

*checking paper*

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WEDNESDAY, MARCH EIGHTEENTH NINETEEN HUNDRED AND FIFTY-NINE

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	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

CORONATION MARCH FROM "THE PROPHET"..... *Meyerbeer*  
MICHIGAN STATE UNIVERSITY BAND—PROFESSOR LEONARD FALCONE, *Director*

## AMERICA

..... *Smith*

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

## INVOCATION

THE REVEREND GEORGE R. SELWAY, D.D.  
RECTOR, *St. Paul's Episcopal Church, Lansing*

## ADDRESS:

"SEARCHING FOR TRUTH"  
GUS TURBEVILLE, B.A., M.A., PH.D.  
*President, Northland College*

## CONFERRING OF DEGREES

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

## ALMA MATER

..... *Traynor*

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

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

## BENEDICTION

THE REVEREND GEORGE R. SELWAY

## RECESSIONAL

TRIUMPHAL MARCH FROM "CLEOPATRA"..... *Mancinelli*

*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.*



## 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, <i>Chairman</i>	Pinconning
THE HONORABLE CLARK L. BRODY	Lansing
THE HONORABLE C. ALLEN HARLAN	Detroit
THE HONORABLE ARTHUR K. ROUSE	Boyne City
THE HONORABLE DON STEVENS	Okemos
THE HONORABLE JAN B. VANDERPLOEG	North Muskegon

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THE HONORABLE LYNN M. BARTLETT, <i>Ex Officio</i>	Lansing
JOHN A. HANNAH, <i>Ex Officio, President</i>	East Lansing
KARL H. McDONEL, <i>Secretary</i>	East Lansing
PHILIP J. MAY, <i>Treasurer</i>	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 104th 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 1957-58 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

- Andrievs Austrins <i>Packaging Technology</i>	Kalamazoo	- Marshall Marvin Cutsworth <i>Forestry</i>	Chippewa Falls, Wis.
- Joseph Thomas Balai <i>Packaging Technology</i>	Marquette	- Abraham Samuel Dorchen <i>Residential Building</i>	Huntington Woods
- Richard David Barden <i>Pomology</i>	South Haven	- J. Charles Frank <i>Agricultural Economics</i>	Midland
- *Donald Eugene Barnes <i>Packaging Technology</i>	Flint	- *Philip Eugene French <i>Pomology</i>	Fenton
- Kenneth Edwin Beach <i>Packaging Technology</i>	Stephenson	- *Max Alfred Gonzenbach <i>Dairy Manufacturing</i>	Milbank, S. D.
- Albert Peter Berish <i>Fisheries and Wildlife</i>	Detroit	- Michael Lawrence Grimes <i>Packaging Technology</i>	Flint
- Anatole Bilecky <i>Forestry</i>	Chicago, Ill.	- Jose Jesus Gutierrez <i>Animal Husbandry</i>	Manizales, Colombia
- Carl Robert Blomquist <i>Forestry</i>	Felch	- Nils Richard Hedberg <i>Packaging Technology</i>	Berrien
- James Raymond Bozeman <i>Packaging Technology</i>	Muskegon	- Raymond Martin Hendrick <i>Farm Crops</i>	Cass City
- Robert Edward Bullerdick <i>Fisheries and Wildlife</i>	Muskegon	- Carl David Henny <i>Packaging Technology</i>	Bad Axe
- Carlos Cardozo Campbell <i>Residential Building</i>	St. Albans, N. Y.	- Jesse Drew Hill <i>Packaging Technology</i>	Manistee
- Arthur Castro <i>Lumber and Building Materials Merchandising</i>	Chesaning	- William Merle Hilton <i>Residential Building</i>	Toledo, O.
- Robert Wayne Christian <i>Packaging Technology</i>	Muskegon	- John Richard Howell <i>Packaging Technology</i>	Three Oaks
- Raymond James Cook <i>Agricultural Economics</i>	Howell	- Philip Lee Jones <i>Animal Husbandry</i>	Saranac
- John Ward Cooper <i>Soil Science</i>	DeWitt	- Ernest Roger Kelley <i>Packaging Technology</i>	Onaway
- Alfred George Coxon, Jr. <i>Packaging Technology</i>	Des Plaines, Ill.	- Norman David Knopf <i>Packaging Technology</i>	Muskegon
		- Albert Frank Kubiske <i>Forestry</i>	Detroit

\*With Honor

Louis Eugene Daley.

COLLEGE OF AGRICULTURE  
DEGREE OF BACHELOR OF SCIENCE (Continued)

~ Percy William Laarman <i>Fisheries and Wildlife</i>	DeWitt	~ Harold J. Rappuhn <i>Agricultural Mechanics</i>	Mayville
~ James Grant Laird, Jr. <i>Lumber and Building Materials Merchandising</i>	Ashtabula, O.	~ Duane William Robertson <i>Packaging Technology</i>	Troy
~ Max A. Lehman <i>Dairy Production</i>	Berne, Ind.	~ John Kenneth Rooker <i>Animal Husbandry</i>	Saginaw
~ Charles Richard McComb <i>Forestry</i>	Grand Ledge	~ Miroslav Paul Rumisek <i>Soil Science</i>	New Lothrop
~ Robert Lewis Metzger <i>Packaging Technology</i>	Buchanan	~ James Milford Ruth <i>Packaging Technology</i>	Flint
~ Douglas Lee Miller <i>Agricultural Economics</i>	Homer	~*John William Schafer <i>Soil Science</i>	Saginaw
~ Edward Stanley Morkis, Jr. <i>Poultry Science</i>	Brockton, Mass.	~ James Allen Schwinkendorf <i>Animal Husbandry</i>	Edwardsburg
~ Lawrence Victor Morton <i>Residential Building</i>	Crystal Falls	~*Reginald Ray Smith <i>Ornamental Horticulture</i>	Muskegon
~ Kenneth W. Murphy <i>Residential Building</i>	Haslett	~ Richard S. Walkowiak <i>Packaging Technology</i>	Bay City
~ Robert Ronald Packer <i>Packaging Technology</i>	Lawton	Radford Royce Whiteman <i>Fisheries and Wildlife</i>	Dearborn
~ Kenneth Wilmer Peterson <i>Food Technology</i>	Lansing	~ Ralph Stanley Wirebaugh <i>Agricultural Economics</i>	Homer
~ Ernest John Pharr <i>Food Technology</i>	Ithaca	~ Bernard Al Wisniewski <i>Residential Building</i>	Dorr
~ Ventis Plume <i>Forestry</i>	St. Joseph	~ Karl Rodemann Wolfanger <i>Soil Science</i>	East Lansing
~ Edward Jay Pratt <i>Packaging Technology</i>	Detroit	~ Richard Alan Yochum <i>Packaging Technology</i>	Kenmore, N. Y.

DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION  
BACHELOR OF SCIENCE

~*Fred Herman Abel <i>Agriculture Education</i>	Remus	~ Gene R. Lewis <i>Agriculture Education</i>	Orlund, Ind.
~ John Rix Emshwiller <i>Agriculture Education</i>	Petoskey	~*Raymond Samuel Mazurek <i>Agriculture Education</i>	Scottville
~ Forest Dale Kuenzli <i>Agriculture Education</i>	Mikado	~ Lawrence Rubeck, Jr. <i>Agriculture Education</i>	New Carlisle, Ind.

