

TUESDAY, DECEMBER TENTH

NINETEEN HUNDRED AND FIFTY-SEVEN

The
Fall
Commencement
of
Michigan
State
University

UNIVERSITY AUDITORIUM • EAST LANSING

The
Fall
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

PROCESSIONAL

LA REINE DE SABA *Gounod*
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 WILSON M. TENNANT
East Lansing Methodist Church

ADDRESS:

THE REVEREND ROBERT D. SWANSON, D.D.
President, Alma College

CONFERRING OF DEGREES

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

ALMA MATER *Traynor*

M. S. U. we love thy shadows	When from these scenes we wander
When twilight silence falls,	And twilight shadows fade,
Flushing deep and softly paling,	Our mem'ry still will linger
O'er ivy covered halls.	Where light and shadows played.
Beneath the pines we'll gather	In the evening oft we'll gather
To give our faith so true,	And pledge our faith anew,
Sing our love for Alma Mater	Sing our love for Alma Mater
And thy praises, M. S. U.	And thy praises, M. S. U.

BENEDICTION

THE REVEREND MR. TENNANT

RECESSIONAL

TRIUMPHAL MARCH FROM "AIDA" *Verdi*

*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 FOREST H. AKERS.....	<i>Detroit</i>
THE HONORABLE FREDERICK H. MUELLER.....	<i>Grand Rapids</i>
THE HONORABLE CLARK L. BRODY, <i>Chairman</i>	<i>Lansing</i>
THE HONORABLE ARTHUR K. ROUSE.....	<i>Boyne City</i>
THE HONORABLE C. ALLEN HARLAN.....	<i>Detroit</i>
THE HONORABLE CONNOR D. SMITH.....	<i>Pinconning</i>



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

MICHIGAN STATE UNIVERSITY

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

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

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

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

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

Today, more than 20,000 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 generations 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

*Jean Ann Barrera <i>Animal Husbandry</i>	<i>Frenchtown, N. J.</i>	Lyndon William Kannenberg <i>Soil Science</i>	<i>Chicago, Ill.</i>
Edward Benson <i>Forestry</i>	<i>Edina, Liberia</i>	Toivo Kauma <i>Forestry</i>	<i>Chassell</i>
James Stanford Borland <i>Agricultural Economics</i>	<i>Hope</i>	Harold Raymond Kemp <i>Pomology</i>	<i>Hartford</i>
Robert Forrest Brown <i>Farm Crops</i>	<i>Howell</i>	Dean Arnold Leverenz <i>Agricultural Mechanics</i>	<i>Richmond</i>
David Harris Chorman <i>Forestry</i>	<i>Cleveland, O.</i>	*Hugh Elvin Lockhart <i>Packaging Technology</i>	<i>Northville</i>
S. Robert DeMaggio <i>Packaging Technology</i>	<i>Mt. Clemens</i>	Paul Martin <i>Fisheries and Wildlife</i>	<i>Windber, Pa.</i>
Philip R. Dingeldey <i>Agricultural Extension</i>	<i>Plymouth</i>	Morley John Marvin <i>Packaging Technology</i>	<i>Royal Oak</i>
James David Dunn <i>Residential Building</i>	<i>Saginaw</i>	Thomas Graham Meikle <i>Forestry</i>	<i>Grosse Pointe Farms</i>
Ronald William Finkbeiner <i>Residential Building</i>	<i>Saline</i>	Paul H. Morehouse <i>Forestry</i>	<i>Kingsley</i>
Ross Stanley Green <i>Dairy Manufacturing</i>	<i>Montreal, Canada</i>	David Lee Niedzielski <i>Residential Building</i>	<i>Harrietta</i>
Richard Arol Greensides <i>Lumber and Building Material Merchandising</i>	<i>Constantine</i>	William Theodore Patrick <i>Packaging Technology</i>	<i>Dearborn</i>
Daniel Clarence Harrington <i>Forestry</i>	<i>Ishpeming</i>	*John Charles Peters <i>Fisheries and Wildlife</i>	<i>Detroit</i>
Brian K. Harrison <i>Animal Husbandry</i>	<i>Wheatland, Wyo.</i>	William Henry Richards, Jr. <i>Fisheries and Wildlife</i>	<i>Ironwood</i>
William Van Hodge <i>Food Technology</i>	<i>Lapeer</i>	Lucio Galindo Rodriguez <i>Poultry Husbandry</i>	<i>Honda, Columbia</i>
Fred Allen Holcomb <i>Packaging Technology</i>	<i>Eaton Rapids</i>	Robert William Scheuerman <i>Agricultural Extension</i>	<i>Detroit</i>
Robert Thomas Jones <i>Residential Building</i>	<i>South Haven</i>	Edward John Schroeder, Jr. <i>Residential Building</i>	<i>Toledo, O.</i>
Kenneth Lloyd Josey <i>Agricultural Mechanics</i>	<i>Lachine</i>	Frederick Julius Schultz <i>Packaging Technology</i>	<i>Detroit</i>

*With Honor

COLLEGE OF AGRICULTURE

DEGREE OF BACHELOR OF SCIENCE (Continued)

*Francis Paul Stout <i>Animal Husbandry</i>	<i>Ionia</i>	Wendell Clark Vincent <i>Packaging Technology</i>	<i>Centreville</i>
Bruce Edward Taber <i>Floriculture Merchandising</i>	<i>Lansing</i>	Hermann Otto Warth <i>Forestry</i>	<i>Westwood, N. J.</i>
John Kwan-Iu To <i>Residential Building</i>	<i>Hong Kong, China</i>	Donald LeRoy Whitaker <i>Farm Crops</i>	<i>Elsie</i>

DEGREE OF BACHELOR OF SCIENCE

RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Charles Martin Crabill <i>Agricultural Education</i>	<i>Bronson</i>	Richard Vernon Jones <i>Agricultural Education</i>	<i>Grand Ledge</i>
Robert Dwight Foster <i>Agricultural Education</i>	<i>Hartford</i>	Ralph William Raymer <i>Agricultural Education</i>	<i>Battle Creek</i>
William Earl Gleason <i>Agricultural Education</i>	<i>Williamsburg</i>	William Edwin Theisen <i>Agricultural Education</i>	<i>Detroit</i>
Gilbert Dudley Henderson <i>Agricultural Education</i>	<i>Lapeer</i>	Frederick O. Timm <i>Agricultural Education</i>	<i>Bay City</i>

DEGREE OF MASTER OF SCIENCE

Alfreda Abell <i>Agricultural Economics</i>	<i>East Lansing</i>	Eber W. Eldridge <i>Agricultural Economics</i>	<i>Ames, Ia.</i>
Victor Clement Beal, Jr. <i>Dairy</i>	<i>Stanton</i>	James Roger Feucht <i>Horticulture</i>	<i>Wheat Ridge, Colo.</i>
Raymond Borton <i>Agricultural Economics</i>	<i>East Lansing</i>	Michel Albert Gervais <i>Agricultural Economics</i>	<i>St. Claude de Diray, France</i>
Marjorie Delaine Boyts <i>Agricultural Economics</i>	<i>Sioux City, Ia.</i>	Bruce Michael Gordon <i>Forest Products</i>	<i>Stow, O.</i>
Norwin William Braun <i>Animal Husbandry</i>	<i>Chesaning</i>	Ralph Russell Jones <i>Agricultural Extension</i>	<i>Auburn, Ala.</i>
Yves Chartier <i>Agricultural Engineering</i>	<i>Quebec, Canada</i>	James Glynn Karas <i>Horticulture</i>	<i>Westchester, Ill.</i>
Lloyd Edward Christie <i>Dairy</i>	<i>Rantoul, Kan.</i>	Fenton E. Larsen <i>Horticulture</i>	<i>Preston, Id.</i>
Byron Earle Colby <i>Agricultural Extension</i>	<i>Amherst, Mass.</i>	James Reginald Lonsway <i>Horticulture</i>	<i>Dundalk, Canada</i>
James Harold Cothorn <i>Agricultural Economics</i>	<i>Castle Ford, Id.</i>	Robert Hoover Miller <i>Dairy</i>	<i>Mt. Ulla, N. C.</i>
Robert Dean Curtis <i>Fisheries and Wildlife</i>	<i>East Lansing</i>	Jose Antonio Mora <i>Soil Science</i>	<i>Managua, Nicaragua</i>
Edward Ray Dowdy <i>Soil Science</i>	<i>Union, W. Va.</i>	Stanley M. Newman <i>Animal Husbandry</i>	<i>Jersey City, N. J.</i>

*With Honor

DEGREE OF MASTER OF SCIENCE (Continued)

