

FRIDAY, DECEMBER SIXTH

NINETEEN HUNDRED AND SIXTY-THREE

The
Fall
Commencement
of
Michigan
State
University

UNIVERSITY AUDITORIUM

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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 1895, 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 color of the velvet of the hood is distinctive of the subject to which the degree pertains. For example, the trimming for the degree of Master of Science in Agriculture should be maize, representing agriculture, rather than golden yellow, representing science.

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
Forest Products, Forestry, Packaging	Russet
COLLEGE OF ARTS AND LETTERS	White
Music	Pink
Philosophy	Navy Blue
COLLEGE OF BUSINESS	Drab
COLLEGE OF COMMUNICATION ARTS	Royal Blue
Journalism	Crimson
Speech	Silver Gray
COLLEGE OF EDUCATION	Light Blue
COLLEGE OF ENGINEERING	Orange
COLLEGE OF HOME ECONOMICS	Maroon
COLLEGE OF NATURAL SCIENCE	Golden Yellow
Nursing	Apricot
COLLEGE OF SOCIAL SCIENCE	Citron
Economics	Copper
COLLEGE OF VETERINARY MEDICINE	Dark Gray

ORDER OF CEREMONIES

PROCESSIONAL

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

AMERICA *Smith*

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

INVOCATION

THE REVEREND ROBERT E. KAVANAUGH
St. John's Student Parish

ADDRESS

DURWARD B. VARNER
Chancellor, Oakland University

CONFERRING OF DEGREES

MILTON E. MUELDER
*Vice President for Research Development and Dean
of the School for Advanced Graduate Studies*
(Background music, *A Christmas Festival* by LeRoy Anderson)

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 FATHER KAVANAUGH

RECESSIONAL

WAR MARCH OF THE PRIESTS *Mendelssohn*

The escorts for the procession are members of Mortar Board, the honor society for senior women.
The audience is requested to remain seated while those in the procession are entering and leaving the auditorium.

BOARD OF TRUSTEES

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

The President of the University is appointed by the Board and is by constitutional provision the presiding member of the 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 C. ALLEN HARLAN	Detroit
THE HONORABLE WARREN M. HUFF	Plymouth
THE HONORABLE FRANK MERRIMAN	Deckerville
THE HONORABLE DON STEVENS	Okemos
THE HONORABLE JAN B. VANDERPLOEG	North Muskegon

THE HONORABLE LYNN M. BARTLETT, <i>Ex Officio</i>	Lansing
JOHN A. HANNAH, <i>Ex Officio, President</i>	East Lansing
JACK BRESLIN, <i>Secretary</i>	East Lansing
PHILIP J. MAY, <i>Treasurer</i>	East Lansing

MICHIGAN STATE UNIVERSITY

Michigan State University, one of the leading land-grant universities and the first agricultural college in America, strives for excellence in affording liberal and practical education for its students in a broad range of human endeavors.

MSU also serves people of the state, nation and world through its numerous research, extension and international programs.

Now in its 108th 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 2,500 staff members engaged in teaching, research and public service, 435 buildings, and 4,710 acres of land, including 1,440 acres in the campus and housing area and 420 more in planned development.

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 10 colleges—Agriculture, Arts and Letters, Business, Communication Arts, Education, Engineering, Home Economics, Natural Science, Social Science, Veterinary Medicine and the School for Advanced Graduate Studies, and offers approximately 200 areas of specialization at the undergraduate level and 275 at the graduate level. This excludes the curriculum of the University 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 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.

Through fast-growing research programs in all colleges and the Agricultural Experiment Station, Michigan State University is adding to mankind's store of fundamental knowledge and paving the way for development of new products. Matching and complementing this growth has been an equally rapid growth of the graduate program, which now has an enrollment of nearly 5,000.

Benefits of the University are brought to every county in Michigan by the Cooperative Extension Service and the Continuing Education Service. Their programs, both on campus and in local communities, provide many kinds of technical information and formal course work for hundreds of thousands of Michigan citizens.

Today, more than 27,000 students from Michigan and other states and from nations all over the world are attending the University at East Lansing—about 14,000 of whom are housed on the campus proper. With about 79 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 and research, Michigan State University has proved its worth to the people of the State of Michigan. Noted for its democratic and friendly spirit, the student body harmonizes with the University faculty to make Michigan State University one of the great educational institutions in America.

COLLEGE OF AGRICULTURE

The candidates will be presented by DEAN THOMAS K. COWDEN

DEGREE OF BACHELOR OF SCIENCE

John Stephen Alguire	Forestry	Thomas Joseph Miller, Jr.	Dairy Production
John Alfred Ballweg	Park Management	Thomas Owen Mitchel	Mobile Homes
Robert Cregg Barnes	Packaging	John Terry Moran	Packaging
*Michael Dennis Beres	Forestry	Robert Karl Morrison	Forestry
James Arthur Bergman	Forestry	Thomas Edward Myall	Forestry
Nelson Lawrence Bills	Agricultural Economics	Patrick Oreson	Packaging
Tukaram Bhujanga Rao Chawan	Food Science	Ronald Charles Pawlak	Residential Building
Reginald Grant Cridler, Jr.	Forestry	Coromoto Jose Perez	Food Science
Larry Eugene Crowder	Park Management	Gene Alvin Ramsey	Agricultural Economics
Robert Fay Deuel	Packaging	Jack Fredrick Schmidt, Jr.	Forestry
Martin Alexis DiLoreto	Packaging	Frederick Nevin Schroeder	Ornamental Horticulture
David Bernard Eckwielen	Park Management	Donald Herman Schultz	Fisheries and Wildlife
Richard Dean Erickson	Agricultural Mechanics	Donald Joe Sheldon	Residential Building
Ronnie Eugene Fritz	Forestry	Gordon L. Shelts	Poultry Science
Kenneth Leroy Geiger	Packaging	James J. Sparks	Agricultural Mechanics
Roy Charles Alport Gilbert	Forestry	Oliver Ray Stanton, III	Forestry
David James Hall	Forestry	Gordon Edwin Terry	Forestry
Don Raymond Hannigan	Forestry	Lyle Bruce Thompson	Animal Husbandry
Leonard Lee Harrington	Forestry	Rodney William Tulloch	Soil Science
Stanley David Hatter	Animal Husbandry	Paul Flash Vaupel	Forestry
Earl Alton Horning	Animal Husbandry	Lyle Jay Veldheer	Poultry Science
David Kennedy	Food Science	Mabricio Valentino Ventura	Soil Science
Thomas Albert Kiander	Park Management	Clyde E. Walker	Agricultural Mechanics
James Wilfred Kimmery	Floriculture	Frank Casimir Walters	Animal Husbandry
Charles Edward Klatt	Packaging	John Richard Walton	Packaging
Stephen Louis Kraatz	Agricultural Mechanics	*Thomas Frederick Weise	Fisheries and Wildlife
Charles A. Kwasnik	Agricultural Mechanics	William C. Whiteside	Animal Husbandry
Bryan Harley Larsen	Poultry Science	Lanney Wixson	Pomology and Vegetable Production
Larry Paul Matchen	Ornamental Horticulture	Gaylord Charles Yost	Forestry
Jerl Jon May	Residential Building		
Jerrald Lynn Maynard	Packaging		
Ralph Morgan McGovney	Animal Husbandry		

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Kenneth Orville Berger	Agricultural Education	Robert Lewis Meachum	Agricultural Education
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DEGREE OF MASTER OF SCIENCE

Paul Delmer Adams	Fisheries and Wildlife	Camilla Cristman Aulerich	Dairy
Jose Cuizon Alonzo	Agricultural Extension	Roger Edward Bach	Forest Products
George Wilkins Arnold	Agricultural Economics	Carlos Borrero-Angel	Food Science

* With Honor

COLLEGE OF AGRICULTURE

DEGREE OF MASTER OF SCIENCE (Continued)

Spiros Minas Constantinides	<i>Food Science</i>	Horacio Leon-Ochoa	<i>Soil Science</i>
William David Cook	<i>Agricultural Economics</i>	John MacLeod	<i>Animal Husbandry</i>
Lewie C. Dodge	<i>Food Science</i>	Stuart A. Marks	<i>Fisheries and Wildlife</i>
Joseph Charles Dressel	<i>Forest Products</i>	Bruno Carl Moser	<i>Ornamental Horticulture</i>
Robert Wesley Everett	<i>Dairy</i>	Delbert Kent Nelson	<i>Dairy</i>
Adel Emirto Gonzalez	<i>Soil Science</i>	Jerrold Linden Nye	<i>Agricultural Economics</i>
David George Green	<i>Crop Science</i>	Chang Hu Peng	<i>Horticulture</i>
Robert Loyal Hinman	<i>Forest Products</i>	John Clark Post	<i>Soil Science</i>
Veldon Max Hix	<i>Food Science</i>	Prem Shankar Prasad	<i>Fisheries and Wildlife</i>
Rex Phillip Huguelet	<i>Forest Products</i>	La Vern Alberti Rice	<i>Dairy</i>
Dennis Stevenson Isidro	<i>Agricultural Economics</i>	Keith Kendal Schlender	<i>Biochemistry</i>
Arthur Ross Jones	<i>Agricultural Economics</i>	Wendell Ray Skelton	<i>Food Science</i>
William Howard Judy	<i>Cooperative Extension Education</i>	James Arthur Tweedy	<i>Horticulture</i>
Francis Howard Junis	<i>Agricultural Economics</i>	Samuel Galen Unger	<i>Agricultural Economics</i>
Nguyen Tang Kiet	<i>Agricultural Economics</i>	Robert Newell Wisner	<i>Agricultural Economics</i>
Josephine Lawyer	<i>Agricultural Economics</i>	Thomas Anthony Wojtalik	<i>Fisheries and Wildlife</i>

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF ENGINEERING

Xavier Jayaseela Rao Avula	<i>Agricultural Engineering</i>	James Anthony Kutchey	<i>Agricultural Engineering</i>
David John Balmforth Calverley	<i>Agricultural Engineering</i>	Ralph Wells Matthews	<i>Agricultural Engineering</i>
Patrick J. Comerford	<i>Agricultural Engineering</i>		

COLLEGE OF ENGINEERING

The candidates will be presented by DEAN JOHN D. RYDER

DEGREE OF BACHELOR OF SCIENCE

*Frederick Miles Balfour		Forrest John Gibson	<i>Electrical Engineering</i>
	<i>Metallurgical Engineering</i>	H*Robert Reynolds Hill	<i>Mechanical Engineering</i>
Richard Anthony Battista		Richard Spencer Leeke	<i>Civil Engineering</i>
	<i>Chemical Engineering</i>	Jerry Martin Mann	<i>Mechanical Engineering</i>
H*Joseph Bazylewicz	<i>Mechanical Engineering</i>	Robert Lee Marecek	<i>Mechanical Engineering</i>
Edward Alan Chittenden		H*William Robert Martin	<i>Civil Engineering</i>
	<i>Electrical Engineering</i>	*Charles Joseph Mullally	
Jerry Allen Dyke	<i>Mechanical Engineering</i>		<i>Mechanical Engineering</i>
H†Charles Richard Ehrke	<i>Civil Engineering</i>	Robert James Pierce	<i>Mechanical Engineering</i>
Laurence John Fichter	<i>Civil Engineering</i>	George Peter Voulgaris	
Francis Robert Fladseth			<i>Metallurgical Engineering</i>
	<i>Mechanical Engineering</i>		

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF AGRICULTURE

Paul Frederick Bergdolt	Norman J. Van Sickle
<i>Agricultural Engineering</i>	<i>Agricultural Engineering</i>

DEGREE OF MASTER OF SCIENCE

Edward Worthy Allis	<i>Mechanical Engineering</i>	Michael John Klein	<i>Electrical Engineering</i>
Jorge Aranguren	<i>Mechanical Engineering</i>	Lars Michael Larson	<i>Mechanical Engineering</i>
David Chapman Bacon	<i>Civil Engineering</i>	Chin Cheng Lin	<i>Electrical Engineering</i>
Richard Dean Beckman	<i>Civil Engineering</i>	Peter Alexander Lowry	<i>Electrical Engineering</i>
William Vern Brewer	<i>Mechanical Engineering</i>	Dalsukhrai Trikamlal Parikh	
P. C. Chandrasekharan			<i>Civil Engineering</i>
	<i>Electrical Engineering</i>	Achyut Gangadhar Patwardhan	
Donald E. Cochran	<i>Civil Engineering</i>		<i>Civil Engineering</i>
Bhalchandra Govind Deshpande		Gerald John Rathouz	<i>Civil Engineering</i>
	<i>Electrical Engineering</i>	William Frederick Shutler	
Jacob Nikolas Dick	<i>Sanitary Engineering</i>		<i>Electrical Engineering</i>
Vidyadhar Yashwant Hardikar		Ewald Timon Van Wieren	
	<i>Civil Engineering</i>		<i>Mechanical Engineering</i>
Ronald Lee Haugen	<i>Mechanical Engineering</i>	Frederick Allan Wagner, Jr.	<i>Civil Engineering</i>
Richard Ervin Hills	<i>Civil Engineering</i>	Jayawant Nagesh Wartikar	
Frank Joseph Holliday	<i>Civil Engineering</i>		<i>Applied Mechanics</i>
Richard Frank Hruda	<i>Civil Engineering</i>	Rodney Dan Wierenga	
G. Stewart Johnson	<i>Mechanical Engineering</i>		<i>Electrical Engineering</i>
Theodore Edward Johnson	<i>Applied Mechanics</i>		
Pholsakdi Karnchanachari			
	<i>Electrical Engineering</i>		

H Honors College

* With Honor

† With High Honor

COLLEGE OF HOME ECONOMICS

The candidates will be presented by DEAN THELMA E. PORTER

DEGREE OF BACHELOR OF SCIENCE

Lois Marie Adamski	<i>Dietetics</i>	Sharon Brodie Engelhardt	<i>Interior Design</i>
Olabisi Abike Are	<i>General Home Economics</i>	Kathryn Ann La Tour	
Leland Karl Bates	<i>Interior Design</i>		<i>Retailing of Textiles and Clothing</i>
Diane Berger		Sandra Gail Marsh	<i>Interior Design</i>
	<i>Retailing of Textiles and Clothing</i>	Helen Elizabeth Richardson	<i>Interior Design</i>
H†Catherine Ethel Bowers	<i>Interior Design</i>	Susan Kathryn Schneider	<i>Interior Design</i>
Nancy Grover Clithero	<i>Interior Design</i>		
Merene Margaret Conkey			
	<i>Retailing of Textiles and Clothing</i>		