\*With Honor

## DEGREE OF MASTER OF SCIENCE

~ William Davis Armstrong <i>Horticulture</i>	Princeton, Ky.	~ Bruce A. McKenzie <i>Agricultural Engineering</i>	Lafayette, Ind.
~ Robert Barclay Beahn III <i>Agricultural Engineering</i>	Greenfield, N. H.	Robert Joseph Moraniec <i>Agricultural Mechanics</i>	Decker
~ Fred Christian Bernhardt <i>Agricultural Extension</i>	Escanaba	~ Thomas Richard Mulvaney <i>Food Technology</i>	Bellevue
~ Rolfe Douglas Bradbury <i>Forestry</i>	Chillicothe, O.	~ Jhareswar P. Pal <i>Agricultural Engineering</i>	Midnapore, India
~ John Frank Carr <i>Fisheries and Wildlife</i>	Johnson City, Tenn.	~ Howard Delos Parish <i>Resource Development</i>	Midland
~ Richard Hugh DeLano <i>Horticulture</i>	Grand Rapids	~ Thomas Tougaard Pedersen <i>Agricultural Engineering</i>	Copenhagen, Denmark
~ Joseph Ralph Dumont <i>Farm Crops</i>	Mikado	~ William Strong Pryer <i>Agricultural Extension</i>	Portland
~ Donald Louis Eppelheimer <i>Agricultural Extension</i>	Lake Odessa	~ Wesley Moss Rickard <i>Forestry</i>	Syracuse, N. Y.
~ Theodore James Goering <i>Agricultural Economics</i>	Pretty Prairie, Kan.	~ Thomas Ritsuo Sawa <i>Animal Husbandry</i>	Ewa, Hawaii
~ Donald Eugene Helgersen <i>Resource Development</i>	Iola, Wis.	~ Madheshwar Dhari Sinha <i>Poultry Science</i>	Patna, India
~ Victor Alan Jones <i>Dairy</i>	Lansing	~ Elwood William Speckmann, Jr. <i>Poultry Science</i>	Cedar Grove, N. J.
~ Lowell Edward Keup <i>Fisheries and Wildlife</i>	Racine, Wis.	~ George William Threlkeld <i>Soil Science</i>	Waverly, Ky.
Robert Arnold Knoernschild <i>Horticulture</i>	Augusta, Mo.	~ Jerry Blakely Waters <i>Agricultural Economics</i>	St. Francis, Kan.
~ Willard Lloyd Koukari <i>Horticulture</i>	Ishpeming	~ John Dee Wynn <i>Dairy</i>	Checotah, Okla.
~ Laird Fillmore Logue <i>Agricultural Extension</i>	Worton, Md.	~ John Otto Younger <i>Forest Products</i>	Appleton, Wis.

## COLLEGE OF ENGINEERING

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

### DEGREE OF BACHELOR OF SCIENCE

~ Robert Eric Almquist <i>Mechanical</i>	Westlake, O.	~ Alvaro Sarria <i>Mechanical</i>	Popayan, Colombia
~ Edward John Macek <i>Mechanical</i>	Newfane, N. Y.	~ Mills Moffett Spangberg <i>Mechanical</i>	Freeport, Ill.
~ Rodger Paul Polivchak <i>Mechanical</i>	Detroit	~ Darmawan Wioreno <i>Mechanical</i>	Djakarta, Indonesia
~ Walter Bernard Rensel <i>Mechanical</i>	Plymouth		

### DEGREE OF MASTER OF SCIENCE

~ Kenneth Robert Cook <i>Electrical</i>	Perry	~ Dinkar Shankar Rane <i>Electrical</i>	Bombay, India
~ Ernest Robert Johnson <i>Mechanical</i>	Flint		

## COLLEGE OF HOME ECONOMICS

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

### DEGREE OF BACHELOR OF SCIENCE

~† Marilyn Walker Coxon <i>Research Foods and Nutrition</i>	East Lansing	~ Nancy Kuenzel Peterson <i>Dress Design</i>	Ann Arbor
~ Sally Ann Gordon <i>General Related Arts</i>	Mullett Lake	~† Eleanor Jones Warfield <i>General Related Arts</i>	Grosse Pointe

### DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

#### BACHELOR OF SCIENCE

~ Betty J. Bissell <i>Home Economics Teaching</i>	Mason	~* M. Darlene Dobias <i>Home Economics Teaching</i>	Scottville
~* Janis Kay Wirth Bock <i>Child Development and Teaching</i>	Western Springs, Ill.	~ Sandra Lee Fenner <i>Home Economics Teaching</i>	Martin

\*With Honor  
†With High Honor



## COLLEGE OF HOME ECONOMICS

### DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION BACHELOR OF SCIENCE (Continued)

~†Judith Lee Kuipers <i>Child Development and Teaching</i>	Midland	~ Elizabeth Ann Neumaier <i>General Home Economics</i>	Utica
~*Marilyn D. Bennett Lloyd <i>Home Economics Teaching</i>	Lansing	~ Betty Jane Russell <i>Home Economics Teaching</i>	Fowlerville
~ Judith Ann McCormick <i>Home Economics Teaching</i>	Cass City	~ Abby Jane Vinkemulder <i>General Home Economics</i>	Grand Rapids

### DEGREE OF MASTER OF ARTS

~Antonieta Jalelo Jarantilla <i>Clothing and Textiles</i>	Manila, Philippines	~ Carol Warwick Shaffer <i>Home Management</i>	East Lansing
~ Sister Ann Gabriel Kilsdonk <i>Clothing and Textiles</i>	Monroe		

## COLLEGE OF VETERINARY MEDICINE

The candidates will be presented by DEAN WILLIS W. ARMISTEAD

### DEGREE OF BACHELOR OF SCIENCE

~ Sherrill Gaye Lyon <i>Medical Technology</i>	Pontiac
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### DEGREE OF MASTER OF SCIENCE

~ Bernard Franklin Taylor <i>Microbiology and Public Health</i>	Charles Town, W. Va.	~ Glenn Lee Waxler <i>Veterinary Pathology</i>	East Lansing
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\*With Honor  
†With High Honor

