The Fall Commencement of Michigan State University
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.

<table>
<thead>
<tr>
<th>College</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Agriculture</td>
<td>Maize</td>
</tr>
<tr>
<td>Forestry</td>
<td>Russet</td>
</tr>
<tr>
<td>College of Business and Public Service</td>
<td>Drab</td>
</tr>
<tr>
<td>College of Communication Arts</td>
<td>Royal Blue</td>
</tr>
<tr>
<td>College of Education</td>
<td>Light Blue</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>Orange</td>
</tr>
<tr>
<td>College of Home Economics</td>
<td>Maroon</td>
</tr>
<tr>
<td>College of Science and Arts</td>
<td>White</td>
</tr>
<tr>
<td>Arts</td>
<td>Pink</td>
</tr>
<tr>
<td>Music</td>
<td>Golden Yellow</td>
</tr>
<tr>
<td>Science</td>
<td>Gray</td>
</tr>
<tr>
<td>College of Veterinary Medicine</td>
<td></td>
</tr>
</tbody>
</table>
ORDER OF CEREMONIES

PROCESIONAL
March et Cortege from "The Queen of Sheba" . . . . Gounod
Michigan State University Band — Professor Leonard Falcone, Director

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

INVOCATION
Pastor, St. Thomas Aquinas Church, East Lansing, Michigan

ADDRESS
George Romney, LL.D., L.H.D.
President, American Motors Corporation

CONFERRING OF DEGREES
President, Michigan State University

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

BENEDICTION
The Rt. Rev. Msgr. Jerome V. MacEachin

RECESSIONAL
Coronation March . . . . . . . . . . . . Meyerbeer

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.
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, Chairman . . . . . Pinconning
THE HONORABLE C. ALLEN HARLAN . . . . . . . . . . . . . . . . . . . . . . . Detroit
THE HONORABLE WARREN M. HUFF . . . . . . . . . . . . . . . . . . . . . . . Plymouth
THE HONORABLE FRANK MERRIMAN . . . . . . . . . . . . . . . . . . . . . . . Deckerville
THE HONORABLE DON STEVENS . . . . . . . . . . . . . . . . . . . . . . . . . . . . Okemos
THE HONORABLE JAN B. VANDERPLOEG . . . . . . . . . . North Muskegon

THE HONORABLE LYNN M. BARTLETT, Ex Officio . . . . . . . . Lansing
JOHN A. HANNAH, Ex Officio, President . . . . . . . . . East Lansing
JACK BRESLIN, Secretary . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . East Lansing
PHILIP J. MAY, Treasurer . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . East Lansing
MICHIGAN STATE UNIVERSITY

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

Now in its 107th year, Michigan State University has grown from three buildings and six faculty members to one of the ten largest universities in the nation. It has approximately 2,000 staff members engaged in teaching, research and public service, 325 permanent and 136 temporary buildings, and 4,250 acres of land, including 900 acres in the campus area proper.

Founded in 1855 to educate youth for the major occupation of that day—farming—Michigan State University has broadened its offerings as young people, preparing for other vocations, have sought the advantages of university training. Today, Michigan State University has eight colleges—Agriculture, Business and Public Service, Communication Arts, Education, Engineering, Home Economics, Science and Arts, Veterinary Medicine—and the School for Advanced Graduate Studies, and offers approximately 150 different courses of study at the undergraduate and 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 his graduation from Michigan State (other than total number of hours) are waived. He is assigned a special adviser in his field of major interest and together they work out a program appropriate for the individual.

Michigan State University continually strives to expand its service to the people of the state through the Agricultural Experiment Station, the Cooperative Extension Service and the Continuing Education Service. The Agricultural Experiment Station conducts research on campus and at five off-campus substations. Through the Michigan Cooperative Extension Service, more than 333,000 families are reached with technical information on agriculture, homemaking and the 4-H Club program. The field staff, located in every county, extends M.S.U.'s campus into every township in Michigan. During the 1959-60 year, the Continuing Education Service reached more than 100,000 persons in programs conducted both on campus and in local communities.

Today, more than 22,500 students from Michigan and other states and from nations all over the world are attending the University at East Lansing—about 11,000 of whom are housed on the campus proper. With about 85 percent of these students coming from communities in every section of the state, Michigan State University is doing its part to fill the greatly increased demand of the younger generation for higher education.

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

*Arthur Delmer Zdziebloswki

Forestry

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

†Norman Allen Brown

Agricultural Education

DEGREE OF BACHELOR OF SCIENCE

*John Eldon Alcock

Forestry

Dennis John Drumm

Fisheries and Wildlife

Lawrence William Allaben

Animal Husbandry

Robert Wroten Dubyne

Agricultural Mechanics

Neil Herbert Austing

Packaging

John Gates Eaton

Fisheries and Wildlife

Ronald John Blake

Packaging

Richard Dean Erickson

Agricultural Mechanics

James Bundy Blandford

Ornamental Horticulture

Gary Paul Farley

Fisheries and Wildlife

Edward Stuart Braid

Agricultural Economics

Eugene Carroll Fiegle

Lumber and Building Materials Merchandising

Neil Henry Bridge, Jr.

Lumber and Building Materials Merchandising

*Thomas Andrew Fulk

Forestry

James Arthur Clark

Residential Building

Harold Douglas Goodell

Food Science

Richard Allen Cleeves

Fisheries and Wildlife

Thomas Charles Healey

Packaging

James Martin Cohen

Packaging

Thomas John Heinowski

Lumber and Building Materials Merchandising

*William David Cook

Agricultural Economics

John Joseph Hora

Floriculture

†Neal Phelps Crosson

Packaging

Richard Merl Kerr

Residential Building

William Frederick Dorn, Jr.

Residential Building

*With Honor

†With High Honor
COLLEGE OF AGRICULTURE

DEGREE OF BACHELOR OF SCIENCE (Continued)

David Burton Kristen  Residential Building  David Lee Roodvorts  Packaging
Frank Edlore LeFave  Residential Building  Le Vinh Qui  Forestry
Frank Donald Lessiter  Dairy Production  David Emil Rutila  Mobile Homes
Michael Collins Lorimer  Lumber and Building Materials Merchandising  Wayne Lyle Sawyer  Packaging
William L. Lowery  Forestry  David Ralph Simpson  Forestry
Philip Stuard McKersie  Packaging  Russell Duane Smith  Forestry
*Lewis Donald Meyer  Dairy Manufacturing  John Prentiss Somer  Fisheries and Wildlife
Thomas Lee Muir, Jr.  Agricultural Mechanics  John George Steinbauer  Packaging
Robert James Munn  Fisheries and Wildlife  William Grant Tomblinson  Packaging
Charles D. O'Hara  Urban Planning  John William Updegraff  Packaging
Jack Calvin Pentecost  Residential Building  Gerald Rye Wallis  Agricultural Economics
*Neil Lynn Powers  Packaging  Charles Andrew Wood  Lumber and Building Materials Merchandising
Wayne Earl Pynnonen  Forestry

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Charles Enos Burkholder  Agricultural Education  Kenneth William Strong  Agricultural Education

DEGREE OF MASTER OF SCIENCE

Robert Ray Burr  Agricultural Economics  Robert Omer Herrmann  Agricultural Economics
Enrique Delgado Castillo  Agricultural Economics  Donald L. Jewett  Agricultural Extension
Charles Binkley Forney  Agricultural Economics  Frederick Benjamin Kaehler  Agricultural Extension
Philip Eugene French  Soil Science  Carson Daniel Keyes  Agricultural Economics
John Elwood Gilmore  Horticulture  Andrew Jackson Lambert  Agricultural Engineering