DEGREE GRANTED JOINTLY WITH COLLEGE OF EDUCATION

Barbara Wallis Bohn		Ann Edys LaNoble	<i>Home Economics Teaching</i>
	<i>Home Economics Teaching</i>	Barbara Joyce Newman	
*Barbara Anne Brewer			<i>Home Economics Teaching</i>
	<i>Child Development and Teaching</i>	Roberta Jean Parker	
H. Lucile Clough	<i>Home Economics Teaching</i>		<i>Child Development and Teaching</i>
Linda Nell Connors	<i>Home Economics Teaching</i>	Margene Helen Scott	
Martha Lou Firman	<i>Home Economics Teaching</i>		<i>Home Economics Teaching</i>
Karen Ann Hansen		Virginia Joy Sheets	
	<i>Child Development and Teaching</i>		<i>Child Development and Teaching</i>
Carol Noritza Krimian		†Linda Harris Weber	
	<i>Home Economics Teaching</i>		<i>Home Economics Teaching</i>

DEGREE OF MASTER OF ARTS

Nancy Wigsten Axinn	<i>Home Management</i>	Mary Louise Dillon	<i>Textiles and Clothing</i>
Mildred Moore Chapel	<i>Textiles and Clothing</i>	Mary Elaine McNeil	<i>Home Management</i>

DEGREE OF MASTER OF SCIENCE

Teckla Mueller Buelke	<i>Nutrition</i>	Catherine Barton Love	
Jeanne Gleason Clark	<i>General Home Economics</i>		<i>Home Economics Extension</i>
Charlotte Ann Felsted			
	<i>Institution Administration</i>		

H Honors College
 ° With Honor
 † With High Honor

**COLLEGE
OF
VETERINARY MEDICINE**

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

DEGREE OF BACHELOR OF SCIENCE

John Roger Geisland *Medical Technology*

DEGREE OF MASTER OF SCIENCE

Osman Abd-Elaziz Atallah *Veterinary Pathology*
Samuel M. Getty *Surgery and Medicine*
Daniel Dale Harrington *Veterinary Pathology*
Cledith Aten Miller, Jr. *Anatomy*

COLLEGE OF BUSINESS

The candidates will be presented by DEAN ALFRED L. SEELYE

DEGREE OF BACHELOR OF ARTS

Ercument Acar
Hotel, Motel and Club Management
Frederic Joseph Alexander *Accounting*
Daniel Paul Andrus *Restaurant Management*
John William Angell
General Business Administration
Takashige Aoki
Hotel, Motel and Club Management
Darryl Eugene Apps
Transportation Administration
James Franklyn Atkinson *Accounting*
David Arthur Atlee
Hotel, Motel and Club Management
Robert Welton Barker
Hotel, Motel and Club Management
Robert Lee Barrett *Personnel Administration*
William Richard Bassett
Hotel, Motel and Club Management
William Paul Brozovic
Production Administration
Brian Lee Cairns
Hotel, Motel and Club Management
Sam James Calderone *Accounting*
Andrew Lewis Campbell *General Marketing*
Rexford J. Carl, Jr.
General Business Administration
Bruce James Carnick *Accounting*
Julio Enrique Carta
General Business Administration
Terrence Kelly Clark *Production Administration*
John Douglas Comber
Food Marketing Management
John Laflen Conover *Accounting*
John Vivian Creyts
Hotel, Motel and Club Management
Willis L. Crothers *Production Administration*
Donald Robert Davy
General Business Administration
James Nace DeGraw *General Marketing*
Otwell John Derr
General Business Administration
Thomas William Despart
General Business Administration
John Vincent Dragonetti
Hotel, Motel and Club Management
John Alexander Drysdale
Hotel, Motel and Club Management

James Willard Durst
Food Marketing Management
David William Eakin *Personnel Administration*
Thomas Ward Early
General Business Administration
Floyd Michael Essenmacher *General Marketing*
Richard James Everest
Personnel Administration
Herbert Frank Ewert *General Marketing*
David W. Field
Hotel, Motel and Club Management
George Richard Foster
General Business Administration
David Edward Frank
Hotel, Motel and Club Management
David Lawrence Gallivan
General Marketing
Roy Bruce Gates
General Business Administration
Vladas Gedmintas
General Business Administration
Peter Tolman Geller
General Business Administration
Frederick Barton Gerhard
General Marketing
Craig Maurice Gies
General Business Administration
Gary R. Godin
General Business Administration
Wayne Allan Goetz *General Marketing*
Robert Frank Graham
General Business Administration
Clair William Green
General Business Administration
Gary Frederick Gross
Transportation Administration
Charles E. Hahn *Financial Administration*
Michael Howard Harris
General Business Administration
*Gerald Lee Harvey *Financial Administration*
Kenneth William Hilbert
General Business Administration
Leroy Allen Hildebrand
Hotel, Motel and Club Management
Robert George Hoffman
Hotel, Motel and Club Management
Tsuneo Hori *General Business Administration*

* With Honor

DEGREE OF BACHELOR OF ARTS (Continued)

H*Raymond Henry Arnold Huberts
Food Marketing Management
 Emil Andrew Huska
Hotel, Motel and Club Management
 James Russell Jameson
Production Administration
 Linford Jason Jaquith
General Business Administration
 Michael William Jordan
Hotel, Motel and Club Management
 Larry Fred Judkins
Hotel, Motel and Club Management
 Donald Gerrard Keena
General Business Administration
 Robert Lincoln Kemp
Hotel, Motel and Club Management
 Thomas Kirn Krause
General Business Administration
 Frederick Eugene LaBeau
Industrial Administration
 Gary Keith Lance
Accounting
 John Herbert Larzelere
Financial Administration
 John Herschel Lazell
Transportation Administration
 Werner Karl Lehmann
Production Administration
 H Kenneth Orle Lewis
Accounting
 James Emorey Lindrup
Food Marketing Management
 Donald Edward Maher
Personnel Management
 John Harold Mark
General Business Administration
 Lance Frederick Martin
General Marketing
 Thomas William McKinney
Food Marketing Management
 Robert Arthur Merchant
General Marketing
 Richard Rice Moore
General Business Administration
 H†Robert Irwin Morrison
Purchasing Administration
 Robert David Muir
General Business Administration
 Judith Elaine Naukam
Hotel, Motel and Club Management
 William Frank Newell
Accounting
 Duane Lee Newland
Accounting
 Barbara Leona Nitecki
Executive Secretarial Administration
 Peter Vincent Ojerholm
General Marketing

John Thomas Pantelle
Industrial Administration
 Sherman Cogswell Parker, Jr.
Accounting
 LeRoy Michael Peterson
Accounting
 Stewart Pfannstiehl, Jr.
General Marketing
 Kenneth John Platte
Financial Administration
 James Marshall Ragland
General Business Administration
 John Dennis Reardon
General Business Administration
 William Phillip Reed
Personnel Administration
 Daniel Francis Regan
Accounting
 George Bernard Rigby
Hotel, Motel and Club Management
 Jerry Martin Rippee
Food Marketing Management
 William Ryan Ritchie
General Marketing
 Thomas Frederick Roh
General Business Administration
 *Daryl Edson Rolfe
General Business Administration
 John Blair Sampson
General Business Administration
 Kenneth L. Sandy
Personnel Administration
 Gary Michael Shannon
General Business Administration
 Victor Delano Simpson
Personnel Administration
 Theodore John Smith
General Marketing
 Jerald Lee Squires
General Business Administration
 Robert William Stewart
Accounting
 William Frederick Swanson
Purchasing Administration
 Glenn Malte Swenson
General Business Administration
 Roy George Swerdfeger
General Business Administration
 Robert Hugh Thompson
General Business Administration
 James August Tiefenbach
Financial Administration
 John E. Turbeville
General Business Administration
 Thomas Robert Ulberg
Hotel, Motel and Club Management
 Edward Gove Vance
General Business Administration
 Michael James Walsh
Transportation Administration
 Richard Alvin Weaver
Purchasing Administration

H Honors College

• With Honor

† With High Honor

COLLEGE OF BUSINESS

DEGREE OF BACHELOR OF ARTS (Continued)

David Wilcox Weber
General Business Administration
John Robert Winton *Retailing Administration*
Jerry Patrick Wolford *Accounting*
Edward Jerome Wrona
General Business Administration

Annette Zelkoff *Restaurant Management*
David Edward Zopf
General Business Administration

DEGREE GRANTED JOINTLY WITH COLLEGE OF EDUCATION

Martin J. Ashley
General Business Administration
William Bernard Bengel *Business Education*
Aaron Consear Daniels *Business Education*
H†Edwin Thomas Heywood *Business Education*
Charlene Rose Marcell *Business Education*

*Ann Marie Mathieson *Business Education*
Martha Lee Moran *Business Education*
Catherine Carney Percy *Business Education*
Alice Ann Sheehan *Business Education*
Susan Jean Shepherd *Business Education*

DEGREE OF MASTER OF ARTS

John Edward Colcord *Business Administration*
Hermann Nuyken *Marketing*

Richard Francis Schults
Business Administration
Martin Veldman *Business Administration*

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

Thomas Frank Barnum
Food Marketing Management
Bret George Bell *Production Administration*
Telmo Raul Blauth *Financial Administration*
John Brown, Jr. *Transportation*
Harold Raymond Chappel, Jr.
Production Administration
Eugene Edward Comiskey *Accounting*
George Robert Conrade
Hotel, Restaurant and Institutional Management
Noshir Jehangir Daruvalla *Accounting*
Freddie Eldon Elam *Transportation*
Daniel Thomas Fahey *Financial Administration*
Donald Roger Fairbanks
Production Administration
Donald Joseph Fecher *Marketing*
Guy Dwayne Fett *Personnel Administration*

Keith Gibson Franz *Accounting*
Edward Roy Gallagher *Accounting*
Paul Frederick Gruber *Marketing*
Daniel Stanley Janicki *Marketing*
James Richard Jones *Marketing*
Martin Thomas Kallighan *Accounting*
Lina May Kemmis *Accounting*
David Dieter Loge
Hotel, Restaurant and Institutional Management
Gene Adrian Losa *Transportation*
David Charles Lyon *Financial Administration*
Thomas H. Macmanus *Marketing*
Charles L. Main *Accounting*
James Clarence Makens *Marketing*
Charalambos Constantine Maragos
Hotel, Restaurant and Institutional Management
William Harry Mateer *Accounting*

H Honors College
• With Honor
† With High Honor

DEGREE OF MASTER OF BUSINESS ADMINISTRATION (Continued)

Clint Gordon Merley		Pascal Lewis Piglia	<i>Production Administration</i>
	<i>Production Administration</i>	Robert Alfred Price	<i>Marketing</i>
Michael Joseph Misshauk		Robert William Reynolds	<i>Marketing</i>
	<i>Production Administration</i>	Burton Thomas Richards	
Carolyn Charlotte Mueller	<i>Accounting</i>		<i>Production Administration</i>
William Mitchell Myers		Stephen Edman Savage	
	<i>Personnel and Human Relations</i>		<i>Personnel and Human Relations</i>
John Carl Nelson	<i>Marketing</i>	John Charles Schierholz	<i>Accounting</i>
Robert Alan Neslund		Robert Phillip Sparvero	
	<i>Food Marketing Management</i>		<i>Financial Administration</i>
William Spencer Overton		Richard Ben Vondrak	<i>Accounting</i>
	<i>Food Marketing Management</i>	Lance Lynwood Webe	<i>Marketing</i>
Duane Edmond Oyler	<i>Accounting</i>	Stanley Gordon Wheeler	
Nasser Ali Partovi			<i>Production Administration</i>
	<i>Personnel and Human Relations</i>		
Clarence Albert Phillips			
	<i>Personnel and Human Relations</i>		

COLLEGE OF EDUCATION

The candidates will be presented by DEAN JOHN E. IVEY, JR.

DEGREE OF BACHELOR OF ARTS — Elementary Education

- | | |
|---------------------------------|-----------------------------|
| Joyce Ann Agar | H Ellen Koch |
| Maxine Dorothy Akers | Jonalee R. Kowalske |
| Patricia Ann Alexander | Eunice A. Larsen |
| Gail Anne Anderson | Judith Irene Latchaw |
| *Judith Lowe Bacon | Billie Dee Judith Lofback |
| Sandra Anne Balconi | *Jean Marie Maar |
| Linda Youngerman Baragar | Mary Elaine McDaniel |
| Karen Lizbeth Barnes | Claudia Bethany Moore |
| *Melanie Ann Beagle | Joy Roberta Moss |
| Sylvia Berlin | Anne Margaret Mount |
| Luanne Klomprens Bloom | Carole Jean Myers |
| †Nancy Rose Brooks | Mildred Foss Nightengale |
| Carolynn Patricia Browning | Diane MacAlpine Orth |
| Wendy Turner Bumgardner | Susan Corrine Palmer |
| Julie Beechler Camp | Janice Ann Parish |
| H†Dona Lee Candela | Julie Ann Perrin |
| Elwood Evans Carl | Theodore Cornelius Poelstra |
| Josette Helene Cash | Bethel Jean Roberson |
| Rita Hamilton Cockroft | Sharon Raela Robins |
| Theodore Joseph Czajkowski, Jr. | Karon Joyce Rodgers |
| Gerriann Frances DeGeus | Gloria Jean Sanger |
| Sarah Chivvis Dickman | Elke Schroeter |
| †Ann Sharon Erler | Sondra Rose Schwartz |
| Susan Elizabeth Fournel | Connie Ann Scriven |
| David Lawrence Fox | Linda Rhoda Shaw |
| Nancy Jean Frame | Sandra Jeanne Slater |
| Judith Lorraine Frever | Janice E. Smith |
| Margaret Ann Gill | Jeanne Edith Sparks |
| Myriam Gomez Robelo | Arlene Margaret Steffens |
| H†Arlene Anderson Handren | Winifred Elaine Storrs |
| Cynthia Neihardt Hart | Elisa Sandra Tacher |
| Joenne Rae Heinmiller | H†Charlane Kay Temple |
| Naomi Simone Hoffman | Janet Lee Thiel |
| Brucetta Antoinette Hower | Julia Ann Thomas |
| Judith Irene Hruska | Barbara Jean Transue |
| Lorraine Minnie Hughes | Kendra VanSciever |
| Judith Rae Hunt | Joyce Elaine Williams |
| Wendy Ann Hyman | Mary Barbara Williams |
| Aloysia Isabella Jacobs | Elizabeth Louise Wright |
| Christine Ena Jansen | Patricia J. Wytrychowski |
| *Linda Kay Johnson | Joan Irene Zerry |
| Ruth Linda Kent | |

H Honors College

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DEGREE OF BACHELOR OF SCIENCE