# COLLEGE OF SCIENCE AND ARTS

The candidates will be presented by DEAN MILTON E. MUELDER

## DEGREE OF BACHELOR OF ARTS

~ James Edward Balfour <i>Social Science Divisional</i>	Pentwater	~ John Patrick Kennedy <i>Social Science Divisional</i>	Lansing
~ Forrest D. Baribeau <i>Psychology</i>	Grand Rapids	~ Michael Jeremy Ketchum <i>Social Science Divisional</i>	East Lansing
~ John Frederick Barton <i>History</i>	Royal Oak	~ Donald John Lehr <i>Psychology</i>	Wheaton, Ill.
~ William Warren Benham <i>Social Science Divisional</i>	Ridgeway	~ John Walter Lusk <i>Social Science Divisional</i>	Ferndale
~ Linda Marguerite Berg <i>English</i>	Midland	~ William Watson Lyons <i>Social Science Divisional</i>	Lansing
~ Nancy Lee Berner <i>Sociology and Anthropology</i>	Lansing	~ Earnest Edward Marenich <i>Art</i>	Fowlerville
~† Nikolina Brauner <i>Psychology</i>	Okemos	~ Roger Lee Markle <i>History</i>	Eaton Rapids
~* John Carlyle Curry <i>History</i>	Lansing	~ Reinhold Markwart <i>Social Science Divisional</i>	Woodland
~ Dana Maxim Dondero <i>Social Science Divisional</i>	Huntington Woods	~ Roy Lee Morton <i>Art</i>	Lansing
~ Thomas Harley Franks <i>Geography</i>	Lansing	* Thomas A. Murphy <i>Psychology</i>	Okemos
~ Wayne Elliot Franson <i>Psychology</i>	Detroit	~ Harold Emanuel Peterson <i>Chemistry</i>	Escanaba
~ Harold Ward Frye <i>Mathematics</i>	Mason	~ Virginia Ann Baker Pomerleau <i>Art</i>	Bloomfield Hills
~ Alan Emery Fuller <i>Art</i>	Grand Rapids	~ Gordon Jay Quist <i>Social Science Divisional</i>	Grand Rapids
Richard John Gagnon <i>Art</i>	Dearborn	~* Charles Lawrence Richardson <i>Foreign Studies</i>	Warren
~* Judith Ann Green <i>Social Science Divisional</i>	East Lansing	~ Thomas Russell Schwartz <i>History</i>	Midland
~* Virginia Mae Hawn <i>English</i>	Fenwick	Francis Dean Silvernail <i>Social Science Divisional</i>	Caro
Barbara Ann Herrmann <i>Mathematics</i>	St. Joseph	Robert Frazier Smith <i>Psychology</i>	Royal Oak
~ Victor K. Hosler <i>Art</i>	Detroit		

\*With Honor

†With High Honor

Rodney Duane Cross

## DEGREE OF BACHELOR OF ARTS (Continued)

~ Eugene Grover Spilman <i>Art</i>	<i>Berkley</i>	Harry Arthur Tenney <i>History</i>	<i>Ridgewood, N. J.</i>
~ Stanley Paul Steck III <i>Social Science Divisional</i>	<i>Pontiac</i>	~ Karl Allen Utrecht <i>Art</i>	<i>New Albany, Ind.</i>
~ Donald Francis Stoll <i>English</i>	<i>Detroit</i>	Robert Dennis Wright <i>Social Science Divisional</i>	<i>Detroit</i>
~ Michael Patrick Sweeney <i>Social Science Divisional</i>	<i>Staten Island, N. Y.</i>		

## DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

## BACHELOR OF ARTS

~ Michael Vincent Bell <i>Social Science Divisional</i>	<i>Birmingham</i>	~ Jonathan Hubbard Miner <i>History</i>	<i>Detroit</i>
~ Barbara Ann Canfield <i>Social Science Divisional</i>	<i>Detroit</i>	~ *Sharon Valerie Morrison <i>French</i>	<i>Detroit</i>
~ Byron Patrick Clark <i>History</i>	<i>Detroit</i>	~ Carl O. Olson, Jr. <i>History</i>	<i>Latham, N. Y.</i>
~ Nancie Clow Farrell <i>Social Science Divisional</i>	<i>Grosse Pointe</i>	~ Nancy Elizabeth Paul <i>Social Science Divisional</i>	<i>Jackson</i>
Margaret Jean Ferris <i>History</i>	<i>Birmingham</i>	Ann Rita Pedersen <i>Art Education</i>	<i>Treasure Island, Fla.</i>
~ *Kenneth Duane Gabel <i>Mathematics</i>	<i>Livonia</i>	~ Andrew Thomas Rajkovich <i>History</i>	<i>Ironwood</i>
~ †Richard Leon Higginbotham <i>History</i>	<i>Buchanan</i>	~ *Nancy Lynne Slajus <i>English</i>	<i>Rogers City</i>
~ Michael James McGrath <i>Social Science Divisional</i>	<i>Flint</i>	~ Duanne Carlton Thomson <i>Social Science Divisional</i>	<i>Mason</i>

## DEGREE OF BACHELOR OF SCIENCE

~ Clayton Everetts Barber, Jr. <i>Physics and Astronomy</i>	<i>Gaylord</i>	~ Clyde Edgar Collier <i>Mathematics</i>	<i>East Tawas</i>
~ Melvin Edwin Burke <i>Physics and Astronomy</i>	<i>White Cloud</i>	~ Edward George Grabman <i>Physical Science Divisional</i>	<i>Rochester</i>
~ Charles Edward Butler <i>Geology</i>	<i>Pontiac</i>	~ Edward Schill Gravlin <i>Physics and Astronomy</i>	<i>Bay City</i>
~ *Ray Howard Clark <i>Zoology</i>	<i>Lincoln Park</i>	~ C. Robert Hall <i>Zoology</i>	<i>Livonia</i>

\*With Honor  
†With High Honor

COLLEGE OF SCIENCE AND ARTS

DEGREE OF BACHELOR OF SCIENCE (Continued)

~ James Arthur Herbold <i>Mathematics</i>	Flint	~ Raymond Adolph Schwarz <i>Zoology</i>	Glenview, Ill.
Charles Phillip Hicks <i>Mathematics</i>	Alma	~ Keith Wilcock Smith <i>Physics and Astronomy</i>	Haslett
~ Charles Joseph Jezek <i>Geology</i>	Bessemer	~ Morris Leslie Smith <i>Mathematics and Physical Science Divisional</i>	Lawnside, N. J.
~ Albert Carl Krug <i>Geology</i>	Montague	~ Emil George Thomas <i>Chemistry</i>	Detroit
~ John Stephen Kupiec <i>Mathematics</i>	Detroit	*~ Richard John Thompson <i>Geology</i>	Grand Rapids
~ Joseph Harry Lezovich, Jr. <i>Mathematics</i>	Morrice	~ James Melvin Tisdale <i>Zoology</i>	Niagara Falls, Canada
~ Van L. Marshall <i>Geology</i>	Allen	James Robert Vince <i>Geology</i>	Byron
~ Arnold John Mickelson <i>Geology</i>	Kirkland Lake	~ Norman John Von Allmen <i>Geology</i>	Grosse Pointe
~ James William Monks <i>Chemistry</i>	Poughkeepsie, N. Y.	~ Evan Southgate Williams <i>Physics and Astronomy</i>	Rochester
~ Frank Allan Polkinghorn, Jr. <i>Physics and Astronomy</i>	Veroma, N. J.	~ James B. Zaitzeff <i>Geology</i>	Dearborn
~ Kermit Warren Richardson <i>Physics and Astronomy</i>	Monroe		

DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF SCIENCE

Gerhardt Paul Engelmann <i>Mathematics</i>	Chicago, Ill.	Peggy Emerson Prentice <i>Mathematics</i>	Saginaw
~ Richard LeRoy Hoskins <i>Mathematics</i>	Williamston	~ Edmond Carl Storch, Jr. <i>Zoology</i>	New Madison, O.
~ Anthony Niesluchowski <i>Biological Science Divisional</i>	Jackson	~ Hedwig Heloise Tramposch <i>Zoology</i>	Detroit

BACHELOR OF MUSIC

Ralph Edward Messner <i>School Music</i>	Ferndale	~ William Allen Seeback <i>School Music</i>	Scottville
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DEGREE OF MASTER OF ARTS

~ Paul S. D. Berg <i>Psychology</i>	Bronx, N. Y.	~ Noble Bright, Jr. <i>Social Science</i>	Cape May, N. J.
~ Mary Clare Milligan Boroughs <i>Psychology</i>	Worcester, Mass.	~ Arnold Stanley Carson <i>Psychology</i>	East Lansing

