COMMENCEMENT 1972
MICHIGAN STATE UNIVERSITY
THE COMMENCEMENT COMMITTEE

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Student Representative

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Lloyd R. Champion

John G. Laetz

Sue Moehring
Student Representative

Everett R. Emino

Milton E. Muelder

Horace C. King

Kermit H. Smith

Diplomas will be available for pickup as follows:
Advanced Graduate degrees ...beginning Apr. 3—Room 150 Hannah Administration Building
Master degrees ..................beginning Apr. 10—Room 150 Hannah Administration Building
Bachelor degrees ..................beginning Apr. 17—Room 50 Hannah Administration Building

Diplomas will be released only to the degree recipients upon presentation of identification. Diplomas not picked up by May 8 will be mailed.
COMMENCEMENT 1972
Sunday, March 12
University Auditorium, East Lansing

Conferral of Graduate Degrees, 10 A.M.
Conferral of Baccalaureate Degrees, 3 P.M.
Michigan State University operates under the jurisdiction of a constitutional body known as the Board of Trustees. The eight elected members serve eight-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 Board has general supervision of the University and the control and direction of all expenditures of University funds.

THE HONORABLE PATRICIA CARRIGAN ........................................Ann Arbor
THE HONORABLE FRANK HARTMAN .........................................Flint
THE HONORABLE WARREN M. HUFF ...................................Plymouth
THE HONORABLE BLANCHE MARTIN ................................East Lansing
THE HONORABLE FRANK MERRIMAN ................................Deckerville
THE HONORABLE DON STEVENS ......................................Okemos
THE HONORABLE KENNETH W. THOMPSON ..........................Grand Rapids
THE HONORABLE CLAIR WHITE .......................................Bay City

CLIFTON R. WHARTON, JR., Ex Officio, President ............East Lansing
JACK BRESLIN, Secretary .....................................................East Lansing
ROGER WILKINSON, Treasurer ........................................Okemos
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 have long, pointed sleeves. Those worn by masters 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 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. Arts 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 and Natural Resources | Maize |
| College of Arts and Letters | White |
| College of Business | Drab |
| College of Communication Arts | Royal Blue |
| College of Education | Light Blue |
| College of Engineering | Orange |
| College of Forestry, Packaging | Russet |
| College of Music | Pink |
| College of Economics | Copper |
| College of Journalism | Crimson |
| College of Speech | Silver Gray |
| College of Human Ecology | Maroon |
| College of Human Medicine | Green |
| James Madison College | Citron |
| Justin Morrill College | White |
| Lyman Briggs College | Golden Yellow |
| College of Natural Science | Golden Yellow |
| Nursing | Apricot |
| College of Osteopathic Medicine | Green |
| College of Social Science | Citron |
| College of Veterinary Medicine | Dark Gray |
ORDER OF CEREMONIES
Graduate Degrees

PROCessional

**March Militaire Français** .................................................. Saint-Saëns
The University Symphony Orchestra

**America** ................................................................................. Smith
(The Orchestra and Audience)

PRAYER

Dr. Gordon McKenzie
Department of American Thought and Language, Michigan State University

COMMENTS

Dr. William Hawley
Dean, College of Education, Michigan State University

SPECIAL MUSIC

**Concerto for Piano and Orchestra** .......................................... Mendelssohn
(First Movement: Allegro)

Pamela Haendel, Piano

CONFERRING OF DEGREES

Clifton R. Wharton, Jr., M.A., Ph.D.
President, Michigan State University

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

PRAYER

Dr. McKenzie

RECESSIONAL

**Coronation March** from The Prophets ................................... Mayerbeer
The University Symphony Orchestra

The escorts for the procession are members of Mortar Board, Tower Guard and Alpha Lambda Delta, honor societies for University women.

The audience is requested to remain seated while those in the procession are entering and leaving the auditorium.
ORDER OF CEREMONIES
Baccalaureate Degrees

PROCSSIONAL
MARCH MILITAIRE FRANCAIS .................................................. Saint-Saens
The University Symphony Orchestra

AMERICA .................................................................................. Smith
(The Orchestra and Audience)

PRAYER
DR. GORDON McKENZIE
Department of American Thought and Language, Michigan State University

ADDRESS
VERNON E. JORDAN, JR.
Executive Director, National Urban League

SPECIAL MUSIC
CONCERTO FOR PIANO AND ORCHESTRA .................................. Chopin
(First Movement: Allegro)
Steve Tarpley, Piano

CONFERRING OF DEGREES
CLIFTON R. WHARTON, JR., M.A., Ph.D.
President, Michigan State University

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

PRAYER
DR. McKENZIE

RECESSIONAL
CORONATION MARCH from The Prophets .................................. Mayerbeer
The University Symphony Orchestra

The escorts for the procession are members of Mortar Board, Tower Guard and Alpha Lambda Delta, honor societies for University women.

The audience is requested to remain seated while those in the procession are entering and leaving the auditorium.
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 118th year, Michigan State University has grown from three buildings and six faculty members to one of the largest universities in the nation. It has more than 3,000 staff members engaged in teaching, research and public service, 428 buildings, and approximately 5,000 acres of land of which 2,010 acres are in existing or planned campus development.