*With Honor
<table>
<thead>
<tr>
<th>Name</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iqbal D. Malik</td>
<td>Agricultural Extension</td>
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<td>Robert S. Manthy</td>
<td>Forestry</td>
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<td>John Eugene Matthews</td>
<td>Agricultural Economics</td>
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<tr>
<td>James Dobbin McNatt</td>
<td>Forest Products</td>
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<tr>
<td>Wesley Kenneth Mettett</td>
<td>Soil Science</td>
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<tr>
<td>William Eldon Miller</td>
<td>Forestry</td>
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<tr>
<td>Ram Daur Misra</td>
<td>Agricultural Engineering</td>
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<tr>
<td>Norman Torkel Odden</td>
<td>Agricultural Engineering</td>
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<tr>
<td>Ernest Payne</td>
<td>Cooperative Extension Education</td>
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<tr>
<td>Ronald Arthur Peterson</td>
<td>Poultry Science</td>
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<tr>
<td>Jacob Pos</td>
<td>Agricultural Engineering</td>
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<tr>
<td>Abdul Malik Safi</td>
<td>Horticulture</td>
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<tr>
<td>Ramadhar Sing</td>
<td>Resource Development</td>
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<tr>
<td>Zinat Syed</td>
<td>Agricultural Economics</td>
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<tr>
<td>James Warren Throop</td>
<td>Agricultural Engineering</td>
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<tr>
<td>John Vondruska</td>
<td>Agricultural Economics</td>
</tr>
<tr>
<td>Glen David Weber</td>
<td>Resource Development</td>
</tr>
</tbody>
</table>
The candidates will be presented by DEAN JOHN D. RYDER

HONORS COLLEGE

DEGREE OF BACHELOR OF SCIENCE

*William Vern Brewer  Mechanical Engineering  *Douglas Alfred Wagner  Mechanical Engineering

DEGREE OF BACHELOR OF SCIENCE

Alfreda Abell  Agricultural Engineering  *Richard Ervin Hills  Civil Engineering

*Vilis Miervaldis Barevics  Civil Engineering  Albert Evard Jagger  Mechanical Engineering

David John Bennett  Chemical Engineering  Calvin Gene Lamoreaux  Electrical Engineering

Donald Ray Danklefsen  Electrical Engineering  Lynn Howard Peltier  Electrical Engineering

John Del Davis  Civil Engineering  Sterling Emmet Powell  Agricultural Engineering

John Norman Demarais  Electrical Engineering  Monroe Charles Pruetz  Agricultural Engineering

Floyd Orville Earl, Jr.  Electrical Engineering  Richard Reed Sheppard  Agricultural Engineering

Jerry Alan Gilbert  Civil Engineering  David Cornelius Spangenberg  Civil Engineering

John Franklin Gilg  Civil Engineering  Carl Joseph Weber  Civil Engineering

Lewis Richard Griffiths  Metallurgical Engineering  Joel Robert Wineman  Electrical Engineering

DEGREE OF BACHELOR OF SCIENCE AND BACHELOR OF ARTS

DEGREE GRANTED JOINTLY WITH COLLEGE OF SCIENCE AND ARTS

Harold Vernon Jacobs  Engineering for International Service

DEGREE OF MASTER OF SCIENCE

Fredric Charles Aldrich  Applied Mechanics  Hadley W. Davis  Mechanical Engineering

Joab Jacob Blech  Mechanical Engineering  Joseph David Eisenberg  Civil Engineering

*With Honor
DEGREE OF MASTER OF SCIENCE (Continued)

Albert A. Kalis            Electrical Engineering
Carl Henry Konkle          Chemical Engineering
Abraham Kwan-Yuen Loh      Civil Engineering
Virgilio Gamboa Mendoza    Mechanical Engineering
Donald Paul Ryan           Civil Engineering
Bhupendra Umedchand Shah   Mechanical Engineering

Jasvantrai Chunilal Shah   Mechanical Engineering
Piyush Chandra Sharma      Civil Engineering
William Frederick Shutler  Electrical Engineering
Alfred Lee Snow            Applied Mechanics
Man Hyong Yoo              Applied Mechanics
The candidates will be presented by DEAN THELMA E. PORTER

DEGREE OF BACHELOR OF SCIENCE

Martha Ruth Burns   Foods
Linda Marie Kauppinen General Home Economics
Ruth Ellen Kiefer   Foods
*Winifred Ann Lowsma Institutional Administration
Grace E. Lyons General Home Economics

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Sue Dinwiddie   General Clothing and Textiles
Doris Elaine Dobbs Home Economics Teaching
Susan Jane Doyle Home Economics Teaching
Carolyn Alice Golchert Child Development and Teaching
†Carole Sachiko Nagata Child Development and Teaching
Audrey Beverly Reist Home Economics Teaching
Judy Ann Swartzbaugh Child Development and Teaching
*Dorothy Puotinen Tobiason Child Development and Teaching
Betty Estella Treen Home Economics Teaching
*Karen Elizabeth Vogt Child Development and Teaching

DEGREE OF MASTER OF SCIENCE

Mary Louise Fisk Institutional Administration
Jean Ann McFadden Institutional Administration
Adelaide Rose Tirrell General Home Economics
Bettie Suzanne Torrey Child Development
Letitia W. Warnock Institutional Administration

*With Honor
†With High Honor
DEGREE OF BACHELOR OF SCIENCE

John Alan Crouter  Veterinary Medicine

DEGREE OF MASTER OF SCIENCE

Janet Louise Gehres  Anatomy
Lloyd Samuel Goyings  Veterinary Pathology
Robert James Niewenhuis  Anatomy

Willard Glenn Walter  Microbiology and Public Health
COLLEGE OF SCIENCE AND ARTS

The candidates will be presented by DEAN LLOYD C. FERGUSON

HONORS COLLEGE
DEGREE OF BACHELOR OF ARTS
*George Harry Demetrakopoulos *Gael Sisson
Humanities Social Science Divisional

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION
†Mary Charlotte Decker †Dolly McCarty Soddy
French History
†Janet Louise Rockafellar
German

DEGREE OF BACHELOR OF SCIENCE
†Helen Louise Perrott †Carol May Smith
Nursing Nursing

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION
†Mary Ellen Jones
Mathematics

DEGREE OF BACHELOR OF ARTS
Bernard Ronceford Basham
Social Science Divisional
Norman Robert Cohn History
*Christopher James Cummins Social Science Divisional
Jean Frances Bastable Social Science Divisional
Marla Marie DeGeer History
Richard Emory Beyer Social Science Divisional
Thomas Lee DeGoff Art Practice
*Martha Kay Billings Music Therapy
James Lyon Bonner Social Science Divisional
James Alan Draves Psychology
Kenneth Andrew Bott Psychology
Mark Gelder Drucker Social Science Divisional
David Francis Carpenter History
Charles Franklin Engel Philosophy
Richard William Champion Social Science Divisional
Edith Joyce Erno English
*John Joseph Clancy Psychology
*Betty Grace Fahselt Art
Ronald Lee Classon History
Larry Joe Fayton Social Science Divisional
James Lawrence Cohen History
James Warren Frink Social Science Divisional

*With Honor
†With High Honor

14
DEGREE OF BACHELOR OF ARTS (Continued)

Darrell Crawford Fuller  
*Art Practice*

Jack Douglas Gilbert  
*Psychology*

Frank Kanter Girardin  
*Social Science Divisional*

Alison Hadley  
*Social Science Divisional*

Clarence George Hanley  
*History*

Paul Brian Hogan  
*History*

Jack Olin Horsley, Jr.  
*History*

Henry William Hunter  
*Psychology*

John E. Kenealy  
*History*

Sanaullah Kirmani  
*Philosophy*

David Ralph Koons  
*Social Science Divisional*

Gerald Owen Koop  
*Social Science Divisional*

James Austin McCoy, Jr.  
*Psychology*

Ervin Glen McLauchlan  
*Art Practice*

John Leonard Meltzer  
*Social Science Divisional*

Mary Ann Millon  
*Social Science Divisional*

John Donald Miskew  
*History*

Ned Bowman Newlin  
*Social Science Divisional*

Larry R. Nicodemo  
*Philosophy*

Jon Allen Nord  
*Psychology*

Frederic Douglas Polkinghorn  
*Psychology*

John Bruce Raviolo  
*Psychology*

Helen Ray  
*Art Practice*

Norman Emil Richter  
*English*

Barbara Marie Ruppert  
*Social Science Divisional*

*Charles Richard Schuler  
*Social Science Divisional*

Carol Lorraine Schutz  
*Social Science Divisional*

Terry Dennis Stuck  
*Psychology*

George Edgar Svede  
*Art Practice*

Thomas Andrew Taliaferro, Jr.  
*History*

Edward D. Tillitson  
*Humanities*

Mary Catherine Vielmetti  
*Art Practice*

Martin Lawrence Weiss  
*Psychology*

Terry Clyde Whited  
*Social Science Divisional*

David Thomas Williams  
*Psychology*

Ralph Davis Wolfe  
*Psychology*

Francis Jude Wyborski  
*Music Therapy*

†Franklyn Wedgwood York  
*Social Science Divisional*

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Judith Ann Baker  
*English*