Harold William Nuttall <i>Forest Products</i>	<i>Wyandotte</i>	Robert Wayne Seerley <i>Animal Husbandry</i>	<i>Indianapolis, Ind.</i>
John Francis Olmstead <i>Soil Science</i>	<i>Freeland</i>	William Carl Siegel <i>Forestry</i>	<i>Terrace Park, O.</i>
Edwin Dean Raven <i>Agricultural Extension</i>	<i>Scottville</i>	Abram Payne Snyder <i>Agricultural Extension</i>	<i>Ionia</i>
Guy Warren Rodgers <i>Forestry</i>	<i>Green Lake, Wis.</i>	James Iran Sprague, Jr. <i>Animal Husbandry</i>	<i>Gowen</i>
James Bergen Roof <i>Agricultural Economics</i>	<i>Teaneck, N. J.</i>	John Fred Stollsteimer <i>Agricultural Economics</i>	<i>Merrill</i>
Charles William Sapp <i>Dairy</i>	<i>Brookings, S. Dak.</i>	Dallas Gene Waddill <i>Animal Husbandry</i>	<i>Cash, Ark.</i>
Igor Vladimir Sarkissian <i>Farm Crops</i>	<i>Tehran, Iran</i>	H. Arthur Whang <i>Horticulture</i>	<i>Detroit</i>
Raymond Dale Schofield <i>Fisheries and Wildlife</i>	<i>Farwell</i>	Raymond George Young <i>Poultry Husbandry</i>	<i>Union, N. J.</i>

COLLEGE OF ENGINEERING

The candidates will be presented by DEAN JOHN D. RYDER

DEGREE OF BACHELOR OF SCIENCE

Leon R. Acre <i>Agricultural Engineering</i>	<i>Elsie</i>	Frank G. Lockhart <i>Mechanical Engineering</i>	<i>Royal Oak</i>
Douglas King Ahern <i>Mechanical Engineering</i>	<i>Rochester, N. Y.</i>	John Lewis Martin <i>Electrical Engineering</i>	<i>Stanton</i>
Richard Lee Blost <i>Electrical Engineering</i>	<i>Lansing</i>	Evan James Nelson <i>Metallurgical Engineering</i>	<i>Plymouth</i>
*Donald Leo Burns <i>Electrical Engineering</i>	<i>Manton</i>	Jarrold Morris Olsson <i>Electrical Engineering</i>	<i>Cadillac</i>
Yves Chartier <i>Agricultural Engineering</i>	<i>Quebec, Canada</i>	†Wayne Marvin Robertson <i>Metallurgical Engineering</i>	<i>Fremont</i>
Alan Longley Cornetet <i>Mechanical Engineering</i>	<i>Grand Rapids</i>	Gene Robert Rose <i>Agricultural Engineering</i>	<i>Buchanan</i>
Richard Leonard Diffenderfer <i>Civil Engineering</i>	<i>Jackson</i>	*John George Ruta <i>Mechanical Engineering</i>	<i>Auburn, N. Y.</i>
Edgar Kyes Exelby <i>Civil Engineering</i>	<i>Lansing</i>	Calvin Smith, Jr. <i>Agricultural Engineering</i>	<i>Portland</i>
Robert Edward Fredericks <i>Electrical Engineering</i>	<i>Tarrytown, N. Y.</i>	Boyd Allen Spencley <i>Electrical Engineering</i>	<i>Wolverine</i>
*Richard Ernest Grate <i>Mechanical Engineering</i>	<i>Hart</i>	Harry Lee Stevenson <i>Mechanical Engineering</i>	<i>Battle Creek</i>
John David Hausman <i>Mechanical Engineering</i>	<i>Buchanan</i>	Claridon Thomas <i>Mechanical Engineering</i>	<i>Marengo, O.</i>
Hassan Ali Ibrahim <i>Civil Engineering</i>	<i>Alexandria, Egypt</i>	Jerry Morris Titsworth <i>Electrical Engineering</i>	<i>Lapeer</i>
Donald LeRoy Judge <i>Mechanical Engineering</i>	<i>Lansing</i>	Boris William Zabrodsky <i>Metallurgical Engineering</i>	<i>Lansing</i>

DEGREE OF MASTER OF SCIENCE

Christopher David Couzens <i>Civil Engineering</i>	<i>Toronto, Canada</i>	John J. May <i>Chemical Engineering</i>	<i>Remus</i>
Julian Kateley, Jr. <i>Electrical Engineering</i>	<i>East Lansing</i>	Edward John Polk <i>Mechanical Engineering</i>	<i>Flint</i>
Carl Louis Langenberg <i>Metallurgical Engineering</i>	<i>Cadillac</i>	Erik Hugo Rucins <i>Mechanical Engineering</i>	<i>Lansing</i>

*With Honor
†With High Honor

COLLEGE OF HOME ECONOMICS

The candidates will be presented by DEAN THELMA E. PORTER

DEGREE OF BACHELOR OF SCIENCE

Dolores Martha Bartnick <i>Retailing</i>	Detroit	*Karen Paulson Hodge <i>Home Economics Journalism</i>	Evansville, Wis.
Rose Ann Blondell <i>Retailing</i>	Grosse Pointe	Barbara Ann Robertson <i>Home Furnishings</i>	Rochester
Marlene Margaret Christensen <i>General Related Arts</i>	Albuquerque, N. M.	Louisa Ann Stoll <i>Nutrition</i>	Royal Oak

DEGREE OF BACHELOR OF SCIENCE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

A. Lucille Boucher <i>Home Economics Teaching</i>	Dearborn	Elizabeth Armstrong Jones <i>Home Economics Teaching</i>	Hartland
Shirley Ann Curtis <i>Home Economics Teaching</i>	Dansville	†Kristin Kaestner <i>Home Economics Teaching</i>	Bridgeport, Conn.
Mary Wood Davidson <i>Home Economics Teaching</i>	Cass City	Patricia Ann Szymczyk <i>Home Economics Teaching</i>	Dearborn
Barbara Ann Hoy <i>Home Economics Teaching</i>	Highland Park	Karen Westling Welch <i>Home Economics Teaching</i>	Muskegon

DEGREE OF MASTER OF ARTS

Ragnhild Evju <i>Home Management</i>	Toinsberg, Norway
---	-------------------

DEGREE OF MASTER OF SCIENCE

Patricia Diane Cummisford <i>Nutrition</i>	Milwaukee, Wis.	Ingrid Irene Tervonen <i>General Home Economics</i>	Crystal Falls
Ruth Maas Dickey <i>Institution Administration</i>	Jackson	Hanna-Rose Zimmerman <i>Institution Administration</i>	Schooley's Mountain, N. J.
Edna Scott McArthur <i>Nutrition</i>	Grand Haven		

*With Honor
†With High Honor

**COLLEGE
OF
VETERINARY MEDICINE**

The candidates will be presented by DEAN WILLIS W. ARMISTEAD

DEGREE OF MASTER OF SCIENCE

E. John Larson <i>Veterinary Pathology</i>	Kalamazoo	Indra Pai Singh <i>Microbiology and Public Health</i>	Agra, India
Mark Phinney Rines <i>Surgery and Medicine</i>	Gorham, Me.		

**COLLEGE
OF
SCIENCE AND ARTS**

The candidates will be presented by DEAN MILTON E. MUELDER

DEGREE OF BACHELOR OF ARTS

Oscar Raoul Achabal <i>Art</i>	Cochabamba, Bolivia	*Craig Alfred Gilborn <i>English</i>	White Plains, N. Y.
William Richard Adams <i>Psychology</i>	Niles	Gael Elizabeth Greig <i>Art</i>	Franklin
Mark James Agnessi <i>Social Science Divisional</i>	Iron Mountain	†Mary Ellen Haggerty <i>Art</i>	Wyandotte
John Alfred Belton <i>Psychology</i>	Saginaw	Dean Ellsworth Haley <i>Social Science Divisional</i>	Flint
Richard Owen Black <i>History</i>	Grand Rapids	Robert Harry Harlow <i>Art</i>	Farmington
Ata Fuad El-Khalidi <i>Psychology</i>	Jerusalem, Jordan	Boris William Khoutieff <i>Psychology</i>	Long Island, N. Y.
Warren Guthrie Fulks <i>History</i>	Detroit	H. Thomas Kreitmeyer <i>Sociology</i>	Detroit
Thomas Dirk Gaastra <i>Social Science Divisional</i>	Grand Rapids	Tad Raymon Lane <i>Social Science Divisional</i>	Grand Rapids

*With Honor
†With High Honor

COLLEGE OF SCIENCE AND ARTS

DEGREE OF BACHELOR OF ARTS (Continued)

