

13.1

WEDNESDAY, MARCH THIRTEENTH NINETEEN HUNDRED AND SIXTY-THREE

The  
Winter  
Commencement  
of  
Michigan  
State  
University

UNIVERSITY AUDITORIUM

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EAST LANSING



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

# ORDER OF CEREMONIES

## PROCESSIONAL

TRUMPET TUNE, AIR, AND TRUMPET VOLUNTARY . . . . . *Purcell*  
MICHIGAN STATE UNIVERSITY SYMPHONY ORCHESTRA — PROFESSOR HANS LAMPL,  
*Conductor*  
BYRON AUTREY, *Trumpet Soloist*

## AMERICA . . . . . *Smith*

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

## INVOCATION

RABBI PHILIP FRANKEL, A.B., M.H.L., D.D.  
*Congregation Shaarey-Zedek*

## ADDRESS

THE VERY REVEREND LAURENCE V. BRITT, S.J., A.B., M.A., S.T.L., PH.D.  
*President, University of Detroit*

## CONFERRING OF DEGREES

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

## ALMA MATER . . . . . *Traynor*

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

## BENEDICTION

RABBI FRANKEL

## RECESSIONAL

MARCH FROM KARELIA SUITE . . . . . *Sibelius*

The escorts for the procession are members of Mortar Board, an 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
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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 109th year, Michigan State University has grown from 3 buildings and 6 faculty members to 1 of the 10 largest universities in the nation. It has approximately 2,500 staff members engaged in teaching, research and public service, 422 buildings, and 4,250 acres of land, including 960 acres in the campus and housing area and 900 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 exceeding 4,000.

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 25,000 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

**HONORS COLLEGE**

**DEGREE OF BACHELOR OF SCIENCE**

†Alan Clair Early	<i>Soil Science</i>	†Stephen G. Shafer	<i>Pomology and Vegetable Production</i>
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**DEGREE OF BACHELOR OF SCIENCE**

Miguel Antonio Alvarez	<i>Packaging</i>	Gerald Victor DeHenau	<i>Residential Building</i>
Philip Ross Anibal	<i>Agricultural Economics</i>	Richard Theron Donahue	<i>Dairy Production</i>
William John Bamber	<i>Dairy Production</i>	Richard Dean Erickson	<i>Agricultural Mechanics</i>
Carl Leo Baumann	<i>Dairy Production</i>	*Thomas Henry Halberg	<i>Residential Building</i>
*Keith Darwin Bayha	<i>Fisheries and Wildlife</i>	Frederick Vern Hans	<i>Residential Building</i>
James C. Beauchamp	<i>Food Science</i>	Douglas Frank Howe	<i>Packaging</i>
James Glenn Borsch	<i>Packaging</i>	Gary David Kramer	<i>Residential Building</i>
*James Emery Bremer	<i>Agricultural Economics</i>	*Walter Arthur Kuenzli	<i>Park Management</i>
Howell Edward Brooks	<i>Forestry</i>	Paul Robert Laidly	<i>Forestry</i>
James A. Burns	<i>Forestry</i>	Peter C. McRoy	<i>Fisheries and Wildlife</i>
Philip Frank Burns	<i>Food Science</i>	*Zane McKeown Mead	<i>Forestry</i>
†Daniel E. Bush	<i>Dairy Production</i>	Michael Marshall Moline	<i>Food Science</i>
Donald Roger Capman	<i>Agricultural Mechanics</i>	John Charles Morelan	<i>Packaging</i>
Frank Myron Coon	<i>Ornamental Horticulture</i>		

\*With Honor  
†With High Honor



COLLEGE OF AGRICULTURE

DEGREE OF BACHELOR OF SCIENCE (Continued)

Eric Eugene Phelps <i>Pomology and Vegetable Production</i>	Terry Lee Taylor <i>Packaging</i>
Loy Frederick Putney <i>Pomology and Vegetable Production</i>	James Norten Trumble <i>Poultry Science</i>
Richard Daniel Radowicz <i>Packaging</i>	Claude Richard Unrath <i>Pomology and Vegetable Production</i>
Robert James Ravell <i>Packaging</i>	James David Walcutt <i>Soil Science</i>
Mustafa Mohammed Salma <i>Soil Science</i>	Harry Alfred White, Jr. <i>Packaging</i>
Ralph George Spratt <i>Residential Building</i>	Gerald Patrick Wililams <i>Lumber and Building Materials Merchandising</i>
Joseph Svoboda Jr. <i>Animal Husbandry</i>	Lawrence Joseph Wirtanen <i>Fisheries and Wildlife</i>

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF SCIENCE—*Agricultural Education*

Gerald Lee Hamilton	Clive Andrew Sutherland
Charles Larry Snyder	

DEGREE OF MASTER OF SCIENCE

Abdul K. O. Amu <i>Agricultural Economics</i>	DoWon Hahn <i>Animal Husbandry</i>
Daniel Archibong <i>Farm Crops</i>	Lyle Willard Hannahs <i>Resource Development</i>
August Frank Blome <i>Cooperative Extension Education</i>	Francis Howard Junis <i>Agricultural Economics</i>
Gerald Ray Bouck <i>Fisheries and Wildlife</i>	Pao-Kwen Ku <i>Animal Husbandry</i>
	James Edward Lincoln <i>Horticulture</i>



DEGREE OF MASTER OF SCIENCE (Continued)

Jary S. Mayes	<i>Biochemistry</i>	Carl G. Silvernail	<i>Agricultural Extension</i>
Max James Paape	<i>Dairy</i>	James Glenn Snell	<i>Agricultural Economics</i>
John Clark Post	<i>Soil Science</i>	Otho Sylvester Wells	<i>Horticulture</i>
Alan Rixford Putnam	<i>Horticulture</i>	David Miles Yates	<i>Forestry</i>
Charles Alexander Robertson	<i>Agricultural Economics</i>		

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF ENGINEERING

MASTER OF SCIENCE—*Agricultural Engineering*

Eduardo Gonzalez-Orbegoso  
 David Roger Knicely

Sheldon Dribin Parzen

**COLLEGE  
OF  
ENGINEERING**

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

**HONORS COLLEGE**

**DEGREE OF BACHELOR OF SCIENCE**

†Richard Leonard Guertin *Electrical Engineering*

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**DEGREE OF BACHELOR OF SCIENCE**