\*With Honor

## DEGREE OF MASTER OF ARTS (Continued)

~ Wayne Harold Chubb <i>Psychology</i>	Howell	~ Richard Lee Passine <i>Psychology</i>	Detroit
~ Robert J. Cohen <i>Psychology</i>	Brooklyn, N. Y.	~ Lawrence Claude Perry <i>French</i>	Lansing
~ John James Gawronski <i>Psychology</i>	Dunkirk, N. Y.	Edna Isabel Robertson <i>History</i>	Glasgow, Scotland
~ Paul Gunnar Hendrickson <i>Music</i>	Gwinn	~ Kim Rodner <i>Sociology and Anthropology</i>	Maywood, Ill.
~ Eugene Carl Hepola <i>Sociology and Anthropology</i>	Hancock	~ Barbara Anne Wessinger <i>History</i>	Howell
~ Jaibong Pak <i>Sociology and Anthropology</i>	Seoul, Korea		

## DEGREE OF MASTER OF SCIENCE

~ John William Baker <i>Mathematics</i>	Springfield, Pa.	~ Ronald John Larsen <i>Mathematics</i>	Chicago, Ill.
~ Aretha Collins <i>Biological Science</i>	Grayson, La.	~ Lee Virn Leak <i>Botany and Plant Pathology</i>	Chesterfield, S. C.
~ Hajime Hayashi <i>Microbiology and Public Health</i>	Gifu City, Japan	~ James Thomas Neal <i>Geology</i>	Farmington
~ Tin Oo Hlaing <i>Physics and Astronomy</i>	Thaton, Burma	~ Jerry William Riffle <i>Botany and Plant Pathology</i>	South Bend, Ind.
~ Jack Russell Hoffert <i>Physiology</i>	Grand Rapids	~ Margaret Elizabeth Smith <i>Biological Science</i>	Belleville
~ Justin Chi Ching Huang <i>Physics and Astronomy</i>	Vancouver, Canada	Joyce Elaine Trier <i>Microbiology and Public Health</i>	Owosso
~ Jack Knoll <i>Physiology</i>	East Lansing	~ Gordon Stanley Utter <i>Geology</i>	Monroe
~ Karl Wiegand Kohl <i>Geology</i>	Pittsburgh, Pa.	~ Ritchie Antone Wessling <i>Chemistry</i>	Lansing
Stanley Garson Krane <i>Chemistry</i>	New York, N. Y.		

# COLLEGE OF BUSINESS AND PUBLIC SERVICE

The candidates will be presented by DEAN ALFRED L. SEELYE

## DEGREE OF BACHELOR OF ARTS

- Miller Adams <i>Accounting</i>	Niles	- Zen William Burianyk <i>Economics</i>	Toronto, Canada
- George Perry Adamson <i>Production Administration</i>	Carson City	- Robert William Carlson <i>Marketing</i>	Norway
- Larry L. Albert <i>Accounting</i>	Holt	James Lynett Cavanagh <i>Marketing</i>	East Lansing
- Ronald Lee Alexander <i>Accounting</i>	Benton Harbor	Allan McKenzie Charlton <i>Economics</i>	Newcastle, Australia
- Robert Louis Alflen <i>General Business Administration</i>	Orchard Lake	- Carmelo U. Chila <i>Economics</i>	Detroit
- Joseph Eugene Alleo <i>General Business Administration</i>	Lansing	- Richard Christopher Chittick, Jr. <i>Personnel Administration</i>	Shreveport, La.
- Gordon Louis Andersen <i>Production Administration</i>	Muskegon	- Richard Craig Coates <i>Transportation</i>	Wayne
Donald Vincent Anderson <i>Production Administration</i>	St. Joseph	- Geraldine Sheralee Cohn <i>Social Work</i>	Toronto, Canada
- Arnold George Arends <i>Insurance</i>	Grosse Pointe Farms	- Albert Nicholas Colucci <i>Hotel Management</i>	Dearborn
- Robert Stephen Astalos <i>Personnel Administration</i>	Monroe	John Hamilton Conolly <i>Economics</i>	Gurnee, Ill.
- Arthur William Barker <i>Economics</i>	Calgary, Canada	- George Henry Crossman <i>Production Administration</i>	Lake Orion
- *Samuel Merritt Bateman, Jr. <i>Production Administration</i>	Stuart, Va.	- George William Curtis, Jr. <i>Political Science</i>	Adrian
- Jack Ronald Baxter <i>Marketing</i>	Lansing	- John James Daley <i>Financial Administration</i>	Royal Oak
- Donald Sidney Belville <i>Production Administration</i>	Leroy	- Robert Arden DeYoung <i>Economics</i>	Traverse City
- Robert Carroll Benedict <i>General Business Administration</i>	Grand Rapids	- Donald Dean Dygert <i>Personnel Administration</i>	Battle Creek
- Robert Aldrich Bliss <i>General Business Administration</i>	Ann Arbor	- Paul M. Earl <i>Economics</i>	Keego Harbor
- Gordon Joseph Breen <i>Production Administration</i>	Grand Rapids		

\*With Honor



COLLEGE OF BUSINESS AND PUBLIC SERVICE

DEGREE OF BACHELOR OF ARTS (Continued)

~ John Francis Ellison, Jr. <i>Personnel Administration</i>	Lake Orion	† Gerald Allen Hetrick <i>Production Administration</i>	Elmore, O.
~* Jerry Edward English <i>General Business Administration</i>	Saginaw	~ Donald V. Holda <i>Production Administration</i>	Jackson
~ Donald Elliott Forée <i>Restaurant Management</i>	Chicago, Ill.	~ Peer Gynt Holtkamp <i>Restaurant Management</i>	Trumans Burg, N. Y.
~ Ray Earl Gadberry <i>Personnel Management</i>	Flint	~ Francis Paul Jeffs <i>Restaurant Management</i>	Flint
~ Christus Paul Galatis <i>Economics</i>	Johnson City, N. Y.	~ Jack Alan Kammeraad <i>Economics</i>	Holland
~ Thomas Earl Gallagher <i>Accounting</i>	Bay City	~ Oscar Helmuth Koeplin <i>Public Administration</i>	Saginaw
~ Richard Joseph Gaudrault <i>Accounting</i>	Bark River	~ Robert Kranklin Krol <i>Economics</i>	Detour
~ Ronald Walter Gilbertson <i>Insurance</i>	Detroit	~ Richard Arnold Kuntz <i>Accounting</i>	East Lansing
~ Jerome Frederick Gilles <i>Transportation</i>	Saginaw	~ John Robert Kurth <i>Transportation</i>	Grand Rapids
~ James Douglas Gleason <i>Accounting</i>	Cassopolis	~ Stanley Francis Lazarczyk <i>Personnel Administration</i>	Sayreville, N. J.
~ Philip Gerrit Goddard <i>General Business Administration</i>	Royal Oak	~ Richard James Leys <i>Production Administration</i>	Battle Creek
~ Forrest Dale Gregg <i>Social Work</i>	Warren	~ Roland William LindHorst <i>Economics</i>	Detroit
~ Jack Lobb Gribble <i>Personnel Management</i>	Ironwood	~ Lee Madden <i>General Business Administration</i>	Detroit
~ Donald Duane Harbin <i>Personnel Administration</i>	Saginaw	~ Edward Francis Maney, Jr. <i>Restaurant Management</i>	Peabody, Mass.
~ Charles William Hardie <i>Economics</i>	Jackson	~ William Harlan Marshall <i>General Business Administration</i>	East Lansing
~ Rodman Elder Harris <i>Hotel Management</i>	East Lansing	~ Archie George Matsos <i>Economics</i>	Detroit
~ Robert Douglas Harvey <i>Production Management</i>	Kalamazoo	~* Robert Terrence McBride <i>Accounting</i>	Utica
~ Douglas Dale Harwood <i>General Business Administration</i>	Harbor Beach	~ Charles McCaffree III <i>Hotel Management</i>	East Lansing
~ Charles William Heidt <i>Hotel Management</i>	Detroit	~ John Frank McCally <i>Economics</i>	Wilmette, Ill.
~ Frederick G. Henwood <i>Economics</i>	Detroit	~ Lawrence Patrick McDonald <i>Economics</i>	Jackson