Arthur Mitts Lee <i>Social Science Divisional</i>	<i>Birmingham</i>	Joseph Anton Potchen, Jr. <i>History</i>	<i>Grand Rapids</i>
Graham Ellis Lewis <i>Art</i>	<i>Pontiac</i>	Steve Raz <i>Social Science Divisional</i>	<i>Lethbridge, Canada</i>
Edward Lewis Lezovich <i>Social Science Divisional</i>	<i>Morrice</i>	Edwin Rogers <i>Biological Science Divisional</i>	<i>Jackson</i>
Donald James Lindsay <i>History</i>	<i>Detroit</i>	David James Ross <i>Art</i>	<i>Fort Wayne, Ind.</i>
Harry Joseph Lux <i>Social Science Divisional</i>	<i>Chicago, Ill.</i>	Darrell Dean Rott <i>Social Science Divisional</i>	<i>Harvard, Ill.</i>
William Michael MacKay <i>Art</i>	<i>Walled Lake</i>	Thomas George Ruhala <i>Social Science Divisional</i>	<i>Flint</i>
Donald Dean McCallum <i>Social Science Divisional</i>	<i>Port Huron</i>	Harvey Martin Schultz <i>History</i>	<i>Muskegon Heights</i>
John Hood Millar <i>History</i>	<i>Sault Ste. Marie</i>	Joseph Edward Sheedy <i>Art</i>	<i>East Lansing</i>
Kliem Ralph Miller <i>Psychology</i>	<i>East Lansing</i>	Mary Elizabeth Shellaby <i>Music Therapy</i>	<i>Bay City</i>
*Richard Lester Miller <i>Social Science Divisional</i>	<i>Buchanan</i>	Meredith Reynolds Smith, Jr. <i>Psychology</i>	<i>Joplin, Mo.</i>
*Robert Gage Mills, Jr. <i>History</i>	<i>Lansing</i>	Marcella Helen Tallarico <i>History</i>	<i>Lansing</i>
Sharon Ann Muldoon <i>Art</i>	<i>Detroit</i>	Mark Herman Thelen <i>Psychology</i>	<i>Fowler</i>
Robert James Novotny <i>Mathematics</i>	<i>Wayne</i>	*Richard Warren Thompson <i>Psychology</i>	<i>Pontiac</i>
Charles Stanley Pehote <i>Art</i>	<i>Livonia</i>	William Edward Tulloh <i>Psychology</i>	<i>Bay City</i>
Joseph Stanley Polak <i>Art</i>	<i>Cicero, Ill.</i>	C. Allen White <i>Social Science Divisional</i>	<i>Saginaw</i>
Harold Gordon Porter, Jr. <i>History</i>	<i>Lansing</i>	Joan Ferrol Worthington <i>Art</i>	<i>Benton Harbor</i>

DEGREE OF BACHELOR OF ARTS

RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Patricia Ann Calvert <i>English</i>	<i>Lapeer</i>	Albert Emerson Coates <i>History</i>	<i>Detroit</i>
Burton Doyn Cardwell <i>Chemistry</i>	<i>Maywood, Ill.</i>	Ann A. Demery <i>Social Science Divisional</i>	<i>Detroit</i>
Ira Ernest Clark <i>Social Science Divisional</i>	<i>Colon</i>	Charlotte Irma Ebright <i>French</i>	<i>Lansing</i>

*With Honor

COLLEGE OF SCIENCE AND ARTS
DEGREE OF BACHELOR OF ARTS

RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION (Continued)

Nancy Ann Erickson <i>Social Science Divisional</i>	Curtis	*Charles Edwin Rorrer <i>English</i>	Roanoke, Va.
Lawrence Kearan Fitzpatrick <i>Social Science Divisional</i>	Owosso	Robert F. Rudd <i>Chemistry</i>	Marlette
A. Annette Griffith Ford <i>Art</i>	Lansing	Teddy Gene Sample <i>History</i>	Lansing
Barbara Meredith Grigg <i>Art</i>	Saginaw	Jerome Ronald Such <i>History</i>	Coloma
Kathleen Ann Keiser <i>Social Science Divisional</i>	Dearborn	Thomas VanRiper <i>History</i>	Buffalo, N. Y.
Joyce Dora Kennedy <i>Art</i>	Grand Rapids	Frederick Allen Voda <i>Social Science Divisional</i>	Rogers City
Jacqueline Ruth Lenk <i>English</i>	Marysville	†Anthony Zito <i>Social Science Divisional</i>	St. Clair Shores
*Jan Suzanne Perrin <i>English</i>	Standish		

DEGREE OF BACHELOR OF SCIENCE

John Daniel Andervont <i>Biological Science Divisional</i>	Bethesda, Md.	David Michael Kajzerkowski <i>Geology</i>	Alpena
Candace Ellen Becker <i>Mathematics</i>	Clarkston	†Ronald John Larsen <i>Mathematics</i>	Chicago, Ill.
Charles Alan Bowles <i>Microbiology and Public Health</i>	Lansing	Richard Duncan MacDonald <i>Geology</i>	St. Ignace
Robert George Carol <i>Mathematics</i>	Flint	*Mary Susan Marzke <i>Mathematics</i>	Lansing
George Nils Clausen <i>Geology</i>	Lynn, Mass.	Patricia Louise McClymont <i>Chemistry</i>	Lincoln Park
*Lucille Marie Conklin <i>Chemistry</i>	St. Johns	Charles George Pheil <i>Microbiology and Public Health</i>	Detroit
Karl Fischer <i>Biological Science Divisional</i>	Lansing	Levon Allen Prentice <i>Mathematics</i>	Lansing
Gilbert Roland Foster <i>Geology</i>	Lansing	Beatrice N. Rabin <i>Microbiology and Public Health</i>	Franklin, N. H.
Charles Emory Garlock <i>Geology</i>	Howell	William Elwood Rumbles <i>Physics and Astronomy</i>	Mason
Thomas Ronald Guerne <i>Mathematics</i>	Muskegon	Ronald L. Schlegel <i>Zoology</i>	DeWitt
*Robert Thomas Humbarger <i>Mathematics</i>	Harbor Beach	Marvin Ray Schram <i>Microbiology and Public Health</i>	Gladstone

*With Honor
†With High Honor

DEGREE OF BACHELOR OF SCIENCE (Continued)

*John Manning Schramek <i>Mathematics</i>	<i>Kalamazoo</i>	Margaret Virginia Whittenberg <i>Microbiology and Public Health</i>	<i>Coral Gables, Fla.</i>
†Alan Gregory Strelzoff <i>Physics and Astronomy</i>	<i>East Lansing</i>		

DEGREE OF BACHELOR OF SCIENCE
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Mearl Michael Czuhai <i>Physical Science Divisional</i>	<i>Grand Rapids</i>	Donald L. Vratanina <i>Mathematics</i>	<i>Charlevoix</i>
Kenneth Roy Stewart <i>Mathematics</i>	<i>Royal Oak</i>		

DEGREE OF BACHELOR OF MUSIC
RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Joanne Joyce Carver <i>School Music</i>	<i>Okemos</i>	William Gordon Johnson <i>School Music</i>	<i>Ludington</i>
William Gray Gardner <i>School Music</i>	<i>East Lansing</i>	Donald J. Milano <i>School Music</i>	<i>St. Charles</i>
Donald Russell Hoopingarner <i>School Music</i>	<i>Detroit</i>	Barbara Jean Reinhardt <i>School Music</i>	<i>Pontiac</i>
Douglas Rex Hoopingarner <i>School Music</i>	<i>Detroit</i>		

DEGREE OF MASTER OF ARTS

James Norman Allen <i>Psychology</i>	<i>Coleman</i>	Carl Lee Keen <i>History</i>	<i>Lansing</i>
R. Jerold Baum <i>English</i>	<i>Elkhart, Ind.</i>	Leonard Edwards Kesl <i>Art</i>	<i>Edwardsville, Ill.</i>
Richard Joseph Bonier <i>Psychology</i>	<i>Watertown, Mass.</i>	Paul B. Koons, Jr. <i>Psychology</i>	<i>Baltimore, Md.</i>
Edwin Smith Earl <i>History</i>	<i>East Lansing</i>	Roberta Greenall Koons <i>Psychology</i>	<i>Baltimore, Md.</i>
Laura Louise Edwards <i>Art</i>	<i>Edinburg, Tex.</i>	John William Perrin <i>History</i>	<i>Standish</i>
Lee Francis Forrest <i>Art</i>	<i>Clio</i>	Warren Louis Sauer <i>Sociology</i>	<i>Detroit</i>
Mina Mabel Forsyth <i>Art</i>	<i>Cornduff, Canada</i>	Russell Evert Schulz <i>Psychology</i>	<i>Dimondale</i>
Lloyd Daniel Hays <i>Philosophy</i>	<i>Flint</i>	Theodore S. Swanson <i>Psychology</i>	<i>Hendersonville, N. C.</i>
Ralph K. Holmberg <i>Sociology</i>	<i>Eau Claire, Wis.</i>	Clarence Murray Williams <i>Psychology</i>	<i>Lansing</i>
Reynold Richardson Jeltema <i>History</i>	<i>Grand Rapids</i>		