Norman Douglas Adams *Mechanical Engineering*

David Ilo Buist *Mechanical Engineering*

Richard Lannes Connell *Civil Engineering*

Joseph Parker Day *Mechanical Engineering*

Jerry Allen Dyke *Mechanical Engineering*

Gayle Rostan Eaton *Metallurgical Engineering*

Robert Howard Erler *Electrical Engineering*

Rubens Filizola *Mechanical Engineering*

Arnold Dean Mummert *Mechanical Engineering*

Loren Carl Nelson *Mechanical Engineering*

Gordon Harold Ploeg *Mechanical Engineering*

Arthur Vincent Silletti *Mechanical Engineering*

Robert Anthony Sinke, Jr. *Electrical Engineering*

**DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF AGRICULTURE**

**BACHELOR OF SCIENCE**

Hormoz Alizadeh *Agricultural Engineering*

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**DEGREE OF MASTER OF SCIENCE**

Nicholas Alan Azelborn *Mechanical Engineering*

Owen Eustace Chirwa *Mechanical Engineering*

Ahmed S. El-Ariny *Mechanical Engineering*

Richard Herbert Fuessel *Electrical Engineering*

William Frank Henson *Civil Engineering*

Lloyd Nalaboff *Electrical Engineering*

William E. Norris *Sanitary Engineering*

LaVerne William Root *Applied Mechanics*

David Francis Strawe *Electrical Engineering*

L. N. Rao Telikepalli *Electrical Engineering*

Ralph Donald Trine *Mechanical Engineering*

†With High Honor

**COLLEGE  
OF  
HOME ECONOMICS**

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

**HONORS COLLEGE**

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

DEGREE OF BACHELOR OF SCIENCE—*Home Economics Teaching*

\*Carol Graf Fanson

†Ann Pratt Scott

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DEGREE OF BACHELOR OF SCIENCE

Suzanne Marjorie Barton  
*General Home Economics*

Carla Jean Skinner  
*Retailing of Textiles and Clothing*

Catherine Winifred Clarke  
*Retailing of Textiles and Clothing*

\*Nancy J. Spector  
*Retailing of Textiles and Clothing*

Beverly May Johnston  
*Retailing of Textiles and Clothing*

Audrey Joann Zboch *General Home Economics*

Susan Scharf *General Home Economics*

Patricia Margaret Zuehlke *Interior Design*

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF SCIENCE

Bernita Lee Biebesheimer  
*Child Development and Teaching*

Carol Willett Pino *Home Economics Teaching*

Joan Louise Bobcean *Home Economics Teaching*

Margaret Jean Smith  
*Child Development and Teaching*

Alice Louise Phipps *Home Economics Teaching*

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DEGREE OF MASTER OF SCIENCE

Marianna Halbert *Institutional Administration*

\*With Honor  
†With High Honor

**COLLEGE  
OF  
VETERINARY MEDICINE**

The candidates will be presented by DEAN WILLIS W. ARMISTEAD

**DEGREE OF BACHELOR OF SCIENCE—*Medical Technology***

Evelyn Carole Davis

\*Judith Artley Peterson

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**DEGREE OF MASTER OF SCIENCE**

Osman Abdil Aziz Atalla *Veterinary Pathology*

Nilambar Biswal *Microbiology and Public Health*

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\*With Honor



**COLLEGE  
OF  
BUSINESS**

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

**HONORS COLLEGE**

**DEGREE OF BACHELOR OF ARTS**

†Robert Thompson Johnson  
*General Business Administration*

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**DEGREE OF BACHELOR OF ARTS**

\*Gil Raymond Achterhof  
*Food Marketing Management*

Albert Emil Badger  
*General Business Administration*

James Donald Berg *Personnel Administration*

Michael James Bolen *Financial Administration*

Andrew Reginald Brodhun  
*Financial Administration*

Daniel T. Burch *General Business Administration*

John Theodore Cannis  
*General Business Administration*

Kent Roys Cardell  
*General Business Administration*

David Frederick Cardone  
*General Business Administration*

Kenneth William Carr *Personnel Administration*

Julio Enrique Carta  
*General Business Administration*

Arthur Ward Cornwell *General Marketing*

David Frederick Cox  
*Hotel, Motel, and Club Management*

Thomas Andrew Danker  
*Hotel, Motel, and Club Management*

James Max Dasho *General Marketing*

Max Kenson De Jonge  
*General Business Administration*

Steven Paul DeMay *Food Marketing Management*

Dan Allan Denawetz  
*Food Marketing Management*

Clemens William Dougherty  
*Financial Administration*

Julius Keller Duncan *Restaurant Management*

Thomas Ward Early  
*General Business Administration*

Richard William Elwood *Accounting*

Paul Francis Enright  
*Food Marketing Management*

Leonard Z. Eppel *Restaurant Management*

\*With Honor  
†With High Honor

COLLEGE OF BUSINESS

DEGREE OF BACHELOR OF ARTS (Continued)

Terry Louis Eroen	<i>General Marketing</i>	*Sally Ruth King	<i>Accounting</i>
Jacob Peter Fase, Jr.	<i>General Marketing</i>	Robert Thomas Kirkey	<i>General Business Administration</i>
John Murray Ferguson	<i>General Business Administration</i>	Thomas James Knudsen	<i>General Business Administration</i>
Sheldon Galens	<i>Hotel, Motel, and Club Management</i>	Morris Phillip Kosten	<i>Financial Administration</i>
Pieter Eduard Geldhof	<i>General Marketing</i>	Toshio Kubo	<i>Hotel, Motel, and Club Management</i>
Arnold William Gerber	<i>General Business Administration</i>	James Jon Kuster	<i>Food Marketing Management</i>
Bruce Nicholson Goodburne	<i>Personnel Administration</i>	Harold David Laidlaw	<i>General Marketing</i>
Arlene Mary Grzeszak	<i>Executive Secretarial Administration</i>	Stephen Urily Laza	<i>Accounting</i>
Ronald Armin Grossmann	<i>Personnel Administration</i>	Aurelio Ledesma	<i>Accounting</i>
Douglas George Hackbart	<i>Insurance</i>	Betty Jo Lemberger	<i>General Business Administration</i>
David Paul Hofley	<i>Production Administration</i>	Robert Rowan Lennon	<i>Personnel Administration</i>
Dennis Richard Hull	<i>General Business Administration</i>	Marvin Saul Lieberman	<i>Financial Administration</i>
Robert Frederick Jeffords	<i>General Business Administration</i>	Leslie Tim Lipman	<i>General Business Administration</i>
Wayne Howard Jensen	<i>Accounting</i>	Tomiji Matsumoto	<i>Hotel, Motel, and Club Management</i>
Gary Dennis Johnson	<i>General Marketing</i>	*Barry Richard Melnick	<i>General Business Administration</i>
Thomas Lee Johnson	<i>Personnel Administration</i>	Charles William Moore	<i>General Business Administration</i>
Thomas P. Jose	<i>Financial Administration</i>	David John Najdowski	<i>Accounting</i>
Joseph Michael Kandell	<i>Accounting</i>	John Edward Nelson	<i>Hotel, Motel, and Club Management</i>
Donald Kuet Kendall	<i>Restaurant Management</i>	Thomas Martin Osler	<i>General Business Administration</i>