Founded in 1855 to educate youth for the major occupation of that day—farming—MSU has broadened its offerings to meet the educational needs of today. The University now has the School for Advanced Graduate Studies and 16 colleges—Agriculture and Natural Resources, Arts and Letters, Business, Communication Arts, Education, Engineering, Human Ecology, Human Medicine, James Madison, Justin S. Morrill, Lyman J. Briggs, Natural Science, Osteopathic Medicine, Social Science, Veterinary Medicine and the University College. Nearly 200 areas of specialization are available to undergraduates; approximately 300 are offered for graduate students.

The Honors College, which enables superior students to waive normal graduation requirements and undertake individual programs, attracts many of the nation's finest young scholars. Michigan State University also is a prominent sponsor of the National Merit Scholarship Program, comprised of an unusually select group of scholars.

One of the many innovations in higher education made by Michigan State University is its coeducational academic-residence halls. Incorporation of classrooms and faculty offices with living, dining and recreational facilities has given these giant dormitories, now nine in number, a stimulating academic environment. Each of these halls is the center of curricular and noncurricular activities, creating a "college within a college" atmosphere.

The "small college within the larger university" concept was introduced at MSU by the establishment of the Justin S. Morrill College, which offers a limited enrollment liberal education program with an international emphasis. The concept was expanded by the establishment and opening of the James Madison College and the Lyman J. Briggs College. James Madison offers a curriculum for the study of public policy problems within the framework of the social sciences and related disciplines. Lyman Briggs makes available a liberal curriculum for students especially interested in science and mathematics.

Today, more than 41,000 students attend the University at East Lansing. About 80 percent are from Michigan, representing every section of the state. Students also come from every state in the nation and 83 foreign countries.
In the land-grant tradition it pioneered, Michigan State University is concerned with research and service as well as teaching.

All colleges and the Agricultural Experiment Station are engaged in a wide range of research. Approximately 2,000 individual projects are in process. The University's research tools include the Control Data 3600 and 6500 computers, a 50-million-volt cyclotron, and the MSU Observatory which houses a three-ton, 24-inch reflecting telescope. Modern facilities include the following buildings: chemistry, biochemistry, psychology research, veterinary medicine, plant science research, natural resources, food science, pesticide research, and Life Sciences I.

Through an agreement with the Atomic Energy Commission, MSU has become a national center for basic research on plants and their reactions to radiation; involved is a $2 million building, a staff of approximately 90 persons and an annual budget of approximately $1 million.

Benefits of the University are brought to every county in Michigan by the Cooperative Extension Service and the Continuing Education Service. Their programs, on and off campus, provide a wide range of technical information and formal course work for hundreds of thousands of Michigan citizens. The Kellogg Center for Continuing Education, one of the finest conference centers in the nation, annually hosts nearly 50,000 adults who come to the campus for some 600 conferences and other educational meetings.

Michigan State University's land-grant concept of service is international. Supported by grants from the federal government and private foundations, Michigan State University maintains research and educational assistance projects in Asia, Africa and Latin America. International projects have given many faculty members overseas experience, adding a new dimension to their teaching.

With more than a century of educational achievement behind it, Michigan State University continues to apply its academic and physical resources to the problems of today and the challenges of the future.
Because of the remarkable depth and scope of your achievement as a literary artist, you are widely regarded as Latin America's foremost living author. Your influence on the literature of your native Argentina has been extraordinary, but throughout the world, and in the United States especially, you are acclaimed as a man whose works both reflect and illuminate our age. You have been an understanding and compassionate teacher of American and English literature at the University of Buenos Aires and, bridging two artistic worlds, you have taught the literature of Argentina at the University of Texas and Harvard University. In your critical essays as well as in your poetry and fiction, you have openly and faithfully supported the principle of liberty and democratic institutions and have eloquently opposed the suppression of free men. On this occasion of your return to Michigan State University, we wish to acknowledge once again the pleasure of the academic community in your visit and poetic reading here in 1969. In recognition of your distinguished literary career, your deep interest in our North American culture, and because of the wise and penetrating insights which you have brought to our human experience, Michigan State University is pleased to grant you the degree of Doctor of Humane Letters.

In the quarter century since your graduation from Michigan State University as an agricultural economist, you have had an unusually successful career as a business executive. Even before your graduation, you had served four eventful years in World War II as a bomber pilot and, after being shot down over Germany, had endured 19 months as a prisoner of war. For a time you were an extension specialist here, where you demonstrated your initiative and energy by developing an appraisal and credit system in the farm management program. In 1951 you joined the Northwestern Mutual Life Insurance Company, where you extended your endeavors in farm investment and finance. Through your imaginative and progressive leadership, you have become president of this seventh largest life insurance company in America. You have also given your enthusiasm and influence to important community projects in the Milwaukee area, and you have served your alma mater with distinction in many capacities, including your present membership on our Alumni Association's Executive Board. Because of the credit which you have brought to yourself and this institution, and the valuable contributions you have made to the economic and civic welfare of your fellow citizens, Michigan State University is pleased to award you the degree of Doctor of Laws.
HONORARY DEGREES

Vernon E. Jordan, Jr.