Alvin Arthur Armstrong	<i>Physical Education</i>	Melvyn Vane Ingalls	<i>Industrial Arts</i>
James Lilton Bobbitt	<i>Physical Education</i>	DiAnn Ulmer Karas	<i>Physical Education</i>
Christine Lois Burch	<i>Physical Education</i>	William Hill Kelly	<i>Physical Education</i>
George John Carevich	<i>Industrial Arts</i>	*Sheryl Mae Luneke	<i>Physical Education</i>
Ronald Bruce Clark	<i>Physical Education</i>	Elma June McDonald	<i>Physical Education</i>
Kathleen Ann Collins	<i>Physical Education</i>	James Burton Middleton	<i>Physical Education</i>
Richard James Enos	<i>Physical Education</i>	George Allen Richardson	<i>Physical Education</i>
Frank Franchi	<i>Physical Education</i>	Sylvester Lawrence Rubick	<i>Physical Education</i>
William Talia Gabriel	<i>Industrial Arts</i>	James Richard Salmon	<i>Recreation</i>
Ann Linda Gordhamer	<i>Physical Education</i>	Joyce Harriett Schafer	<i>Physical Education</i>
Thomas Richard Harry	<i>Physical Education</i>	Sharon Lee Schrader	<i>Physical Education</i>
Max Albert Hasse III	<i>Physical Education</i>	Neal Edward Sellick	<i>Industrial Arts</i>
Richard Alan Henderson	<i>Industrial Arts</i>	Hasmig S. Tepikian	<i>Physical Education</i>
Jon Valpoe Hendrix	<i>Industrial Arts</i>	Lawrence William Wagner	<i>Industrial Arts</i>
John Forrest Hines, Jr.	<i>Physical Education</i>	Donald Wayne Wight	<i>Physical Education</i>
John C. Hovis	<i>Industrial Arts</i>	*Anita Jean Wood	<i>Physical Education</i>

DEGREE OF MASTER OF ARTS — Education

Fatma Hamed AboElAzm	Doris Darwick
Robert Leon Acton	Samuel Paul Deopsomer
Reza Aghaie	Robert Wayne Doctor
Ana Banat Alonzo	Darlene Wing Donahue
James Martin Anderson	Robert Leon Dreyer
Wilbur Fred Bailey	Christopher James Dundas
Alberta Ruth Balas	Brian William Eisner
Marilyn Jane Becker	Gary Lee Elmer
Donnell Irving Bender	Frances Jean Evans
Chauncey Myers Berdan, Jr.	Douglas Eugene Ferrier
Virginia Theresa Bernard	Richard Lee Fitzgerald
Lloyd Vincent Bishop	Leslie E. Frank
Ray A. Bowman	Kenneth Fridsma
Ralph Edwin Bradley	James Robert Gibbs
Louis Wayne Brown	Ronald Walter Gilbertson
Norman Allen Brown	Elizabeth Ann Gillow
Mary Catherine Buesing	Thomas Frederick Girrbach
Michael James Burke	Stephen Brent Gold
Benjamin Franklin Calloway, Jr.	Rodas Aida Gonzales
Janet Littell Caltrider	Walter Lewis Green
James Joseph Casper	Katherine Mary Gulash
Martha Louise Castillo	Wade C. Hager
Ronald Lee Classon	Phoebe Ann Hammer
Patricia Ruth Conger	John Lancey Hannett
Darrell B. Cook	James Allen Haralson
Theodore John Corombos	Thomas Donald Hazen
Charles Franklin Cotton	Richard Leon Higginbotham
Kenneth Douglas Coutts	Carl Holkeboer
Barbara Ann Crockett	Albert Edwards Holliday
Bruce Richard Curtis	Richard Arthur Holmes

COLLEGE OF EDUCATION

DEGREE OF MASTER OF ARTS — Education (Continued)

Donald John Hudak
Marcia Ann Huguelett
Naomi Lydia Johnson
Harris Paul Kaesmeyer
Richard Allen Kanehl
William Vincent Kerns, Jr.
David Walter Kittell
John Winston Klanderma
Myrtle Jane Kluiber
Natalie Ruth Kreeger
Elton W. Lawrence
Lloyd Charles Leach
Wayne David Leikert
Edith Ellen Love
James Lee Mahrt
Dorothy Jean Marsh
Arnold Lee Martin
James Albert Matteson
Ethelyn Claudia Maxwell
Joseph Albert McKeown, Jr.
Joyce McNamara McNabb
Nancy Carolyn Milne
Wilma Jean Montle
Earnest George Myers
Rev. Thomas Anthony Neis
Geraldine Mertha Nelson
Henry F. Noller
Darlene Ann Northey
Thomas Michael Novak
Muriel Etta Nye
Jack D. Oatley
Jean Marlene Oswald
Helen Frances Paluch
John Papajohn
Charlene Luella Parks
Thelma Burt Penn
Suzanna Witwer Peterson
Cyril Anthony Pick
William Joseph Pioszak
Yvette H. Pittman
Barbara Janet Price
Beverly Jean Price

Charles Frederick Pugh
Catherine H. Race
Henry Thomas Riley
Lenore Elizabeth Roberts
Richard Allen Rosekrans
Virgrie Junella Roth
Ellsworth Quinton Runyon
Dorothea Miriam Sandin
Charles Favriaux Sheffieck, Jr.
Donald Albert Shepard
Mickey Gordon Sinks
Jocille Smith
Edgar Joseph Spalding
Nancy Sager Bixby Stackhouse
Richard Charles Stanley
Lina Montgomery Stilwell
Marguerite Rogers Stokes
Gladys I. Strahl
Robert D. Struthers
Mildred Elizabeth Sussell
Ayako Susuki
James Stephen Swift
Elinor Eurdine Taylor
Thomas Norman Tillman
Victor Nels Toivonen
John Dale Toma
Phyllis Isobel Townsend
Dale Roger Trimble
Leonard Arnold Tromblay
Julie Ann Verrette
Horace Lawrence Walker
James Hayes Wallace, Jr.
Betty Coeling Walsh
Ruth Klaasen Wassenaar
Harris Connell Webster
Robert Wayne Wellfare
Janet Hoelzer Wicking
Richard Ronald Wojick
Douglas Craig Wolf
Frances Evelyn Wright
Jackson Chai-Sheng Yang
George Junior Zarka

COLLEGE OF COMMUNICATION ARTS

The candidates will be presented by DEAN FRED S. SIEBERT

DEGREE OF BACHELOR OF ARTS

Robert Delos Bauerle	<i>Television and Radio</i>	Fredric Jerome Levine	<i>Advertising</i>
*Roger Paul Brandt	<i>Television and Radio</i>	Gregory Warner Mason	<i>Communication</i>
Earl Adrian Chisa	<i>Television and Radio</i>	*John Robert Pelletier	<i>Advertising</i>
*Sally Anne Derrickson	<i>Journalism</i>	Augustin Joseph Poursine	<i>Television and Radio</i>
H†Shari Lynn Dion	<i>Television and Radio</i>	Jon Carter Ritchey	<i>Television and Radio</i>
Warren Lewis Divelbiss	<i>Television and Radio</i>	Philip Earl Rosenberger	<i>Advertising</i>
Roger Marcelle Dobeck	<i>Television and Radio</i>	Robert Michael Sharkey	<i>Television and Radio</i>
Joseph Edward Drolett	<i>Television and Radio</i>	Russell Bearnard Siebert	<i>Communication</i>
Maurice Khaleel Camel	<i>Television and Radio</i>	Nicole Charlene Slear	<i>Advertising</i>
Richard Arthur Groat	<i>Television and Radio</i>	Robert Edward Snell	<i>Television and Radio</i>
Bryce Inglis Hanna	<i>Communication</i>	Joy F. Sokeitous	<i>Journalism</i>
James Russell Hughes, Jr.	<i>Television and Radio</i>	Gordon Louis Steinhaver	<i>Speech</i>
Charles LeRoy Hutchinson	<i>Television and Radio</i>	William Scott Supernaw	<i>Communication</i>
David Clarke Kimball	<i>Advertising</i>	Richard Marion Thomas	<i>Television and Radio</i>
Jess Charles Lawson	<i>Advertising</i>	William Bruce Wallis	<i>Advertising</i>
		Michael Edward Zemmin	<i>Television and Radio</i>

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Barbara K. Allen	<i>Speech</i>	Joseph V. Klier	<i>Speech</i>
*Mary Ann Boehlert	<i>Speech</i>	Doris Ellen Lemble	<i>Speech</i>
James Edward Butler	<i>Speech</i>	Bruce Richard Lyon	<i>Speech</i>
Carol Jill Davis	<i>Speech</i>	*Marilyn Clark Poole	<i>Speech</i>
Joann Vackaro Forsyth	<i>Speech</i>	Grace Patricia Romano	<i>Speech</i>
Roger Lee Griffith	<i>Speech</i>	Ellen Lou Steffens	<i>Speech</i>
Rosemary Theresa Kenney	<i>Speech</i>	Ann Shirley Werkman	<i>Speech</i>

DEGREE OF MASTER OF ARTS

Stanley Evans Abbott	<i>Speech</i>	Anne Li-An Kao	<i>Communication</i>
Georgia de la Pena Aguilar		Robert S. Kurtz	<i>Advertising</i>
	<i>Television and Radio</i>	David H. Leonard	<i>Television and Radio</i>
Grace Ellen Aldrich	<i>Television and Radio</i>	Lynda Lee Macaulay	<i>Speech</i>
Arthur Allan Bartfay	<i>Television and Radio</i>	Betty Ellen McGuire	<i>Journalism</i>
Luciano Guido Piero Bozzini	<i>Communication</i>	Margaret Virginia McKinstry	
Mary Anne Ramona Carmichael	<i>Communication</i>		<i>Television and Radio</i>
Raymond Joseph Dion	<i>Television and Radio</i>	Donald Martin Polzin	<i>Speech</i>
Ann Pierce Fouts	<i>Speech</i>	Carl Robert Ramey	<i>Television and Radio</i>
Raymond Lee Giles	<i>Television and Radio</i>	Patricia Lin Ridge	<i>Speech</i>
		Edward Francis Sarno, Jr.	<i>Television and Radio</i>

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COLLEGE OF COMMUNICATION ARTS

DEGREE OF MASTER OF ARTS (Continued)

Doris Ann Schuldt	<i>Speech</i>
Lawrence R. Sexton	<i>Speech</i>
Robert Sherwood	<i>Television and Radio</i>
William Edwin Small, Jr.	<i>Journalism</i>

Natalie Ann Spry	<i>Television and Radio</i>
Elizabeth Marx Stamos	<i>Speech</i>
Ralph Wahrman	<i>Communication</i>

COLLEGE OF ARTS AND LETTERS

The candidates will be presented by DEAN PAUL A. VARG

DEGREE OF BACHELOR OF ARTS

*Bonny Ann Avery	English	Edwin Mackey King	Art Practice
Antoinette Touart Barnes	Music Therapy	John Paul Kraft, Jr.	Arts and Letters
Stephen Lawrence Barstow	Humanities	H†Sheila Marion Lobenhofer	Philosophy
Karen Bertine Becker	French	Janice Marie Marcantonio	Spanish
H†Karen A. Best	English	*Nancy French McIntosh	Humanities
Kathleen Ann Brunette	Art History	Caroline June Merrill	Humanities
Richard Edward Buck	History	H†Susan Catherine Moore	Humanities
Peter G. Bylsma	History	Roberta Washington Munn	Music Therapy
Richard Phillip Campbell	Art Practice	Mary Flumerfelt Niles	History
Margaret Jean Case	Humanities	Peter William Nye	Humanities
Sallie Ann Catto	History	Mervyn Arthur Pettapiece	Humanities
Raymond Frank DeBrincat	Art Practice	Mary Eleanor Price	English
Lawrence Michael Fetsco	History	Inara Anan Purmalis	Philosophy
Lurinda Ann Ford	Music Therapy	Thomas Arthur Rosso	Art Practice
Betty Sandra Glazer	Music Therapy	Aldwyn George Joseph Stephenson	Art Practice
John James Greech	History	Earl Douglas Stevens	Humanities
H Sandra Lee Gribben	Humanities	Linda Ann Stewart	English
Igor Guro	Russian	Janice Carole Villeneuve	Humanities
H†Susan Clark Hogg	Philosophy	Hermine M. Weersing	History
H†Marilynn Joanne Italiano	Spanish	Thomas Alan Willson	Religion
Daniel Kent Jamieson	Humanities	Charles Michael Winnicki	Humanities
H*Richard Charles Jennings	Philosophy		
Joan Marie Keck	Arts and Letters		

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

H†Nancy Ruth Alberts	English	Susan Fox Cohee Hansen	Art Education
Cynthia June Allen	History	John Robertson Harris	Art Education
Maureen Evelyn Allmon	English	Robert Jay Hazelton	Spanish
Doris Irene Anderson	Art Education	Evelyn M. Hutchinson	Spanish
*Lucie Meade Beard	English	Judith Wanda Kent	German
Dianna Marie Bob	Art Education	Nancy Jean Kindlund	Art Education
Barbara Ruth Bretzke	History	Newton Caulton Kindlund	History
Arlene Grace Campbell	History	Eleanor Ann Kraft	Art Education
†Josephine Cleveland	English	Gail Allene Krouse	French
*Frederick Carl Curow, Jr.	History	Carolyn Adrian Kuyper	History
Edwin Lee Demerly	English	Mary Ann Louise Lee	English
Teresa Mary DeMichele	English	*Terry John McKane	History
Faith Coddington Dykstra	Art Education	H†William John Thomas Mitchell	English
Roger L. Foster	History	Karen Joan Morath	History
Susan Jane Frazier	Art Education	Marlene Hachey Moslemi	English
*Christina McVaugh Frownfelter	English	H†Susan Melissa Neal	French
*Deanna White Gemrich	History	†Carolyn Anne Noland	Russian
Gregory Glen Godfrey	History	Janice Louise Owsinek	French

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COLLEGE OF ARTS AND LETTERS

DEGREE OF BACHELOR OF ARTS (Continued)

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION (CONTINUED)

Donna Marie Pandle	<i>History</i>	Ellen Ross Stauffer	<i>Art Education</i>
Carl William Phillips, Jr.	<i>History</i>	Delton F. Steffes	<i>History</i>
Patricia Louise Polzin	<i>Spanish</i>	Ralph Elmer Stitt	<i>English</i>
Barbara Ann Rausch	<i>Art Education</i>	Rollin Michael Stoddard	<i>History</i>
Anthony Edward Reis	<i>History</i>	†Vija D. Stokmanis	<i>German</i>
George Melvin Roberts	<i>English</i>	Linda Joyce Swain	<i>French</i>
John M. Robson	<i>German</i>	Diana Lee Ten Houten	<i>English</i>
Gerald David Royal	<i>History</i>	*Barbara Jean Troppi	<i>English</i>
Irene Joy Sante	<i>History</i>	Richard Hughes Weaver	<i>History</i>
Robert Gerald Scott	<i>Art Education</i>	Darrell Alex West	<i>History</i>
Valerie Carolyn Shafer	<i>English</i>	Ann Elizabeth Whale	<i>Art Education</i>
Carole Ann Smith	<i>Art Education</i>	Margaret McNamara Yoder	<i>English</i>
Donna Marion Smykowski	<i>History</i>	H † Louise Hitchman Young	<i>History</i>

DEGREE OF BACHELOR OF FINE ARTS

*James John Dulemba	<i>Art</i>	Marilyn Lee Hendrickson	<i>Art</i>
Philip Jon Haysmer	<i>Art</i>	Kenneth E. Reinhard	<i>Art</i>