*With Honor
†With High Honor

COLLEGE OF SCIENCE AND ARTS
DEGREE OF MASTER OF SCIENCE

Theodore Edmund Anderson <i>Microbiology and Public Health</i>	<i>Newberry</i>	Robert Lewis Kaminskis <i>Geography</i>	<i>Melvindale</i>
Bruce Herbert Barnes <i>Mathematics</i>	<i>Rochester</i>	Donald Arne Kangas <i>Chemistry</i>	<i>Midland</i>
Dietrich Charles Bauer <i>Microbiology and Public Health</i>	<i>Elgin, Ill.</i>	Laura Jean Kateley <i>Chemistry</i>	<i>Saginaw</i>
Robert John Brigham <i>Geology</i>	<i>Union City</i>	Jack Eldon Klingbeil <i>Chemistry</i>	<i>Naperville, Ill.</i>
Gail Denise Brown <i>Chemistry</i>	<i>Centerline</i>	Frank James Kosier <i>Mathematics</i>	<i>Perry</i>
Ralph Robert Brown <i>Mathematics</i>	<i>Okemos</i>	Norman Raymond Laine <i>Chemistry</i>	<i>Worcester, Mass.</i>
Howard Milton Covington <i>Physics and Astronomy</i>	<i>Flint</i>	William Wright Lester <i>Physics and Astronomy</i>	<i>Carleton</i>
David Edward Dewey <i>Geology</i>	<i>Manhasset, N. Y.</i>	Don Raymond Lick <i>Mathematics</i>	<i>Attica</i>
Arleigh Russell Dodson <i>Chemistry</i>	<i>Detroit</i>	Charles John Martin <i>Mathematics</i>	<i>Sloatsburg, N. Y.</i>
David Thomas Duncan <i>Biological Science</i>	<i>Gary, Ind.</i>	Robert Eugene McComb <i>Chemistry</i>	<i>Grand Ledge</i>
Okon Akpan Essiet <i>Zoology</i>	<i>Uyo, Nigeria</i>	Charles Alan McKee <i>Mathematics</i>	<i>Steubenville, O.</i>
Kenneth Harold Felch <i>Physiology</i>	<i>Rochester, N. Y.</i>	Richard Jerome McNeil <i>Zoology</i>	<i>Lansing</i>
Lawrence LaRoy Fleck <i>Chemistry</i>	<i>Scotts</i>	Charles G. Mead <i>Zoology</i>	<i>Duluth, Minn.</i>
Robert Eugene Goodrich <i>Geology</i>	<i>Jackson</i>	Frederick Miller Mong <i>Chemistry</i>	<i>Franklin, Pa.</i>
Dean Lawrence Haynes <i>Entomology</i>	<i>New Baltimore</i>	Ilse Lourdes Munyon <i>Zoology</i>	<i>Caracas, Venezuela</i>
John H. Hefner <i>Geology</i>	<i>Oxford, O.</i>	Gretajo Northrop <i>Physiology</i>	<i>Corvallis, Ore.</i>
Lenore Ho <i>Chemistry</i>	<i>Hong Kong, China</i>	John Joseph Panes <i>Microbiology and Public Health</i>	<i>Rudgeway Nr. Bristol, Glos., U.K.</i>
Rudolph Karl Hogberg <i>Geology</i>	<i>Ironwood</i>	James Evans Parker <i>Physics and Astronomy</i>	<i>Memphis, Tenn.</i>
Thomas Bruce Irvine <i>Plant Pathology</i>	<i>Detroit</i>	Arthur Leroy Plumley <i>Chemistry</i>	<i>Indianapolis, Ind.</i>
Kenneth George Johnson <i>Geology</i>	<i>Watervliet</i>	Vernon Charles Rawls, Jr. <i>Geology</i>	<i>Arlington, Va.</i>

DEGREE OF MASTER OF SCIENCE (Continued)

Roy Meneley Ross, Jr. <i>Geology</i>	<i>Mattoon, Ill.</i>	Kei-Han You <i>Chemistry</i>	<i>Seoul, Korea</i>
Gordon Russel Smale <i>Geology</i>	<i>Skokia, Ill.</i>	George Mardlin Young <i>Botany</i>	<i>Montrose</i>
Ben Clifford Trethewey <i>Geology</i>	<i>Ironwood</i>		

DEGREE OF MASTER OF MUSIC

Hertha Marie Horinga <i>Music</i>	<i>Kalamazoo</i>	Ted LeRoy Thompson <i>Music</i>	<i>Freesoil</i>
Sally Irene Story <i>School Music</i>	<i>Grand Rapids</i>		

**COLLEGE
OF
BUSINESS AND PUBLIC SERVICE**

The candidates will be presented by DEAN ALFRED L. SEELYE

DEGREE OF BACHELOR OF ARTS

Richard Leonard Alcenius <i>General Business</i>	<i>Lansing</i>	Bert Behrendt <i>Institutional Management</i>	<i>North Hollywood, Cal.</i>
George Richard Ambrose <i>Accounting</i>	<i>Detroit</i>	William Carl Belling <i>General Business</i>	<i>Battle Creek</i>
Alfred Thomas Aratari <i>Restaurant Management</i>	<i>Detroit</i>	Lorain Ferdinand Berg <i>Restaurant Management</i>	<i>Unionville</i>
William F. Balch <i>Accounting</i>	<i>Edmore</i>	Melvin Lewis Bloomfield <i>Economics</i>	<i>Brooklyn, N. Y.</i>
Bobby J. Ballard <i>Accounting</i>	<i>Paragould, Ark.</i>	Arthur Eliot Blum <i>Restaurant Management</i>	<i>Cleveland, O.</i>
Robert Joseph Barrett, Jr. <i>General Business</i>	<i>Grosse Pointe</i>	Richard Walter Bock <i>General Business</i>	<i>Caldwell, N. J.</i>
Ned Stevenson Bearden <i>Economics</i>	<i>Birmingham</i>	Thomas N. Boyer <i>Economics</i>	<i>Royal Oak</i>
Raymond C. Becker <i>General Business</i>	<i>Saginaw</i>	Robert Earl Brown <i>General Business</i>	<i>Lansing</i>

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

Tor Arne Brunvand <i>General Business</i>	Lansing	†David Lloyd Flory <i>Accounting</i>	Lansing
William Warren Burt <i>Accounting</i>	East Lansing	Richard Weeks Foster <i>General Business</i>	Richmond
Harold Dale Bussler <i>Accounting</i>	Dowagiac	Rex Allen Fraser <i>General Business</i>	Boise, Id.
David Roy Carlson <i>General Business</i>	Midland	Harry Freeman <i>Economics</i>	Mason
Norma Lynn Carlton <i>Economics</i>	Ann Arbor	Daniel Robert Gallagher <i>Food Distribution</i>	Parkersburg, W. Va.
Leonard Hofer Chevalier <i>General Business</i>	Mt. Clemens	*Charles Edward Gamester <i>Economics</i>	Pontiac
Forrest Lynn Colburn <i>General Business</i>	Midland	*Kenneth Roy Gardner <i>Accounting</i>	Calumet
Robert George Cooper <i>General Business</i>	Flint	Jeremiah Francis Gendron <i>General Business</i>	Ironwood
Chandler Vincent Copps II <i>Food Distribution</i>	Stevens Point, Wis.	George Otis Haggard, Jr. <i>General Business</i>	Charlevoix
Norman Harry Czich <i>General Business</i>	Lansing	Marjorie McBride Hall <i>Restaurant Management</i>	Kalamazoo
Horace D'Angelo, Jr. <i>General Business</i>	Birmingham	Albert Joseph Hardwick <i>Economics</i>	Philadelphia Pa.
*Edward Dale Day <i>General Business</i>	Jackson	Ronald Charles Hempstead <i>General Business</i>	Lansing
Norman Edward Dolbee <i>Accounting</i>	Mason	*Donavan Gerald Hewitt <i>General Business</i>	Ironwood
Elwood Lee Dorr <i>Economics</i>	Alpena	Mason Irving Himelhoch <i>Hotel Management</i>	Flint
Roy Edwin Elliott <i>Economics</i>	Flushing	Paul Harvey Hocheiser <i>Hotel Management</i>	Brooklyn, N. Y.
Marvin James Elzingh, Jr. <i>General Business</i>	Ellsworth	Avon Gayle Hoffmeyer <i>Social Work</i>	Flint
David Earl Erickson <i>Economics</i>	Grand Rapids	Richard Lester Houghton <i>Economics</i>	Farmington
Leonard Lyle Farr <i>Food Distribution</i>	Perry	Richard David Hughes <i>General Business</i>	Iron Mountain
Bruno Feige <i>General Business</i>	Benton Harbor	Frederick Dean Hull <i>Accounting</i>	Lansing
*Richard Alois Filipp <i>Accounting</i>	Inkster	David Paul John <i>Economics</i>	Pleasant Ridge

*With Honor
 †With High Honor

COLLEGE OF BUSINESS AND PUBLIC SERVICE

DEGREE OF BACHELOR OF ARTS (Continued)