In your relatively brief career as a lawyer and articulate spokesman on public issues, you have occupied key positions in major organizations influencing the course of social change. Many of the dramatic episodes of racial progress in recent years have been initiated or brought to fulfillment by your dedicated and often courageous personal involvement. While practicing law in Arkansas and Georgia you showed exemplary leadership in planning and administering civil rights programs which greatly enlarged the ranks of black voters. Through these endeavors, and as executive director of both the National Urban League and the United Negro College Fund, you have confirmed the late Whitney Young’s description of you as “a man of vision and a man of action.” Your sincere concern for the common man of whatever race or nationality is evident in your active participation in the 1966 White House Conference on Civil Rights and in the important work of such organizations as Common Cause and the New World Federation. Because of your outstanding record in legal affairs and social reform, and for the spirit of hope and determination which has marked your distinguished achievements toward human rights, Michigan State University is pleased to grant you the degree of Doctor of Laws.

William W. Keeler

During your four decades with the Phillips Petroleum Company, of which you are now the Chairman and Chief Executive Officer, you have acquired a widespread reputation as an engineer and a business executive of unusual energy and vision. Through all those years you have also shown a zeal and idealism of another and equally valuable kind, perhaps as a part of your Indian heritage: a faithful devotion to the educational and cultural advancement of America’s Indian population. Your creative leadership has brought you many honors, including your election as Chairman of the Board of Directors of the National Association of Manufacturers. And because of your outstanding work on behalf of the Indian’s welfare, you were appointed Principal Chief of the Cherokees. Your unselfish labor on behalf of your fellow citizens includes service with the War on Poverty Program as a member of the National Advisory Council on Economic Opportunity, and the White House Youth Conference. In recognition of your valuable contributions to the nation’s industrial progress, and your dedication to advancing the social and economic well being of our Indian people, Michigan State University is pleased to grant you the degree of Doctor of Laws.
THE CANDIDATES
FOR DEGREES

1972 CLASS ROSTER

This includes the names of candidates for degrees for March, 1972.

Candidates are listed by School for Advanced Graduate Studies and by colleges. The colleges are arranged in the order in which they were established.
CANDIDATES FOR THE DOCTORAL DEGREE

JOSEPH SALVATORE ABBATE, Ph.D.  A.B., M.S., Rutgers University. Biochemistry. Major Professor: Fritz M. Rottman, Associate Professor. Thesis: The Determination of 2'-O-Methylation in RNA.


SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

ROBERT SCOTT AVERBACK, Ph.D.
B.S., Dickinson College.
Physics. Major Professor: Jack Bass, Associate Professor.
Thesis: The Magnetothermoelectric Effect in Aluminum, Aluminum
Alloys, Indium, and Lead.

JERRY NELSON BLACK, Ph.D.
B.S., West Virginia Wesleyan College.
Chemistry. Major Professor: William C. McHarris, Professor.
Thesis: Nuclear Spectroscopic Studies of Short-Lived Neutron-Defi-
cient Species in the $f_{7/2}$-Shell Region.

JAMES CARLISLE BLOSSER, Ph.D.
B.A., Indiana University.
Biochemistry. Major Professor: William W. Wells, Professor.
Thesis: Studies on the Turnover of Protein, Glycoprotein and Ganglio-
sides in the Brains of Galactose Intoxicated Chicks.

JOHN BOCK, Ph.D.
Education. Major Professor: Charles V. Mange, Professor.
Thesis: Reading Performance of Visually Impaired Print Readers
Using Standard Print, Large Print and Magnification.

GEORGE JOHN BOUGHTON, Ph.D.
B.A., M.A., Michigan State University.
History. Major Professor: Arthur E. Adams, Professor.

DELORES MAUREEN BOWERS, Ph.D.
B.S., Adrian College; M.S., Michigan State University.
Chemistry. Major Professor: Alexander I. Popov, Professor.
Thesis: Complex Compounds of 1,5-Dimethyltetrazole and of the 1-
Methyl Derivatives of Diazoles and Triazoles.

JAMES STANFORD BRADSHAW, Ph.D.
B.A., M.A., University of Michigan.
History. Major Professor: Warren I. Cohen, Professor.
Thesis: The "Lost" Conference: The Economic Issue in United States-
Latin American Relations, 1945-1957.

HUGH P. BRADY, Ph.D.
B.A., University of Southern California; M.S., University of California.
Education. Major Professor: W. Henry Kennedy, Professor.
Thesis: A Comparison of the Student Teaching Experience of Michi-
gan State University Student Teachers Assigned to Overseas American
Schools with that of Michigan State University Student Teachers As-
signed to Public Schools in Michigan.
CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

LORIN WAYNE BROWNING, Ph.D.
B.A., Louisiana College; M.A., Louisiana State University. Philosophy. Major Professor: D. F. Koch, Assistant Professor. Thesis: The Open Question Argument in Moore and Hare.