DEGREE OF BACHELOR OF MUSIC

Beverly Sherryl James	<i>Applied Music</i>	*Mary Lois Taylor	<i>Applied Music</i>
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DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Beatrice Helmick Champion	<i>School Music</i>	Robertta Raye King	<i>School Music</i>
Adelia Anne Cubbon	<i>School Music</i>	*Sandra Ruth McKenzie	<i>School Music</i>
Cynthia Ann Gray	<i>School Music</i>	† Lorelei Ann Widmar	<i>School Music</i>

DEGREE OF MASTER OF ARTS

William Grant Adams	<i>Art</i>	Nancy Louise Ferrand	<i>History</i>
Betty Lou Anderson	<i>French</i>	Annemarie Voge Fuhrig	<i>German</i>
Patricia Mary Avila	<i>Spanish</i>	Carol Cumpson Gadsden	<i>Art</i>
Sylvia Joan Butler	<i>Art</i>	Cornelius Peter Hegewald	<i>German</i>
Clark Evans Chipman	<i>History</i>	Walter Wesley Hill, Jr.	<i>History</i>
Robert Martin Farrington	<i>French</i>	Karl Adolf Hofmann	<i>History</i>

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DEGREE OF MASTER OF ARTS (Continued)

Robert Benjamin Howells	<i>English</i>	Roosevelt Samuel Ruffin	<i>Spanish</i>
L. Emilie DeWeese Kanitz	<i>History</i>	Richard David Sandow	<i>English</i>
Marcia Anne Lamoreaux	<i>English</i>	Daniel John Sipila	<i>Art</i>
Marjorie Beatrice Ludwig	<i>English</i>	Susanna Helen Strickland	<i>French</i>
Gordon Lloyd Mallett	<i>Music</i>	Marjorie Starkweather Terdal	<i>English</i>
Gretl Konig Mayer	<i>German</i>	Joseph A. Therrien	<i>French</i>
Donald McFate	<i>English</i>	Linda Marie Oppenhuizen Van Conant	<i>Spanish</i>
Anand Kumar Michael	<i>Art</i>	Albert Vasils	<i>Art</i>
Karen Lee Nugent	<i>Art</i>	Marilyn Montgomery Yeagers	<i>Comparative Literature</i>
Ethel Frances O'Connor	<i>French</i>		
Robert James Parks	<i>History</i>		

DEGREE OF MASTER OF ARTS FOR TEACHERS

Charleen Corless King	<i>English</i>	Walter Parker	<i>History</i>
Phyllis Pearl Macklem	<i>French</i>		

DEGREE OF MASTER OF MUSIC

Richard Lee Carpenter	<i>Applied Music</i>	Ina Fae Porias	<i>Applied Music</i>
Dwain Merwyn Mitchell	<i>Music Education</i>		

COLLEGE OF NATURAL SCIENCE

The candidates will be presented by DEAN RICHARD U. BYERRUM

DEGREE OF BACHELOR OF ARTS

Nancy Drake	<i>Mathematics</i>	Robert William Small	<i>Chemistry</i>
*Doris Kimiko Matsuda	<i>Mathematics</i>	Gerald Edward Walsh	<i>Zoology</i>

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

†Ann Margaret Berry	<i>Mathematics</i>	Judith Ann Louwenaar	<i>Chemistry</i>
Betty Lou Hough	<i>Mathematics</i>	*Angela Marie O'Neill	<i>Mathematics</i>
*Joanne Louise Kreag	<i>Mathematics</i>		

DEGREE OF BACHELOR OF SCIENCE

Valerie Ann Arden	<i>Mathematics</i>	H*Patricia Jean Knapp	<i>Biological Science</i>
Thomas Lee Burger	<i>Entomology</i>	Warren Lappin Barry	<i>Mathematics</i>
Robert Jay Cowlshaw	<i>Zoology</i>	Thomas Joseph Laske	<i>Zoology</i>
Harold Arthur DeVore, Jr.	<i>Geology</i>	Roger Edgar Marx	<i>Mathematics</i>
Frank Michael Ditri	<i>Chemistry</i>	Honor Elizabeth McClellan	<i>Physical Science</i>
Barbara Hessel Doyle	<i>Nursing</i>	George Bowie Miller, Jr.	<i>Mathematics</i>
Thomas Erik Dvorak	<i>Zoology</i>	Charles Howard Murrish	<i>Geology</i>
Jerome Ira Eldred		Lawrence Willard Nelson	
	<i>Microbiology and Public Health</i>		<i>Microbiology and Public Health</i>
Thomas Ralph Engelsman	<i>Mathematics</i>	Charles Edward Overhiser	<i>Zoology</i>
Conrad Alan Fjetland	<i>Physical Science</i>	Arden Dean Parling, Jr.	<i>Mathematics</i>
David Emanuel Galewski		Robert John Plonka	<i>Mathematics</i>
	<i>Physics and Astronomy</i>	Robert S. Reiner	<i>Zoology</i>
Gordon Lamarr Gibson	<i>Mathematics</i>	John Robertson	<i>Zoology</i>
Jay Joel Greenblatt		Arthur Richard Seltmann	<i>Physical Science</i>
	<i>Microbiology and Public Health</i>	Ronald Guy Shores	<i>Physics and Astronomy</i>
*Mary Ellen Greene	<i>Mathematics</i>	William Richard Srigley	<i>Physiology</i>
Tom Joseph Griffin	<i>Mathematics</i>	*Thomas Martin Steinfatt	<i>Mathematics</i>
Jochen Wilhelm Heine		Ronald William Temple	<i>Physical Science</i>
	<i>Microbiology and Public Health</i>	Robert Gough Tuck, Jr.	<i>Zoology</i>
Julia Ho	<i>Mathematics</i>	Helen Jean Walker	<i>Nursing</i>
Peter Paul Kanuck	<i>Zoology</i>	Timothy James Warfield	<i>Chemistry</i>
*Warren E. Keith	<i>Geology</i>	Richard Vernon Williams	<i>Biological Science</i>
*Kenneth Evans Kemp	<i>Zoology</i>	Harry Howgate Winkworth	<i>Zoology</i>

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DEGREE OF BACHELOR OF SCIENCE (Continued)

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Sara Lee Barningham	<i>Biological Science</i>	Ronald Dale Lott	<i>Mathematics</i>
Katherine Ellen Clark	<i>Zoology</i>	Theodore Allen Lyon	<i>Mathematics</i>
Wallace Samuel Fry	<i>Biological Science</i>	*Philip Reid Mitchell	<i>Mathematics</i>
Herbert Dana Gibbs	<i>Physical Science</i>	David Hugh Monroe	<i>Physical Science</i>
William Raymond Green	<i>Zoology</i>	Dennis Gary Niemi	<i>Mathematics</i>
*Edward Louis Grieger III	<i>Biological Science</i>	Jack Walter Nutter	<i>Physical Science</i>
Ronald Lee Haynes	<i>Biological Science</i>	Karen Lee Porter	<i>Biological Science</i>
*Donald Martin Kratt	<i>Mathematics</i>	Margery Clark Sledd	<i>Mathematics</i>
Kenneth Lee Larson	<i>Biological Science</i>	Gary Richard Wilson	<i>Biological Science</i>
Ellen Laster	<i>Biological Science</i>		

DEGREE OF MASTER OF ARTS FOR TEACHERS

Patricia H. Baker	<i>General Science</i>	James Lee Sikkema	<i>Physical Science</i>
Richard Arden MacLaren		Niched Suntornpithug	<i>Physical Science</i>
	<i>Physics and Astronomy</i>	Alexander Lloyd Toyzan, Jr.	<i>Chemistry</i>
Frank Maystorovich	<i>Chemistry</i>	Gilbert Ray Turpin	<i>Biological Science</i>

DEGREE OF MASTER OF SCIENCE

Judith Muir Aitken	<i>Zoology</i>	Thomas Michael Krigas	<i>Chemistry</i>
Lois Brenda Allen		Robert Sebastian Marshall	
	<i>Microbiology and Public Health</i>		<i>Microbiology and Public Health</i>
Steve Joseph Aron	<i>Physics and Astronomy</i>	Andrew Rostyslaw Melnyk	
Louis Martin Beger	<i>Physics and Astronomy</i>		<i>Physics and Astronomy</i>
Robert Ernest Brown	<i>Geology</i>	Carol Mayalata Michael	
Gerald Leonard Buchel	<i>Chemistry</i>		<i>Botany and Plant Pathology</i>
Bruce Curtiss Burkey	<i>Physics and Astronomy</i>	Earl Douglass Mitchell, Jr.	<i>Chemistry</i>
James Francis Carroll	<i>Geology</i>	Masum Monlakhabolayaleh	<i>Physiology</i>
Hung Teh Chen	<i>Statistics</i>	Arnold Ross Naiman	<i>Mathematics</i>
Michael O'Meara Childs	<i>Zoology</i>	Curtis Arthur Newkirk	<i>Physics and Astronomy</i>
Marius Alban Dalverny	<i>Physics and Astronomy</i>	Edward Owen Price	<i>Zoology</i>
Daniel H. DeLange	<i>Biological Science</i>	Thomas Lee Roszman	
George Campbell Eickwort	<i>Entomology</i>		<i>Microbiology and Public Health</i>
Warren Rice Eisenberg	<i>Physics and Astronomy</i>	Rivers Singleton, Jr.	<i>Biochemistry</i>
Ronald Albert Gaertner	<i>Zoology</i>	Robinson Kenneth Spencer	
Nancy Carol Gould	<i>Zoology</i>		<i>Physics and Astronomy</i>
Eugene William Hansman		Robert Arthur Taller	<i>Chemistry</i>
	<i>Botany and Plant Pathology</i>	Sarah Jane Southworth Tankersley	
George A. Harvey	<i>Mathematics</i>		<i>Mathematics</i>
Wendell Eugene Holladay	<i>Physiology</i>	Roland Joseph Tetreault	<i>Chemistry</i>
Douglas Clare Huggett	<i>Zoology</i>	Gladys Marie Thomas	
Lowell E. Jacobs	<i>Chemistry</i>		<i>Microbiology and Public Health</i>

* With Honor

COLLEGE OF NATURAL SCIENCE

DEGREE OF MASTER OF SCIENCE (Continued)

Robert Charles Thomas	<i>Chemistry</i>
Rex Kent Thorpe	<i>Mathematics</i>
Madhusudan Chhotalal Trivedi	<i>Mathematics</i>
Ralph John Ubaldo	<i>Biological Science</i>
Richard Norman Wagner	<i>Physics and Astronomy</i>

Stanley Edwin Weinstein	<i>Mathematics</i>
Mark L. Wicholas	<i>Chemistry</i>
John Arthur Woollam	<i>Physics and Astronomy</i>
John Edward Wreede	<i>Chemistry</i>
Dianna Yee	<i>Biological Science</i>

COLLEGE OF SOCIAL SCIENCE

The candidates will be presented by DEAN LOUIS L. MCQUITTY

DEGREE OF BACHELOR OF ARTS

William John Amundsen	<i>Social Science</i>	Jan Earl Esbaugh	<i>Sociology and Anthropology</i>
Carol Joy Bancroft	<i>Social Work</i>	Henry Willis Farr III	<i>Social Science</i>
†William K. Barnett	<i>Sociology and Anthropology</i>	Eric Malcolm Filson	<i>Social Science</i>
Arlen Gerold Becker	<i>Psychology</i>	James Turner Fredd	<i>Psychology</i>
H†Roger Thomas Berg	<i>Economics</i>	John Frederick Freter	<i>Economics</i>
Michael B. Berger	<i>Social Science</i>	Thomas Donald Gallie	<i>Psychology</i>
Daniel Lee Berry	<i>Economics</i>	Ahmad Husni Gama	<i>Social Science</i>
Jonathon Sheldon Block	<i>Economics</i>	Dorothy Jean Gast	<i>Psychology</i>
Louise Carole Blohm	<i>Psychology</i>	Edwin Robert Giddings	<i>Political Science</i>
Nicholas Arthur Bodor	<i>Social Science</i>	Arnold Jay Goldman	<i>Social Science</i>
Richard J. Boettcher	<i>Economics</i>	Neale Phillips Hammond	<i>Social Science</i>
Melinda Ann Bradford	<i>Social Science</i>	Richard Mark Harris	<i>Social Science</i>
Donald Kent Bristol	<i>Political Science</i>	Michael Emory Hehn	<i>Social Science</i>
Grant Allen Burnett	<i>Social Science</i>	Robert Crofton Held	<i>Psychology</i>
Alan Charles Carlson	<i>Social Science</i>	Barbara Jean Henderson	<i>Social Work</i>
Frederick R. Challa	<i>Psychology</i>	William Theodore Hines	<i>Social Science</i>
Jeanne Marie Chandler	<i>Sociology and Anthropology</i>	Sally Irene Hunsberger	<i>Social Science</i>
Thomas Leslie Clark	<i>Economics</i>	H Charles Thomas James	<i>Political Science</i>
Terry Bernard Clark	<i>Psychology</i>	Douglas Keith Jarlsberg	<i>Sociology and Anthropology</i>
Roger William Cline	<i>Economics</i>	A. Elliott Kimberly III	<i>Psychology</i>
Judith Ann Clixby	<i>Psychology</i>	James Eugene Kramer	<i>Political Science</i>
Lois Jane Colon	<i>Sociology and Anthropology</i>	Edward Gerald Krawczyk	<i>History</i>
James Edward Connors	<i>Social Science</i>	Carol Anne Kunze	<i>Social Science</i>
Thomas Charles Cook	<i>Sociology and Anthropology</i>	Rene Aaron Launstein	<i>Psychology</i>
Stanley Royce Crissman	<i>Social Science</i>	John K. Lem	<i>Geography</i>
Robert Thomas Curran	<i>Social Work</i>	Richard Steven Lenett	<i>Social Science</i>
Robert Leo Curtis	<i>Social Science</i>	Thomas Richard Lerra	<i>Social Science</i>
Mara Davis	<i>Sociology and Anthropology</i>	Thomas Mark Lettich	<i>Social Science</i>
William George Davis	<i>Social Science</i>	Allen Joel Lippitt	<i>Economics</i>
William P. Deacon	<i>Social Science</i>	John James Little	<i>Psychology</i>
Kathleen Cumming DeBoskey	<i>Political Science</i>	†Richard Arthur Localio	<i>Social Science</i>
Peter Joseph DeSano	<i>Psychology</i>	James Coleman Ludlum	<i>Political Science</i>
Barbara Kay Ditzler	<i>Sociology and Anthropology</i>	Bradley Robert Mack	<i>Economics</i>
Victor Matthew Dmitruk	<i>Psychology</i>	Mary Anne Mancevich	<i>History</i>
Charles Oliver Durocher	<i>Economics</i>	Albert Michael Manzagol	<i>Social Science</i>
Ronald Layne Eastman	<i>Economics</i>	*Robert Mark Mazess	<i>Political Science</i>
Charles Andrew Egeler	<i>Social Science</i>	David Samuel Molitz	<i>Social Science</i>
H†Jane Faith Eilola	<i>Social Science</i>	Charles William Mugg	<i>Social Science</i>
		Dennis Michael Murphy	<i>Economics</i>
		Gloria Ann Murray	<i>Social Science</i>
		James Douglas Nigrelli	<i>Political Science</i>
		Arthur Harlow Oestreich	<i>Social Science</i>
		*Frederick Moses Okatcha	<i>Psychology</i>