\*With Honor

## DEGREE OF BACHELOR OF ARTS (Continued)

Robert Charles Pace	<i>Accounting</i>	Don Duane Smart	<i>General Business Administration</i>
Gordon Bell Parker	<i>Hotel, Motel, and Club Management</i>	John Wendell Steen	<i>Restaurant Management</i>
Harold Arthur Patterson	<i>Restaurant Management</i>	Donald Wayne Stewart	<i>Hotel, Motel, and Club Management</i>
Stephen Pearse, Jr.	<i>General Business Administration</i>	Gerald Richard Sullivan	<i>Personnel Administration</i>
*Carl Francis Perry	<i>General Business Administration</i>	Paul DeWaele Thorne	<i>General Marketing</i>
Bernard Earl Roberson	<i>Purchasing</i>	John Barrett Todd	<i>Financial Administration</i>
Robert W. Schade	<i>Hotel, Motel, and Club Management</i>	John Michael Tonne	<i>Restaurant Management</i>
Herman Gilbert Schafer	<i>General Business Administration</i>	William Terry Umbreit	<i>Hotel, Motel, and Club Management</i>
Jeffrey David Schaffer	<i>Hotel, Motel, and Club Management</i>	James Joseph Vonk	<i>General Business Administration</i>
Robert Dean Schalow	<i>General Marketing</i>	Douglas Emerson Watson	<i>Hotel, Motel, and Club Management</i>
R. Lawrence Schmidt	<i>General Business Administration</i>	*Roger Donald Wilson	<i>Personnel Administration</i>
Richard Schulz	<i>General Marketing</i>	John Kools Winter	<i>General Marketing</i>
David Francis Scully	<i>Food Marketing Management</i>	Douglas Earl Wood	<i>Accounting</i>

## DEGREE GRANTED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF ARTS—*Business Education*

*Marilyn Marcheta Bowker	Jane Marshall Smith
Girneth E. Halladay	Mary Louise Tillotson
John S. Hudson	

\*With Honor



COLLEGE OF BUSINESS

DEGREE OF MASTER OF ARTS

James Alan Cassidy *Business Administration*      Hermann Nuyken *Business Administration*

Dianne Adams Heuston  
*Hotel, Restaurant and Institutional Management*

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GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

Roberto Ramon Aguilar *Financial Administration*      Patrick John Keegan *Marketing*

Richard Otto Bauer *Production Administration*      Noel Edward Kurth *Marketing*

William Warren Benham *Marketing*      Hugh LaCour, Jr. *Transportation*

David John Bennett *Production Administration*      Norma Mark Luternauer  
*Production Administration*

Rodney Earl Evans *Marketing*      Lawrence Milford Potter *Marketing*

Charles Stanley Freville, Jr.  
*Production Administration*      William Alan Powers *Marketing*

Edward Daniel Fucella *Transportation*      Heitor Goimaraes Proenca *Marketing*

Gerald Walter Grabow  
*Hotel, Restaurant, and Institutional Management*      William Thomas Reynolds *Accounting*

James Berry Harbuck *Transportation*      Stephen Walter Semeniuk  
*Financial Administration*

Thomas Fraser Hogan *Marketing*      John Frederick Wasmuth *Marketing*

Robert Bruce Kalik *Marketing*      Francis Helmlinger Woehrling  
*Financial Administration*

George Dunn Kastner *Transportation*      Raymond Howard Zambie *Marketing*



# COLLEGE OF EDUCATION

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

## HONORS COLLEGE

### DEGREE OF BACHELOR OF ARTS

†Judith Carol Carlson      *Junior High Teaching*

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

Ana Rosa Andino M.

Mary Haldene Gettings Gruber

Mary Jo Bartlett

Marjorie Estelle Hanna

Martha Kay Beatty

Florence Clare Haskell

Marilyn Margaret Brown

Diana Ruth Hibbard

Sara Jane Cameron

Ida Gladine Hileman

Carla Christine Campbell

Janet Louise Kaal

Linda Lloyd Cashman

Carolyn Joan Kesby

Roberta Esther Clark

Beverly Jean Knapp

Lena Theresa Corts

Lucretia Eloise Larmon

Doralyn Rae Cubitt

Loma Gene Lewis

Judith Ann Falicki

\*Dorothy Riegel Ling

†Dorothy Irene Ferris

Edward A. Macaulay

Rita Ann Garpiel

Ethel Rhoda Mandell

\*Joan Marie Glaser

Margaret Mary McCarthy

Gail Adele Glendenning

Phyllis Jean McCune

Diane Kay Groehsl

Stephanie Joanne Mocerri

\*With Honor

†With High Honor

COLLEGE OF EDUCATION

DEGREE OF BACHELOR OF ARTS—*Elementary Education*

*Ardyce Ann Morford	Oscar Steven Roberts
Elizabeth Dora Morrison	Janet Sue Robinson
Sandra Ruth Nucian	Irene Rossman
Bonnie Button Nutt	Marianne Ruth Sinclair
Karen Margaret Olsen	Gail Elizabeth Sokup
Jeanette Louise Piksa	Deanne Carol Stephenson
Joan Marie Printz	Joyce Marie VanDeVelde
Susan Kay Pryer	Janet Susan Wagner

DEGREE OF BACHELOR OF SCIENCE

Charles Fredrick Arnold	<i>Community Recreation</i>	Anthony Laurence Kumiega	<i>Physical Education</i>
Suzanna Kay Bebee	<i>Physical Education</i>	Lloyd Rodney Mox	<i>Industrial Arts</i>
Robert Charles Bond	<i>Community Recreation</i>	Donald Stanley Schultz	<i>Physical Education</i>
John Linnon Brodeur	<i>Physical Education</i>	Don Earl Smith	<i>Community Recreation</i>
Burton Donovan Comstock	<i>Industrial Arts</i>	Sean Michael Sweeney	<i>Physical Education</i>
Carma Lynn Crandall	<i>Physical Education</i>	Ray Edmond VanDeWeghe	<i>Physical Education</i>
Paul Dale Curtis	<i>Physical Education</i>	Richard Wakulsky	<i>Physical Education</i>
Joel Goldberg	<i>Industrial Arts</i>	Charles Henry Wilson	<i>Industrial Arts</i>
Gordon Lloyd Gotts	<i>Physical Education</i>	Phillip Rindlaub Woledge, Jr.	<i>Physical Education and Health Education</i>
Robert G. Ikins	<i>Physical Education</i>		
Alden Gage Johnson	<i>Physical Education</i>	Norman Thomas Young	<i>Physical Education</i>

\*With Honor



DEGREE OF MASTER OF ARTS—*Education*

Wilfrid LeRoy BeBeau

Alice E. Mae Benham

Neil Philip Brown

Ralph Elliott Brown

Katherine Garza Castillon

Alfred Paul Ciufetelli

John Emerson Converse

Charles Martin Crabill

Nadia M. Darwish

Glen Herbert Dean, Jr.