BRUCE PALMER BURNS, Ph.D.

DONALD WILLIAM BURNS, Ph.D.

JEAN PAUL CAMPAGNA, Ph.D.

DONALD L. CAPONE, Ph.D.

JI HSHIUNG CHEN, Ph.D.

JING SHYONG CHEN, Ph.D.

BIN-LUH CHENG, Ph.D.
B.S., National Taiwan University; M.S., National Chiao Tung University. Electrical Engineering. Major Professor: Bong Ho, Associate Professor. Thesis: Carrier Wave Interaction in Solids.
CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

CLIFFORD CHI-FONG CHOU, Ph.D.
B.S., M.S., National Taiwan University.
Mechanics. Major Professor: George E. Mase, Professor.

WAYNE HOWARD CLIFFORD, Ph.D.
B.S., M.S., Michigan State University.
Chemical Engineering. Major Professor: George A. Coulman, Associate Professor.
Thesis: Simulation and Open-Loop Control of a Cocurrent Dryer.

WILLIAM RAYMOND CUMMINS, Ph.D.
B.S., McMaster University.
Botany and Plant Pathology. Major Professor: J. Kende Hans, Professor.

NGUYEN CAO DAM, Ph.D.
L.Sc., Faculty of Science of Saigon; M.S., Michigan State University.
Mathematics. Major Professor: Joseph Adney, Professor.

DAFROSA ARGANOSA DEL ROSARIO, Ph.D.
B.S., M.S., University of the Philippines.
Horticulture. Major Professor: A. R. Putnam, Associate Professor.
Thesis: Enhancement of Phenylurea Herbicide Activity with Carbaryl and Diazinon.

ERIC ALEXANDER DOUNCE, Ph.D.
B.S., Syracuse University; M.S., Michigan State University.
Electrical Engineering. Major Professors: P. David Fisher, Assistant Professor; Charles R. Gruhn, Professor.
Thesis: Dynamics of Lithium in Germanium and Compensated Silicon.

ADAN ALBERTO EFFEIO LEON, Ph.D.
Diploma, Universidad San Marcos.
Chemistry. Major Professor: G. J. Karabatsos, Professor.
Thesis: Secondary $\beta$ and $\gamma$ Deuterium Isotope Effects in the Solvolyses of Isobutyryl and Pivaloyl Chlorides.

JEAN ELLICKSON, Ph.D.
B.A., The Ohio State University; M.A., University of Michigan.
Anthropology. Major Professor: Ralph W. Nicholas, Professor.

DONALD EUGENE ELSON, Ph.D.
B.S., M.S., Kansas State University.
Education. Major Professor: Raymond Garner, Professor.
CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

**Everett Raymond Emino, Ph.D.**
B.S., University of Massachusetts; M.S., Michigan State University. Horticulture. Major Professor: H. P. Rasmussen, Associate Professor. Thesis: A Histochemical and Morphological Study of Flower Initiation in the Chabaud Type Carnation (*Dianthus caryophyllus* L.)

**Thomas Edward Evans, Ph.D.**

**David F. Fetyko, Ph.D.**

**Robert Alan Fles, Ph.D.**

**Gene Walter Franks, Ph.D.**
B.S., Western Michigan University; M.A., University of Michigan. Education. Major Professor: William V. Hicks, Professor. Thesis: A Descriptive Study of Certain Personality Differences and Teacher Satisfaction Among Teachers in Economically Distressed Schools.

**Gary Floyd Gerard, Ph.D.**

**Jerod Louis Goldstein, Ph.D.**

**Charles Douglas Graves, Ph.D.**
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)


WILLIAM HENRY LEWELL GREEENE, Ph.D.  B.A., Johnson C. Smith University; M.A., Michigan State University. Education. Major Professor: Samuel A. Corl, Assistant Professor. Thesis: An Assessment of Attitudinal Change as a Result of Two Models of Preparing Teachers for Inner-City Schools.


CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

Physics. Major Professor: Aaron Galonsky, Professor.  
Thesis: Proton Spin Flip Probability in Inelastic Scattering on $^{120}$Sn and $^{124}$Sn at 30 MeV.

Education. Major Professor: Marvin E. Grandstaff, Associate Professor.  
Thesis: Reason Conceived as Repression: An Examination of the Philosophy of Norman O. Brown.

Business Administration (Management). Major Professor: Henry L. Tosi, Associate Professor.  
Thesis: Organizational Values, Structure and Technology.

James Davis Ingle, Jr., Ph.D.  B.S., University of Illinois.  
Chemistry. Major Professor: Stanley R. Crouch, Assistant Professor.  
Thesis: Theoretical and Experimental Considerations for Analytical Rate Measurements.

Sara Erb Ingle, Ph.D.  B.S., Denison University.  
Chemistry. Major Professor: Frederick H. Horne, Associate Professor.  
Thesis: Rational and Practical Nonequilibrium Thermodynamics.