Lynn Gregg Johnson <i>Restaurant Management</i>	<i>Cadillac</i>	Dean Robert McConkey <i>General Business</i>	<i>Durand</i>
Donald John Karp <i>Accounting</i>	<i>Jackson</i>	Robert Dennis McConnell <i>Economics</i>	<i>Toledo, O.</i>
Frederick James Keller <i>General Business</i>	<i>Clawson</i>	William A. McCoy <i>Economics</i>	<i>London, Canada</i>
Neil Arthur Kennedy <i>General Business</i>	<i>Detroit</i>	Kenneth Russell McDaid <i>Accounting</i>	<i>Lansing</i>
Albert Gwynn King <i>Economics</i>	<i>Huntington, W. Va.</i>	Mark Thomas McGrath <i>General Business</i>	<i>Philadelphia, Pa.</i>
Robin Josef Kolkoski <i>Economics</i>	<i>Phoenix, Ariz.</i>	Richard Dean McWilliams <i>General Business</i>	<i>Roscommon</i>
Frederick Niles Kuhn <i>General Business</i>	<i>Pontiac</i>	Jack Leonard Merrick <i>Accounting</i>	<i>Detroit</i>
Robert Joseph L'Huillier <i>Institutional Management</i>	<i>Sault Ste. Marie</i>	Donald Robert Miller <i>Economics</i>	<i>South Orange, N. J.</i>
Royal Ballantine Lambrix <i>Accounting</i>	<i>Shelby</i>	Roger Alan Miller <i>Hotel Administration</i>	<i>Birmingham</i>
John Ralph Lambrosa <i>Economics</i>	<i>Mt. Vernon, N. Y.</i>	Victoria Rose Mitchell <i>Social Work</i>	<i>Grand Rapids</i>
Bernie Lee Lattner <i>Economics</i>	<i>Huntington Woods</i>	James Edward Morrow <i>General Business</i>	<i>Dowagiac</i>
Melbourne Wayne Laug <i>General Business</i>	<i>Coopersville</i>	*Lorin Eugene Mullins <i>Hotel Management</i>	<i>Ashland, Ky.</i>
†Robert Gene Lee <i>Accounting</i>	<i>Addison</i>	John Hugh Murdock <i>Institutional Management</i>	<i>Grosse Pointe Farms</i>
Robert Erwin Lehnhardt <i>General Business</i>	<i>Traverse City</i>	Howard Arnold Murray <i>Economics</i>	<i>Birmingham</i>
Lawrence Carl Lindstrom, Jr. <i>Accounting</i>	<i>Iron River</i>	Thomas Roberts ODell <i>General Business</i>	<i>Bedford, Ind.</i>
Lowell Burton Lockett <i>Political Science</i>	<i>Montclair, N. J.</i>	Edward William Ostrander <i>Economics</i>	<i>Hamburg, N. Y.</i>
Jay Gerald Lunn <i>General Business</i>	<i>Armada</i>	Jack A. Page <i>General Business</i>	<i>Kalamazoo</i>
Roy Gates Maize <i>Business Administration</i>	<i>Detroit</i>	Michael Edward Palatas <i>Accounting</i>	<i>Duquesne, Pa.</i>
David Edward Marsh <i>Institutional Management</i>	<i>Grand Rapids</i>	Frank Murdock Parkinson <i>General Business</i>	<i>Quincy</i>
Thomas Satoru Matsusaka <i>Hotel Management</i>	<i>Wahiawa, Hawaii</i>	*William Hamilton Parks <i>General Business</i>	<i>South Bend, Ind.</i>

*With Honor
†With High Honor

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

*John Richard Plants <i>General Public Administration</i>	<i>Lansing</i>	Daniel Ernest Springer <i>Economics</i>	<i>Birmingham</i>
Charles Kenneth Pollard <i>General Business</i>	<i>Toledo, O.</i>	Robert Storz <i>Economics</i>	<i>Poughkeepsie, N. Y.</i>
James Everett Pollock <i>Hotel Management</i>	<i>Milwaukee, Wis.</i>	William Taggart Templeton <i>General Business</i>	<i>LaGrange, Ill.</i>
Harry Howard Pratt, Jr. <i>Economics</i>	<i>Chicago, Ill.</i>	George Emerson Thick II <i>Economics</i>	<i>Saginaw</i>
Wayne Randall Pray <i>Economics</i>	<i>Utica</i>	Richard Bruce Thomas <i>Restaurant Management</i>	<i>Niles</i>
Gustave A. Pschak <i>Accounting</i>	<i>Lincoln Park</i>	Robert Jess Tomlin <i>Economics</i>	<i>Alma</i>
Duane Harold Putzig <i>Economics</i>	<i>Dearborn</i>	Gary Lee Tyndale <i>General Business</i>	<i>Lansing</i>
†Robert Charles Raham <i>Accounting</i>	<i>Ypsilanti</i>	Bernard Patrick Wagner, Jr. <i>Economics</i>	<i>Flint</i>
Thomas Gordon Randall <i>Economics</i>	<i>Cadillac</i>	William McAlpine Walworth, Jr. <i>Economics</i>	<i>East Lansing</i>
*Alvin Rhynard <i>Accounting</i>	<i>St. Louis</i>	James Schaeffer Ware <i>General Business</i>	<i>Kalamazoo</i>
Robert Joseph Riggs <i>Economics</i>	<i>East Lansing</i>	Howard Waters, Jr. <i>Accounting</i>	<i>Battle Creek</i>
Harold John Russell <i>Economics</i>	<i>Grand Rapids</i>	Darrell Elwood Westfall <i>Hotel Management</i>	<i>Muskegon</i>
Stephen Michael Sajtar <i>Hotel Management</i>	<i>Battle Creek</i>	Alan Edward White <i>Hotel Management</i>	<i>Grand Ledge</i>
Daniel Philip Schafer <i>General Business</i>	<i>Pewamo</i>	Charles Edward Whitford <i>General Business</i>	<i>Algonac</i>
Karl Bennett Schlabach <i>Hotel Management</i>	<i>Benton Harbor</i>	Melvin Charles Wiedemann <i>General Business</i>	<i>Montague</i>
John Edwin Schutz <i>General Business</i>	<i>Arlington Hts., Ill.</i>	Samuel Edward Williams <i>General Business</i>	<i>Allegan</i>
*Earl Joseph Scott <i>General Public Administration</i>	<i>Iron River</i>	Donald Gary Willingham <i>Economics</i>	<i>Grosse Pointe</i>
Terry Lynwood Shultis <i>General Business</i>	<i>Mason</i>	David Keith Willson <i>Accounting</i>	<i>Olivet</i>
Richard Lee Smith <i>General Business</i>	<i>Memphis</i>	Keith Elmer Wortman <i>Food Distribution</i>	<i>Chicago, Ill.</i>

*With Honor
†With High Honor

COLLEGE OF BUSINESS AND PUBLIC SERVICE

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

Don Berger <i>Economics</i>	<i>Philadelphia, Pa.</i>	*Marcia Anne Henry <i>Business Education</i>	<i>Union City</i>
Sharon Ann Bray <i>Business Education</i>	<i>Lansing</i>	Donald Raymond Powell <i>Economics</i>	<i>Ferndale</i>
Alfred Paul Ciufetelli <i>Political Science</i>	<i>Anwil</i>	Helen Jane Starkey <i>Business Education</i>	<i>Toledo, O.</i>
Marian Lois Hamilton <i>Business Education</i>	<i>Albion</i>		

DEGREE OF BACHELOR OF SCIENCE

David Joseph Connolly <i>Police Administration</i>	<i>Champion</i>	Olof Evert Saline <i>Police Administration</i>	<i>Detroit</i>
*Robert Armstrong Dempsey <i>Police Administration</i>	<i>Glencoe, Ill.</i>	Charles Anton Schmauch <i>Police Administration</i>	<i>Ecorse</i>
Wade Henderson Flannery <i>Police Administration</i>	<i>Pelican Lake, Wis.</i>	Roger Lee Simmons <i>Police Administration</i>	<i>Grand Rapids</i>
George Raymond Halpin <i>Police Administration</i>	<i>Twin Falls, Id.</i>	Brice Edwin Smith <i>Police Administration</i>	<i>Bristol, Ind.</i>
Gordon E. Iacovoni <i>Police Administration</i>	<i>Lansing</i>	John Stasevich <i>Police Administration</i>	<i>Melvindale</i>
G. Larry Jones <i>Police Administration</i>	<i>Lansing</i>	Mike Stasevich <i>Police Administration</i>	<i>Melvindale</i>
Harry St. Clair Lindberg <i>Police Administration</i>	<i>Jackson</i>	Robert Andrew Till <i>Police Administration</i>	<i>Gardiner, Me.</i>
John Joseph Monville <i>Police Administration</i>	<i>St. Ignace</i>	Donald Gale Versluis <i>Police Administration</i>	<i>Grandville</i>
William Boyd Payne <i>Police Administration</i>	<i>Hastings</i>	Roger Clarence Warner <i>Police Administration</i>	<i>Saginaw</i>
*Roger Woods Reinke <i>Police Administration</i>	<i>Milwaukee, Wis.</i>	Richard Stanley Wojcik <i>Police Administration</i>	<i>Detroit</i>