H Honors College

* With Honor

† With High Honor

COLLEGE OF SOCIAL SCIENCE

DEGREE OF BACHELOR OF ARTS (Continued)

Kenneth George Olson	<i>Social Science</i>	Joe David Sutton	<i>Political Science</i>
Dorothy Jean Orsborn	<i>Social Work</i>	Henry George Symanski	<i>Psychology</i>
Mary Jo Petroschus	<i>Psychology</i>	Paul Joseph Tendler	<i>Social Science</i>
Jimmy George Putnam	<i>Social Work</i>	Jon Harold Thornell	<i>Political Science</i>
Carl Wesley Roeser	<i>Psychology</i>	Julaine Berg Toridis	<i>Social Science</i>
Thomas Clinton Rowe	<i>Economics</i>	Kenneth Richard Van Loo	<i>Social Science</i>
Harry Vance Ryerson	<i>Political Science</i>	Lawrence Komla Venyah	<i>Economics</i>
Mary Helen Salmon	<i>Social Work</i>	*Arthur Harold Victor	<i>Social Science</i>
Jon William Schroeder	<i>Political Science</i>	Lee Paul Weber	<i>Political Science</i>
June Faye Sidewater	<i>Social Work</i>	Mary Alice Williams	<i>Social Science</i>
H *Daniel Burke Skeen	<i>Political Science</i>	Charles Dwayne Wilson	<i>Social Work</i>
*Carol Eva Spielman	<i>Social Science</i>	James Norman Wood	<i>Psychology</i>
F. Michael Stapish	<i>Social Science</i>	John Frederick Wortman	<i>Social Science</i>
Mark Scheinman Stein	<i>Social Science</i>	Hobart Temple Wright	<i>Sociology and Anthropology</i>
Benny J. Sturges	<i>Social Science</i>		

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Jamie Ann Bullock	<i>Social Science</i>	Sylvia Kay Lutes	<i>Social Science</i>
Joseph Anthony Callahan	<i>Social Science</i>	†Karen Gail Maxwell	<i>Social Science</i>
*Elaine Elizabeth Cavin	<i>Social Science</i>	Bonnie June McDowell	<i>Social Science</i>
Paul Gordon Conway	<i>Social Science</i>	Jacob Dennis Rappuhn	<i>Social Science</i>
Frederick C. Crow, Jr.	<i>History</i>	Ellen Sunday Sage	<i>Social Science</i>
Philip Louis Hummel	<i>Social Science</i>	James Roy Schluentz	<i>Social Science</i>
Harry Charles Kegley	<i>Social Science</i>	Linda Jo Slaughter	<i>Social Science</i>
Newton Carlton Kindlund	<i>History</i>	*Laura Lee Sweany	<i>Social Science</i>
H †Ann Marie E. Knoop	<i>Social Science</i>	James Richard Thomas	<i>Social Science</i>
Marcia A. Lewis	<i>Social Science</i>		

DEGREE OF BACHELOR OF SCIENCE

Robert A. Balan	<i>Psychology</i>	David Lee Coryell	<i>Law Enforcement Administration</i>
William Wentworth Beeuwkes	<i>Psychology</i>	Jack Charles Crandall	<i>The Prevention and Control of Delinquency and Crime</i>
James Henry Bloom	<i>Law Enforcement</i>	James Henry Davey	<i>Psychology</i>
H Walter Benjamin Bonner	<i>Industrial Security Administration</i>	Cecilia Eileen Domzalski	<i>The Prevention and Control of Delinquency and Crime</i>
Martin Prosper Carso	<i>Law Enforcement Administration</i>	Thomas Peter Druskins	<i>Police Science</i>
†Neil Charles Chamelin	<i>Law Enforcement Administration</i>	Robert Harold Easton	<i>Law Enforcement Administration</i>
Donald Lucky Clark	<i>Industrial Security Administration</i>	H †Perry Roy Eichor	<i>Law Enforcement Administration</i>
*Walter Gerald Cleveland	<i>Industrial Security Administration</i>	Nelson Raymond Green	<i>Industrial Security Administration</i>
Thomas James Cook	<i>Industrial Security Administration</i>	James Joseph Gregart	<i>Law Enforcement Administration</i>

H Honors College

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DEGREE OF BACHELOR OF SCIENCE (Continued)

H* Lennart U. Gunnerfeldt *Law Enforcement Administration*
 James A. Hill *Law Enforcement Administration*
 Dennis J. Ingram *Industrial Security Administration*
 Michael David Jackson *Industrial Security Administration*
 Robert James Jacobson *Law Enforcement Administration*
 Aubrey Arthur Johnson *Industrial Security Administration*
 Ronald Frederick Johnson *Landscape Architecture*
 Dean Jerome Johnson *Police Science*
 Ronald Eugene Jorgenson *Industrial Security Administration*
 Erland William Kivisto *Urban Planning*
 Frederick Charles Markham *Landscape Architecture*
 David Francis Moore *Industrial Security Administration*
 Joel Peter Morbito *Urban Planning*

Peter Raymond Morey *Law Enforcement Administration*
 Doug John Neuenschwander *Law Enforcement Administration*
 Donald Paul Neumann *Law Enforcement Administration*
 Donald L. Park *Industrial Security Administration*
 Patricia L. Purdon *Police Science*
 Richard Alexander Riegel *Urban Planning*
 Dennis Wilson Schaefer *Law Enforcement Administration*
 Harold Frank Schwartzberg *Urban Planning*
 William Francis Slowinski *Police Science*
 † Garry Kenneth Stolicker *Urban Planning*
 Kenneth Gardner Strobel *Urban Planning*
 Robert Vernon Terpstra *Law Enforcement Administration*
 Theodore Ernest Tetreault *Law Enforcement Administration*
 John Eric Victor *Psychology*
 Richard Dean Williams *Industrial Security Administration*

DEGREE OF MASTER OF ARTS

Alan Francis Arcuri *Political Science*
 Ann Warren Baker *Sociology and Anthropology*
 Nicholas Joseph Borrelli *Psychology*
 Edith Dunford *Economics*
 Milton Esbitt *Economics*
 Thomas Rixon Fennell *Social Science*
 Michael Richard Ferrari, Jr. *Sociology and Anthropology*
 Karen Gernant *Political Science*
 James Francis Ghastin, Sr. *Psychology*
 Dario Gonzalez *Economics*
 Burton Alan Grossman *Psychology*
 Robert Sheldon Hanes *Social Science*
 Damian Francis Hannan *Sociology and Anthropology*
 Calvin A. Hoerneman, Jr. *Economics*
 Ruby Louise Jennings *Sociology and Anthropology*
 Geoffrey Dale Johnson *Psychology*
 Tai Sung Kim *Political Science*

James Edward Kitchen *Economics*
 David Alan Kopplin *Psychology*
 David Alan Larson *Economics*
 Gerda Tjioe Gwat Liem *Psychology*
 Martin Ernest McGuire *Sociology and Anthropology*
 Rahim Oghalai *Geography*
 Richard Fay Pain *Psychology*
 Jack Schwartz *Sociology and Anthropology*
 Raghubans Saudagar Singh *Sociology and Anthropology*
 Alice Annette Skranz *Sociology and Anthropology*
 Worth Cary Summers *Sociology and Anthropology*
 Edward Taylor, Jr. *Sociology and Anthropology*
 William Norman Thompson *Political Science*
 Suwanai Thongnop *Sociology and Anthropology*

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COLLEGE OF SOCIAL SCIENCE

DEGREE OF MASTER OF ARTS (Continued)

Lois Quick Williams
Roger Lindsay Williamson

Psychology
Psychology

Lucius David Wycliffe
Warren Eric Zimmer

Political Science
Psychology

DEGREE OF MASTER OF ARTS FOR TEACHERS

Thomas Harley Franks

Geography

DEGREE OF MASTER OF SCIENCE

Martin George Miller *The Prevention and*
 Control of Delinquency and Crime

DEGREE OF MASTER OF SOCIAL WORK

William Keith Dailey
Agnes Ellene Green

Patricia June Hughes
Adolphus David Waugh

DEGREE OF MASTER OF URBAN PLANNING

Donn Leonard Anderson

Gerald Randolph Gill

SCHOOL FOR ADVANCED GRADUATE STUDIES

The candidates will be presented by ASSISTANT DEAN ALLAN TUCKER

DIPLOMA FOR ADVANCED GRADUATE STUDY

Leon Laverne Bodell	B.S., Central State Teachers College; M.A., Michigan State University. Education. <i>Major Professor:</i> C. M. Campbell, Professor.
Newell Douglas Burt	A.B., Kalamazoo College; A.M., University of Michigan. Education. <i>Major Professor:</i> R. L. Featherstone, Associate Professor.
Leonard Keith Cheney	B.S., Michigan State University; M.S., University of Michigan Education. <i>Major Professor:</i> C. Campbell, Professor.
Frederick Raymond Cousino, Jr.	A.B., Calvin College; M.A., Michigan State University. Education. <i>Major Professor:</i> W. A. Mann, Professor.
Edward Everett Heathcote	A.B., M.A., Western Michigan University. Education. <i>Major Professor:</i> F. J. Vescolani, Associate Professor.
William Arnold Poppink	A.B., University of Michigan; A.M., Hope College. Education. <i>Major Professor:</i> C. Campbell, Professor.
Gerrit J. TenBrink	B.A., Calvin College; M.A., University of Michigan. Education. <i>Major Professor:</i> J.H. Suehr, Assistant Professor.
John W. Travis	B.S., Taylor University; M.A., Michigan State University. Education. <i>Major Professor:</i> F. J. Vescolani, Associate Professor.

CANDIDATES FOR THE DOCTORAL DEGREES

John Lawrence Abbott, Ph.D.	B.A., Michigan State University; M.A., Ohio State University. English. <i>Major Professor:</i> A. Sherbo, Professor. <i>Thesis:</i> "Johnson's Translations from the French."
Philip P. Amato, Ph.D.	A.B., M.A., Emerson College. Speech. <i>Major Professor:</i> F. G. Alexander, Associate Professor. <i>Thesis:</i> A Comparative Study of Programmed Instruction and Video-Taped Lecture in Public Speaking.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Adnan M. Badran, Ph.D. B.S., Oklahoma State University; M.S., Michigan State University.
Horticulture. *Major Professor:* D. R. Dilley, Assistant Professor.
Thesis: Environmental Studies on Maturation of the McIntosh Apple.
- Carl Jay Bajema, Ph.D. B.S., M.A., Western Michigan University.
Zoology. *Major Professor:* P. J. Clark, Professor.
Thesis: The Estimation of the Direction and Intensity of Natural Selection in Relation to Human Intelligence by Means of the Intrinsic Rate of Natural Increase.
- Edward James Barnes, Ph.D. B.A., San Francisco State College; M.S.W., University of California.
Psychology. *Major Professor:* A. I. Rabin, Professor.
Thesis: Psychotherapists' Conflicts, Defense Preferences, and Verbal Reactions to Certain Classes of Client Expressions.
- George Warren Beebe, Ph.D. B.S., Wisconsin State College.
Chemistry. *Major Professor:* R. M. Herbst, Professor.
Thesis: 5-Carboxymethyltetrazole and Derivatives as Active Methylene Compounds.
- Kenneth Eldred Beighley, Ph.D. B.S., Wisconsin State College; M.S., University of Wisconsin.
Education. *Major Professor:* C. A. Blackman, Associate Professor.
Thesis: A Study of Female College Graduates Certifying for Elementary School Teaching.
- Ernest Phillip Benson, Jr., Ph.D. B.S., Geneva College.
Chemistry. *Major Professor:* C. H. Brubaker, Jr., Professor.
Thesis: The Acceleration of the Uranium (IV)-Uranium (VI) Electron Exchange Reaction by Tartaric Acid.
- Charles Lawrence Beymer, Ph.D. B.S., M.A., Purdue University.
Education. *Major Professor:* J. S. Costar, Associate Professor.
Thesis: A Study of the Effects of Group Interpretation of Aptitude Test Results Upon the Estimates of Abilities and the Estimates of Test Performance of a Group of Seventh Grade Pupils.
- John Lewis Blaisdell, Ph.D. B.S., M.S., University of Massachusetts.
Food Science. *Major Professor:* I. J. Pflug, Professor.
Thesis: Natural Convection Heating of Liquids in Unagitated Food Containers.