Donald Lee Inman, Ph.D.  B.S., Oakland University; M.S., Michigan State University.  
Fisheries and Wildlife. Major Professor: George A. Petrides, Professor.  
Thesis: $^{51}$CrCl$_3$ Mobility and Cellulose Digestion in Three Gallinaceous Species.

Communication. Major Professor: Richard V. Farace, Associate Professor.  
Thesis: The Structure and Functions of Internal Communication in Three Religious Communities.

Duncan R. Jamieson, Ph.D.  A.B., Defiance College; M.A., Toledo University.  
History. Major Professor: Douglas T. Miller, Associate Professor.  
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

JAMES MAXWELL JENNINGS, Ph.D.  
B.S., M.A., Western Michigan University.  
Education. Major Professor: Richard L. Featherstone, Professor.  

PUTTI M. JOSEPH, Ph.D.  
B.S., St. Xavier's College; M.B.A., Suffolk University.  
Business Administration (Management). Major Professor: Richard F. Gonzalez, Professor.  

RODNEY HOWARD JOSEPH, Ph.D.  
B.A., City College of New York; M.A., Michigan State University.  
History. Major Professor: Frederick D. Williams, Professor.  

SURINDER KAPUR, Ph.D.  
B.S., M.S., Michigan State University.  
Mechanical Engineering. Major Professors: Merle C. Potter, Associate Professor; Mahlon C. Smith, Associate Professor.  

MEHDI KERMANI, Ph.D.  
B.S., Tehran University; M.S., Michigan Technological University.  
Electrical Engineering. Major Professor: Robert O. Barr, Associate Professor.  

DHARAM CHAND KHATRI, Ph.D.  
B.S., University of Jabalpur; M.S., University of Saugar.  
Mathematics. Major Professor: I. Sinha, Associate Professor.  
Thesis: Relative Projectivity and Radicals in Modular Group Algebras.

PAUL CHARLES KILCOAR, JR., Ph.D.  
B.A., Bridgewater State College.  
Chemistry. Major Professor: George E. Leroi, Associate Professor.  
Thesis: Photoionization Mass Spectrometry: A Study of NO₂ and NO.

STEWARD WILLIAM KINDE, Ph.D.  
B.A., M.A., Central Michigan University.  
Education. Major Professor: Charles V. Mange, Professor.  
DENNIS EDWARD KNOX, Ph.D.
B.A., Greenville College; M.A., Harvard University.
History. Major Professor: Donald N. Lammers, Associate Professor.

JANVER DON KREHBIEL, Ph.D.
B.S., D.V.M., Kansas State University; M.S., Michigan State University.
Pathology. Major Professor: Kenneth K. Keahey, Professor.
Thesis: Pathology of Spontaneous Cataracts in Bobwhite Quail.

IVAR KRISTIANSlund, Ph.D.
B.S., Agriculture College of Norway; M.S., University of Oslo.
Agricultural Economics. Major Professor: Lester V. Manderscheid, Professor.

EDDY LORAIN LA DUE, Ph.D.
B.A., M.A., Cornell University.
Agricultural Economics. Major Professor: Warren H. Vincent, Professor.

ROBERT WILLIAM LAZA, Ph.D.
B.S., M.S., Michigan State University.
Civil Engineering. Major Professor: Orlando B. Andersland, Professor.
Thesis: Permeability and Shear Strength of Dewatered High Ash Content Pulp and Papermill Sludges.

CARL J. MAGGIORE, Ph.D.
B.S., Creighton University; M.S., Michigan State University.
Physics. Major Professor: Charles R. Gruhn, Professor.
Thesis: Inelastic Proton Scattering from 48Ca.

PERRY JOHN MANOR, Ph.D.
B.S., Wisconsin State University.
Chemistry. Major Professor: Richard H. Schwendeman, Professor.

SAMIR Abdel-Latif Aly Mansy, Ph.D.
B.S., M.S., Alexandria University.
Biophysics. Major Professor: Barnett Rosenberg, Professor.
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

Victoria Marcarian, Ph.D.
A.B., Temple University; M.S., Michigan State University.
Crop Science. Major Professor: F. C. Elliott, Professor.

Edward Howard McDonald, Ph.D.
Education. Major Professor: Charles E. Henley, Associate Professor.

Meredith Johnson Mead, Ph.D.
B.S., Central Michigan University; M.A., Michigan State University.
Family Ecology. Major Professors: Norma Bobbitt, Assistant Professor; Beatrice Paolucci, Professor.
Thesis: The Relationship Between Expressed Attitudes and Observed Behaviors of Mothers of Preschool Hearing-Impaired Children.

John Sanford Mickelson, Ph.D.
B.B.A., M.S., Wichita State University.
Communication. Major Professor: Gerald R. Miller, Professor.

Robert Don Moon, Jr., Ph.D.
B.A., Pacific Union College; M.A., Michigan State University.
Education. Major Professor: William J. Walsh, Professor.

Richard D. Nelson, Ph.D.
B.S., West Virginia State College; M.S., Michigan State University.
Physics. Major Professor: William M. Hartmann, Associate Professor.