William Dean Burgess  
*History*

Dorothy Janet Barbish  
*Art Education*

Gayle Ann Burkhart  
*History*

Nancy Kay Boudrie  
*Spanish*

Gary Donald Caltrider  
*Social Science Divisional*

Elizabeth Ann Brucek  
*Art Education*

Julia Faye Carraway  
*English*

*With Honor*

†With High Honor
COLLEGE OF SCIENCE AND ARTS

DEGREE OF BACHELOR OF ARTS (Continued)

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

John Philip Connelly  
History  
Phyllis Diana Plutzer  
Social Science Divisional

Richard Eugene Crandell  
Art Education  
*Doris Ann Rantucci  
Music Therapy

Allan Roy Dalzell  
History  
Peter Edward Robyns  
History

†Robert Martin Farrington  
Spanish  
Merle Isabell Silver  
Social Science Divisional

Janet Charylene Fauble  
English  
Patrick Byrnes Smith  
History

Terry Lee Hallead  
History  
Peggy Irene Snyder  
French

Jeanette Marie Hatley  
History  
Larry John Soronen  
Social Science Divisional

Patrick Dennis Holland  
Social Science Divisional  
Ellen Joyce Stevenson  
Art Education

Morris Henry Hunt  
Mathematics  
Frank Strahota  
History

*Susan Kay Johnson  
Art Education  
Diane Sudora  
Mathematics

Jacqueline Jean Kampfert  
English  
Beverly Arlin Taylor  
Art Education

A. Vonalea Kitzman  
Social Science Divisional  
Leslie Howard Taylor  
History

Magdalen Ann Loso  
Social Science Divisional  
Elizabeth Mellin Tillitson  
History

Elizabeth Lucille Merriam  
Art Education  
Mabel Loreen Williams  
Social Science Divisional

Barbara Rae Miller  
English  
Maxine R. Wolf  
English

Kathleen Mary Ann Minor  
French  
†Barbara Rae Yanko  
French

Sarah Alice Peck  
English  
Norman Lester Zona  
Mathematics

DEGREE OF BACHELOR OF FINE ARTS

Margaret Anne Sheldon  
Art

*With Honor
†With High Honor

16
DEGREE OF BACHELOR OF MUSIC

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*David Otis Cliffe  
School Music  
Janet Marie Lickfelt  
School Music

Carl Joseph Eberhard  
School Music  
John Harding Parks  
School Music

Bette Jean Ellwood  
School Music  
Lawrence Patrick Selby  
School Music

*Jean Hittel Grof  
School Music

DEGREE OF BACHELOR OF SCIENCE

Robert Frederick Alati  
Mathematics  
Keith Gibson Franz  
Zoology

John Alvin Anderla  
Statistics  
William Robert Gregg  
Mathematics

Patricia Elaine Anderson  
Mathematics  
Anne Margaret Harrison  
Mathematical and Physical Science Divisional

Douglas Stanton Bisbee  
Biological Science Divisional  
Richard Heath Holmes  
Mathematics

John Richard Black  
Mathematical and Physical Science Divisional  
Ronald Eugene Holtz  
Mathematical and Physical Science Divisional

James Dennis Butcher  
Mathematical and Physical Science Divisional  
K. Lee Howland  
Zoology

Merrilyn Ann Childs  
Nursing  
Neil Arthur Kaltman  
Biological Science Divisional

Clyde Morgan Claycomb  
Mathematical and Physical Science Divisional  
Richard Dale Keefer  
Physics

David Lee Daniels  
Mathematical and Physical Science Divisional  
Russell Frederick LaBeau, Jr.  
Zoology

Francis Delas Darling  
Zoology  
*Robert Edward Lewis  
Mathematics

Claire Ann Day  
Mathematics  
Gerald Wayne Martin  
Zoology

Margaret Ann Dundon  
Nursing  
Doris Faye Montgomery  
Nursing

Thomas Karl Erber  
Statistics  
David James Neebes  
Mathematical and Physical Science Divisional

Marilyn Ann Fellhauer  
Nursing  
Donald Joseph NeSmith  
Zoology

*With Honor

Richard Francis Rohlman  
Physics
DEGREE OF BACHELOR OF SCIENCE (Continued)

Edward John Ryan, Jr.  
Mathematics

DuWayne Harry Watkins  
Mathematics

Roger Kipp Waid  
Mathematical and Physical Science Divisional

†Ievina Ziedins  
Nursing

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Larry Robert Booth  
General Science

Robert Frank Houghton  
Mathematics

*Loralynnee Burgett  
Mathematical and Physical Science Divisional

*Donna Ruth Lafler  
Biological Science Divisional

Thomas Omar Maurer  
Mathematics

†Wayne Sidney Carpenter  
Mathematics

†James Albert VanNocker  
Mathematical and Physical Science Divisional

Alton VanPatten Ferry  
Biological Science Divisional

Loren Dale Wright  
Mathematics

Patricia Ann German  
Mathematics

*Richard Miller Zahn  
Mathematics

DEGREE OF MASTER OF ARTS

Mary Elizabeth Bround  
English

Theodore Demetrios Kazanis  
English

Alicia May Brown Bendana  
Psychology

William Barr Kemp  
Geography

Albert Maurice Brunelle III  
Accounting

Jerome Kossoff  
Psychology

Marsha Harriet Eisen  
English

David Wallace Macky  
Statistics

Frieda Lillian Foote  
Sociology

Richard Edward Manley  
Psychology

Gerald Grubb Gard  
Art

John Stephen Matthiasson  
Sociology

Gary Theodore Gildner  
Comparative Literature

John Wilson Palmer  
History

Richard Foster Haines  
Psychology

Roger Neal Parks  
History

Werner Wilhelm Heine  
German

Arthur Ta-Shiang Pu  
Mathematics

Davidson Lincoln Heyburn  
Spanish

Rodger Reid Rice  
Sociology

Arthur Hunter Hills  
Art

Jon Hill Rieger  
Psychology

Benjamin Joseph Hodgkins  
Sociology

Bruce Anthony Riley  
Art

*With Honor  
†With High Honor
DEGREE OF MASTER OF ARTS (Continued)

Francis John Rutkowski  History  Leif Gerner Tervedal  Psychology
Charles Robert Scott  Psychology  Ted James Tetzlaff  Psychology
David S. Silkiner  Psychology  Wayne E. Tollefson  Art
Heraldo Pessa Soutomaior  Sociology  Ronald Gary Weisman  Psychology
Alan Peter Spivak  Psychology  Harlan William Wellnitz  History
Ardith Marilyn Tait  English  Barbara Westinghouse  Geography
Joseph Alex Tanyi  Geography

DEGREE OF MASTER OF ARTS FOR TEACHERS

Robert William Bucklin  Zoology  William Rhanz Isenogle  General Science
Thomas James Drummond  Chemistry  John A. Reidy  English

DEGREE OF MASTER OF MUSIC

Charles Fred Bunch, Jr.  Music Education  Betty Ann Pringle  Applied Music

DEGREE OF MASTER OF SCIENCE

Edward Seth Kwasi Ansah  Mathematics  Basil Constantine Halkides  Physics
James Frederick Arnold  Zoology  Thomas Franklin Hopkins  Physiology
Warren Rasmus Bredahl  Botany and Plant Pathology  Gary Alan Houghtby  Microbiology and Public Health
Richard Allen Dixon  Geology  William Stephen Hudec  Physics
Rusool Javahery  Physics
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<td>Gerald Charles Kettunen</td>
<td>Zoology</td>
<td>Gholam Sorrwar</td>
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<td>John Henry Massengill</td>
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<td>William E. Steinkraus</td>
<td>Geology</td>
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<td>Thomas Francis Mitchell</td>
<td>Zoology</td>
<td>Venkata Madhararad Tummala</td>
<td>Statistics</td>
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<td>Robert Larry Shone</td>
<td>Chemistry</td>
<td>Jack Edward Weiler</td>
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<tr>
<td>Walter Alan Sisler</td>
<td>Microbiology and Public Health</td>
<td>David Lloyd Word</td>
<td>Statistics</td>
</tr>
</tbody>
</table>
The candidates will be presented by DEAN ALFRED L. SEELYE