DEGREE OF MASTER OF ARTS

Anita Dianne Adams <i>Hotel, Restaurant and Institutional Mgt.</i>	<i>Indianapolis, Ind.</i>	William Eustic Brunson, Jr. <i>Hotel, Restaurant and Institutional Mgt.</i>	<i>Berkeley, Cal.</i>
Reijo Gust Aho <i>Economics</i>	<i>Marquette</i>	Robert Paul Carle <i>Political Science</i>	<i>Carleton</i>
William Ferris Baker <i>Hotel, Restaurant and Institutional Mgt.</i>	<i>Woodlake, Cal.</i>	Ronald Wayne DeLong <i>Accounting</i>	<i>Muskegon Heights</i>
Thomas Patrick Barrett <i>Food Distribution</i>	<i>Lowell, Mass.</i>	Louis Edward Gordon <i>Hotel, Restaurant and Institutional Mgt.</i>	<i>Jackson</i>

*With Honor

COLLEGE OF BUSINESS AND PUBLIC SERVICE

DEGREE OF MASTER OF ARTS (Continued)

Edward William Handley <i>Accounting</i>	<i>Jackson</i>	Howard Burdette Middlewood, Jr. <i>General Business</i>	<i>Livonia</i>
John Edward Herring <i>Accounting</i>	<i>Fleetwood, Pa.</i>	Mark David Mulder <i>International Relations</i>	<i>Grandville</i>
James W. Hogan <i>General Business</i>	<i>Bay City</i>	Donald Ernest Partenfelder <i>General Business</i>	<i>Bay City</i>
Frank Boleslaus Krupiarz <i>Public Administration</i>	<i>Lansing</i>	Robert Arthur Sack <i>General Business</i>	<i>Lansing</i>
Arthur John Lamminen <i>General Business</i>	<i>Fremont, Ind.</i>	Raymond Charles Sittig <i>Public Administration</i>	<i>Three Oaks</i>
Henry Fabian Legere, Jr. <i>Political Science</i>	<i>Taunton, Mass.</i>	Norman Raymond Smith <i>Marketing</i>	<i>Calgary, Canada</i>
Carlos Jose Malferrari <i>General Business</i>	<i>Sao Paulo, Brazil</i>	William Jay VanDeVeer <i>Economics</i>	<i>Henry, Ill.</i>
Gene McCann <i>General Business</i>	<i>Cleveland, O.</i>	Gerald Orton Wilson <i>General Business</i>	<i>Kalamazoo</i>

DEGREE OF MASTER OF SOCIAL WORK

Donovan A. Dosey, Jr. <i>Social Work</i>	<i>Lansing</i>
---	----------------

**COLLEGE
OF
EDUCATION**

The candidates will be presented by DEAN CLIFFORD E. ERICKSON

DEGREE OF BACHELOR OF ARTS

Charlotte Lynne Bowles <i>Elementary Education</i>	<i>Grand Rapids</i>	Harriett Emily Crapser <i>Elementary Education</i>	<i>Jackson</i>
Katherin Janet Bullard <i>Elementary Education</i>	<i>Davison</i>	Barbara Kay Dickinson <i>Elementary Education</i>	<i>Grand Rapids</i>
Betty Lou Alice Carscallen <i>Elementary Education</i>	<i>West Branch</i>	Shirley Anne Edington <i>Elementary Education</i>	<i>Lansing</i>
Virginia Zinn Clark <i>Elementary Education</i>	<i>Battle Creek</i>	*Marilyn Ruth Goers <i>Elementary Education</i>	<i>Farmington</i>
Faith Eleanor Cook <i>Elementary Education</i>	<i>Niles</i>	Patricia Ann Gossett <i>Elementary Education</i>	<i>Saginaw</i>

*With Honor

DEGREE OF BACHELOR OF ARTS (Continued)

*Gilbert Allen Hansen <i>Elementary Education</i>	Lansing	*Marilyn Joan Mullen <i>Elementary Education</i>	Johrville, Ia.
*Woneta Henry <i>Elementary Education</i>	East Lansing	Karen Olofsson <i>Elementary Education</i>	Lansing
Ann Carol Jernigan <i>Elementary Education</i>	Jackson	Laurel Virginia Peterson <i>Elementary Education</i>	Kalamazoo
*Patricia Andree Kupcinet <i>Elementary Education</i>	Chicago, Ill.	Sylvia Ann Reuter <i>Elementary Education</i>	Grosse Pointe
Barbara Ethyl Lee <i>Elementary Education</i>	Detroit	Lauren Edwin Rowell <i>Elementary Education</i>	Owosso
Doris Emily Lickteig <i>Elementary Education</i>	Corunna	*Virginia Foster Saum <i>Elementary Education</i>	Wayne, Ill.
Donna Lenora MacKay <i>Elementary Education</i>	Grosse Pointe Farms	†Nancy Ann Sawicki <i>Elementary Education</i>	Wyandotte
Janice Mildred Marston <i>Elementary Education</i>	East Lansing	Barbara Smith Schantz <i>Elementary Education</i>	Caledonia
*Margaret Irene O'Neill Moon <i>Elementary Education</i>	Flint	Lorraine Leah Trepagnier <i>Elementary Education</i>	Detroit
Marilyn Celeste Moons <i>Elementary Education</i>	Detroit	*Carolyn Vanderslice <i>Elementary Education</i>	East Lansing

DEGREE OF BACHELOR OF SCIENCE

Garold James Brophy <i>Physical Education</i>	Williamston	Edward Hugh Kiliszewski <i>Physical Education</i>	Grand Rapids
John Henry Butler <i>Physical Education</i>	Grand Rapids	Jack Bert Koch <i>Physical Education</i>	Eaton Rapids
Patricia Ann Cothorn <i>Physical Education</i>	Payette, Id.	Vernon Linton <i>Physical Education</i>	Midland
Mary Young Gettel <i>Physical Education</i>	Saginaw	Francis Alan Luce <i>Physical Education</i>	Farwell
John Allen Gibson <i>Physical Education</i>	Pinconning	*Nancy Vee Morley <i>Physical Education</i>	Lansing
Clifton W. Helms <i>Physical Education</i>	Marne	Frank George Nauyokas <i>Physical Education</i>	Taylor Center
James Hinesly <i>Physical Education</i>	Detroit	Mary Anne O'Connor <i>Health Education</i>	Dearborn
Thomas John Howley <i>Industrial Arts</i>	Dowagiac	John Dale Ross <i>Physical Education</i>	Bessemer
Robert Francis Jemilo <i>Recreation</i>	Chicago, Ill.	Jack Bernard Samples <i>Physical Education</i>	Dearborn
Robert Gary Jewett <i>Physical Education</i>	Mason	James Frank Weeks <i>Physical Education</i>	Flint
*George J. Kern <i>Industrial Arts</i>	Martinez, Cal.		

*With Honor
†With High Honor

COLLEGE OF EDUCATION
DEGREE OF MASTER OF ARTS

Garrell Arthur Adler <i>Teacher Education</i>	<i>Benton Harbor</i>	Andrew Thomas Kelley <i>Physical Education</i>	<i>Detroit</i>
Robert Clayton Bester <i>Teacher Education</i>	<i>Flint</i>	James Robert Kok <i>Guidance and Counselor Training</i>	<i>Holland</i>
William Henry Boivin <i>Industrial Education</i>	<i>Saginaw</i>	Francisco T. Lagahit <i>Teacher Education</i>	<i>Musuan, Philippines</i>
Raymond Louis Brabo <i>Educational Administration</i>	<i>Barryton</i>	John Cassimer Leonard <i>Guidance and Counselor Training</i>	<i>Lansing</i>
Roger Dale Buxton <i>Teacher Education</i>	<i>Ionia</i>	Ross Bernard James Macnab <i>Health, Physical Education and Recreation</i>	<i>Montreal, Canada</i>
Edward George Caughill <i>Teacher Education</i>	<i>Port Huron</i>	Betty June McGowan <i>Home Economics Education</i>	<i>Millington</i>
George William Cooke <i>Education Psychology</i>	<i>Dansville</i>	Domenick Joseph Paradise <i>Teacher Education</i>	<i>Seneca Falls, N. Y.</i>
Ward John Creech <i>Administrative and Educational Services</i>	<i>Benzonia</i>	Donald Earl Pinkerton <i>Educational Administration</i>	<i>Saginaw</i>
Harriet Houliston Gaffney <i>Teacher Education</i>	<i>Romeo</i>	Johnnie Wilson Porter <i>Guidance and Counselor Training</i>	<i>Fort Wayne, Ind.</i>
John Lee Gundry <i>Educational Administration</i>	<i>Grand Blanc</i>	Ronald Keith Richmond <i>Teacher Education</i>	<i>Grand Ledge</i>
Nielsen Scott Hansen <i>Educational Administration</i>	<i>Holt</i>	Junedee Leverington Scarborough <i>Teacher Education</i>	<i>Lansing</i>
Beverly Jean Hunt <i>Educational Administration</i>	<i>Danville, Ill.</i>	Gail Meroe Schermerhorn <i>Teacher Education</i>	<i>Lansing</i>
John Jr. Jocham <i>Teacher Education</i>	<i>Almont</i>	Juan Palisoc Viray <i>Teacher Education</i>	<i>Lingayen, Philippines</i>
Krishna Kallianpur <i>Teacher Education</i>	<i>New Delhi, India</i>	Paul Sidney Wollam <i>Educational Administration</i>	<i>Jonesville</i>