\*With Honor  
†With High Honor

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

~ Richard Eugene McGee <i>Production Administration</i>	Birmingham	~ Don Carlton Shepard <i>Political Science</i>	East Lansing
Keith LeRoy McGehee <i>Economics</i>	Flint	~ Donald Leo Sinclair <i>Purchasing Administration</i>	Grosse Ile
~ Clarence Guy Merskin <i>Accounting</i>	Thompsonville	~ Joseph Albin Slajus <i>Production Administration</i>	Carney
~ Ralph Raymond Nash <i>Marketing</i>	Lansing	~ *Dirk Snell Sparenborg <i>Marketing</i>	Algonac
~ Richard Alfred Newburg <i>General Business Administration</i>	Crystal	~ Eldon Keith Spurway <i>Economics</i>	Saginaw
~ Wayne Leroy Nunn <i>Production Administration</i>	Brighton	~ Richard Squires <i>Economics</i>	Lansing
~ Kenneth Hugh O'Neil <i>General Business Administration</i>	Grosse Pointe Farms	~ Harry Malcolm Stewart <i>General Business Administration</i>	Detroit
*Hans Kristian Ottesen <i>Hotel Management</i>	Bayville, N. Y.	Harold Webster Stoddard <i>Hotel Management</i>	Ann Arbor
~ Zoe Louise Peckman <i>Restaurant Management</i>	McKeesport, Pa.	~ Dean Philip Taylor <i>Hotel Management</i>	Evansville, Ind.
~ James Joseph Phelan <i>General Political Science</i>	Saginaw	~ Herbert H. Tedder <i>Food Distribution</i>	Berkley
Richard James Podleski <i>Economics</i>	Traverse City	Harry John Tengelsen <i>Economics</i>	Cleveland, O.
~ Donald Leon Pyle <i>Production Administration</i>	Wichita, Kansas	~ Allen Wesley Ten Hoor <i>Production Administration</i>	Grand Rapids
~ Robert Earl Reed <i>General Business Administration</i>	Warsaw, Ind.	~ Donald Albert Tomrell, Jr. <i>Transportation</i>	Lansing
~ †Jerry Stewart Richardson <i>Hotel Management</i>	Irving, N. Y.	~ James Alan VanBortel <i>Economics</i>	Palmyra, N. Y.
~ William Frederick Roggow <i>Accounting</i>	Mason	~ Adrian Hubert VanKampen, Jr. <i>Marketing</i>	Chicago, Ill.
~ Elliot Alden Ryan <i>Hotel Management</i>	Cooperstown, N. Y.	~ *Donald D. Velky <i>Personnel Administration</i>	Detroit
~ Robert Douglas Scheel <i>General Business Administration</i>	Birmingham	~ Arthur G. Wacker <i>Economics</i>	Ann Arbor
~ John E. Schuette <i>Production Administration</i>	Saginaw	~ Robert S. Wait <i>Economics</i>	Croswell
~ John Dale Schwerdt <i>General Business Administration</i>	St. Joseph	~ James Anthony Walker <i>Accounting</i>	Royal Oak
~ Frederick William Shaver II <i>General Business Administration</i>	East Lansing	~ *John Clare Warner <i>Personnel Administration</i>	Peru, Ind.

\*With Honor

†With High Honor

COLLEGE OF BUSINESS AND PUBLIC SERVICE

DEGREE OF BACHELOR OF ARTS (Continued)

Wallace Kenneth Waterbury <i>Marketing</i>	Quincy	~ Alfred Horace Wilkins <i>Production Administration</i>	Grand Rapids
Richard Louis Weinberg <i>Economics</i>	Saginaw	~ William Arthur Wilson <i>Economics</i>	Williamsville, N. Y.
~ Larry Arlen Wenger <i>General Business Administration</i>	Lansing	~ John Clifford Wood <i>General Business Administration</i>	Detroit
~ Roger Lee Westen <i>Hotel Administration</i>	Allen Park	~ William R. Yaw, Jr. <i>Economics</i>	Bloomfield
~ Gordon Frederick Wicklund <i>Personnel Administration</i>	Scottville	~ Carl Ronald Zajas <i>Banking</i>	Dearborn

DEGREES RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF ARTS

~ William John Brennan <i>Economics</i>	Avoca	~ Fred Cummiskey Tinning <i>Business Education</i>	Detroit
~ Richard Scott McCurdy <i>General Business Administration</i>	Grand Rapids		

DEGREE OF BACHELOR OF SCIENCE

~ Richard Barry Cole <i>Industrial Security</i>	Dearborn	~ * Wayne Stanley Loch <i>Law Enforcement</i>	Chicago, Ill.
~ Robert Lee Collins <i>Police Science</i>	Kingwood	~ Gregory Michael Maruca <i>Law Enforcement</i>	Wyoming, Pa.
~ Joseph Heaton Copeland <i>Industrial Security</i>	Negaunee	~ * Joseph Patrick Parlon, Jr. <i>Law Enforcement</i>	Washington, D. C.
~ Robert Power Dove <i>Law Enforcement</i>	Hyattsville, Md.	~ Ervin John Paulin, Jr. <i>Correctional Administration</i>	Escanaba
~ Nancy Rae Eggen <i>Prevention and Control of Delinquency and Crime</i>	Detroit	~ * James D. Plichta <i>Law Enforcement</i>	West Allis, Wis.
Francis Cyril Gorman <i>Law Enforcement</i>	Chicago, Ill.	~ Frederick Barton Shoemaker <i>Landscape Architecture</i>	Jackson
~ Charles Albert Handley <i>Correctional Administration</i>	Danville, Ill.	~ Edward Francis Stanford <i>Law Enforcement</i>	Wallingford, Conn.
~ R. King Harvey <i>Landscape Architecture</i>	Kalamazoo	~ * Francis John Vargofcak <i>Law Enforcement</i>	Petoskey
~ William Townsend Keers <i>Urban Planning</i>	Suffern, N. Y.	~ Lee William Waldron <i>Law Enforcement</i>	Sheridan
~ Arthur M. Kroeger <i>Law Enforcement</i>	Northville	~ Walter D. Weiss <i>Highway Traffic Administration</i>	Saginaw
~ * Diana Gail Leipprandt <i>Landscape Architecture</i>	Grand Rapids	~ Duane Arnold William Wickman <i>Law Enforcement</i>	Kingsford
		~ * John Aloysius Zipple <i>Law Enforcement</i>	Lansing