Marilyn Kay Erickson

Thomas Edward Fitzpatrick

Harry M. Flower

Donald Peter Frank

Kenneth Walter Gest

John Theodore Goeldi

Stanley Richard Gooch

LeRoy Eugene Gunderson

Usha VenTesh Harwalkar

Charles Elmer Hedge

Patricia Sue Herrick

William Dewey Hewitt

Donald Wilson Hollway

Frederick Joseph Horn

Alva Howard

Judith Jaculin Hruda

Elisabeth Zimmermann James

Earnest Jones

Frederick Joseph Knutel

Marvin J. Koets

Grace Marie Larson

Gertrude Jane Leussenkamp

Charles Arthur Lorenson

Georgiale Lovse

Harriette Pipes McAdoo

Ruth Marion McCarthy

Richard Scott McCurdy

Paul Warren Miller

Alice J. Morris

Bruce Edward Nagle

Nancy Marie Nelson

Mary Jean Parton

Virginia Laura Patterson

Harriette Pipes

John Weldon Price

Mary Ellen Riordan Roberts

Robert A. Savage

Robert Glen Saxton

Ramon Louwain Schantz

Elizabeth Ann Schouten

Steve Skipski

Roseanna Harriet Smith

Alto Sneller

Donald William Sutton

Leona Priem Tiller

Sandra Lee Wallen

Donald Laverne Walters

Ruth Beulah Weiman

Waunda Mae Wyndle

Peter William Zaldokas



**COLLEGE  
OF  
COMMUNICATION ARTS**

*The candidates will be presented by* **DEAN FRED S. SIEBERT**

**DEGREE OF BACHELOR OF ARTS**

Elna Ann Cederholm	<i>Television and Radio</i>	Ann Darling Mohr	<i>Journalism</i>
Richard D. Garlick	<i>Television and Radio</i>	Harry Evan Purdy	<i>Television and Radio</i>
Maryann Hanlan	<i>Communication</i>	Gary Millard Ronberg	<i>Journalism</i>
Judith Ann Marucco	<i>Advertising</i>	William Allan Royce	<i>Journalism</i>
Patricia Ann McCarty	<i>Journalism</i>	Thomas James Sullivan	<i>Advertising</i>
Chris W. Meriam	<i>Television and Radio</i>	Thomas Michael Wondergem	<i>Advertising</i>

**DEGREE GRANTED JOINTLY WITH THE COLLEGE OF EDUCATION**

**BACHELOR OF ARTS—*Speech***

Barbara Carol Bielefeld	Dean Hamilton Mills
RoseMarie Esther Brown	Rebecca Coolman Muller
Constance Grace Gould	Margaret Lou Wilkinson
Clarissa Afton Karle	

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**DEGREE OF MASTER OF ARTS**

Stuart Louis Luedtke	<i>Television and Radio</i>	Barbara Elain Subar	<i>Speech</i>
Robert Preston Rimes	<i>Television and Radio</i>		



# COLLEGE OF ARTS AND LETTERS

The candidates will be presented by DEAN PAUL A. VARG

## HONORS COLLEGE

### DEGREE OF BACHELOR OF ARTS

J. David Bartholomew	<i>Comparative Literature</i>	*Gerald Christoper Papachristou	<i>French</i>
*Frances Katz	<i>English</i>	†Frances Lee Schattenberg	<i>Arts and Letters</i>
†Ronald James Gervais	<i>English</i>	†Alden W. Smith, Jr.	<i>Philosophy</i>

### DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

### BACHELOR OF ARTS

†Mary Eloise Ragland	<i>French</i>
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### DEGREE OF BACHELOR OF ARTS

Karen Bertine Becker	<i>French</i>	Diana Jane Johnson	<i>French</i>
William Boggs	<i>Philosophy</i>	Sara Jane Johnson	<i>Music Therapy</i>
Charles Richard Brown	<i>History</i>	George Robert Johnstone	<i>Arts and Letters</i>
Richard Glen Carter	<i>Philosophy</i>	*Marcia Borden King	<i>Music Therapy</i>
Kenneth Calvin Clare	<i>Philosophy</i>	Susanne Lyons Kiser	<i>Art Practice</i>
Frances Elaine DeLong	<i>Humanities</i>	Evald Kreslins	<i>Art Practice</i>
Patricia Joyce Dypold	<i>Art Practice</i>	Audrey Mae Luban	<i>English</i>
Roy Frank Friedl	<i>Philosophy</i>	Nancy Lou Mendler	<i>French</i>
Max Frederick Heim	<i>Art Practice</i>	Richard Alton Morse	<i>Art Practice</i>
Gerald Winston Heron	<i>History</i>		

\*With Honor  
†With High Honor

COLLEGE OF ARTS AND LETTERS

DEGREE OF BACHELOR OF ARTS (Continued)

*Anne Elizabeth Palko	<i>English</i>	*Margaret H. Sinclair	<i>Music Therapy</i>
Marylou Parham	<i>Humanities</i>	Gordon James Vandertill	<i>English</i>
*Karl Emory Ranous	<i>Arts and Letters</i>	Charles Michael Winnicki	<i>Humanities</i>
Ethan Allen Rogers	<i>Arts and Letters</i>	Clarence Henry Zucker	<i>History</i>