HONORS COLLEGE

DEGREE OF BACHELOR OF ARTS

†Leo Francis Rademacher  Accounting

DEGREE OF BACHELOR OF SCIENCE

†Raymond Milton Runnel  Law Enforcement

DEGREE OF BACHELOR OF ARTS

Reid Lincoln Ashton  Hotel, Motel and Club Management

Loyd C. Austin  Production Administration

Gerald Howard Babcock  General Business Administration

John Stanley Beall  Personnel Administration

John Henry Belleghem  Hotel, Motel and Club Management

Gerald Raymond Bellrichard  Accounting

James Sharer Bentley  Hotel, Motel and Club Management

James O. Bibbler  Accounting

Richard William Boss  Accounting

Brent Arthur Bremer  Economics

Edward Lee Briscoe  Economics

Donald William Brown  Hotel, Motel and Club Management

Robert Michael Brown  General Business Administration

Joseph Matthew Bryan  General Business Administration

William Everett Burch  General Business Administration

Thomas Allan Burgoon  Economics

James Douglas Burnham  Personnel Administration

Allan Russell Cairns  Economics

Gordon Douglass Cameron  General Marketing

Warren Joseph Carr  General Marketing

David Nicholas Chapman  Production Administration

John Robert Ciesco  General Business Administration

Anthony Lafayette Clark  Economics

Janice Marilyn Cohn  Political Science

†With High Honor
COLLEGE OF BUSINESS AND PUBLIC SERVICE

DEGREE OF BACHELOR OF ARTS (Continued)

James Brainard Crawford III  
*General Business Administration

David Eldon Cristman  
Production Administration

Michael William Cygan  
Accounting

Lawrence Lee DeMorrow, Jr.  
Hotel, Motel and Club Management

*David Alan Dougherty  
Hotel, Motel and Club Management

Michael Paul Doyle  
Restaurant Management

Stephen Charles Duncan  
Financial Administration

†Eriks Eglitis  
General Business Administration

Walter Joseph Engel  
Personnel Administration

Robert Nelson Feldman  
Political Science

James Neville Firestone, Jr.  
*Personnel Administration

Judith LaVon German  
Hotel, Motel and Club Management

Gregory Cowan Gillmor  
Economics

Donald Roy Halling  
Economics

Marlaine Elisabeth Hanrath  
Social Work

David Edwin Harmon  
General Business Administration

Jack Dean Harris  
Political Science

James Stewart Hedley  
Accounting

Thomas William Henson  
Accounting

Craig Hendricks Holmes  
Production Administration

Walter Weinhagen John  
*General Business Administration

Edward Eugene Johnson  
Economics

Robert Arthur Josephson  
Hotel, Motel and Club Management

Daniel E. Kampfschulte  
Institutional and Hospital Management

James R. Keaton  
Economics

Michael Vasil Kelingos  
Restaurant Management

Norma Irene Keppel  
Social Work

*Edwin Casimir Koldras  
Economics

Emerson Alan Ladd  
Accounting

Dennis Alan LaVercombe  
General Marketing

Paul Edgar Lindow  
Accounting

John Michael Lipnitz  
Political Science

James Edward Marquardt  
General Marketing

Ronald Joseph Maxheimer  
Accounting

*Omar Mazzei  
Economics

*John Palmer McCaskill  
Accounting

Denise Elizabeth McClaurine  
Social Work

Edward Frederick Meyer  
Hotel, Motel and Club Management

*Lawrence G. Meyer  
Economics

Richard Roy Milligan  
Production Administration

Linden Frederick Mills  
Hotel, Motel and Club Management

*With Honor
†With High Honor
DEGREE OF BACHELOR OF ARTS (Continued)

Richard Lee Milock  Accounting  
Timothy George Moore  General Marketing  
Theodore Carl Mortenson  Accounting  
Donald Leonard Myers  Personnel Administration  
*Charles Clement Ollila  Food Marketing Management  
Hans Peter Olsen  General Business Administration  
Steve Peter Panos  General Business Administration  
*Richard Frederick Pershinske  Accounting  
Clarence Harmon Peters  Hotel, Motel and Club Management  
Victor Rimvydas Petrauskas  General Business Administration  
Richard Douglas Petty  General Business Administration  
Arthur Harry Pyrros  Economics  
Terryl Clive Rockwell  Production Administration  
Allen Neal Schmelter  Accounting  
Myron William Schroeder  Purchasing Administration  
Lee Dwight Searcy  General Business Administration  
Harold Dean Shorr  General Business Administration  
Bert Junior Smith  Accounting  
Carl Philip Stellin  Economics  
Jack Nelson Stenberg, Jr.  General Business Administration  
Gerald Kenneth Swain  General Marketing  
Abraham Tomio Takahashi  Institutional and Hospital Management  
*George William Tatu  Accounting  
Tyler Townley  Restaurant Management  
John L. Trumble  Economics  
Richard Lee Vandenbark  Accounting  
Robert Elliot Van Peenan  General Business Administration  
William Craig Van Sciever  General Business Administration  
Fredric Kramer Waalkes  Institutional and Hospital Management  
Kenneth Elmer Walsh  Food Distribution Administration  
Everett Lee Williams  General Business Administration  
Ronald Frederic Willis  Accounting  
Gerald Carl Winkler  General Business Administration  

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Dorothy Marie Schwab  Business Education  
Beatrice Genevieve Smith  Business Education  
Ruth Ann Wheatley  Business Education  

*With Honor
COLLEGE OF BUSINESS AND PUBLIC SERVICE

DEGREE OF BACHELOR OF SCIENCE

Robert Joseph Borghi  Law Enforcement
Robert Earl Brumback  The Prevention and Control of Delinquency and Crime
Thomas David Carey  Urban Planning
Anthony Bernard Char  Urban Planning
Michael Leon Cluff  Law Enforcement
†Roger Dwight Counts  Law Enforcement
Robert Sergeant Dunsmore  Correctional Administration
Gerald Thomas Geouque  Law Enforcement
Ronald J. Grudzinski  Urban Planning
Lawrence Rex Hill  Landscape Architecture
Frederic Carlton Hobus  Industrial Security Administration
Peter Hotis  Industrial Security Administration
John Joe Howlett  Law Enforcement
Frederick George Ihrig  Industrial Security Administration
Gilbert Harold Kleinknecht  Law Enforcement
†Larry Ross Lang  Accounting
Walter Robert McAdow  Industrial Security Administration
Edward Thomas Meehan  Urban Planning
Donald Everett Merrill  Law Enforcement
Malcolm James Palmer  Law Enforcement
*Glenn Elden Persons  Law Enforcement
James Lawrence Roach  Urban Planning
Harvey William Ross  Law Enforcement
Daniel Lee Roy  Industrial Security Administration
Robert Richard Ruszala  Law Enforcement
*Danny Clifford Schafer  Law Enforcement
Richard Emerson Schlosser  Industrial Security Administration
Gerald Mark Schroeder  Industrial Security Administration
Marshall Douglas Slagle  Urban Planning
Lawrence Joseph Slamons, Jr.  Law Enforcement
Gerald Lee Smith  Urban Planning
Richard Glen Smith  Law Enforcement
James Maurice Stinson  Law Enforcement
Mary Lou True  Urban Planning
Robert William Van Hengel  Law Enforcement
Joseph Harold Watkins  Landscape Architecture

DEGREE OF MASTER OF ARTS

Braulio Jesus Adarmes Perez  Economics
Faisal Micheal Arabo  Business Administration
Edward Thomas Meehan  Urban Planning
Donald Everett Merrill  Law Enforcement
Malcolm James Palmer  Law Enforcement
*Glenn Elden Persons  Law Enforcement
James Lawrence Roach  Urban Planning
Harvey William Ross  Law Enforcement
Daniel Lee Roy  Industrial Security Administration
Robert Richard Ruszala  Law Enforcement
*Danny Clifford Schafer  Law Enforcement
Richard Emerson Schlosser  Industrial Security Administration
Gerald Mark Schroeder  Industrial Security Administration
Marshall Douglas Slagle  Urban Planning
Lawrence Joseph Slamons, Jr.  Law Enforcement
Gerald Lee Smith  Urban Planning
Richard Glen Smith  Law Enforcement
James Maurice Stinson  Law Enforcement
Mary Lou True  Urban Planning
Robert William Van Hengel  Law Enforcement
Joseph Harold Watkins  Landscape Architecture
John Paul Casbergue  Restaurant Management
William Frederick Cottrell  Political Science