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Sara-Jo Kleinheksel Bolte, Ph.D. B.S., Michigan State University.
Chemistry. *Major Professor:* M. T. Rogers, Professor.
Thesis: A Study of the Radicals in Irradiated Amides by Electron Spin Resonance Spectroscopy.
- Edwin C. Bomeli, Ph.D. B.S., Ohio State University; M.A., Butler University.
Business Administration. *Major Professor:* J. D. Edwards, Professor.
Thesis: The Audit of Management Performance.
- Laverne Henry Boss, Ed.D. B.A., Michigan State University; M.A., Western Michigan University.
Education. *Major Professor:* D. J. Leu, Professor.
Thesis: Role Expectations Held for the Intermediate School District Superintendent in Michigan.
- Kimon Bournazos, Ph.D. B.S., M.A. Michigan State University.
Education. *Major Professor:* H. J. Dillon, Professor.
Thesis: A Comparative Study of the Effects of Vocational Training on the Career Patterns of High School Graduates.
- Gerald Hald Brandt, Ph.D. B.S., Oregon State College; M.S., Michigan State University.
Soil Science. *Major Professor:* A. E. Erickson, Professor.
Thesis: The Estimation of Dissolved Oxygen Concentrations in Soils with Bare, Stationary Platinum Wire Electrodes.
- Fred J. Brieve, Ed.D. A.B., Hope College; M.A., Michigan State University.
Education. *Major Professor:* F. G. Parker, Associate Professor.
Thesis: A Follow-Up Study of Selected Contract Field Studies Conducted in Various Michigan Public Schools by Michigan State University.
- Esther Louise Brown, Ph.D. B.S., Iowa State College; M.P.H., University of Michigan.
Nutrition. *Major Professor:* O. Mickelson, Professor.
Thesis: Effect of Feeding Excess Thiamine in the Basal Ration of the Albino Rat.
- Robert Stanley Brown, Ed.D. A.B., Western Michigan University; M.A., University of Michigan.
Education. *Major Professor:* W. F. Johnson, Professor.
Thesis: A Study of the Self-Concept Phenomenon of Secondary School Counselors.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Charles Douglas Bryant, Sr., Ed.D. B.S., M. Agr. Ed., North Carolina State College.
Education. *Major Professor:* H. P. Sweany, Associate Professor.
Thesis: Role Priorities of Beginning and Experienced Teachers of Vocational Agriculture in North Carolina.
- Robert Louis Bryant, Ph.D. B.S., M.S., Louisiana State University.
Forestry. *Major Professor:* T. D. Stevens, Professor.
Thesis: The Lowland Hardwood Forests of Ingham County, Michigan: Their Structure and Ecology.
- Wilfred Keith Bryant, Ph.D. B.S.A., Ontario Agriculture College; M.S., Michigan State University.
Agricultural Economics. *Major Professor:* D. E. Hathaway, Professor.
Thesis: An Analysis of Inter-Community Income Differentials in Agriculture in the United States.
- Charles Allen Buehler, Ph.D. B.S., College of St. Thomas.
Chemistry. *Major Professor:* H. Hart, Professor.
Thesis: Part I—Dipositive Carbonium Ions Part II—Peroxytrifluoroacetic Acid—Boron Fluoride as a Source of Positive Hydroxyl.
- Philip Fernando Caracena, Ph.D. B.A., Lafayette College; M.A., Temple University.
Psychology. *Major Professor:* C. Hanley, Associate Professor.
Thesis: Verbal Reinforcement of Client Dependency in the Initial Stage of Psychotherapy.
- Joyce Murriell Chick, Ph.D. B.S., M.S., Florida State University.
Education. *Major Professor:* W. F. Johnson, Professor.
Thesis: A Study of Semantic Variance in Recommendations of Student Potential to College Personnel Admissions Officers.
- Attru Mallikarjaniah Chowdiah, Ph.D. B.S., University of Madras; M.S., Michigan State University.
Civil Engineering. *Major Professor:* S. Serata, Assistant Professor.
Thesis: Stress Distribution Around Cavities in Underground Salt Formations.
- Fernando Colon, Ph.D. B.A., Blackburn College; M.A., Michigan State University.
Psychology. *Major Professor:* B. L. Kell, Professor.
Thesis: A Study of Response to Achromatic and Chromatic Stimuli.
- Julian Anthony Crawford, Ph.D. B.S., M.S., Michigan State University.
Physics. *Major Professor:* D. J. Montgomery, Professor.
Thesis: The Electrical Conductivity of Single Crystal Cr_2O_3 .

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Harold A. Daisher, Ph.D. B.A., University of Michigan; M.A., Eastern Michigan University.
Education. *Major Professor:* J. E. Jordan, Associate Professor.
Thesis: An Appraisal of Rehabilitation Industries, Inc. through Analysis
of the Services Provided to its Former Employees.
- Calvin A. Davenport, Ph.D. B.S., Virginia State; M.S., Michigan State University.
Microbiology and Public Health. *Major Professor:* W. L. Mallmann, Pro-
fessor.
Thesis: Precipitinogenic Relationships of Mycobacteria of Bovine, Swine,
Human and Soil Origins.
- Gilbert Williams DeRath, Ph.D. B.S., M.S., Trinity University.
Psychology. *Major Professor:* C. Hanley, Associate Professor.
Thesis: The Effects of Verbal Instruction on Imitative-Aggression.
- Vincent Thomas D'orazio, Ph.D. B.S., University of Illinois.
Chemistry. *Major Professor:* R. M. Herbst, Professor.
Thesis: Optically Active Tetrazole Analogs of Amino Acid.
- Nick Figetakis, Ph.D. B.A., University of Akron; M.A., Kent State University.
Psychology. *Major Professor:* A. I. Rabin, Professor.
Thesis: Process-Reactive Schizophrenia: Ego-Strength and Selected Psy-
chosexual Dimensions.
- Essex Eugene Finney, Jr., Ph.D. B.S., Virginia Polytechnic Institute; M.S., Pennsylvania State University.
Agricultural Engineering. *Major Professor:* C. W. Hall, Professor.
Thesis: The Viscoelastic Behavior of the Potato, Solomum Tuberosum,
Under Quasi-static Loading.
- Eloy Fominaya, Ph.D. B.Mus., Lawrence College; M.Mus., North Texas State College.
Music. *Major Professor:* H. O. Reed, Professor.
Thesis: Concerto for Viola and Orchestra.
- Sheldon LeRoy Fordham, Ed.D. B.S., M.S., University of Illinois.
Education. *Major Professor:* W. D. Van Huss, Professor.
Thesis: A Study of the Relationships of Selected Factors to Academic
Success in Professional Physical Education at the University of
Illinois.
- Frederick William Fuess, Ph.D. M. Ed., Cornell University.
Crop Science. *Major Professor:* M. B. Tesar, Professor.
Thesis: An Analysis of Differential Yields in Alfalfa (*Medicago sativa* L.)
with Special Reference to Factors Affecting Net Production and
Photosynthetic Activity.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- James McCulloch Fulton, Ph.D. B.S., Macdonald College; M.S., University of Toronto.
Soil Science. *Major Professor:* A. E. Erickson, Professor.
Thesis: The Relation Between Soil Aeration and the Accumulation of
Ethanol and Certain Other Metabolites in Tomato Plants.
- John Henry Green, Ph.D. B.A., University of Rochester; M.S., Albany State Teachers College.
Microbiology and Public Health. *Major Professor:* H. L. Sadoff, Associate
Professor.
Thesis: Comparison of Soluble Reduced Nicotinamide Adenine Dinucleo-
tide Oxidases from Vegetative Cells and Spores of *Clostridium*
botulinum 62-A.
- David Gerald Greene, Ph.D. B.B.A., M.A., University of Florida.
Economics. *Major Professor:* W. P. Strassmann, Professor.
Thesis: Steel and Economic Development: Capital-output Ratios in Three
Latin American Steel Plants.
- Richard Fredrick Gross, Ph.D. A.B., Wheaton College; M.A., Michigan State University.
Education. *Major Professor:* W. F. Johnson, Professor.
Thesis: A Study of Inservice Education Programs for Student Personnel
Workers in Selected Colleges and Universities in the United States.
- Robert Michael Harrison, Ph.D. B.S.A., M.S., University of Arkansas.
Soil Science. *Major Professor:* A. R. Wolcott, Associate Professor.
Thesis: Quantitative and Qualitative Changes in Soil Organic Matter as
Related to Residue Additions, Cropping Sequence and Management.
- Marion Hanley Hill, Ph.D. B.S., M.S., Michigan State University.
Education. *Major Professor:* H. J. Dillon, Professor.
Thesis: The Practical Nurse: Role Expectations Held by Relevant Groups.
- Don Morgan Huber, Ph.D. B.S., M.S., University of Idaho.
Botany and Plant Pathology. *Major Professor:* A. L. Andersen, Associate
Professor.
Thesis: Investigation on Root Rot of Beans Caused by *Fusarium solani* f.
phaseoli.
- Gordon Mahlon Hyde, Ph.D. B.A., Andrews University; M.S., University of Wisconsin.
Speech. *Major Professor:* K. G. Hance, Professor.
Thesis: A Case Study Approach to the Rhetorical Analysis of the Wash-
ington Preaching of Dr. Peter Marshall.

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Nathan Aldean Ivey, Ed.D. B.S., Harkin-Simmons University; M.B.A., Texas Theological College. Education. *Major Professor:* A. M. Eldersveld, Associate Professor.
Thesis: The Development and Role of Non-Public Higher Education in Michigan.
- Carl Raymond Jantzen, Ph.D. B.A., Bethel College; M.A., Michigan State University. Sociology and Anthropology. *Major Professors:* I. Ishino, Professor and J. Useem, Professor.
Thesis: A Study in the Theory and Methodology in Community Time Allocation.
- David Clifford Kay, Ph.D. B.S., Otterbein College; M.S., University of Pittsburgh. Mathematics. *Major Professor:* L. M. Kelly, Professor.
Thesis: Ptolemaic Metric Spaces and the Characterization of Geodesics by Vanishing Metric Curvature.
- Kenneth K. Keahey, Ph.D. B.S., D.V.M., Oklahoma State University. Veterinary Pathology. *Major Professor:* C. K. Whitehair, Professor.
Thesis: Pathology of Protein Malnutrition and Infection.
- Richard Allen Kent, Ph.D. B.S., College of Idaho. Chemistry. *Major Professor:* H. A. Eick, Associate Professor.
Thesis: The Vaporization and Thermodynamics of Thorium Dicarbide.
- Allen Neal Kepke, Ph.D. B.A., Otterbein College; M.A., Ohio State University. Speech. *Major Professor:* J. E. Dietrich, Professor.
Thesis: A Study of Changes in Perception of Character by Actors, Director and Audience Using Q-Methodology.
- David Eugene Kidd, Ph.D. B.S., Arizona State College; M.S., Northwestern University; M.S.T., University of New Hampshire. Botany and Plant Pathology. *Major Professor:* G. W. Prescott, Professor.
Thesis: Algal Taxonomy and Ecology of a Transcontinental Divide Transect.
- Robert Kleinberg, Ph.D. B.S., Polytechnic Institute of Brooklyn; M.S., University of Illinois. Physics. *Major Professor:* R. D. Spence, Professor.
Thesis: A Study of the Antiferromagnetic Structures in $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$, $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$, and $\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Haribhajan Singh Kocher, Ph.D. B.S., Oklahoma State University; M.S., Purdue University.
Applied Mechanics. *Major Professor:* C. A. Tatro, Professor.
Thesis: The Effect of Free Stream Turbulence Intensity on the Boundary Layer Transition Around a Circular Cylinder.
- Ervin Thaddeus Kornegay, Ph.D. B.S., M.S., North Carolina State University.
Animal Husbandry. *Major Professor:* J. A. Hoefer, Professor.
Thesis: Effects of Intraperitoneal Injections of Urease Upon Performance and Hematology of Growing Swine. I. Immunization. II. Toxicity.
- Don Lee Kulow, Ph.D. B.S., Michigan State University; M.S., Duke University.
Forestry. *Major Professor:* V. J. Rudolph, Associate Professor.
Thesis: Comparison of the Sampling Methods Used in Forestry.
- Laurine Anna LaPlanche, Ph.D. B.S., University of Maryland.
Chemistry. *Major Professor:* M. T. Rogers, Professor.
Thesis: A Study of Hydrogen Bonding and Rotational Isomerism in Amides by Nuclear Magnetic Resonances.
- William Wright Lester, Ph.D. B.S., M.S., Michigan State University.
Physics. *Major Professor:* E. A. Hiedemann, Professor.
Thesis: A Theoretical and Experimental Study of the Propagation of Plane Finite Amplitude Waves in Real Fluids.
- Hiram John Lyke, Ph.D. B.S., University of Wisconsin; M.A. Temple University.
Psychology. *Major Professor:* J. Reyher, Associate Professor.
Thesis: The Lyke Likeness Inventory: A Study of Identification.
- James Clarence Makens, Ph.D. B.S., Colorado State University; M.S., Michigan State University.
Poultry Science. *Major Professor:* J. A. Davidson, Professor.
Thesis: The Influence of Brands Upon Consumer Preferences for Frozen, Whole Turkey.
- Gary Andre Marple, D.B.A. B.S., Drake University; M.B.A., Michigan State University.
Marketing. *Major Professor:* W.J.E. Crissy, Professor.
Thesis: "A Study of Sales Compensation in the Ethical Pharmaceutical Industry: Its Association with Sales Effectiveness, Managerial Control, Job Requirements and Sales Managers' Attitudes Toward Compensation Criteria."

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- William Clearon Mills, Jr., Ph.D. B.S., North Carolina State College; M.S., Michigan State University.
Poultry Science. *Major Professor:* J. A. Davidson, Professor.
Thesis: A Study of Consumer Preference for Turkeys with Various Grade Designations and Prices.
- Julio Victor Pabon, Ph.D. B.S., University of Puerto Rico.
Chemistry. *Major Professor:* J. C. Speck, Jr., Associate Professor.
Thesis: Purification and Properties of a New β -D-Glucuronidase.
- Thomas Nicholas Pappas, Ph.D. M.A., Wayne State University.
Speech. *Major Professor:* D. C. Ralph, Associate Professor.
Thesis: A Study of the Rhetorical Theory and Selected Speeches of Aeneas Sylvius Piccolomini.
- Ernest Caleb Pasour, Jr., Ph.D. B.S., M.S., North Carolina State College.
Agricultural Economics. *Major Professor:* R. L. Gustafson, Associate Professor.
Thesis: An Analysis of Intraseasonal Apple Price Movements.
- Vito Perrone, Ph.D. B.S., M.A., Michigan State University.
Education. *Major Professor:* H. C. Rudman, Professor.
Thesis: An Image of America Conceived in Mexican and Argentine Social Studies Textbooks.
- Donald John Rauch, Ph.D. B.S., Washington University; M.S., Michigan State University.
Electrical Engineering. *Major Professor:* M.B. Reed, Professor.
Thesis: "On the Realization of Time Domain Models of Real Linear Bielement Systems."
- Lawrence H. Rice, Ph.D. B.A., M.A., Utah State College.
English. *Major Professor:* L. Babb, Professor.
Thesis: The Ecclesiastical Polity of Francis Bacon.
- Gail Daniel Riegle, Ph.D. B.S., Iowa State University; M.S., Michigan State University.
Physiology. *Major Professor:* J. E. Nellor, Associate Professor.
Thesis: Plasma Adrenocorticotrophic and Glucocorticoid Hormone Levels During Aging in Cattle.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Edward Rutkowski, Ph.D. B.S., Marquette University; M.A., Michigan State University.
Education. *Major Professor:* C. H. Gross, Professor.
Thesis: A Study of the Various Viewpoints Expressed Concerning the
Establishment of University Schools of Education During their
Formative Years 1890-1905.
- Vance LaVerne Sanger, Ph.D. A.B., Manchester College; D.V.M., M.S., Ohio State University.
Veterinary Pathology. *Major Professor:* C. C. Morrill, Professor.
Thesis: The Pathogenesis of Osteopetrosis in Chickens.
- Rudolph Arthur Scheibner, Ph.D. B.S., M.S., Michigan State University.
Entomology. *Major Professor:* R. L. Fischer, Associate Professor.
Thesis: A Taxonomic Study of the Genus *Ceutorhynchus* (Coleoptera,
Curculionidae).
- Ada Jeanette Sexton, Ph.D. B.S., M.A., Ohio State University.
Education. *Major Professor:* P. L. Dressel, Professor.
Thesis: Music and General Education.
- David Lear Shull, Ph.D. B.S., M.S., Michigan State University.
Zoology. *Major Professor:* R. C. Ball, Professor.
Thesis: Ecological Characteristics of Two Michigan Marl Forming Lakes.
- Ronald V. Singer, Ph.D. B.A., University of Cincinnati; M.A., Temple University.
Psychology. *Major Professor:* M. R. Denny, Professor.
Thesis: Incidental and Intentional Learning in Retarded and Normal
Children.
- Sharon Kay Slack, Ph.D. B.S., Indiana State Teachers College.
Chemistry. *Major Professor:* G. L. Goerner, Professor.
Thesis: Nitrogen Mustard Derivatives Related to Bisdehydrodisynolic
Acid.
- Robert Joseph Spahn, Ph.D. B.S., Michigan College of Mining and Technology.
Physics and Astronomy. *Major Professor:* A. Leitner, Professor.
On the Diffraction of Plane Electromagnetic Waves by an Infinite Slit.
- Harold Everett Swaisgood, Ph.D. B.S., Ohio State University.
Chemistry. *Major Professor:* H. A. Lillevik, Associate Professor.
Thesis: The Isolation and Physical Chemical Properties of Kappa-Casin
from Cow's Milk.