\*With Honor

**COLLEGE OF BUSINESS AND PUBLIC SERVICE**  
**DEGREE OF MASTER OF ARTS**

~ Herman Francis Baechle <i>Food Distribution</i>	Ste. Genevieve, Mo.	John Clark Moffett <i>General Business Administration</i>	Kalamazoo
~ Peter John Braschoss, Jr. <i>Food Distribution</i>	Yonkers, N. Y.	~ Dwain Elmer Morse <i>Marketing</i>	Flint
~ Ary Ribeiro de Carvalho <i>General Business Administration</i>	Sao Paulo, Brazil	~ John Edgar Peterson <i>Marketing</i>	Escanaba
~ Gerald Maurice Christopherson <i>General Business Administration</i>	Pontiac	~ Maria Isabel De Gudoy Ramos <i>General Business Administration</i>	Sao Paulo, Brazil
~ James Jackson Ford <i>Business Administration</i>	Sacramento, Cal.	~ Jesus P. Rasalan <i>Accounting</i>	Quezon City, Philippines
~ Marcia Anne Henry <i>Business Education</i>	Coldwater	~ Virginia A. Reid <i>Hotel, Restaurant and Institutional Management</i>	St. Paul, Minn.
~ Joãd Carlos Hopp <i>Accounting</i>	Piraju, Brazil	~ William Freeman Smith <i>Accounting</i>	Monroe
~ George Edward Johnson <i>Economics</i>	Buchanan	~ Richard Rowell Smith <i>General Business Administration</i>	Greenville
~ Luiz de Souza Leite Netto <i>General Business Administration</i>	Sao Paulo, Brazil	~ Harold William Tremain <i>Accounting</i>	Mt. Morris
John Benedict Lough, Jr. <i>Restaurant Management</i>	Denver, Col.	~ James Armond Underwood <i>Economics</i>	Midland
~ Richard Theodore Mahoney <i>Marketing</i>	Montague		

**DEGREE OF MASTER OF SCIENCE**

George Peter Caronis  
*Police Administrative and Public Safety* Columbia, O.

# COLLEGE OF EDUCATION

The candidates will be presented by DEAN CLIFFORD E. ERICKSON

## DEGREE OF BACHELOR OF ARTS ELEMENTARY EDUCATION

Luanne Renée Cooper	Saginaw	- Mary Joseph Niebauer	East Lansing
- Barbara Grace Crane	Detroit	- Martha Pendley	Niles
- Sara Ann Cunio	Escanaba	- Marijane Tomlinson Poirier	Detroit
- Richard Durwood Evans	Melvindale	- Cynthia Ann Robertson	Adrian
- Frederick Sherman Gable	Hazel Park	- Carla Mae Schaafsma	Grand Rapids
- Rosemary Harag	Charlotte	- Juliana Schultz	Ann Arbor
- *Constance Ann Hoffer	Chelsea	- Susan Catherine Schumacher	Detroit
- †Elaine Honens	St. Joseph	- Janice Elaine Shackelford	Saginaw
- Joanne Marie Keenan	Merrill	- Floyd Raymond Stowe	Lansing
- Jack Robert Keyes	Lansing	- Anna Lou Bottoms Swart	Caledonia
- Mary Hague Lawrence	Flushing	- Adrienne Ruth Tengelsen	Medford Station, N. Y.
- Sally Jean Lockhart	East Lansing	- Linda Jean Thompson	Lansing
- Carol Virginia Logan	St. Joseph	- Mary Ellen Wait	Pontiac
- Elna Irene Mattson	Eaton Rapids	- Nancy Gay Whitworth	Portland
- Janet Lee McKelvey	Detroit	- Victoria Elizabeth Wolf	Sault Ste. Marie

## DEGREE OF BACHELOR OF SCIENCE

- Charles Edward Britton <i>Industrial Arts</i>	Dearborn	- Thomas Arthur Moshimer <i>Physical Education</i>	Northville
- Glen B. Corp <i>Industrial Arts</i>	DeWitt	- James Ninowski, Jr. <i>Physical Education</i>	Detroit
- Lyle Delbert Davis <i>Industrial Arts</i>	Niles	- Frederick William Rademacher, Jr. <i>Physical Education</i>	Lansing
Wayne A. Dick <i>Industrial Arts</i>	Grand Ledge	- Andrew John Sielski <i>Physical Education</i>	Wyandotte
- Normal Louis Dill <i>Industrial Arts</i>	Warren	- William Arnold Spetz <i>Physical Education</i>	Ironwood
- Helen Beattie Kirkland <i>Physical Education</i>	Troy, N. Y.	- Jerry Volek <i>Physical Education</i>	Owosso
- John Louis Middleton <i>Physical Education</i>	Duluth, Minn.		

\*With Honor  
†With High Honor

**COLLEGE OF EDUCATION**  
**DEGREE OF MASTER OF ARTS**

Jane Garner Baker	Durand	Woneta Henry	East Lansing
<i>Educational Administration and Supervision</i>		<i>Elementary Classroom Teaching</i>	
Lois Utterbach Beal	Stanton	Wilbur Clarence Herbst	Howell
<i>Teacher Education</i>		<i>Special Education</i>	
Raynor Newton Beech	Jackson	Joan Huff	Huntington, N. Y.
<i>Guidance and Counselor Training</i>		<i>Physical Education</i>	
Arthur Paul Bergman	Pigeon	George Leo Jacobs	Tonawanda, N. Y.
<i>Agricultural Education</i>		<i>Guidance and Counselor Training</i>	
Clark Herman Bullen	Mason	Carl Victor Jacobson, Jr.	Flint
<i>Vocational and Practical Arts Education</i>		<i>Guidance and Counselor Training</i>	
John Robert Campsie	Traverse City	Charles Albert Jan Kowske	Clio
<i>Driver Education</i>		<i>Guidance and Counselor Training</i>	
Wesley Redfield Caswell	Corunna	Charles Francis Joblonski	Lansing
<i>Guidance and Counselor Training</i>		<i>Physical Education</i>	
Joyce Margaret Gallagher Cody	Essexville	Edward Clarence John	Alpena
<i>Foundations of Education</i>		<i>Guidance and Counselor Training</i>	
Lucille Menz Corkrey	Okemos	Richard Theodore Keist	Fenton
<i>Foundations of Education</i>		<i>Guidance and Counselor Training</i>	
Persis Annabel Cortright	Laingsburg	May Koo	Kowloon, Hong Kong
<i>Elementary Classroom Teaching</i>		<i>Foundations of Education</i>	
F. William Cowley	Lake Orion	Laverne Lampen	Lowell
<i>Educational Administration and Supervision</i>		<i>Educational Administration and Supervision</i>	
Arvella Lveen Curtis	Coldwater	John William Lavery	Geneseo, N. Y.
<i>Home Economics Education</i>		<i>Guidance and Counselor Training</i>	
Suzanne Strable Davis	Saginaw	Charles Murray Leeds, Jr.	Red Bank, N. J.
<i>Guidance and Counselor Training</i>		<i>Guidance and Counselor Training</i>	
John DeWaard	Grand Rapids	Blaine Cornelius Lentz	Elsie
<i>Educational Administration and Supervision</i>		<i>Agricultural Education</i>	
Mary Ann Daugherty Eichmeier	Lansing	Donald Duane Little	Lansing
<i>Guidance and Counselor Training</i>		<i>Educational Administration and Supervision</i>	
George Junior Fleming	Shelby	Reginald Harold McDonald	Battle Creek
<i>Secondary Classroom Teaching</i>		<i>Guidance and Counselor Training</i>	
Raymond Earl Fraser	Mt. Clemens	Keith Louis McTaggart	Bad Axe
<i>Educational Administration and Supervision</i>		<i>Agricultural Education</i>	
Lyle Howard Gustafson	Jonesville	Frederick Leroy Merriman	Adena, O.
<i>Educational Administration and Supervision</i>		<i>Guidance and Counselor Training</i>	
Robert Ellsworth Hamsher	Parsons, Kan.	Mardelle Norma Meyer	Palmer, Kan.
<i>Driver Education</i>		<i>Home Economics Education</i>	
Theodore Alfred Helgren	Royal Oak	Lester John Norton	Lansing
<i>Driver Education</i>		<i>Secondary Classroom Teaching</i>	