*With Honor
†With High Honor

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DEGREE OF MASTER OF ARTS (Continued)

Gaylord Emerson Gardner  Economics  Thomas Wood Robinson  General Business Administration
James Pervin Gork  General Business Administration  Carl George Sander  Food Distribution
Kiyoshi Hara  Economics  Paul Marvin Sengpiehl  Political Science
Marjory DeLila Hath  Business Education  James Leon Shrier  General Business Administration
John Washburn Kinsey  General Business Administration  Joseph Robert Stratman  General Business Administration
Jorn Mike Kreke  Economics  David Francis Wallace  General Business Administration
William Edward Metsker  General Business Administration  John Joseph Weger  General Business Administration
Suzanne Murray  Political Science

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

John Quincy Adamson  Accounting  Franco Lucca  Marketing
Martin Joseph Allen, Jr.  Marketing  Gary Andre Marple  Marketing
S. John Archer  Production Management  Hirofumi Matsusaki  Marketing
Walter Ronald Barnes  Business Administration  Charles Joseph Meagher, Jr.  General Business Administration
Robert James Bishop  Accounting  Daniel Lewis Popoff  Accounting
Gary Barton Bylsma  General Business Administration  Cornelius Henry Quist  Production Management
Richard Hays Byrd  Marketing  Gary Junior Raterink  Accounting
Reginald Cote  Accounting  James Robert Sullivan  Marketing
Wayne Cameron Currie  Marketing  Alfred Arden Tanck  Marketing
Robert Andrew Emerson  Financial Administration  John Anthony Vanna  Production Administration
John Dennis Field  Marketing  Antonio Carlos Vitiello  Financial Administration
Robert Eric Hanson  Food Distribution  James Edward Wilkes  Personnel Administration
William Stewart Jacobson  Marketing  Robert Michael Wood  Accounting
Joseph Carl Kopf, Jr.  Marketing
COLLEGE OF BUSINESS AND PUBLIC SERVICE

DEGREE OF MASTER OF SCIENCE

Somboon Limsong           Police Administration

DEGREE OF MASTER OF SOCIAL WORK

Menona Evelyn Logan       Gerald Joseph Nowakowski
The candidates will be presented by DEAN CLIFFORD E. ERICKSON

HONORS COLLEGE

DEGREE OF BACHELOR OF ARTS—Elementary Education

†Janice Elaine Riggs
†Joy Rita Sherman

DEGREE OF BACHELOR OF ARTS—Elementary Education

Barbara Ann Benedix
Georgia Wilma Bergman
Virginia Ann Christman
Sharon Inez Ebersole
Judith Diane Fedorinchik
Patricia Margaret Freeman
Sara Gleason Harness
Alda Louise Henderson
Ted Eugene Hull
Janet Kay Hussey
Judy Lynne Ingraham
Cora Lee Jaenicchen
June Lapinski
*Janet Elizabeth Littell
Sandra Ellen Mackle
Jeanette Elizabeth Mange
Carolyn Janet Marmion
Mary Hassler McConnell
Nancy Diane McKenzie

Darlene Marie Mieden
Susan Ann Mitchell
Lue Allie Mixon
Gloria Murphy
Sue Ellen Perranoski
*Frances Marie Pierson
Kathryn Lucille Fox Porter
Diane Patricia Reed
Margo Miller Reed
Vivian E. Rittenhouse
Susan Kay Rosenbaum
Fred Stevens Rozell
*Goldia Pauline Schiefer
Barbara Ann Sly
Jill Alice Stiltner
Gene Swan Ulen
Robert Carrol Walker
Donald Duprey Watson

*With Honor
†With High Honor
COLLEGE OF EDUCATION

DEGREE OF BACHELOR OF SCIENCE

Kenneth Wayne Avery  Physical Education  Marjorie Elaine Miller  Physical Education
Mable Ann Boughner  Physical Education  Susan Jane Montgomery  Physical Education
Dennis Brian Brooks  Industrial Arts  Thomas Robert Mustonen  Physical Education
Bernard Henry Burke  Industrial Arts  Arthur Eugene Parsons  Industrial Arts
Mary Jean Campbell  Physical Education  Robert Herman Ross  Physical Education
Brenda Cooney  Physical Education  Roseanne Jean Sabatine  Physical Education
Larry Merritt Dorow  Physical Education  William Harold Schudlick  Physical Education
Harriett Ellen Graham  Physical Education  Mary Jeanette Scott  Physical Education
Robert Irwin Guenther  Physical Education  Mickey Gordon Sinks  Physical Education
Judith Ann Hamilton  Physical Education  Franklin Morrell Smith  Physical Education
Helen Joye Hughes  Physical Education  Angeline Margaret Spieles  Physical Education
Edwin Bruce Johnston  Physical Education and Health Education  Steven Edward Varriale  Physical Education
George Joseph Kapler  Industrial Arts  Donald Frank Vreeland  Recreation-Youth Organization Leadership
Cornelius Herbert Kennedy  Recreation-Youth Organization Leadership  Horace Lawrence Walker  Physical Education
Donald Joseph Messing  Physical Education and Health Education  Beverly Jean Wills  Physical Education

DEGREE OF MASTER ARTS—Education

Gerald William Alkema  Lauris Jean Barr
Darlene Frances Allen  Michael Vincent Bell
Helen R. Anderson  Walter James Bennett
Jane Anne Peters Antone  Nina Mary Ann Berger
Ned Ramon Ash  Arthur Lee Berkey
John Perry Barber  Jack C. Bignall

†With High Honor
DEGREE OF MASTER OF ARTS—Education (Continued)

Lloyd Vincent Bishop
Anthony Wayne Blagg
Joan Boand
Harold George Bowden
Margaret Rorick Brewer
John Lawrence Briggs
Helen Minkoff Burke
Joan Lauretta Carne
Robert John Church
Richard Jerrold Clark
Gladys Marie Collier
Marian Osmun Denby
Helen Alice Doyle
Albert Roland Elwell
Barbara A. Enyard
Oral M. Esch
Harley Ambrose Franks
John Gelmisi
Gerald Wylie Gervais
Dale Robert Hansen
Gilbert Allen Hansen
Florence Beatrice Hill
Jacob Roy Hudson
Allen Jackson
Wallace Marshall Janowiak
Robert Francis Jemilo

Dennis Raymond Jensen
Virginia Lee Kohr
Norman Dale Kreager
Robert John Kritzer
Robert Emmitt Kromer
Sadie Murphy Liskum
Ford E. Longendyke
Lucille P. MacArthur
James Francis McNeal
Bernice S. Mead
Edna Volier Medley
Leroy Ward Melzow
Thomas William Mercer
Dale Harvey Messerschmidt
Harold Norton Murphy
Kenneth Charles Nesseth
Rebecca Riddick Neuman
Raymond Charles Osborne
George Clark Overstreet
Cleo Downing Piercefield
Robert James Piersma
Elliott Rankin Reum
John Herbert Richardson
Ruth Dalman Roos
Margaret Mary Rubenstein
James Raymond Ryan
Inez Maria Savage
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<td>Phylis Jean Sawdey</td>
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<td>Joanne Louise VanSyckle</td>
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<td>G. Ronald Vaughan</td>
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<td>Archie Eugene Watson</td>
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<td>Hugh Arthur Whitmer</td>
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<td>David William Williams</td>
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<td>Richard Gary Woudstra</td>
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<td>William Emanuel Stokes</td>
<td>Theodora Helen Zavell</td>
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<td>James Frank Stoll</td>
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COLLEGE
OF
COMMUNICATION ARTS