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- David Dakin Taft, Ph.D. A.B., Kenyon College.
Chemistry. *Major Professor:* R. D. Schuetz, Professor.
Thesis: The Reactions of Organolithium Compounds: I. A New Synthetic Route to the Thiophenecarboxaldehydes and Acylthiophenes. II. The Synthesis of Fluorinated Heterocyclics with Perchloryl Flouride.
- Donald Medley Topping, Ph.D. A.B., M.A., University of Kentucky.
English, *Major Professor:* H. Wolff, Professor.
Thesis: Chamorro Structure and the Teaching of English
- John Charles Toth, Ph.D. B.A., M.A., Michigan State University.
Education. *Major Professor:* J. E. Jordan, Associate Professor.
Thesis: An Analysis of the Nature and Extent of Rehabilitation in Guatemala.
- Robin Lewis Vannote, Ph.D. B.S., University of Maine; M.S., Michigan State University.
Fisheries and Wildlife. *Major Professor:* R. C. Ball, Professor.
Thesis: Community Productivity and Energy Flow in An Enriched Warm-Water Stream.
- Robert Wyman Walker, Ph.D. B.S., M.S., University of Massachusetts.
Microbiology and Public Health. *Major Professor:* W. L. Mallman, Professor.
Thesis: The Isolation and Identification of Type-Specific Lipids from Mycobacteria.
- Peter Paul Wallus, Ph.D. B.A., Western Michigan University; M.A., University of Michigan.
Education. *Major Professor:* G. R. Myers, Associate Professor.
Thesis: "A Study of Selected Factors Related to the Communication Process Used by Curriculum Directors in Michigan Public Schools."
- John Henry Wieland, Ph.D. A.B., Oberlin College; M.B.A., Michigan State University.
Marketing. *Major Professor:* W. J. E. Crissy, Professor.
Thesis: "The Salesman: A Manager."
- Leamon Dale Williams, Ph.D. B.S., M.S., University of Arkansas.
Food Science. *Major Professor:* A. M. Pearson, Professor.
Thesis: Studies on Volatile and Non-Volatile Components of Pork Adipose Tissue.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Daniel Francis Wozniak, Ph.D. B.S., M.S., Iowa State College.
Communication. *Major Professor:* H. Kumata, Professor.
Thesis: A Factor Analytic Study of Semantic Structures of Closed, Open
and Medium Beliefs—Disbeliefs Systems.
- Wei Wen Yu, Ph.D. B.S., National Taiwan University; M.S., Michigan State University.
Agricultural Engineering. *Major Professor:* J. S. Boyd, Professor.
Thesis: An Analysis of Silage Pressure in Cylindrical Tower Silos.
- Elwyn Ernest Zimmerman, Ph.D. B.S., Ball State Teachers College; M.A., Michigan State University.
Education. *Major Professor:* W. Norris, Associate Professor.
Thesis: Student Perception of Student Personnel Services at M.S.U.
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GRADUATES AS OF AUGUST 30, 1963

DIPLOMA FOR ADVANCED GRADUATE STUDY

- Nina Krantz Berger A.B., Calvin College; M.A., Michigan State University.
Education. *Major Professor:* F. J. Vescolani, Associate Professor.
- Derand Jones A.B., Eastern Nazarene College; A.M., University of Vermont.
Education. *Major Professor:* F. G. Parker, Associate Professor.
- Edward Prins B.A., Hope College; M.A., Michigan State University.
Education. *Major Professor:* W. H. Roe, Professor.
- William John Rogers B.S., M.A., Central Michigan University.
Education. *Major Professor:* F. G. Parker, Associate Professor.

DOCTORAL DEGREES

- James Norman Allen, Ph.D. B.A., M.A., Michigan State University.
Psychology. *Major Professor:* M. R. Denny, Professor.
Thesis: The Influence of Stimulus Satiability on Learning Two Different
Tasks.

DOCTORAL DEGREES (Continued)

- Harry Ausprich, Ph.D. B.A., New York State College for Education; M.A., University of Wisconsin.
Speech. *Major Professor:* D. C. Ralph, Associate Professor.
Thesis: A Rhetorical Analysis of the Restoration Prologue and Epilogue.
- Richard James Ball, Ph.D. B.S., M.S., Ohio State University.
Psychology. *Major Professor:* S. H. Bartley, Professor.
Thesis: An Investigation of Chromatic Brightness Enhancement Tendencies.
- Larry Eugene Ballard, Ph.D. A.B., Indiana University.
Chemistry. *Major Professor:* J. B. Kinsinger, Associate Professor.
Thesis: Dilute Solution Properties of Polyoctene-1.
- Walter Rosser Banks, Ph.D. B.A., Rutgers University; M.A., Michigan State University.
Sociology. *Major Professor:* D. W. Olmstead, Professor.
Thesis: A Source of Social Protest: The Predicament of the Status Inconsistent Negro.
- John Vidal Battram, Ph.D. B.A., The Principia College, M.A., College of William and Mary.
Education. *Major Professor:* C. F. Schuller, Professor.
Thesis: Teacher Perceptions Relating to the Newer Communications Media: A Study of Teacher Perceptions as Related to the Use of the Newer Communications Media in Instruction and to the Mature and Quality of Such Use.
- Stuart Kenneth Bergsma, Ph.D. B.A., Calvin College; M.A., Michigan State University.
Education. *Major Professor:* R. L. Featherstone, Associate Professor.
Thesis: The Relationship of Selected School District Characteristic Upon the Use of Educational Television in Michigan Public Schools.
- William Errol Blass, Ph.D. B.A., St. Mary's College.
Physics. *Major Professor:* T. H. Edwards, Associate Professor.
Thesis: Rotation-Vibration Spectra of Axially Symmetric Molecules with Localized Perturbations.
- William Edison Blewett, Ph.D. A.B., Alma College; A.M., University of Michigan; B.D., Episcopal Theological School.
Arts and Letters. *Major Professor:* H. H. Kimber, Professor.
Thesis: Jeremy Taylor: Baconian, Socinian and Arminian Influences Upon His Thought.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES (Continued)

- Paul Vaughn Braden, Ph.D. B.A., M.A., Michigan State University
Education. *Major Professor:* P. G. Haines, Associate Professor.
Thesis: The Effect of Vocational Office Training Upon Subsequent Career Patterns.
- Kathryn Neva Burns, Ph.D. B.A., M.A., Northwestern University.
Education. *Major Professor:* P. L. Dressel, Professor.
Thesis: A Study of the Role that Reading Plays in the Educational Experience of a Group of Students at Michigan State University.
- Alex James Cade, Ph.D. B.S., M.S., Tennessee State University.
Education. *Major Professor:* G. A. Miller, Associate Professor.
Thesis: The Relationship Between Counselor-Client Cultural Background Similarity and Counseling Progress.
- Howard King Cameron, Ph.D. A.B., Talladega College; M.A., New Mexico Highlands University.
Psychology. *Major Professor:* D. R. Krathwohl, Professor.
Thesis: A Study of the Effectiveness of Feedback in Teaching Principles of Educational Psychology.
- Carmine Frank Casella, Ph.D. B.S., Brooklyn College; M.S., City College of New York.
Psychology. *Major Professor:* M. R. Denny, Professor.
Thesis: The Effects of Basal Ganglia Surgery (Chemopallidectomy) on Developmental Levels.
- David Djen-Hsien Cheng, Ph.D. B.S., University of Kentucky; M.S., Michigan State University.
Electrical Engineering. *Major Professor:* G. P. Weeg, Professor.
Thesis: A Method of Translating Simple Chinese Texts into English by Machine.
- Kun Mo Thomas Chung, Ph.D. B.S., Seoul National University.
Physics. *Major Professor:* P. M. Parker, Associate Professor.
Thesis: Molecular Asymmetric-Top Vibration-Rotation Hamiltonians.
- Otis Everett Cross, Ph.D. B.S., Kansas State University; M.S., University of Georgia.
Agricultural Engineering. *Major Professor:* J. S. Boyd, Professor.
Thesis: The Influence of Variable Parameters on the Electro-Osmotic Moisture Migration in Poultry Excrement.

DOCTORAL DEGREES (Continued)

- Herbert Conrad Dostal, Ph.D. B.S., M.S., Michigan State University.
Horticulture. *Major Professor:* A. L. Kenworthy, Professor.
Thesis: Influence of Nutritional Environment on the Non-Volatile Organic Acid Composition of Post Harvest Apple Fruits.
- Leland Overbey Drew, Ph.D. B.S., Clemson Agricultural College; M.S., Iowa State College.
Agricultural Engineering. *Major Professor:* W. F. Buchele, Associate Professor.
Thesis: The Effect of Soil Parameteres on the Mechanics of Emerging Seedlings.
- Albert L. Duke, Ph.D. B.S., Tennessee Polytechnic Institute; M.S., Virginia Polytechnic Institute.
Electrical Engineering. *Major Professor:* H. E. Koenig, Professor.
Thesis: A State Model Analysis of Electric Power Systems.
- William Wilberforce
Chukudinka Echezona, Ph.D. G.T.C.L., Trinity College of Music; M.M., Michigan State University.
Music. *Major Professor:* J. Niblock, Professor.
Thesis: Ibo Musical Instruments in Ibo Culture.
- Gilmore Louis Edson, Ed.D. B.S., Hillsdale College; M.A., University of Michigan.
Education. *Major Professor:* D. J. Leu, Professor.
Thesis: An Analysis of the Perceptions of Administrative Activity by Michigan School Superintendent and Professor of Educational Administration.
- James Kenneth Elwood, Ph.D. B.A., Wisconsin State College.
Chemistry. *Major Professor:* R. M. Herbst, Professor
Thesis: Amino Acid Antagonism in the Tetrazole Series.
- Joseph G. Engemann, Ph.D. B.A., Aquinas College; M.S., Michigan State University.
Zoology. *Major Professor:* T. W. Porter, Professor.
Thesis: A Comparison of the Anatomy and Natural History of *Colubotelson thomsoni* Nicholls, A South Temperate, Fresh-Water Isopod and *Asellus communis* Say, A North Temperate, Fresh-Water Isopod.
- Donald LeRoy Fisk, Ph.D. B.A., M.S., Michigan State University.
Statistics. *Major Professor:* H. Rubin, Professor.
Thesis: Quasi-Martingales and Stochastic Integrals.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES (Continued)

- Stanley Joseph Gamble, Ph.D. B.S., M.S., Michigan State University.
Horticulture. *Major Professor:* A. L. Kenworthy, Professor.
Thesis: Response of Apple (*Malus Sylvestris*) to Various Levels of Soil Moisture.
- David William Gessford, Ph.D. B.S., Cornell University; M.S., Michigan State University.
Crop Science. *Major Professor:* E. H. Everson, Professor.
Thesis: The Relationship of Certain Morphological and Physiological Characters to Structural Arrangements in *Triticum vulgare*.
- George Lewis Gilbert, Ph.D. B.S., Antioch College.
Chemistry. *Major Professor:* C. H. Brubaker, Jr., Professor.
Thesis: The Investigation of Zn(II) Ni(II) and Pt(II) Chloride Complexes With Some 1-Substituted Tetrazoles.
- Koneru Gopalakrishnamurthy, Ph.D. B.A., Hindu College; L.L.B., Andhra University; M.A., Michigan State University.
Social Science. *Major Professor:* H. H. Kimber, Professor.
Thesis: The Relationship of Size, Distance, and Urbanity to Voting Participation and to Leftist Voting in the North Central States for the Presidential Elections of 1952 and 1960.
- Roger Lawrence Gordan, Ed.D. B.S., M.S., American University.
Education. *Major Professor:* C. F. Schuller, Professor.
Thesis: An Investigation of the Effect of a Programmed Instructional Method on Skill Learning and Attitudes in Audiovisual Education.
- James Herbert Graffius, Ph.D. B.S., M.S., University of Pittsburgh.
Botany. *Major Professor:* G. W. Prescott, Professor.
Thesis: A Comparison of Algal Floras in Two Lake Types, Barry County, Michigan.
- Albert Ross Hagan, Ph.D. B.S., M.S., University of Missouri.
Agricultural Economics. *Major Professor:* G. L. Johnson, Professor.
Thesis: Family Farm Adjustments to Meet the Impacts of Economic, Technological and Sociological Changes on Central Missouri Farms.
- Yun-Teh Han, Ph.D. B.S., Taiwan Provincial College of Agriculture; M.S., Cornell University.
Horticulture. *Major Professor:* P. R. Krone, Professor.
Thesis: A Study of the Consumer Preference on Selected Cut Flowers.