## DEGREE OF MASTER OF ARTS (Continued)

Robert Valentine Pettys <i>Guidance and Counselor Training</i>	Newton, Mass.	Howard Lester Thompson <i>Vocational and Practical Arts Education</i>	Pigeon
Archie Freeman Ross <i>Physical Education</i>	East Lansing	Douglas William Toms <i>Driver Education</i>	Mullett Lake
Nancy Grace Shirky <i>Guidance and Counselor Training</i>	Hickory Corners	Clifford Kenneth Van Sickle <i>Guidance and Counselor Training</i>	Grand Rapids
H. Mary Sikkema <i>Elementary Classroom Teaching</i>	Hudsonville	David Gatchell Waite <i>Guidance and Counselor Training</i>	Grand Rapids
Joseph Silva <i>Educational Administration and Supervision</i>	LaGrange, Ill.	Jack Frederick Waltz <i>Educational Administration and Supervision</i>	Grand Rapids
Harold A. Springsteen <i>Educational Administration and Supervision</i>	Sheridan	Henry Paul Wong <i>Driver Education</i>	Lincoln Park
Gerrit J. Ten Brink <i>Educational Administration and Supervision</i>	Muskegon	Marvin Albert Zuidema <i>Health, Physical Education and Recreation</i>	Hudsonville
Gordon Glenn Thomas <i>Special Education</i>	Lansing		

## COLLEGE OF COMMUNICATION ARTS

The candidates will be presented by DEAN GORDON A. SABINE

## DEGREE OF BACHELOR OF ARTS

Dennis Scott Alwood <i>Television-Radio-Film</i>	Oak Park, Ill.	Robert Leroy Ellsworth <i>Television-Radio-Film</i>	Davison
David Lee Bolton <i>Television-Radio-Film</i>	Racine, Wis.	Louis West Fisher <i>Journalism</i>	Cape May, N. J.
Dan A. Boone <i>Journalism</i>	Midland	Amy Anne Foley <i>Journalism</i>	Plainfield, Ind.
Gaylord Miller Creedon <i>Television-Radio-Film</i>	Marine City	Penelope Dorothy Gusse <i>Television-Radio-Film</i>	Kalamazoo
Kathleen Ann Davenport <i>Television-Radio-Film</i>	Battle Creek	*Nancy Jean Hartung <i>Speech</i>	Detroit
Joan Dobrosky <i>Television-Radio-Film</i>	Lorain, O.	John Dennis Hoffmann <i>Journalism</i>	Ann Arbor

\*With Honor

COLLEGE OF COMMUNICATION ARTS  
DEGREE OF BACHELOR OF ARTS (Continued)

~ Jerome Neil Jerzy <i>Journalism</i>	<i>Hamtramck</i>	~ Charles William Raison <i>Theatre</i>	<i>Trenton</i>
~ Thomas Richard Judge <i>Television-Radio-Film</i>	<i>Salem, O.</i>	~ Gerald Thomas Sosnowski <i>Journalism</i>	<i>Hamtramck</i>
*Nancy Ann Julien <i>General Communication Arts</i>	<i>University City, Mo.</i>	~ John Rushton Strongman <i>General Communication Arts</i>	<i>Dearborn</i>
~ Robert Glenn Kilzer, Jr. <i>Journalism</i>	<i>Cleveland Heights, O.</i>	~ Joseph Christy Walker, Jr. <i>Journalism</i>	<i>Pontiac</i>
~ Dale Earl LeBeau <i>Journalism</i>	<i>Midland</i>	~ Walter F. Wright <i>Journalism</i>	<i>Lansing</i>
~ Lawrence David Paulet <i>Journalism</i>	<i>Detroit</i>		

DEGREE OF MASTER OF ARTS

~ Monroe Edwin Carol <i>Television-Radio-Film</i>	<i>Newark, N. J.</i>	~ Elmer Edwin White <i>Journalism</i>	<i>Detroit</i>
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COLLEGE OF AGRICULTURE  
DEGREE OF BACHELOR OF SCIENCE

COLLEGE OF HOME ECONOMICS  
DEGREE OF BACHELOR OF SCIENCE

COLLEGE OF SCIENCE AND ARTS  
DEGREE OF BACHELOR OF ARTS

COLLEGE OF BUSINESS AND PUBLIC SERVICE  
DEGREE OF BACHELOR OF ARTS

DEGREE OF BACHELOR OF SCIENCE

**COLLEGE OF EDUCATION**  
**DEGREE OF BACHELOR OF ARTS**

**COLLEGE OF COMMUNICATION ARTS**  
**DEGREE OF BACHELOR OF ARTS**

\*With Honor  
†With High Honor

**SCHOOL  
FOR  
ADVANCED GRADUATE STUDIES**

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

**DEGREE OF DOCTOR OF PHILOSOPHY**

- ~ Mahmoud Omer Abdullah, *Mosul, Iraq*      B.S., M.S., Ohio State University.  
Chemical Engineering. *Major Professor:* C. F. Gurnham, Professor.  
*Thesis:* The Development of Calcium Carbonate-Iron Oxide Protective Coatings on Iron.
- ~ Maria Fe G. Atienza, *Rigal, Philippines*      B.S.E., National Teachers College, Philippines; M.S., University of Illinois.  
Home Economics Education. *Major Professor:* M. L. Hurt, Professor.  
*Thesis:* A Study of Practices in Home Economics Teacher Education in Selected Colleges and Universities of the United States and Their Implications for the Home Economics Teacher Education Program in the Philippines Women's University, Manila.
- ~ Albert P. Benson, *Niagara Falls, N. Y.*      B.A., Simpson College; M.S., Iowa State College.  
Plant Pathology. *Major Professor:* W. J. Hooker, Associate Professor.  
*Thesis:* Studies on the Nature of Resistance to Virus X in Potato (*Solanum tuberosum* L.).
- ~ Clarence Ralph Carter, *Panama, Okla.*      B.S., M.S., Oklahoma A. & M. College.  
Soil Science. *Major Professor:* H. D. Foth, Associate Professor.  
*Thesis:* The Effect of Nitrogen Fertilizer on the Yield and Protein Content of Alfalfa and Companion Crops.
- ~ Richard Eben Crocker, *Royal Oak*      B.S., University of Redlands.  
Chemistry. *Major Professor:* H. Hart, Professor.  
*Thesis:* A Quantitative Study of the Acidity of Certain Hydrocarbons.