DEGREE OF BACHELOR OF ARTS

Walter Berwill Archer, Jr. Advertising Samuel Chu Lin Television, Radio and Film
Dixie Dee Bates Journalism Robert Wencil Neumann Journalism
Charles Emory Conway Television, Radio and Film
Janice Kay DeMeester Journalism
Robert Littlewood Fienberg Journalism
*James Dwight Gibson

Journalism
*Sidney Ben Phillips, Jr. Television, Radio and Film
Allen Jackie Pyle Television, Radio and Film
Richard Vernon Ramsdell Television, Radio and Film

Charles Herbert Richards Journalism
Jerry W. Sanford Advertising
Elizabeth Mildred Shahan Speech
Robert Lewis Spangler Television, Radio and Film
Theodore James Thompson Advertising
Donald Carleton Will Television, Radio and Film

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Richard Gabriel Beaudry Speech Jane Rachel Penna Speech
Deirdre Sutphen Circle Speech Pathology and Audiology
*Ruth Anne Schlotter Speech
Jennifer Ann Kennedy Speech

DEGREE OF MASTER OF ARTS

Jack Byrel Frank Television, Radio and Film
Elke Koch-Weser General Communication Arts
James Leonard Mayfield Speech William Benjamin Stutler Advertising
Karen Marie Nielsen Speech

*With Honor
CANDIDATES FOR THE DOCTORAL DEGREES

Jagan Nath Ahuja, Ph.D.  
B.S., M.S., Agra University.  
Chemistry. Major Professor: G. L. Kilgour, Assistant Professor.  
Thesis: Studies on the Biosynthesis of Phytic Acid.

Kenward Louis Atkin, Ph.D.  
B.A., M.A., University of Michigan.  
Communication Arts. Major Professor: P. J. Deutschmann, Professor.  
Thesis: Images, Reference Groups, and Communications Patterns in Food Store Choice.

Edwin Reynolds Bailey, Ph.D.  
A.B., B.S., M.A., Western Michigan University.  
Education. Major Professor: F. G. Parker, Associate Professor.  

Carl Theodore Bergstrom, Ph.D.  
B.B.A., M.A., University of Michigan.  
Education. Major Professor: D. J. Leu, Professor.  

Naser Georges Bodiya, Ph.D.  
B.S., M.B.A., University of Detroit.  
Business Administration. Major Professor: J. L. Hazard, Professor.  

Allan R. Broadhurst, Ph.D.  
B.A., Denison University; B.D., Drew University.  
Speech. Major Professor: D. H. Ecroyd, Associate Professor.  

Leonard D. Brown, Ph.D.  
B.S., Western Kentucky State; M.S., University of Kentucky.  
Dairy. Major Professor: C. A. Lassiter, Professor.  
Thesis: Hay and Silage Studies with Dairy Cattle.
CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Don Marvin Carlson, Ph.D.  
B.S., North Dakota Agricultural College; M.S., University of Illinois.  
Biochemistry. Major Professor: R. G. Hansen, Professor.  

Lois Ann Cheney, Ph.D.  
B.A., Muskingum College; M.A., Kent State University.  
Speech. Major Professor: K. G. Hance, Professor.  
Thesis: A Rhetorical Study of Selected Speeches of Dr. Albert Schweitzer.

Frank James Chloupek, Ph.D.  
B.S., Illinois Institute of Technology.  
Chemistry. Major Professor: H. Hart, Professor.  

Jerome Francis Chmielewski, Ph.D.  
B.S., M.S., Michigan State University.  
Mechanical Engineering. Major Professor: R. T. Hinkle, Professor.  
Thesis: Design Calculation for Four Bar Linkage Function Generators.

Harold Edwin Christen, Ph.D.  
B.S., University of Connecticut; M.F., Yale University.  
Forestry. Major Professor: L. M. James, Professor.  

Harold Bernard Davis, Ph.D.  
B.A., New York University; M.A., Teachers College, Columbia University.  
Psychology. Major Professor: A. I. Rabin, Professor.  

Johannes Delphendahl, Ph.D.  
Diplomlandwirt, Landwirtschaftliche Hochschole Hohenheim; M.S., University of Massachusetts.  
Agricultural Economics. Major Professor: R. Barlowe, Professor.  

Marie Eunice Dubke, Ph.D.  
B.S., M.B.A., University of Buffalo.  
Accounting. Major Professor: J. D. Edwards, Professor.  
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

George M. Gentry, Ph.D.
B.A., M.S., University of Oklahoma.
Education. Major Professor: W. F. Johnson, Professor.

Savita Gupta, Ph.D.
B.A., M.A., Agra University, India.
Sociology. Major Professor: J. A. Beegle, Professor.

Anthony John Guthrie, Ph.D.
B.A., M.A., University of Notre Dame.
Education. Major Professor: W. W. Farquhar, Associate Professor.
Thesis: Traits of Discipline Cases at Michigan State University.

Don J. Heinz, Ph.D.
B.S., M.S., Utah State University.
Farm Crops. Major Professor: F. C. Elliott, Professor.
Thesis: Improvement of Grasses Through Induced Chromosomal Recombinations.

Gerald Daniel Jacobs, Ph.D.
B.A., Bowling Green State University.
Chemistry. Major Professor: R. H. Schwendeman, Assistant Professor.
Thesis: Studies of the Molecular Structure of Ethyl Chloride, Chloromethylsilane, and Cyclopropyl Chloride by Microwave Spectroscopy.

Dennis Charles Kuzma, Ph.D.
B.S., M.S., Michigan State University.

Benjamin Tillman Lanham, Jr., Ph.D.
B.S., Clemson College; M.S., University of Tennessee.
Agricultural Economics. Major Professor: L. W. Witt, Professor.

Vely Michel Leroy, Ph.D.
B.A., University of Notre Dame; Master of Commerce., Ecole des Hautes Etudes.
Economics. Major Professor: T. Mayer, Professor.
Thesis: The Demand For Money, Income and Employment.
CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Jacques M. Levy, Ph.D.  
B.A., City College of New York; M.A., Michigan State University.  
Psychology. **Major Professor:** A. I. Rabin, Professor.  
**Thesis:** Regression in the Service of the Ego and Its Relation to Creativity.

Siepko Hendrik Lok, Ph.D.  
B.S.A., M.S.A., University of British Columbia.  
Agricultural Economics. **Major Professor:** R. Barlowe, Professor.  
**Thesis:** An Enquiry Into the Relationships Between Changes in Over-all Productivity and Real Net Return Per Farm and Between Changes in Total Output and Real Gross Return, Canadian Agriculture, 1926 to 1957.

Abdulla M. Lutfiyya, Ph.D.  
B.A., William Penn College; M.A., Michigan State University.  
Social Science Divisional. **Major Professor:** J. Useem, Professor.  

John Nelson Marr, Ph.D.  
B.A., University of Michigan; M.A., Michigan State University.  
Psychology. **Major Professor:** S. C. Ratner, Associate Professor.  
**Thesis:** Varying Stimulation and Imprinting in Puppies.

J. Paxton Marshall, Ph.D.  
B.S., University of Kentucky; M.A., Michigan State University.  
Agricultural Economics. **Major Professor:** G. L. Johnson, Professor.  
**Thesis:** The Close Corporation as a Form of Business Organization for Michigan Family Farms.

John McKeever, Ph.D.  
B.S., Bowling Green State University; M.B.A., University of Denver.  
Business Administration. **Major Professor:** B. C. Lemke, Professor.  

Ramzi Hanna Misho, Ph.D.  
B.S., College of Science, Baghdad; M.S., Colorado State University.  
Physics. **Major Professor:** D. J. Montgomery, Professor.  
**Thesis:** Effect of Isotopic Composition on Infrared Absorption of Thin Films of Lithium Fluoride and Lithium Hydride.

John Hoffman Nordin, Ph.D.  
B.S., University of Illinois.  
Biochemistry. **Major Professor:** R. G. Hansen, Professor.  
**Thesis:** Heterogeniety of Glycogen.
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Jack Ivan Ohms, Ph.D. B.S., Iowa State College; M.S., Michigan State University. Dairy. Major Professor: M. J. Gordon, Assistant Professor. Thesis: The Immunological Response of the Bovine and Rabbit to Pregnant Mare Serum Gonodotrophin.


