School; M.A., Lehigh University.

Administrative and Educational Services. *Major Professor:*  
K. T. Hereford, Associate Professor.

*Thesis:* An Evaluation of Direct Experience Programs in Bible Colleges.

Charles J. Patterson, *Mexico City, Mexico*

A.B., Duke University; M.A., University of Kentucky.

Administrative and Educational Services. *Major Professor:*  
K. T. Hereford, Associate Professor.

*Thesis:* A Comparison of Performances of Mexican Children in a Bi-Cultural Setting on Measures of Ability, Achievement, and Adjustment.