## DEGREE OF DOCTOR OF PHILOSOPHY (Continued)

- Lawrence Richard Daniel, *Rushton, La.* B.S., Louisiana State University; M.S., Chrysler Institute of Engineering; B.S., Louisiana Polytechnic Institute.  
Mechanical Engineering. *Major Professor:* L. L. Otto, Professor.  
*Thesis:* Effect of Fuel-Impingement-Surface Temperature on Noise, Smoke, and Power of a Compression-Ignition Engine.
- John Rowland Davis, *Davis, Cal.* B.S., M.S., University of Minnesota.  
Agricultural Engineering. *Major Professor:* E. H. Kidder, Associate Professor.  
*Thesis:* Characteristics of Flow in Irrigation Furrows.
- Don C. Dinkmeyer, *Chicago, Ill.* B.S., Omaha University; M.A., Northwestern University.  
Guidance and Counselor Training. *Major Professor:* B. L. Steffire, Associate Professor.  
*Thesis:* A Study of Parent and Child Responses to Adlerian Child Guidance Counseling.
- Rene Evard, *Omaha, Neb.* B.A., Emmanuel Missionary College; M.S., Michigan State University.  
Chemistry. *Major Professor:* J. C. Speck, Jr., Assistant Professor.  
*Thesis:* An Investigation of Active Fragments and the Active Sites of Sweet Potato B-Amylase.
- Richard Dean Gibb, *Smithshire, Ill.* B.S., M.Ed., University of Illinois.  
Agricultural Economics. *Major Professor:* H. M. Riley, Associate Professor.  
*Thesis:* Economics of Scale in Michigan Livestock Auctions.
- William John Orsan Hardell, *St. Paul, Minn.* B.S., Northwestern University; M.S., Michigan State University.  
Mathematics. *Major Professor:* B. M. Stewart, Professor.  
*Thesis:* Left Associated Elements in a Linear Algebra.
- Eugene Wesley Hupp, *Norfolk, Neb.* B.S., M.S., University of Nebraska.  
Dairy. *Major Professor:* W. W. Snyder, Associate Professor.  
*Thesis:* Some Factors Associated with the Rate of Milk Flow in Dairy Cattle.

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

- Richard Lee Jacobs, *Perrysburg, O.* B.A., Bowling Green State University; M.S., Michigan State University.  
Chemistry. *Major Professor:* R. D. Schuetz, Associate Professor.  
*Thesis:* The Synthesis of Some Unsymmetrically Substituted Thiiranes and an Investigation of Their Reactions with Various Nucleophilic Reagents.
- Dean E. Knavel, *Windber, Pa.* B.S., Pennsylvania State University; M.A., University of Delaware.  
Horticulture. *Major Professor:* J. Clark Ballard, Associate Professor.  
*Thesis:* Part I. Beta and Gamma Radiation Studies in *Pisum Sativum*. Part II. The Inheritance of *Fusarium Root-Rot*, *Fusarium Solani Pisi*, Resistance in *Pisum Sativum*.
- Richard Henry Kropschot, *Litchfield* B.S., M.S., Michigan State University.  
Physics and Astronomy. *Major Professor:* F. J. Blatt, Associate Professor.  
*Thesis:* Thermoelectric Power of Dilute Copper Alloys.
- Margaret Frances Lorimer, *East Lansing* B.A., Park College; M.A., Northwestern University.  
Teacher Education. *Major Professor:* P. L. Dressel, Professor.  
*Thesis:* A Comparison of Responses Made to Selected Pieces of Literature by High Scorers and Low Scorers on the Inventory of Beliefs.
- Gerda Mootse, *East Lansing* Graduate in Pharmacy, Tartu University, Esthonia; M.S., Michigan State University.  
Chemistry. *Major Professor:* H. A. Lillevik, Associate Professor.  
*Thesis:* Studies on the Isolation, Purification and Characterization of Plasminogen from Human Plasma Fraction III.
- Frank Comstock Nall, *McAllen, Tex.* B.A., M.A., Michigan State University.  
Sociology and Anthropology. *Major Professor:* W. H. Form, Professor.  
*Thesis:* Role Expectation Patterns Among United States and Mexican High School Students: An Empirical Study of Some Applicabilities of the Social System Schema.

*Richard Allen Kurtz B.A. Soc & Anth*



## DEGREE OF DOCTOR OF PHILOSOPHY (Continued)

- Shantilal Chaturbhai Patel, *British East Africa* B.E., Gujarat University, India; M.S., Michigan State University.  
Civil Engineering. *Major Professor:* C. L. Shermer, Professor.  
*Thesis:* Flexural Elastic Characteristics of Cross-Shaped Structural Joints.
- Charles Wesley Pope, *Angie, La.* B.S., M.S., Louisiana State University.  
Poultry Science. *Major Professor:* P. J. Schaible, Professor.  
*Thesis:* The Effect of Nutrition Upon the Incidence of Blood Spots in Chicken Eggs.
- Jagat Pal Singh, *Kanpur, India* B.S., Balwant Rajput College, India; M.S., Allahabad University, India.  
Fisheries and Wildlife. *Major Professor:* P. I. Tack, Professor.  
*Thesis:* A Study of the Osteology of the American Smelt (*Osmerus Mordox*).
- Walter Otis Smith, *Phoenix, Ariz.* B.A., M.A., Arizona State Teachers College.  
Psychology. *Major Professor:* M. R. Denny, Professor.  
*Thesis:* Rotary Pursuit Performance in Reactive and Process Schizophrenia.
- James Larkin Stallings, *Poseyville, Ind.* B.S., M.S., Purdue University.  
Agricultural Economics. *Major Professor:* G. L. Johnson, Professor.  
*Thesis:* Indexes of the Influence of Weather on Agricultural Output.
- Betty Taylor, *Waukon, Ia.* B.S., Iowa State College; M.A., Teachers College, Columbia.  
Foods and Nutrition. *Major Professor:* E. M. Jones, Assistant Professor.  
*Thesis:* Comparative Study of Consecutive Cuts and Matched Cuts of the *Semitendinosus* and *Semimembranosus* Muscles of the Round of Beef.
- Simon Tsai-Li Tsang, *Hankow, China* B.S., University of Nanking, China; M.S., Utah Agricultural College.  
Poultry Science. *Major Professor:* P. J. Schaible, Professor.  
*Thesis:* The Value of Corn Fermentation Solubles in Poultry Nutrition.

**SCHOOL FOR ADVANCED GRADUATE STUDIES  
DEGREE OF DOCTOR OF EDUCATION**

- Ray Budde, *East Lansing* B.S., St. Louis University; M.S., University of Illinois.  
Educational Administration and Supervision. *Major Professor:*  
W. H. Roe, Associate Professor.  
*Thesis:* A Study of Permanence of Seventh, Eighth, and Ninth  
Grade Teachers in Michigan.
- Joseph Thomas Hudson, *Lansing* B.S., Alabama A. and M.; M.A., Michigan State University.  
Educational Administration and Supervision. *Major Professor:*  
K. T. Hereford, Associate Professor.  
*Thesis:* Orientation Programs in Selected School Districts and  
Their Relationship to the Preceptions of Beginning  
Teachers.
- Donald William Kilbourn, *Mt. Pleasant* B.A., M.A., Michigan State University.  
Guidance and Counselor Training. *Major Professor:* W. F.  
Johnson, Professor.  
*Thesis:* A Study of the Status and Roles of Head Residents  
in College and University Residence Halls for Women.