William Noel Nicholson, Ph.D.
A.B., Wittenberg University; B.D., Lutheran Theological Seminary.
Education. Major Professor: John E. Jordan, Professor.

Robert Edward Otis, Ph.D.
B.A., Western Washington State College; M.A., Michigan State University.
Psychology. Major Professor: Stanley C. Ratner, Professor.
CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

†LINDA PALMER, Ph.D.
A.B., Hunter College; M.A., Middlebury College; D.S.E.F.H., University of Paris.
French, Language and Literature. Major Professor: Anne Harrison, Associate Professor.
Thesis: Rutebeuf, Performer-Poet.

JOHN MATHEW PALOORTHI, Ph.D.
B.S., India College of Engineering; M.S., Michigan State University.
Civil Engineering. Major Professor: Orlando B. Andersland, Professor.

PRAFULLA KUMAR PANI, Ph.D.
B.V.S., Bihar Veterinary College; M.S., Michigan State University.
Thesis: Selection in Broilers for Tolerance to Growth Depressants in Raw Soybeans.

UMA GANESAN PARAMESWARAN, Ph.D.
A.B., Mahakoshal Mahavidyalaya; A.M., Hislop College; A.M., Indiana University.
English. Major Professor: C. David Mead, Professor.

ORAL EUGENE PARKS, Ph.D.
B.A., Texas Technological University; M.A., Michigan State University.
Political Science. Major Professor: Rufus P. Browning, Associate Professor.

YVON PEPIN, Ph.D.
B.A., M.A., Laval University.
Psychology. Major Professor: Jeanne E. Gullahorn, Associate Professor.
Thesis: The Effects of Creativity, Intelligence and Communicator Expertise on Conformity.

GEORGE RUSSELL PERKINS, Ph.D.
B.S., M.S., Southern Illinois University.
Agricultural Economics. Major Professor: Lester V. Manderscheid, Professor.

WILLIAM DAVID PETERSON, Ph.D.
B.A., Wheaton College; M.A., Michigan State University.
Education. Major Professor: Walter F. Johnson, Professor.
Thesis: A Study of Incidents Having an Impact on the Effectiveness of New and Experienced Presidents of Selected Colleges and Universities in the Midwest.

† Posthumously
CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

My Linh Phan, Ph.D.

Es-Science, University of Cantho.
Education. Major Professor: T. Wayne Taylor, Professor.

Jean-Pierre Ponchie, Ph.D.

B.A., Wayne State University; M.A., University of Michigan.
French, Language and Literature. Major Professor: Joseph I. Donohoe, Associate Professor.
Thesis: De La Sensibilité de Quelques Personnages Féminins de Molière.

Visharn Poopath, Ph.D.

B.S., Chulalongkorn University; M.S., Michigan State University.
Civil Engineering. Major Professor: Roy R. Goughnour, Associate Professor.

Sivaraman Raghu, Ph.D.

B.S., M.S., Delhi University.
Chemistry. Major Professor: Donald G. Farnum, Associate Professor.
Thesis: Synthetic Approaches to Truncated Tetrahedran and Other (CH)₁₂ Hydrocarbons.

Vasudeva Ananda Rao, Ph.D.

B.S., University of Madras; M.S., Michigan State University.
Computer Science. Major Professor: Bernhard L. Weinberg, Assistant Professor.
Thesis: A Multimodal Distribution Based Clustering Algorithm.

Milan Jan Reban, Ph.D.

B.A., University of Miami; M.A., Vanderbilt University.
Political Science. Major Professor: Baljit Singh, Professor.

Peter George Renstrom, Ph.D.

B.A., Macalester College; M.A., Michigan State University.
Political Science. Major Professor: Harold J. Spaeth, Professor.

Milton Dale Rhoads, Ed.D.

B.S., Central Michigan University; M.A., Michigan State University.
Education. Major Professor: Robert O. Nolan, Professor.
CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

WILLIAM GUST RUESINK, Ph.D.
B.S., M.S., Michigan State University. Entomology. Major Professor: Dean L. Haynes, Associate Professor. Thesis: The Integration of Adult Survival and Dispersal Into a Mathematical Model for the Abundance of the Cereal Leaf Beetle, Oulema melanopus (L).

FELIPE RUIZ, Ph.D.

JAMES EDWARD SARGENT, Ph.D.

LARRY EUGENE SCHAFER, Ph.D.
B.S., M.S., Illinois State University. Education. Major Professor: Joe L. Byers, Professor. Thesis: Inducing Stage III Seriation Capabilities in Kindergarten Children through Cue Fading and Reinforcement.

DALE LEE SCHEUSNER, Ph.D.
B.S., South Dakota State University; M.S., North Carolina State University. Food Science. Major Professor: Laurence G. Harmon, Professor. Thesis: Effect of Temperature and pH on Production of Staphylococcal Enterotoxin in Brain Heart Infusion Broth and in Food.

GEORGE ROBERT SCHNECK, Ph.D.

LELAND R. SCHWEITZER, Ph.D.

ARNDT SEIFERT, Ph.D.