DEGREE GRANTED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF ARTS

Lynne Thompson Ash	<i>Art</i>	James LeRoy Hollister	<i>History</i>
Carolyn Anne Bacon	<i>Art</i>	Dian Ruth Lamminen	<i>English</i>
Tatiana P. Balasis	<i>French</i>	Judith Louise Latham	<i>Art</i>
*Nancy Ellen Barkey	<i>History</i>	Susan Harpham McClure	<i>English</i>
Charles Emory Benson	<i>History</i>	Joan Jane McCrumb	<i>History</i>
Donald Steven Blake	<i>History</i>	Joyce Ann Mueller	<i>History</i>
Margaret Ann Braid	<i>English</i>	Margo Joan Nelson	<i>Art</i>
Catherine E. Brownell	<i>English</i>	Ann Elizabeth Ongemach	<i>Art</i>
Louis A. Bushaw	<i>English</i>	Beverlee Faye Orr	<i>History</i>
*Peggy Lee Carson	<i>History</i>	Margaret Ann Powell	<i>History</i>
Jeanne Elizabeth Clark	<i>History</i>	Thomas William Reeds	<i>English</i>
Janice Lee Daily	<i>Spanish</i>	Philip A. Rice	<i>History</i>
Susan Davis	<i>History</i>	Sandra Emmary Shaifer	<i>Art</i>
Thomas Edward Dennery	<i>History</i>	Anthony Frank Sharkey	<i>Art</i>
*Byron Hayward Dudley	<i>History</i>	Gary Willson Smith	<i>History</i>
Diane Gale Duff	<i>English</i>	Bernice Sturdivant	<i>English</i>
Patricia Ann Fredericks	<i>History</i>	Carl Melville Wells	<i>Art</i>

\*With Honor

DEGREE OF BACHELOR OF FINE ARTS—*Art*

Louis Anthony Golob

\*Karen Kaye Miller

\*Sharon Ellen Irish

†Lieselotte Waldek

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF MUSIC—*School Music*

\*A. Keith Amstutz

Judith Weideman Jensen

Robert Donald Brown

Marjorie Ann Mowat

Clarence Boyden Carlson

\*Gary Alan Smeltekop

Robert Lee Cobb

\*Ann Louis Stout

DEGREE OF MASTER OF ARTS

Ralph R. Baas

*History*

Ilze Krisciokaitis

*German*

Adelbert Monroe Corey

*English*

James Tate Sampson

*Art*

John Thomas Gatten

*Comparative Literature*

Howard William Taylor

*History*

Donald K. Hanzek

*English*

Roy Alfred Terdal

*History*

Charles Denins Ignasias

*History*

James Woodson VanEvra

*Philosophy*

DEGREE OF MASTER OF ARTS FOR TEACHERS

William H. Barr

*Philosophy*

Jerald Donald Graves

*Spanish*

DEGREE OF MASTER OF FINE ARTS—*Art*

William Edward Arscott

\*With Honor  
 †With High Honor

**COLLEGE  
OF  
NATURAL SCIENCE**

The candidates will be presented by **DEAN RICHARD U. BYERRUM**

**HONORS COLLEGE**

**DEGREE OF BACHELOR OF ARTS**

†Diane Sudora Zakary *Mathematics*

**DEGREE OF BACHELOR OF SCIENCE**

\*Miriam Jean Forbes *Zoology* \*Michael Franklin Morris *Mathematics*  
Robert Wendell Matthews *Entomology*

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

**BACHELOR OF SCIENCE**

†William Eugene Adams *Mathematics*

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**DEGREE OF BACHELOR OF ARTS—*Mathematics***

Robert F. Dendy Roy Edward Parrott

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

**BACHELOR OF ARTS—*Mathematics***

Paul James Armour Bruce Rodger Plont

\*Carol Betterly Downen

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**DEGREE OF BACHELOR OF SCIENCE**

Paul Warren Berry *Physical Science* George Harvey Burgoyne *Microbiology and Public Health*  
Richard Arnold Bimm *Microbiology and Public Health* Edwin Lyn Carson *Mathematics*

\*With Honor  
†With High Honor



## DEGREE OF BACHELOR OF SCIENCE (Continued)

*Jerry Donald Chateau	<i>Mathematics</i>	Loretta Lalah Laurin	<i>Nursing</i>
James Rudolph Giddings	<i>Physical Science</i>	Robert Lloyd Lippson	<i>Zoology</i>
Edward Clarence Goodwin	<i>Zoology</i>	Kent Thomas Luther	<i>Zoology</i>
Barry Norwood Griffin	<i>Chemistry</i>	John Harold Puffer	<i>Geology</i>
David Stewart James	<i>Biological Science</i>	*Michael Junke Reynolds	<i>Chemistry</i>
Thomas G. Jefferson	<i>Mathematics</i>	Armando Rivas Espinoza	<i>Microbiology and Public Health</i>
Janice Kay Kienke	<i>Nursing</i>	Jerry Deuel Robinson	<i>Physics and Astronomy</i>
Victor Kolesnikow	<i>Mathematics</i>	*Walter Nichols Schreiner	<i>Physics and Astronomy</i>
John Joseph Kowalski, Jr.	<i>Geology</i>	Dennis Gerhard Simonson	<i>Botany and Plant Pathology</i>
Elizabeth Ernestine Kugel	<i>Microbiology and Public Health</i>		
Phillip Rodney Lamb	<i>Physical Science</i>		

## DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

## BACHELOR OF SCIENCE

Walter Morris Arntson	<i>Mathematics</i>	*Carolyn Long Harsch	<i>Biological Science</i>
Ronald Lee Catherman	<i>Chemistry</i>	James Robert Hunter	<i>Physical Science</i>
*Patricia Ann Cherven	<i>Biological Science</i>	*Billy Ray Knott	<i>Mathematics</i>
*Paula Armintrout Cheshire	<i>Physical Science</i>	Thaddeus Lau	<i>Mathematics</i>
*Barbara Jo DeClark	<i>Biological Science</i>	Margaret Ann Lipperd	<i>Mathematics</i>
William Lawrence Eiker	<i>Mathematics</i>	Harriet Fay Miller	<i>Physics and Chemistry</i>
Ernest George Fishcher, Jr.	<i>Geology</i>	Richard J. Snider	<i>Entomology</i>
Carl Max Guernsey	<i>Mathematics</i>	Edward Dennis Wright	<i>Mathematics</i>
Jeffrey Irwin Hack	<i>Mathematics</i>	Catherine Georgie Yeotis	<i>Biological Science</i>

\*With Honor

COLLEGE OF NATURAL SCIENCE

DEGREE OF MASTER OF ARTS

Charles William Semisch      *Statistics*

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DEGREE OF MASTER ARTS FOR TEACHERS

Evelyn Helen Nutile Brayton      *Mathematics*      W. Reynolds White      *General Science*