DOCTORAL DEGREES (Continued)

- Thomas William Hansmeier, Ed.D. B.A., M.A., Iowa State Teachers College.
Education. *Major Professor:* W. W. Farquhar, Professor.
Thesis: Investigation of Factors Related to the Success After Readmission or Reinstatement of College Students Academically Dismissed.
- Ernest Irving Hanson, D.B.A. B.A., M.B.A., Michigan State University.
Accounting. *Major Professor:* J. D. Edwards, Professor.
Thesis: An Analysis of the Revenue Recommendation Problems of Consumer Finance Companies.
- Charles Richard Harper, Ph.D. B.A., Ohio State University; M.A., Michigan State University.
Education. *Major Professor:* B. R. Corman, Professor.
Thesis: An Experimental Study of the Effect of Different Degrees of "Cognitive Strain" on Concept Identification.
- George W. Harrod, Ed.D. A.B., Arkansas State Teachers College; M.S., University of Arkansas.
Education. *Major Professor:* W. F. Johnson, Professor.
Thesis: The Origin, Growth, and Development of the Guidance Services in Arkansas Public Schools.
- Darrell Henry Hart, Ph.D. B.A., M.A., Brigham Young University.
Education. *Major Professor:* W. W. Farquhar, Professor.
Thesis: A Study of the Effects of Two Types of Group Experiences on the Academic Achievement of College Under Achievers.
- Rodney Timothy Hartnett, Ph.D. B.S., Illinois State University; M.A., Michigan State University.
Education. *Major Professor:* J. W. Costar, Associate Professor.
Thesis: An Analysis of Factors Associated With Changes in Scholastic Performance Patterns.
- Mary Lou Hayden, Ph.D. B.S., Syracuse University; M.A., Boston University.
Education. *Major Professor:* W. W. Farquhar, Professor.
Thesis: A Validation of the Michigan State M Scales with College Freshman.
- Robert Dean Hellenga, Ed.D. A.B., Western Michigan University; M.A., University of Michigan.
Education. *Major Professor:* W. H. Roe, Professor.
Thesis: A Study of Professional and Community Leadership Roles as They are Assumed by Public School Teachers in Selected School Districts in Michigan.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES (Continued)

- Robert Louis Hemminger, Ph.D. B.S., Greenville College; M.S., San Diego State College.
Mathematics. *Major Professor:* R. H. Oehmke, Associate Professor.
Thesis: On the Wedderburn Principle Theorem for Commutative Power-Associative Algebras.
- Roderick Arthur Hilsinger, Ph.D. B.A., M.A., State University of New York.
Education. *Major Professor:* W. W. Farquhar, Professor.
Thesis: A Multiple Agreement Analysis and Interpretation of College Selection Patterns
- Earl Eugene Hogan, Ph.D. B.S., Otterbein College; M.A., Ohio State University.
Education. *Major Professor:* W. V. Hicks, Professor.
Thesis: A Study of Differences in the Perception of Elementary Teacher Personality Structure.
- Robert Kenneth Holz, Ph.D. B.A., M.A., Southern Illinois University.
Geography. *Major Professor:* L. M. Sommers, Professor.
Thesis: The Area Organization of National Forest: A Case Study of the Manistee National Forest, Michigan.
- Verle Randall Houghaboom, Ph.D. B.S., M.S., University of Vermont.
Agricultural Economics. *Major Professor:* J. Nielson, Professor.
Thesis: An Evaluation of Factors Influencing Participation in the Dairy Herd Improvement Program in Vermont.
- Joseph Bruce Hunn, Ph.D. B.A., St. Johns University; M.S., Michigan State University.
Physiology. *Major Professor:* P. O. Fromm, Professor.
Thesis: Uptake, Distribution and Excretion of the Radionuclide I-131 by Rainbow Trout (*Salmo gairdneri*).
- Manley Rutherford Irwin, Ph.D. B.A., Michigan State University, M.A., University of Michigan.
Economics. *Major Professor:* W. Adams, Professor.
Thesis: Entry Restraints in the Communication Equipment Industry.
- Joel Isaacson, Ph.D. B.S., M.S., Israel Institute of Technology.
Agricultural Engineering. *Major Professor:* J. S. Boyd, Professor.
Thesis: Mathematical Analysis of Static and Dynamic Lateral Pressures in the Infinite Upright Flat-Bottomed Deep Grain Bin.

DOCTORAL DEGREES (Continued)

- Calvin Keith Johnson, Ph.D. A.B., Olivet College.
Chemistry. *Major Professor:* W. H. Reusch, Assistant Professor.
Thesis: Part I—Free Radical Reaction of Some 2 β -Epoxy Ketones. Part II—Configurations and Rearrangements of the Diastereoisomeric Pulegone Oxides. Part III—Photochemical Rearrangements of Some 2 β -Epoxy Ketones.
- Gerald Franklin Johnson, Ph.D. B.S., M.A., Western Michigan University.
Speech. *Major Professor:* H. J. Oyer, Professor.
Thesis: The Effects of Cutaneous Stimulation By Speech and Lipreading Performance.
- Woon Heng Jyung, Ph.D. B.S., Seoul National University; M.S., Michigan State University.
Horticulture. *Major Professor:* S. H. Wittwer, Professor.
Thesis: Mechanisms of Ion Uptake by the Leaves of *Phaseolus Vulgaris* L.
- Julian Kateley, Jr., Ph.D. B.S., M.S., Michigan State University.
Electrical Engineering. *Major Professor:* L. W. Von Tersch, Professor.
Thesis: Automorphism Groups of Graphs.
- Richard Franklin Keeler, Ed.D. B.A., Hope College; M.B.A., Michigan State University.
Education. *Major Professor:* M. S. Smith, Professor.
Thesis: An Exploratory Study of the Needs for a Public Community College in an Area of Ten Puerto Rican Municipalities.
- Mark K. Kipfmuehler, Ph.D. B.S., Central Michigan University, M.A., University of Detroit.
Education. *Major Professor:* W. W. Farquhar, Professor.
Thesis: Predictability and Factor Determination of the M Scales for 11th Grade Parochial School Students.
- Curtis Franklin Lard, Ph.D. B.S., University of Tennessee; M.S., Michigan State University.
Agricultural Economics. *Major Professor:* G. L. Johnson, Professor.
Thesis: Profitable Reorganization of Representative Farms in Lower Michigan and Northeastern Indiana With Special Emphasis on Feed Grains and Livestock.
- Robert Franklin Large, Ph.D. B.A., Central Missouri State College.
Chemistry. *Major Professor:* A. Timnick, Associate Professor.
Thesis: The Polarographic Behavior of Aqueous Solutions of Dysprosium (III).

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES (Continued)

- Ronald A. Lemahieu, Ph.D. B.A., Central College.
Chemistry. *Major Professor:* W. H. Reusch, Assistant Professor.
Thesis: Part I—Some Reactions of Steroidal, 2 β -Epoxy Ketones in Alkaline Media. Part II—Hydriodic Acid Reductions of Vicinal Oxygenated Compounds.
- Hannah Lerman, Ph.D. B.A., City College of New York; M.A., Michigan State University.
Psychology. *Major Professor:* B. L. Kell, Professor.
Thesis: A Study of Some Effects of the Therapists' Personality and Behavior and of the Clients' Reactions in Psychotherapy.
- David Michael Lewis, Ph.D. B.A., M.A., University of Maryland.
Sociology. *Major Professor:* A. O. Haller, Professor.
Thesis: The Acceptance of Work-Related Values by Young Rural Japanese.
- Robert George Liptai, Ph.D. B.S., M.S., Missouri School of Mines.
Mechanical Engineering. *Major Professor:* G. H. Martin, Associate Professor.
Thesis: An Investigation of the Acoustic Emission Phenomenon.
- George Gordon Lowry, Ph.D. A.B., Chico State College.
Chemistry. *Major Professor:* J. B. Kinsinger, Associate Professor.
Thesis: A Statistical Theory of Polymer Compositions Based on Absorbing Markov Chains.
- Virgil Dean Luedders, Ph.D. B.S., Kansas State University, M.S., Michigan State University.
Farm Crops. *Major Professor:* J. E. Grafius, Professor.
Thesis: Genotype X Environment Interactions of Barley (*Hordeum Vulgare* L.).
- Ross B. J. Macnab, Ph.D. B.S., University of Michigan; M.A., Michigan State University.
Fisheries and Wildlife. *Major Professor:* E. W. Roelofs, Associate Professor.
Thesis: Computer Analysis of Stomach Content, Length-Weight Relationship and Growth of Fish Populations.
- Anatole C. Matulis, Ph.D. B.A., Detroit Institute of Technology, M.A., University of Michigan.
German. *Major Professor:* G. W. Radimersky, Professor.
Thesis: Lithuanian Culture in the Prose Works of Hermann Sudermann, Ernst Wiechert, and Agnes Miegel.

DOCTORAL DEGREES (Continued)

- Daniel Clark McAlees, Ph.D. B.A., Albright College; M.A., Michigan State University.
Education. *Major Professor:* J. E. Jordan, Associate Professor.
Thesis: An Exploratory Study of the Field of Special Education in the Central American Republic of Guatemala.
- Ralph Llewellyn Miller, Ph.D. B.A., Houghton College; B.D., M. Theology, Princeton Seminary.
Education. *Major Professor:* J. E. Jordan, Associate Professor.
Thesis: An Exploratory Analysis of the Preferences of First-Year Theological Students Designated as Liberal and Conservative Toward Directive and Non-Directive Responses in the Pastor-Parishioner Counseling Relationship.
- Mickie L. Newbill, Ph.D. B.S., B.A., Texas State College for Women, M.F.A., University of Texas.
Communications. *Major Professor:* W. B. Emery, Professor.
Thesis: Competition and Program Balance in Commercial AM Radio.
- Ahmed Mohamed Omar, Ph.D. B.S., Cairo University; M.A., California State Polytechnic College.
Education. *Major Professor:* H. M. Byram, Professor.
Thesis: Working Relationships of County Extension Agents and Teachers of Vocational Agriculture in Michigan.
- Roy Wayne Porter, Ph.D. B.S., Cornell University; M.S., Michigan State University.
Food Science. *Major Professor:* L. J. Bratzler, Professor.
Thesis: Fractionation and Identification of Some Components in Wood Smoke.
- John Robert Quinn, Ph.D. B.S., Ontario Agricultural College; M.S., Michigan State University.
Food Science. *Major Professor:* A. M. Pearson, Professor.
Thesis: Isolation and Characterization of Multiple Bovine Myoglobins.
- Amos Edwin Richmond, Ph.D. B.S., California State Polytechnic College; M.S., University of California.
Horticulture. *Major Professor:* D. H. Dewey, Professor.
Thesis: Some Aspects of the Physiology and Development of Jonathon Spot in Apple Fruits.
- Paul Eugene Rieke, Ph.D. B.S., M.S., University of Illinois.
Soil Science. *Major Professor:* M. M. Mortland, Professor.
Thesis: Relationships Between Aluminum and Soil Acidity in Several Michigan Soils and Related Mineralogy Studies.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES (Continued)

- Allan Winfield Rodgers, Ph.D. B.S., M.S., Southern Illinois University.
Education. *Major Professor:* J. W. Costar, Associate Professor.
Thesis: An Investigation of the Function of the Student Personnel Dean
as Seen by His Professional Peers Using the Critical Incident Tech-
nique.
- Robert Hampton Rogers, Ph.D. B.S.R.E., Tri-State College; M.S., Southern Methodist University.
Electrical Engineering. *Major Professor:* D. P. Brown, Assistant Professor.
Thesis: On Properties of a Class of Systems of Differential Equations and
Corresponding Higher-Order Differential Equations.
- Lawrence Silverman, D.B.A. B.S., M.A., Michigan State University.
Marketing. *Major Professor:* E. M. Barnet, Professor.
Thesis: Executive Education, Growth, and Mobility: An Analysis of a
University Program for a Food Industry Career Oriented Group.
- David Harrison Smith, Jr., Ph.D. B.S., Hamline University; M.S., University of Minnesota.
Farm Crops. *Major Professor:* J. E. Grafius, Professor.
Thesis: Relationship of Winter Habit and Malting Quality in Winter X
Spring Barley Crosses.
- Gale Eugene Smith, Ph.D. A.B., Bowling Green State University.
Chemistry. *Major Professor:* J. L. Dye, Professor.
Thesis: Conductance, Transference Number and Electromotive Force
Measurements of Potassium Solutions in Liquid Ammonia at -37° C.
- Clinton A. Syder, Ph.D. B.S., M.A., Michigan State University.
Sociology. *Major Professor:* W. B. Brookover, Professor.
Thesis: Variations in Expectations for the Teacher Role as Related to
General and Specific Roles, Expectations, Categories, and Social
Distance.
- Thomas John Stachnik, Ph.D. B.S., North Central College; M.S., Illinois State Normal University.
Psychology. *Major Professor:* M. R. Denny, Professor.
Thesis: A Habit Strength Analysis of the Relationship Between Response,
Effort, and Resistance to Extinction.
- Robert Mitchell Stokes, Ph.D. B.S., M.S., Michigan State University.
Physiology. *Major Professor:* P. O. Fromm, Associate Professor.
Thesis: Glucose Absorption and Metabolism by the Cut of Rainbow Trout,
Salmo gairdneri.

DOCTORAL DEGREES (Continued)

- Hong Ji Su, Ph.D. B.S., M.S., National Taiwan University.
Botany and Plant Pathology. *Major Professor:* W. J. Hooker, Professor.
Thesis: Factors Influencing Symptom Expression and Multiplication of Potato Virus X in a Potato Variety Hypersensitive to the Virus.
- Alan Rufus Tonelson, Ph.D. B.S., M.Ed., William and Mary College.
Education. *Major Professor:* W. H. Roe, Professor.
Thesis: The Principalship in Large High Schools of the Southern Association of Colleges and Secondary Schools.
- James Edward Trosko, Ph.D. B.A., Central Michigan University; M.S., Michigan State University.
Zoology. *Major Professor:* A. F. Yanders, Associate Professor.
Thesis: Analysis of Postirradiation Modification of Genetic Damage in Mature *Drosophila Melanogaster* Sperm.
- Flordeliz Rasalan Uyenco, Ph.D. B.S., University of the Philippines; M.S., Michigan State University.
Botany and Plant Pathology. *Major Professor:* H. A. Imshaug, Associate Professor.
Thesis: Studies of the Genus *Coenogonium* Ehrenberg.
- Louis Charles Vaccaro, Ed.D. B.A., M.E., University of Southern California; M.A., San Fernando Valley State College.
Education. *Major Professor:* M. S. Smith, Professor.
Thesis: A Survey and Evaluation of the Practices Used by Michigan Community Colleges in the Recruitment and Selection of Faculty.
- Ernest Prosper Weckesser, Jr., Ph.D. B.S., M.A., Bowling Green State University.
Speech. *Major Professor:* K. G. Hance, Professor.
Thesis: The Radio Rhetoric of John L. Lewis.
- Rupert Archibald Drake Wentworth, Ph.D. B.S., Fordham University.
Chemistry. *Major Professor:* C. H. Brubaker, Professor.
Thesis: The Preparation and Characterization of Some Alkoxo-Niobium (IV) Complexes.
- Robert A. Williams, Ph.D. A.B., Western Michigan University; M.A., University of Michigan.
Education. *Major Professor:* S. F. Johnson, Professor.
Thesis: An Assessment of the Success of C Average High School Graduates in Grand Rapids Junior College.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES (Continued)

- Richard Earl Wilson, Ed.D. B.S., M.S., Southern Illinois University.
Education. *Major Professor:* M. S. Smith, Professor.
Thesis: A Sociological Approach to the Development of a Methodology
for the Creation of Technical Programs in Community Junior
Colleges.
- John Henry Wolford, Ph.D. B.S., Purdue University; M.S., Michigan State University.
Poultry Science. *Major Professor:* R. K. Ringer, Associate Professor.
Thesis: Reproduction Studies in the Turkey Hen: Egg Formation Time
and the Effect of Artificial Light.
- Robert Alton Young, Ph.D. B.S. (Animal Husbandry), B.S. (Agricultural Economics), University of
California.
Agricultural Economics. *Major Professor:* G. L. Johnson, Professor.
Thesis: Economic Study of the Eastern Beet Sugar Industry.
- William Dean Zeller, Ph.D. A.B. Phillips University; M.A., University of Michigan.
Education. *Major Professor:* C. A. Blackman, Associate Professor.
Thesis: The Educational Program Provided the Japanese Americans Dur-
ing the Relocation Period 1942-45.