BALKUMAR PRATAPRAI SHAH, Ph.D.
B.S., Fergusson College; M.S., Karnataka University; M.S., Michigan State University. Geology. Major Professor: James W. Trow, Professor. Thesis: Evaluation of Natural Aggregates in Kalamazoo County and Vicinity Michigan.
CANDIDATES FOR THE DOCTORAL DEGREE (Continued)


JAMES E. THOMPSON, Ph.D. B.S., M.S., Eastern Illinois University. Education. Major Professor: Elwood E. Miller, Associate Professor. Thesis: Guidelines Developed from a Comparative Investigation of Four College of Education Instructional Resource Centers.

NGUYEN VAN THUY, Ph.D. License És-Sciences, Diplome d'Études Supérieures des Sciences Naturelles, Université de Saigon; M.S., Michigan State University. Education. Major Professor: Vandel C. Johnson, Professor. Thesis: Proposal for a Modern Core Curriculum for the First Two Undergraduate Years in Institutions of Higher Education in Vietnam.


CANDIDATES FOR THE DOCTORAL DEGREE (Continued)


BERNARD DWIGHT WILDER, Ph.D. B.A., State University of New York; M.A., Ball State University. Education. Major Professor: David K. Heenan, Professor. Thesis: An Examination of the Phenomenon of the Literacy Skills of Unschooled Males in Laos.


MOHAMED ISMAIL ZAFER, Ph.D. B.A., Cairo University; G.D., Ain Shams University; M.A., Michigan State University. Education. Major Professor: Edgar A. Schuler, Professor. Thesis: An Investigation of Factors which are Associated with Enrollment and Non-Enrollment in Teacher Education Programs of Public Secondary Education in Saudi Arabia.

CANDIDATES FOR EDUCATIONAL SPECIALIST DEGREES

DAVID ARLO FULTZ, Ed.S. B.S., M.A., Michigan State University. Education. Major Professor: James E. Green, Associate Professor.


OLIN JOHN MURDICK, Ed.S. B.A., University of Michigan; M.S., Catholic University of America. Education. Major Professor: Walter W. Scott, Associate Professor.

EDWARD JAMES REILLY, Ed.S. B.A., M.A., University of Notre Dame. Education. Major Professor: Archibald B. Shaw, Professor.
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<tr>
<th>Degree</th>
<th>Field</th>
<th>Name</th>
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<td>Agricultural Economics</td>
<td>Graham Anthony DeFreitas</td>
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Animal Husbandry
Jeffrey Neal Dizik
Robert Edward Grounds
Richard C. Isles
Dorinda Marie Miller
*Harland Darel Wood

Building Construction
Harold Frederick Domke
DeWayne Bruce Gregg
Benny L. King
Joel Michael Morden
**Dennis Alan Neely

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Dean Geers
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Michael Andrew Trowbridge

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Morris Leslie Rice
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**William Charles Gibson
Walter Rae Kepler
John Wayne Longstreet
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William Jon Thompson
H**Hilma Louise Volk
George Richard Wheatley

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Resource Development
Loren Paul Ameen
Dwight Allan Carmon
John Patrick Cassidy
Daniel Devere Peterson
Jack Gordon Ruddick

Soil Science
Arthur E.J. Hass

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COLLEGE OF ENGINEERING

LAWRENCE W. VON TERSCH, DEAN

DEGREE OF MASTER OF SCIENCE

Chemical Engineering
Bakulesh Navranglal Shah

Civil Engineering
Michael Eugene Foote
Kishor Chandra Jethalal Jethava
Namik Kemal Kilic
Daniel B. Ploger

Computer Science
Richard Ramsey Moore

Materials Science
John Alfred Blind
Daniel George Devine

Mechanical Engineering
Kenneth Roger Hamilton

Sanitary Engineering
Asad Quraishi

Systems Science
John Hardeman Brinn
Marcus Robert Buchner
Altan Coner
Billy Joe McDaniel
David Roger Ruddick

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*William Charles Brown
Kenneth Robert Cross
Michael Eugene Foote
Benjamin John Franklin
Patrick Allen Gooch
Wayne T. Gugel
Charles Andrew Janiszewski
William Kennedy

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Brett Lee Bardo

H**Marian Elaine Burman

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**William Eric Sperber
Thomas Angelo Zambetis

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Thomas Edward Mittelstaedt

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H**Bruce J. Makenas
Daniel Lee Tolles

Systems Science
H*John Frederick Doyal

GUilermo Martinez
David Carl Mundinger

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Gerhard Edmund Pickelmann

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DEGREE OF
MASTER
OF ARTS
Child Development
Judy D. Levine
Family Studies
Ruth Holt Prater
Home Economics Education
Carol Ruth Geer

DEGREE OF
MASTER
OF SCIENCE
General Home Economics
Bong Ui Lee
Institution Administration
†Sally Ann Albrecht
Sara M. Ching

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BACHELOR
OF ARTS
Interior Design
Mary Jean Braak
*Marilyn Corson
*Sandra Jo Hunt
Arden L. Wykes