**COLLEGE
OF
COMMUNICATION ARTS**

The candidates will be presented by **DEAN GORDON A. SABINE**

DEGREE OF BACHELOR OF ARTS

*Dennis Teel Avery <i>Journalism</i>	<i>Okemos</i>	Donald James Kramer <i>Radio and Television</i>	<i>Detroit</i>
*Emerson Waldo Boettcher <i>Advertising</i>	<i>Benton Harbor</i>	Kenneth A. MacLeod <i>Journalism</i>	<i>Sault Ste. Marie</i>
Gordon Findlay Dyer <i>Speech</i>	<i>St. Clair Shores</i>	Richard Lawrence Piasta <i>Advertising</i>	<i>Detroit</i>
George Earl Evans <i>Journalism</i>	<i>Lake City</i>	Dean Craig Rebold <i>Radio and Television</i>	<i>Wyandotte</i>
Robert Lloyd Heintz <i>Speech</i>	<i>Detroit</i>	Jerry Thomas Robbins <i>Journalism</i>	<i>Battle Creek</i>
Helen Virginia Hopely <i>Speech</i>	<i>Glen Ellyn, Ill.</i>	Larry F. Sherman <i>Rhetoric and Public Address</i>	<i>East Jordan</i>
Richard Kenneth Johnson <i>Speech</i>	<i>Muskegon Heights</i>	John Gee Wynn <i>Radio and Television</i>	<i>Adrian</i>
Thomas Leslie Jones <i>Speech</i>	<i>Detroit</i>		

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

*Grace Mitchell Blanding <i>Speech Correction</i>	<i>Battle Creek</i>	†William George Schaar, Jr. <i>Speech</i>	<i>DeWitt</i>
--	---------------------	--	---------------

DEGREE OF MASTER OF ARTS

Lee Conrad Frischknecht <i>Speech</i>	<i>Logan, Ut.</i>	J. Paxton Marshall <i>Journalism</i>	<i>East Lansing</i>
Ellen Margaret Harrington <i>Theatre</i>	<i>Detroit</i>	Andrew C. Orr <i>Journalism</i>	<i>East Lansing</i>
Douglas Christian Kelley <i>Journalism</i>	<i>Lansing</i>		

*With Honor
†With High Honor

**SCHOOL
FOR
ADVANCED GRADUATE STUDIES**

The candidates will be presented by **DEAN THOMAS H. OSGOOD**

DEGREE OF DOCTOR OF PHILOSOPHY

Rashid Ahmad Anwar, *Pakistan*

B.S., M.S., Punjab University
Chemistry. *Thesis:* Physical and Chemical Changes Produced
by Chymotryptic Proteolysis of Caseins.

Charles Louis Beer, *LaCenter, Minn.*

B.S., University of Minnesota; M.S., Michigan State University
Agricultural Economics. *Thesis:* The Affects of Acreage Con-
trols on Crop and Livestock Operations on Selected Michi-
gan Farms.

Ross Deline Brazee, *Clayton*

B.S., M.S., Michigan State University
Agricultural Engineering. *Thesis:* Some Basic Measurements
for Analysis of Electrostatic Dust Precipitation.

Raymond Joseph Elia, *Farrell, Pa.*

B.S., M.S., Duquesne University
Chemistry. *Thesis:* The Stereochemistry and Kinetics of the
Cleavage of—Phenylethyl Phenyl Ether by Avhydrous
Hydrogen Chloride.

Helen Marie Evans, *Chester, Ia.*

B.S., University of Minnesota; M.A., Columbia University
Teacher Education. *Thesis:* A Survey of the Citizens and Civic
Leaders of Selected Michigan Communities to Determine
Need, Interests, and Motives Related to Adult Education.

Charles Allen Fountain, *Hampton, Va.*

B.S., Hampton Institute; M.S., Michigan State University
Horticulture. *Thesis:* The Effect of Plant Regulators on the
Growth and Development of Selected Herbaceous Orna-
mentals.

Frank Benjamin Colley, *East Lansing*

B.S., Purdue University; M.S., Washington State College
Zoology. *Thesis:* The Energy Dynamics of an Old-field Food
Chain.

Kendall Scott Kinerson, *Troy, N. Y.*

B.S., University of New Hampshire; M.S., Rensselaer Poly-
technic Institute
Teacher Education. *Thesis:* A Study of the Academic and
Professional Preparation of Junior College Teachers of
Physical Science.

John Richard Kosak, *Wilmington, Del.*

B.S., M.S., University of Delaware
Chemistry. *Thesis:* I. The Mechanism of the Rearrangement
and Alkylation of Aromatic Amines. II. Further Studies
on the Stereochemistry of the Rearrangement and Cleavage
of Aryl-phenethyl Ethers.

DEGREE OF DOCTOR OF PHILOSOPHY (Continued)

- Robert Bernard Levinson, *New York, N. Y.* B.S.S., M.S., City College of New York
Psychology. *Thesis:* Gating: The Application of a Perceptual Theory to the Issue of Diagnosis in Psychotherapy.
- George Levitt, *Newburgh, N. Y.* B.S., M.S., Duquesne University
Chemistry. *Thesis:* The Acylation and Alkylation of Cyclopropanes with an Appendix on the Role of Styrene in the Racemization of (1-Chloroethyl) Benzene.
- Melvin Levitt, *South Haven* B.S., M.A., Roosevelt College
Psychology. *Thesis:* Some Parameters in Visual Apparent Abient Movement.
- John Jett McDow, *Covington, Tenn.* B.S., University of Tennessee; M.S., Michigan State University
Agricultural Engineering. *Thesis:* Factors Affecting the Design of a Solar Energy Storage Unit.
- Frederick William Millard, *New Milford, Pa.* B.S., Pennsylvania
Chemistry. *Thesis:* Some Aspects of the Chemistry of N-Bromoamides. Part I. An Investigation of the Homolysis of the Nitrogen Bromine Bond of Some N-Bromoamides. Part II. Observations on the Reactions of Some N-Bromoamides with Olefinic Compounds.
- Francis Murans, *Chicago, Ill.* B. Econ., University of Latvia; M.B.A., University of Detroit
Economics. *Thesis:* Reciprocal Trade Agreements Program 1945-1955.
- Manubhai Narshibhai Patel, *India* B.E., Gujarat University; M.S., Michigan State University
Civil Engineering. *Thesis:* Interaction of a Flat Slab with a Column.
- William P. Pielou, *East Lansing* B.S., M.S., University of Michigan
Zoology. *Thesis:* A Life-History Study of the Tufted Titmouse, *Parus Bicolor* Linnaeus.
- William Emmerette Rhode, *Benton Harbor* B.S., M.A., Michigan State University
Political Science. *Thesis:* Congressional Review of Administrative Decision-Making by Committee Clearance and Resolutions.
- Allyn Forest Roberts, *Marquette* B.A., Northern Michigan College; M.A., Northwestern University
Psychology. *Thesis:* Psychological Concomitants of Humor Responses to Cartoons.
- Robert Harry Schiffman, *Chicago, Ill.* B.S., M.S., University of Illinois
Physiology and Pharmacology. *Thesis:* Normal Values and Chromium Induced Changes in Blood Physiology of Rainbow Trout, *Salmo gairdnerii*.

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

- Jack Marshall Sheneman, *Grand Rapids* B.S., M.S., Michigan State University
Microbiology and Public Health. *Thesis*: Microbial Activity
in Maple Tree Tapholes and Its Relationship to Sap Yields.
- Lawrence William Specht, *Roscoe, N. Y.* B.S., Cornell University; M.S., Michigan State University
Dairy. *Thesis*: Rates of Improvement by Progeny Testing in
Dairy Herds of Various Sizes.
- Joseph-Alfred Stevens, *Cleveland, O.* B.S., University of Dayton; M.S., Michigan State University
Microbiology and Public Health. *Thesis*: Studies of the Envi-
ronmental Factors Influencing the *In Vitro* Growth of
Basidiomycetes and Elaboration of Biologically Active
Substances.
- Wesley Burton Sundquist, *Kindred, N. Dak.* B.S., North Dakota State College; M.S., University of Kentucky
Agricultural Economics. *Thesis*: An Economic Analysis of
Some Controlled Fertilizer Input-Output Experiments in
Michigan.
- Oscar Taboada, *Pontiac* B.S., Alma College; M.S., Michigan State University
Entomology. *Thesis*: The Leafhoppers of Michigan Excluding
the Subfamilies Athysaninae and Cicadellinae (Homoptera,
Cicadellidae).
- William J. Thomas, *Waco, Tex.* B.S., Southwest Missouri State College; M.S., Oklahoma A & M
College
Economics. *Thesis*: The Utilization of Revenue Bonds as a
Means of Financing Government in the United States.
- Betty M. Tinklepaugh, *Corunna* A.B., Central Michigan College; M.S., Michigan State Univer-
sity
Geology. *Thesis*: A Chemical, Statistical and Structural Analy-
sis of Secondary Dolomitization in the Rogers City-Dundee
Formation of the Central Michigan Basin.
- William Eben Townsend, *Island Falls, Me.* B.S., University of Maine; M.S., Michigan State University
Animal Husbandry. *Thesis*: Effect of Temperature Storage
Conditions and Light on Prepackaged Frozen Meat.
- Samuel Jesse Underwood, *Danville, Va.* B.A., M.Ed., University of North Carolina
Foundations of Education. *Thesis*: Selected Criticisms of Edu-
cation in the Atlantic Monthly 1900-1950.
- Lawrence Sinclair White, *Canada* B.S., University of Toronto; M.S., Michigan State University
Microbiology and Public Health. *Thesis*: The Incidence and
Enzymatic Activity of Molds Found in Indiana and Ohio
Tomatoes.