CANDIDATES FOR THE DOCTORAL DEGREES (Continued)


Denny A. Silvestrini, Ph.D.  B.S., University of British Columbia; M.S., University of Toronto.  Food Science.  Major Professor: L. E. Dawson, Associate Professor.  

Hari Mohan Singh, Ph.D.  B.S., Bihar Agricultural College; M.S., Michigan State University.  Soil Science.  Major Professor: A. R. Wolcott, Associate Professor.  

James S. Skelcey, Ph.D.  B.S., University of Detroit.  Chemistry.  Major Professor: R. N. Hammer, Associate Professor.  
Thesis: Siloxy-Bis (cyclopentadienyl) Titanium (IV) Compounds.

Mildred Beatty Smith, Ph.D.  B.S., South Carolina State College; M.A., Michigan State University.  Education.  Major Professor: G. R. Myers, Associate Professor.  
Thesis: The Influence of Teachers' Behavior on Students' Educational and Vocational Expectations.

Roy William Snyder, Ph.D.  B.S., Pennsylvania State University; M.S., University of Southern California.  Microbiology and Public Health.  Major Professor: D. E. Schoenhard, Associate Professor.  

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Willard Robert Sparks, Ph.D.  
B.S., M.S., Oklahoma State University.  
Agricultural Economics. Major Professor: C. Hildreth, Professor.  

William Stielstra, Ed.D.  
B.A., Calvin College; M.A., University of Michigan.  
Education. Major Professor: W. F. Johnson, Professor.  
Thesis: A Study of the Beliefs and Academic Behavior of Freshman Engineering Students at Purdue University.

Ellwyn R. Stoddard, Ph.D.  
B.S., Utah State Agricultural College; M.A., Brigham Young University.  
Sociology. Major Professor: W. H. Form, Professor.  
Thesis: Catastrophe and Crisis in a Flooded Border Community: An Analytical Approach to Disaster Emergence.

Thomas Robert Trabasso, Ph.D.  
B.S., Union College; M.A., Michigan State University.  
Psychology. Major Professor: F. Restle, Associate Professor.  

Robert Benton Trader, Ed.D.  
B.S., Indiana University; Litt. M., University of Pittsburgh.  
Education. Major Professor: P. L. Dressel, Professor.  
Thesis: A Study of the Relationship of Scheduled Contact Hours to Credit Hours in Eight Publicly Supported Colleges and Universities in the State of Michigan.

Michele Albert Tucci, Ph.D.  
B.A., M.A., Michigan State University.  
Education. Major Professor: G. A. Miller, Associate Professor.  
Thesis: The Relationship of School Maladjustment to School-Drop-Outs.

Ruth Schweigert Tukey, Ph.D.  
B.A., Ithaca College; M.A., Michigan State University.  
Education. Major Professor: B. R. Corman, Professor.  
Thesis: A Study of Differences Found Between Intellectually-Oriented and Socially-Oriented Superior Girls.
CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Paul Arthur Van Dreal, Ph.D.  B.S., Calvin College.
Botany and Plant Pathology. **Major Professor:** G. B. Wilson Professor.
**Thesis:** Mitotic Activity and Respiration in the Pea Root Meristem.

Heinrich von Moltke, Ph.D.  B.A., Wayne State University; M.A., University of Wisconsin.
Speech. **Major Professor:** D. C. Ralph, Associate Professor.
**Thesis:** Paul Joseph Goebbels—Spokesman for the Third Reich.

Jervis Winn Wacasey, Ph.D.  B.S., M.S., Texas Technological College.
Zoology. **Major Professor:** M. M. Hensley, Associate Professor.
**Thesis:** An Ecological Study on Two Sympatric Species of Salamanders, *Ambystoma maculatum* and *Ambystoma jeffersonianum*, in Southern Michigan.

John Halbert Wakeley, Ph.D.  B.A., College of Wooster; M.S., North Carolina State College.
Psychology. **Major Professor:** C. F. Frost, Professor.
**Thesis:** The Effects of Specific Training on Accuracy in Judging Others.

Terry Allen Welden, Ph.D.  A.B., West Virginia University; M.A., University of Pittsburgh.
Speech. **Major Professor:** K. G. Hance, Professor.
**Thesis:** The Effect of Message Order in Controversial Material on Attitudes and Retention.

Joseph Lewis White, Jr., Ph.D.  B.A., M.S., San Francisco State College.
Psychology. **Major Professor:** A. I. Rabin, Professor.
**Thesis:** Attitudes Toward Child Rearing as Related to Some Psychodynamic Factors in Mothers.

Robert Mack Williams, Ph.D.  B.S., Texas Technological College; M.S., Michigan State University.
Dairy. **Major Professor:** T. I. Hedrick, Professor.
**Thesis:** Store Merchandising of Cheese and Consumer Reactions.

Eugene Zukowsky, Ph.D.  A.B., New York University; M.A., City College of New York.
Psychology. **Major Professor:** A. I. Rabin, Professor.
**Thesis:** Measuring Primary and Secondary Process Thinking in Schizophrenics and Normals by Means of the Rorschach.
SCHOOL FOR ADVANCED GRADUATE STUDIES

GRADUATES AS OF SEPTEMBER 1, 1961

DIPLOMA FOR ADVANCED GRADUATE STUDY

Lyle Morse Chenoweth  
B.S., Western Michigan University; M.A., University of Michigan.  
Education. Major Professor: W. H. Roe, Professor.

CANDIDATES FOR THE DOCTORAL DEGREES

Sister Mary Teresita Austin, Ph.D.  
B.A., Western Michigan University; M.A., Notre Dame University.  
History. Major Professor: M. E. Gesner, Assistant Professor.  

Gurwant S. Bajwa, Ph.D.  
B.V.Sc., Punjab University; M.S., University of Maryland.  
Veterinary Pathology. Major Professor: R. D. Barner, Professor.  
Thesis: Bovine Mucosal Disease in Michigan.

John M. Ball, Ph.D.  
B.A., Central Michigan University; A.M., University of Michigan; S.M., University of Chicago.  
Geography. Major Professor: P. C. Morrison, Professor.  
Thesis: The Urban Geography of Tepic, Nayarit, Mexico: A Study of Changing Functions.

Sidney C. Bell, Ph.D.  
B.S., M.S., Alabama Polytechnic Institute.  
Agricultural Economics. Major Professor: G. L. Johnson, Professor.  

Don LeRoy Bisdorf, Ph.D.  
B.M., McPhail Minneapolis College of Music; B.A., Northwestern College; M.M., Michigan State University.  
Music Education. Major Professor: W. R. Sur, Professor.  
CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Earl R. Brown, Ph.D.  B.S., M.S., University of Minnesota.
Agricultural Economics. Major Professor: V. L. Sorenson, Associate Professor.
Thesis: An Economic Analysis of Bantams and Conventional Convenience Food Stores.

John H. Bushnell, Ph.D.  B.A., Vanderbilt University; M.S., Michigan State University.
Zoology. Major Professor: T. W. Porter, Professor.

Alvin Jay Bytwork, Ph.D.  B.A., Calvin College; M.A., Michigan State University.
Marketing. Major Professor: W. J. Crissy, Professor.

Doris C. DeHardt, Ph.D.  B.A., M.A., University of Missouri.
Psychology. Major Professor: S. H. Bartley, Professor.
Thesis: An Investigation of Tactual Apparent Movement.

Samuel L. DeLeeuw, Ph.D.  B.S., M.S., Michigan State University.
Thesis: Behavior of Viscoelastic Plates Under the Action of In-Plane Forces.

Arleigh R. Dodson, Ph.D.  B.A., Kalamazoo College; M.S., Michigan State University.
Chemistry. Major Professor: R. D. Schuetz, Professor.

Mary Patricia Faber, Ph.D.  B.S., Bowling Green State University.
Chemistry. Major Professor: J. L. Dye, Professor.
Thesis: The Conductances of Zinc Perchlorate and Potassium Octacyanomolybdate (IV) and the Transference Number of Zinc Sulfate in Aqueous Solution at 25°C.
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Harold Edward Fearon, Ph.D.
B.S., M.B.A., Indiana University.
Business Administration. Major Professor: J. H. Hoagland, Associate Professor.