Virginia Sue Muraski      *Mathematics*      Ray T. Wiles      *Mathematics*

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DEGREE OF MASTER OF SCIENCE

Edward James Apple      *Chemistry*      Thomas Michael Krigas      *Chemistry*

Alphonse Henricus Baartmans      *Mathematics*      Charles Roy Mann      *Statistics*

Mehdi Behzad      *Mathematics*      Paul Willby Middents      *Physics and Astronomy*

Richard Eugene Berg      *Physics and Astronomy*      Bruce Douglas Powers      *Chemistry*

Alfred John Boals      *Mathematics*      James Frederic Presser      *Physics and Astronomy*

Elizabeth Ann Buschlen      *Mathematics*      Athipet Bashyam Raman      *Geology*

Shu Chen Chang      *Entomology*      David Tolf Somerville      *Physics and Astronomy*

Richard Peter Conway      *Mathematics*      James Laning Stewart      *Botany and Plant Pathology*

Doohee Kim      *Physics and Astronomy*      Robert Allen Wolf      *Physics and Astronomy*

# COLLEGE OF SOCIAL SCIENCE

The candidates will be presented by DEAN LOUIS L. MCQUITTY

## HONORS COLLEGE

### DEGREE OF BACHELOR OF ARTS

*Susan Jane Conley	<i>Psychology</i>	†Barbara Jean Rall	<i>Political Science</i>
†Eileen Ochis	<i>Psychology</i>		

### DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

### BACHELOR OF ARTS

†Avonne C. Maran	<i>Social Science</i>
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### DEGREE OF BACHELOR OF SCIENCE

Leslie Drue Ashe	<i>Law Enforcement Administration</i>	†James Lowell Fyke	<i>Law Enforcement Administration</i>
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### DEGREE OF BACHELOR OF ARTS

Charles Anthony Adams	<i>Political Science</i>	Thomas Pierce Bardo	<i>Psychology</i>
*Owen Curtin Ahern	<i>Social Science</i>	Bruce Wynn Barrow	<i>Psychology</i>
Emile Alhaddad	<i>Economics</i>	Daniel William Bell	<i>Geography</i>
*Gordon Glen Anderson	<i>Psychology</i>	*Roger Wayne Benjamin	<i>Political Science</i>
Kirk M. Balcom	<i>Political Science</i>	Kenneth Clarence Bennett	<i>Political Science</i>
Bernard Michael Balinski	<i>Social Science</i>	John Garrett Blowers III	<i>Social Science</i>
Neil Fortune Ballmann	<i>Sociology</i>	Thomas Hubert Bond	<i>Social Science</i>
David William Barber	<i>Political Science</i>	Marion K. Brennan	<i>Social Work</i>
Gary F. Barber	<i>Economics</i>	Cheryl Darlene Bryant	<i>Social Work</i>

\*With Honor

†With High Honor

COLLEGE OF SOCIAL SCIENCE

DEGREE OF BACHELOR OF ARTS (Continued)

Edward Kenneth Bucknell	<i>Social Science</i>	Dennis Christian Karas	<i>Social Science</i>
T. Tyler Caplin	<i>Social Science</i>	Jack Alloyse Keck	<i>Social Science</i>
Leroy Carr	<i>Political Science</i>	Andrew Joseph Komorny	<i>Psychology</i>
Douglas Arthur Chartrand	<i>Economics</i>	Susan Erica Kreider	<i>Social Science</i>
Karen Lynne Collins	<i>Social Work</i>	William Maurice Lash	<i>Psychology</i>
Patricia Ann Crawford	<i>Psychology</i>	Mary Ellen Magyar	<i>Social Science</i>
Michael Samuel DeMilio	<i>Social Science</i>	Stephen Malin May	<i>Social Science</i>
Eugene Robert Dennis	<i>Social Science</i>	Patrick Wellington McCary	<i>Psychology</i>
Thomas Decatur Ensign	<i>Social Science</i>	Timothy Michael McDermott	<i>Social Science</i>
*Larry James Ford	<i>Social Science</i>	Melville Peter McPherson	<i>Political Science</i>
Richard Lewis Gale	<i>Economics</i>	*Susan Jane Merrifield	<i>Social Science</i>
Marilyn Jennette Galleher	<i>Sociology and Anthropology</i>	David Elden Mowers	<i>Social Science</i>
*Joan E. Granowitz	<i>Social Work</i>	John Bernard Murphy	<i>Social Science</i>
Douglas Arthur Hall	<i>Sociology and Anthropology</i>	Brian Weldon Nelson	<i>Psychology</i>
Edward Owen Harris	<i>Social Science</i>	Thomas Glenn Osborne	<i>Psychology</i>
William Carl Hartwig	<i>Economics</i>	*Raymond Burl Pratt	<i>Sociology and Anthropology</i>
Gary Evans Harvey	<i>Political Science</i>	Dale Alan Rosenberry	<i>Economics</i>
Bertil Andrew Hilding	<i>Psychology</i>	Elaine Carol Rosko	<i>Social Work</i>
Julie Kennedy Hill	<i>Social Science</i>	Peter Finley Secchia	<i>Economics</i>
Bion Lynwood Hoeg	<i>Psychology</i>	Donal James Sexton, Jr.	<i>Political Science</i>
Ronald Earl Hutchins	<i>Economics</i>	Kurt Paul Skrade	<i>Social Science</i>
Arthur Joel Jay	<i>Social Science</i>	Amos Harold Songer	<i>Economics</i>
Kent Thornton Johnson	<i>Political Science</i>	Larry Bruce Streelman	<i>Social Work</i>
Lonnie David Johnson	<i>Political Science</i>	Robert Charles Sutcliffe	<i>Social Science</i>

\*With Honor



DEGREE OF BACHELOR OF ARTS (Continued)

Michael M. Sutin	<i>Psychology</i>	Gordon Rex Wellman	<i>Social Science</i>
Charlotte Gladys Swartz	<i>Social Science</i>	Thomas Stephen Winiecki	<i>Economics</i>
Richard Monroe Taft, Jr.	<i>Sociology and Anthropology</i>	Barbara Ann Wojtylo	<i>Social Work</i>
Peter Gary VanLeer	<i>Political Science</i>	James Burdette Woodruff	<i>Social Science</i>
Warren Lee Wagner	<i>Economics</i>	†Robert George Wyllie	<i>Social Science</i>
John Robert Waters	<i>Social Science</i>	Martha Jean Zee	<i>Psychology</i>
Max Edgar Weissengruber	<i>Sociology and Anthropology</i>	Louis Joseph Zivic	<i>Social Science</i>