DEGREE OF DOCTOR OF PHILOSOPHY (Continued)

- Wells Eldon Williams, *Cadillac* B.S., M.S., Michigan State University
Fisheries and Wildlife. *Thesis*: Creel Returns of Catchable
Rainbow Trout (*Salmo gairdnerii*) and Brown Trout
(*Salmo trutta*) from Augusta Creek, Kalamazoo County,
Michigan, 1952-1956.
- Gerald Herman Wohlferd, *Grand Rapids* B.S., Ferris Institute; M.A., Michigan State University
Foundations of Education. *Thesis*: An Evaluation of the
Curtis Method in the Study of Growth Relationships.
- Willis Libert Wright, *Baton Rouge, La.* B.S., Alabama State Teachers College; M.A., New York Uni-
versity
Administrative and Educational Services. *Thesis*: An Analysis
of Doctoral Programs for Training Guidance and Personnel
Workers in Colleges and Universities in the North Central
Association.

DOCTOR OF EDUCATION

- Edward George Benoit, *Worcester, Mass.* B.S., Massachusetts State College; M.Ed., Boston University
Administrative and Educational Services. *Thesis*: A Study of
Japanese Education as Influenced by the Occupation.
- Cyril Duram Garrett, *Tampa, Fla.* B.A., John B. Stetson University; M.A., Michigan State Uni-
versity
Teacher Education. *Thesis*: A Study of the Inservice Improve-
ment Programs of Eight Liberal Arts Colleges.
- John Wayne Henderson, *Windber, Pa.* B.S., Juniata College; M.A., Michigan State University
Administrative and Educational Services. *Thesis*: A Follow-Up
of the Members of Greek Letter Fraternities at Michigan
State University.
- Wilma Warner, *LaHarpe, Ill.* B.Ed., Western Illinois State College; M.S., Iowa State College
Vocational Education. *Thesis*: Bases for Implementing a Local
Homemaking Education Program.

GRADUATES AS OF AUGUST 23, 1957

DEGREE OF DOCTOR OF PHILOSOPHY

- Paul Mack Bessey, *Madison, Wis.* B.S., M.S., University of Wisconsin
Horticulture. *Thesis*: Studies on the Occurrence, Measure-
ment, and Control of Bitterness in Carrots.
- Mack A. Breazeale, *Crossville, Tenn.* B.S., Berea College; M.S., Missouri School of Mines
Physics and Astronomy. *Thesis*: The Use of Light Refraction
for the Study of Progressive Ultrasonic Waves.

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

- William Marion Cave, *Monroe* B.S., Michigan State Normal College; M.A., University of Michigan
Teacher Education. *Thesis*: The Implications for a Graduate Training Program in the Preparation of Public School Adult Education Administrators Based on the Analysis of Administrative Practices of Directors in Selected Michigan Communities.
- Frederick Boyd Collins, *Arcadia, Cal.* B.S., Butler University; M.A., Ball State Teachers College
English. *Thesis*: The Neo-Classical Elements in the Mind and Art of Robert Burns.
- Bingham M. Cool, *Auburn, Ala.* B.S., Louisiana State University; M.S., Iowa State College
Forestry. *Thesis*: An Investigation of Some Techniques and Weather Factors as Affecting Maple Sap and Sugar Yields in a Central Michigan Woodlot.
- Francis Edward Hodgins, Jr., *Tolland, Conn.* A.B., University of Connecticut; M.A., University of Connecticut
English. *Thesis*: The Literary Emancipation of a Region: the Changing Image of the American West in Fiction.
- Hyde Spencer Jacobs, *Declo, Id.* B.S., M.S., University of Idaho
Soil Science. *Thesis*: Water and Ion Movement by Electro-osmosis in Wyoming Bentonite.
- James Durrett Kelley, *Pewee Valley, Ky.* B.S., University of Kentucky; M.S., Iowa State College
Horticulture. *Thesis*: The Effect of Selected Chelating Agents, Growth Regulators, Respiratory Inhibitors and Antibiotics on the Life of Cut Flowers, with Special Reference to *Antirrhinum majus*.
- Joseph John Lagowski, *Villa Park, Ill.* B.S., University of Illinois; M.S., University of Michigan
Chemistry. *Thesis*: Acid-Base Equilibria in Liquid Ammonia.
- Jack Truett May, *Auburn, Ala.* B.S., Louisiana State University; M.S., University of Georgia
Forestry. *Thesis*: Effects of Soil Management Practices in a Forest Tree Nursery on Soil Properties and on Loblolly Pine Seedlings.
- Lloyd James McKenzie, *Erin, Canada* B.S., Ontario Agricultural College; M.S., Michigan State University
Soil Science. *Thesis*: Oxidation-Reduction Studies on the Reduction Studies on the Mechanism of B Horizon Formation in Podzols.
- Joseph Alphonse Meier, *Bausman, Pa.* B.S., Franklin and Marshall College; M.S., Carnegie Institute of Technology
Mathematics. *Thesis*: On the Radiation of the Biconical Antenna.

DEGREE OF DOCTOR OF PHILOSOPHY (Continued)

- John Perry Mikel, *Wilton Manors, Fla.* B.S., M.S., University of Miami
Chemistry. *Thesis:* A Kinetic Study of the Electron Exchange Reaction between Thallium (I) and Thallium (III) in Aqueous Sulfuric Acid Solutions.
- Cyril Merton Milbrath, *Duluth, Minn.* B.S., M.A., University of Minnesota
Administrative and Educational Services. *Thesis:* A Study of Leaders and Leadership in a Developing Fringe Community with Implications for Educational Leaders in Fringe Community Schools.
- Harald Christian Nielsen, *Oak Park, Ill.* B.A., St. Olaf College
Chemistry. *Thesis:* Molecular Weight Studies on Acid-Precipitated, Calcium-Precipitated, Alpha, and Beta Caseins by Osmotic Pressure Measurement in 6.66 M. Urea.
- Donald Walter Renn, *Lancaster, Pa.* B.S., Franklin and Marshall College
Chemistry. *Thesis:* Cyanoethylation of the 5-Aminotetrazoles.
- Syed Mohammad Shamsuz-Zoha, *East Pakistan* B.S., Muslim University; M. Tech. Sc., Manchester University;
M.S., University of Illinois
Microbiology and Public Health. *Thesis:* Studies on the Sporulation and Germination of Putrefactive Anaerobe 3679 (PA 3679).
- Edward Henry Steininger, *Jackson* B.A., Brooklyn College; M.A., New York University
Administrative and Educational Services. *Thesis:* Changes in the MMPI Profiles of First Prison Offenders During Their First Year of Imprisonment.
- Willi Andreas Uschald, *Germany* M.A., Michigan State University
English. *Thesis:* The Italian Tradition in John Lyly's Court Dramas: with Emphasis on His Characterizations and His Ideas of Love.
- Sister Ann Carol Vaughn, O.P., *Adrian* B.A., Siena Heights College; M.A., Loyola University
English. *Thesis:* Agnes Repplier: Social Critic.
- Donald Paul Wyman, *Madison, O.* B.S., Ohio University
Chemistry. *Thesis:* Free Radical Reactions of Compounds Containing the Cyclopropane and Other Alicyclic Rings.

SCHOOL FOR ADVANCED GRADUATE STUDIES
DOCTOR OF EDUCATION

Donald Hart Baker, *Houghton*

B.S., M.S., Michigan State University; M.S., University of Michigan
Foundations of Education. *Thesis*: A Study of the Relationships between Credit in Certain High School Mathematics and Science Courses and Various Aspects of Success at the Michigan College of Mining and Technology.

Leslie Fenner Greene, *Clarkston*

B.A., Kalamazoo College; M.A., University of Michigan
Administrative and Educational Services. *Thesis*: A Critical Appraisal of Bonding Practices in Michigan Public Schools.

Lucy Janet Wells, *Palatka, Fla.*

B.S., Florida State University; M.Ed., University of Florida
Administrative and Educational Services. *Thesis*: A Study of Boating and Boating Education in Selected Schools, Colleges, and Universities in the United States.