Marie Ferguson, Ph.D.
A.B., Friends University; B.D., Hartford Theological Seminary.
Education. Major Professor: B. Steffire, Professor.
Thesis: Psychological Group Counseling with Socially Isolated Seventh Grade Girls—An Exploratory Study.

Harold F. Goldsmith, Ph.D.
Ph.B., M.A., University of Chicago.
Sociology and Anthropology. Major Professor: J. A. Beegle, Professor.

John D. Graham, Ph.D.
B.S., Providence College.
Chemistry. Major Professor: M. T. Rogers, Professor.

James Perry Harkness, Ph.D.
B.A., M.A., Michigan State University.
Sociology and Anthropology. Major Professor: D. L. Gibson, Professor.

Hajime Hayashi, Ph.D.
B.S., M.S., Michigan State University.
Microbiology and Public Health. Major Professor: W. N. Mack, Professor.

Peter Wing Hemingway, Ph.D.
A.B., Stanford University; M.A., Michigan State University.
Psychology. Major Professor: J. S. Karslake, Professor.
Thesis: Multiple Agreement Analysis.
CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Gerald L. Hershey, Ph.D.  
A.A., University of California at Los Angeles; B.A., M.A., Michigan State University.  
Education. Major Professor: L. V. Shepard, Professor.  
Thesis: An Experimental Study of the Relative Effectiveness of Classroom Observation and Simulated Teaching in an Introductory Educational Psychology Course.  

Francis Xavier Hodgson, Ph.D.  
B.A., University of Philippines; M.S., Cornell University.  
Business Administration. Major Professor: D. G. Moore, Professor.  

William C. Holm, Ph.D.  
B.S., M.S., Michigan State University.  
Electrical Engineering. Major Professor: M. B. Reed, Professor.  
Thesis: Power Output and Efficiency of Pulse Duration Modulated Amplifiers.  

Justin C. Huang, Ph.D.  
B.S., University of Washington; M.S., Michigan State University.  
Physics. Major Professor: J. S. Kovacs, Assistant Professor.  
Thesis: Final State Interactions in Strange Particle Production.  

William E. Inniss, Ph.D.  
B.S., M.S., Ontario Agricultural College.  
Microbiology and Public Health. Major Professor: C. L. San Clemente, Professor.  
Thesis: Biochemical Studies on Staphylocoagulase with Emphasis on Associated Phosphatase Activity.  

Marvin S. Kaplan, Ph.D.  
B.S., M.S., City College of New York.  
Education. Major Professor: W. F. Johnson, Professor.  
Thesis: An Investigation of the Anxiety Levels of Mentally Handicapped Child with Special Consideration of the Effect of Special Education Classes.  

Frank W. Kearns, Ph.D.  
B.S., Utah State University; M.S., Michigan State University.  
Forestry. Major Professor: L. M. James, Professor.  
CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Adrian J. Klaasen, Ph.D.
Ph.B., University of Chicago; M.A., Michigan State University.
Marketing. **Major Professor:** D. A. Taylor, Professor.

Myron Kuczmak, Ph.D.
M.S., Lwow Technical University, Poland.
Biochemistry. **Major Professor:** N. E. Tolbert, Professor.
**Thesis:** Metabolism of Glycolic Acid.

C. James Lafkiotes, Ed.D.
B.M., University of Michigan; M.A., Columbia University.
Education. **Major Professor:** D. J. Leu, Professor.
**Thesis:** The Relationship of Perceptual Classification to Principal-Teacher and Principal-Pupil Interaction in Selected High Schools.

Bernard J. LaLonde, Ph.D.
B.A., University of Notre Dame; M.B.A., University of Detroit.
Marketing. **Major Professor:** T. A. Staudt, Professor.
**Thesis:** Differentials in Supermarket Drawing Power and Per Capita Sales by Store Complexes and Store Size.

Richard G. Leffler, Ph.D.
B.A., Emmanuel Missionary College; M.S., Michigan State University
Physics. **Major Professor:** D. J. Montgomery, Professor.
**Thesis:** The Effect of Isotopic Composition on the Electrical Resistance of Lithium.

John David Loerch, Ph.D.
B.S., Michigan State University.
Chemistry. **Major Professor:** J. L. Fairley, Professor.
**Thesis:** Ribonucleic Acid Metabolism During Beta-Galactosidase in Non-Growing *Escherichia Coli*.

Joseph H. MacNeil, Ph.D.
B.S., McGill University, Quebec; M.S., Michigan State University.
Food Science. **Major Professor:** L. E. Dawson, Associate Professor.
**Thesis:** A Calorimetric and Histological Method for Studying Freezing Rates in Turkeys.
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Harold R. Marquardt, Ph.D.  B.A., M.A., Michigan State University.
Education. Major Professor: W. W. Farquhar, Associate Professor.
Thesis: The Role of the Resident Assistant in the Men's Residence Halls
at Michigan State University.

R. Clyde McConie, Ph.D.  B.A., Wessington Springs College; M.S., South Dakota State College.
Sociology and Anthropology. Major Professor: I. Ishino, Associate Pro-
fessor.
Thesis: Mirror for Anthropology: A Cultural Analysis of the Study of
Man and Culture.

Pat N. McLeod, Ed.D.  B.S., M.S., North Texas State College.
Education. Major Professor: B. Steffire, Professor.
Thesis: Doctoral Program in the School of Education at North Texas
State University and Other Selected Institutions.

Everett Perkins Merrill, Ph.D.  B.S., M.S., University of Vermont.
Food Science. Major Professor: J. M. Jensen, Associate Professor.
Thesis: Detergency of Chlorinated Trisodium Phosphate on Milk Pro-
tein Soils from Stainless Steel and Glass.

Education. Major Professor: F. G. Parker, Associate Professor.
Thesis: Social Interaction Patterns and Occupational Aspirations of
Selected High School Students.

Ronald Gene Rex, Ph.D.  B.S., Ball State Teachers College; M.A., Western Michigan University.
Education. Major Professor: W. V. Hicks, Professor.

Jeung Rhee, Ph.D.  B.A., M.A., Seoul National University, Korea.
Education. Major Professor: D. J. Leu, Associate Professor.
Thesis: An Analysis of Selected Aspects of Public Financial System in
Michigan.
CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

Con H. Schallau, Ph.D.  
B.S., Iowa State University; M.S., Michigan State University  
Forestry. Major Professor: L. M. James, Professor.  

Donald A. Schmidt, Ph.D.  
B.S., University of Wisconsin; D.V.M., Michigan State University; M.S., University of Minnesota.  
Veterinary Pathology. Major Professor: C. C. Morrill, Professor.  
Thesis: Some Micromorphologic Features of the Intestinal Tract of the Young Pig. I. Mitotic Activity of the Epithelium II. A Micromorphologic Comparison of Gnotobiotic and Farm-Raised Pigs.

Carl I. Shafer, Ed.D.  
B.S., M.A., Western Michigan University.  
Education. Major Professor: L. Borosage, Professor.  

C. Alex Shivers, Ph.D.  
B.S., M.A., George Peabody College.  
Zoology. Major Professor: J. R. Shaver, Professor.  

Paul P. Sidwell, Ph.D.  
B.S., M.S., Purdue University.  
Education. Major Professor: M. S. Smith, Professor.  
Thesis: A Case Study of Selected Factors Relating to Continuance or Withdrawal of Full-Term Freshmen at Grand Rapids Junior College.

Stuart Duane Sleight, Ph.D.  
D.V.M., M.S., Michigan State University.  
Veterinary Pathology. Major Professor: R. F. Langham, Professor.  
CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

H. Daniel Stillwell, Ph.D.  B.S., M.F., Duke University.
Geography. Major Professor: D. H. Brunnschweiler, Associate Professor.
Thesis: A Geography of Itatiaia National Park, Brazil.

Charles J. Sylvester, Ph.D.  B.S., University of Detroit; M.S., Michigan State University.
Microbiology and Public Health. Major Professor: H. L. Sadoff, Associate Professor.

Glenn Lee Waxler, Ph.D.  B.S., D.V.M., University of Illinois; M.S., Michigan State University.
Veterinary Pathology. Major Professor: C. K. Whitehair, Professor.

Sie-Byung Yoon, Ph.D.  M.D., Medical College, Seoul National University.
Zoology. Major Professor: A. S. Fox, Associate Professor.