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

BACHELOR OF ARTS *Social Science*

*John David Duncan	William Krebs
Charles Harold Gabe	Alexandra Frances Poulin
Harold Herbert Haller	John Fermin Ramirez
William Alford Halls	Myrna Terry Rothchild
*Ethel Mae Hienton	†Linda Catherine Sussex
Carlene Marian Howe	

DEGREE OF BACHELOR OF SCIENCE

Thomas Jay Bell	<i>Law Enforcement Administration</i>	William Martin Jackson	<i>Landscape Architecture</i>
Michael Dennis Blackburn	<i>Landscape Architecture</i>	Donald Blaine Johnson	<i>Industrial Security Administration</i>
Thomas Joseph Gisting	<i>Law Enforcement</i>	Albert McGregor Johnston	<i>Law Enforcement Administration</i>
*Gerry Gill Harsch	<i>Landscape Architecture</i>	†Peter William Klan	<i>Landscape Architecture</i>
Coin Perin Hauk	<i>Industrial Security Administration</i>		

\*With Honor  
 †With High Honor

COLLEGE OF SOCIAL SCIENCE

DEGREE OF BACHELOR OF SCIENCE (Continued)

Kurt Arnold Kolberg <i>Law Enforcement Administration</i>	William James Schill <i>Landscape Architecture</i>
Robert George Larson <i>Landscape Architecture</i>	John Bissell Simons <i>Industrial Security</i>
Steve Edward Lehoczky <i>Urban Planning</i>	A. Wayne Smith <i>Landscape Architecture</i>
Gerald Maes <i>Landscape Architecture</i>	†Richard R. Stevens <i>Law Enforcement Administration</i>
David Michael Murray <i>Industrial Security Administration</i>	Joan Edith Vlach <i>Prevention and Control of Delinquency and Crime</i>
David Leon Peterson <i>Landscape Architecture</i>	

DEGREE OF MASTER OF ARTS

Bradley August Bremer <i>Psychology</i>	Diomedes Loo Tam <i>Economics</i>
Alicia May Brown y Bendana <i>Psychology</i>	Omar Mazzei <i>Economics</i>
Robert Vertrees Dexter <i>Social Science</i>	Harold Stuart Pyper <i>Geography</i>
Theodore Robert Ervin <i>Sociology and Anthropology</i>	Robert F. Repas <i>Political Science</i>
Gerald Gehrig Griffin <i>Psychology</i>	David Dorman Robinson <i>Psychology</i>
David Eugene Hartman <i>Economics</i>	Daniel Schlesinger <i>Economics</i>
John David Jackson <i>Sociology and Anthropology</i>	Walter Alan Watman <i>Psychology</i>
Martin Robert Knorr <i>Geography</i>	Dominic Joseph Zerbolio, Jr. <i>Psychology</i>

DEGREE OF MASTER OF ARTS FOR TEACHERS

Marilyn Ann Boyce <i>Social Science</i>	Thomas Harley Franks <i>Geography</i>
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DEGREE OF MASTER OF SCIENCE

Edward Sumo Jones <i>Police Administration and Public Safety</i>
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DEGREE OF MASTER OF SOCIAL WORK

Karen Louise Krider
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\*With Honor  
†With High Honor

# SCHOOL FOR ADVANCED GRADUATE STUDIES

The candidates will be presented by DEAN MILTON E. MUELDER

## DIPLOMA FOR ADVANCED GRADUATE STUDY

- Miriam Elizabeth Anderson      B.S., Western Michigan University; M.S., University of Michigan.  
Education. *Major Professor:* W. Mann, Professor.
- William Thomas Baker      A.B., Western Michigan University; M.A., University of Michigan.  
Education. *Major Professor:* F. J. Vescolani, Associate Professor.
- Emma Jane Scandary      B.A., Michigan State University; M.Ed., Wayne State University.  
Education. *Major Professor:* H. Rudman, Associate Professor.
- Robert Edward Stout      B.S., Western Michigan University; M.A., University of Michigan.  
Education. *Major Professor:* W. F. Johnson, Professor.

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## CANDIDATES FOR THE DOCTORAL DEGREES

- Kottiril Achyuthan, Ph.D.      B.Sc., M.A., M.Sc., Madras University, India.  
Physics and Astronomy. *Major Professor:* E.A. Hiedemann, Professor.  
*Thesis:* Ultrasonic Methods and Photoelastic Constants.
- Thomas Gilbert Akers, Ph.D.      B.S., M.S., University of California.  
Microbiology and Public Health. *Major Professor:* C. H. Cunningham,  
Professor.  
*Thesis:* Some Cytochemical Studies of the Multiplication of Infectious  
Bronchitis Virus in Chicken Embryo Kidney Cells.
- Robert John Alfonso, Ph.D.      B.A., Roberts Wesleyan College; M.A., New York University.  
Education. *Major Professor:* W. H. Roe, Professor.  
*Thesis:* Ernest O. Melby: Evangelist for Education.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Ransom Leland Baldwin, Jr., Ph.D. B.S., M.S., University of Connecticut.  
Dairy. *Major Professor:* R. S. Emery, Associate Professor.  
*Thesis:* Part I: Conversion of Lactate-C<sup>14</sup> and Glucose-C<sup>14</sup> to Propionate by the Rumen Microbiota. Part II: Lactate Metabolism by Peptostreptococcus Elsdenii.
- Arthur David Berg, Ph.D. B.M., M.M., M.A., University of Michigan.  
Education. *Major Professor:* H. C. Rudman, Associate Professor.  
*Thesis:* The Determination of the Discrimination and Reliability Indices of the Educational Characteristics Criterion with Implications Concerning Educational Cost-Quality Relationships.
- John William Boyd, Ph.D. B.S., Michigan State University.  
Physics and Astronomy. *Major Professor:* T. H. Edwards, Associate Professor.  
*Thesis:* Analysis of Vibration-Rotation Spectra of Axially Symmetric Molecules, with Application to CD<sub>3</sub>I.
- Nena Rola Bustrillos, Ph.D. B.S.A., University of the Philippines; M.S., Iowa State University.  
Home Management. *Major Professor:* B. Paolucci, Associate Professor.  
*Thesis:* Decision-Making Styles of Selected Mexican Homemakers.
- Nae Hoon Chung, Ph.D. B.A., Chungang University; M.A., Ball State Teachers College.  
Economics. *Major Professor:* J. M. Hunter, Professor.  
*Thesis:* The Role of the Central Bank and Inflation in Korea, 1945-60.
- Gary Hamilton Conners, Ph.D. B.S., St. Lawrence University.  
Applied Mechanics. *Major Professor:* T. Tiffet, Associate Professor.  
*Thesis:* A Theoretical Study of the Interaction of an Edge Dislocation with a Coated Crystal Boundary.
- Richard Boyce Dardas, Ph.D. B.S., Albion College; M.S., Michigan State University.  
Microbiology and Public Health. *Major Professor:* D. E. Schoenhard, Associate Professor.  
*Thesis:* Relationships Between Chicken Immune Globulins and a Rheumatoid-Like-Factor Present in Normal Chicken Serum.



## CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Lawrence Eugene Day, Ph.D. B.S., Miami University; M.S., Michigan State University.  
Microbiology and Public Health. *Major Professor*: R. N. Costilow, Professor.  
*Thesis*: Some Physiological Changes Occurring During the Sporulation of *Clostridium botulinum*, Type A.
- William B. Eddy, Ph.D. B.S., M.S., Kansas State University.  
Psychology. *Major Professor*: C. F. Frost, Professor.  
*Thesis*: The Dimensions of Organization.
- James P. Everett, Jr., Ph.D. B.S., Auburn University; M.S., University of Kentucky.  
Dairy. *Major Professor*: C. A. Lassiter, Professor.  
*Thesis*: Some Factors Affecting Intake of Alfalfa Silage by Dairy Heifers.
- Fred Wesley Freeman, Ph.D. B.S., M.S., Michigan State University.  
Forestry. *Major Professor*: D. P. White, Associate Professor.  
*Thesis*: Factors Affecting the Differential Tolerance of Tree Species to Herbicides, Primarily Simazine.
- Victor Goldkind, Ph.D. B.S., George Washington University; M.A., Michigan State University.  
Sociology and Anthropology. *Major Professor*: J. A. Beegle, Professor.  
*Thesis*: Factors in the Differential Acculturation of Mexicans in a Michigan City.
- Gopalakrishnamurthy, Ph.D. B.A., Hindu College; L.L.B., Andhra University; M.A., Michigan State University.  
Social Sciences. *Major Professor*: J. A. Beegle, Professor.  
*Thesis*: The Relation 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.
- Robert Lee Green, Ph.D. B.A., M.A., San Francisco State College.  
Education. *Major Professor*: W. W. Farquhar, Professor.  
*Thesis*: The Predictive Efficiency and Factored Dimensions of the Michigan M-Scales for Eleventh-Grade Negro Students—An Exploratory Study.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Gad Hetsroni, Ph.D. B.S., Israel Institute of Technology; M.S., Michigan State University.  
Agricultural Engineering. *Major Professor:* C. W. Hall, Professor.  
*Thesis:* Heat Transfer Through an Air Curtain.
- Bernard Rudolph Hoffnar, Ph.D. B.S., Southern Illinois University; M.S., Pennsylvania State University.  
Agricultural Economics. *Major Professor:* G. L. Johnson, Professor.  
*Thesis:* The Controlled-Survey Procedure: A Suggested Method for Obtaining Representative Agronomic-Economic Data.
- Homer Virtes Judge, Ph.D. B.A., M.A., Oklahoma State University.  
Agricultural Education. *Major Professor:* H. Byram, Professor.  
*Thesis:* Work Experiences of Michigan High School Students of Vocational Agriculture and Their Relation to Occupational and Educational Plans.
- Niles Russell Kevern, Ph.D. B.S., Montana State University; M.S., Michigan State University.  
Fisheries and Wildlife. *Major Professor:* R. C. Ball, Professor.  
*Thesis:* Primary Productivity and Energy Relationships in Artificial Streams.
- John Richard Levee, Ph.D. B.A., St. Mary's University; M.A., University of Detroit.  
Education. *Major Professor:* W. W. Farquhar, Professor.  
*Thesis:* A Pilot Investigation Into the Effects of an Interpersonal Therapy Approach Upon Mental Patients in a Short-Term Psychiatric Setting.
- John LeoPold Maes, Ph.D. A.B., M.A., Michigan State University.  
Psychology. *Major Professor:* A. I. Rabin, Professor.  
*Thesis:* Identification of Male College Students With Their Fathers and Some Related Indices of Affect Expression and Psychosexual Adjustment.
- Kenneth Buren Matheny, Ph.D. A.B., Olivet Nazarene College; M.A., University of Kansas City.  
Education. *Major Professor:* J. E. Jordan, Associate Professor.  
*Thesis:* An Assessment of the Usefulness of the Wartegg Drawing Completion Test as a Measurement of Intelligence Among Children.

## CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Sister Mary Kevin McLaughlin, B.M., M.M., M.M.Ed., American Conservatory, Chicago.  
O.P., Ph.D. Music. *Major Professor*: W. R. Sur, Professor.  
*Thesis*: A Survey of Music Activities, Materials, and Techniques for Teachers of Elementary Educable Mentally Handicapped Children.
- Gerald Ray Miller, Ph.D. B.S., M.S., University of Illinois.  
Farm Crops. *Major Professor*: W. F. Meggitt, Associate Professor.  
*Thesis*: An Evaluation of Competition Between Weeds and Sugar Beets.
- William Franklin Moore, Ph.D. A.B., Taylor University; A.B., Capital University; M.A., Ohio University.  
Education. *Major Professor*: J. E. Jordan, Associate Professor.  
*Thesis*: The Effects of Post Hypnotic Stimulation of Hostility Upon Male Hi- and Lo-Motivators.
- K. R. Sadasivan Nair, Ph.D. B.S., M.S., University College, College of Science, Banaras, India.  
Botany and Plant Pathology. *Major Professor*: A. H. Ellingboe, Assistant Professor.  
*Thesis*: Studies on the Physiology of Primary Infection by *Erysiphe Graminis Tritici* El. Marchal, the Cause of Powdery Mildew of Wheat.
- Orville William Ostmann, Ph.D. B.S., M.S., University of Missouri.  
Poultry Science-Animal Nutrition. *Major Professor*: R. K. Ringer, Associate Professor.  
*Thesis*: Fundamental Anatomical and Physiological Studies on the Feather Release Mechanism in the Domestic Fowl.
- Edward Ignatius Reinsel, Ph.D. B.S., M.S., Pennsylvania State University.  
Agricultural Economics. *Major Professor*: J. R. Brake, Assistant Professor.  
*Thesis*: Discrimination of Agricultural Credit Risks from Loan Application Data.
- Gerhardt Schneider, Ph.D. B.S., M.F., University of Michigan.  
Forestry. *Major Professor*: T. D. Stevens, Professor.  
*Thesis*: A Twenty-Year Ecological Investigation in a Relatively Undisturbed Sugar Maple-Beech Stand in Southern Michigan.