DEGREE OF
BACHELOR
OF SCIENCE
Community Services
Anne Margaret Adams
Sharon Louise Krupansky
**Kathleen Elaine Terry
Foods
Ann Catherine Niemetta
General Clothing and Textiles
Janet Lynn Ankersen
Judith Diane Bates
Melissa Jean Brown
*Marylou Buchan
Laura Jane Meisel

DEGREE OF
BA...
Research in Foods and Nutrition
*Eileen Frances McMahon

Retailing of Textiles and Clothing
Susan Lee Damberg
Justine Elizabeth Gudritz
*Gail Marie Lindstrom
Margaret Louise Maczulski
Cheryl Deneen McCauley
H**Martha Emily Paterson
Gayle K. Reinecke
*Virginia A. Schalon

H**Sydney Sue Sutkus
H**Jennifer Jane Walkup

DEGREE RECOMMENDED
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Child Development and Teaching
Greta Jane Boldt
Wendy Risa Freedman
Sharen Ann Furman
H**Jo-Anne Catherine Kolodziej
Mary Jo Martin
*Susan Marie McConnell

*Kathleen Marie Nitz
*Susan Jean Spagnuolo
Sharon Ann Viol

Home Economics Teaching
**Doreen Diane Barcelow
Jacqueline Sue Blair
**Janet Mae Densmore
Janice Louise Gaige
Nancy Denise Jenks
Kay Ellen Johnston
Mary Lynn Saloman
**Phyllis Ellen Turley
H**Linda Louise Van Dyke
*Linda Kaye Wells

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COLLEGE OF VETERINARY MEDICINE

Willis W. Armistead, Dean

Degree of Bachelor of Science in Veterinary Medicine

*Linda Mary Ask
*Bernard Lance Brown
*Thomas George Diffell
Richard Macomber
McFarland, II

Michael Kenneth Nazemetz
Eugene Nemeth, Jr.
**Georgia Flesher Richards
William Christopher
Sands, III
David Douglas Seidl

*Jacquelyn Mitchell Smith
Steve C. Smith
*Harry Dane Sorensen
*Ronald Archie Studer

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COLLEGE OF BUSINESS

KULLERVO LOUHI, DEAN

DEGREE OF MASTER OF ARTS

Economics
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Gerald Ray Campbell
Paul Alan Carlson

Economics
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Evan Dean Harrison
Barry Michael Johnson

Christopher Terrell King
Hernando Pérez, Jr.
Leslie C. Ravitz
Daniel Patrick Roberts

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

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Pedro Antonio Carreiro
Joon Jae Cho

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Charles Michael Jilek
Rodney Keith Johnson
Roderic Lee Jones
Norlan Dale Kaper
Richard Charles Kervin
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Preeya Mahatharadol
Larry Eugene Mainstone
Shahid Naseem Malik
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Ulrich Rembold
Peter Allan Rosser
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Alan Richard Swartz
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Mituo Tomooka
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DEGREE OF

ACCOUNTING

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Financial Administration
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Crowley
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Martha Jean Pohlod
Gordon E. Rollenhagen
James Michael Roman

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Dennis Wyman Schwartz

General Business Administration
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George Edward Bauer, Jr.
Charles Eugene Bicy
*Robin Cynthia Boxer
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Jeffrey Cavanagh
William Fondren Driver, Jr.
Lewis Carlton Fluker
Hugh Thomas Gingell
Thomas Carson Hall
Patrick Lee Hartford
Patrick Albin Hogan
Thomas Joseph Hornak
Dwight L. Kees
Richard Bruce Kenney
Gerard Clement Lautner
Richard Sherman Lauzun
Donald Russell Lebbin
Donald George Loeffler
Michael R. Lofitis
Edmund Maciorowski
William Wallace Marantette
Ronald J. McDaniel
David A. McGrain

Hotel and Restaurant Management
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Lynn Robert Pokorski
John Leander Rademacher
David Lee Randall
Robert James Rau
Wayne Anthony Roberts
Douglas Earl Royce
Charles Jerome Sanders
Zarie Esther Sarkisian
Erwin William Schmidt
*Holly Elizabeth Sill
Darryl Leon Smith
Robert Hugh Speer, Jr.
Bruce James Taunt
Michael Frederick Trebesh

HONORS COLLEGE

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Office Administration
Constance R. Griesbach
Sandra Elizabeth Pantti
**Linda Ann Ross

Personnel Administration
Bertha Jo DeForest
Susan Marie Dolsky
Thomas Michael Drummy
**William Brian Ferns
Donald D. Letts
Michael David Morris
Richard Francis Przystal
Richard John Ryan

Transportation Administration
*Bobbie Ovin Carmack, Jr.
Robert Dennis Stebner

Industrial Administration
Eugene Stephen Bozik, Jr.
Bruce Robert Metzdorf
*Wayne Floyd Zdrojkowski

Marketing
Michael James Blackman
Allan L. Edwards
David William Giroux

Business Education
Terrence L. Johnson
Cheryl Lynn Metcalf
Dennis Charles Simonovic
Marian C. Williams

H Honsom College
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** With High Honor
DEGREE OF
MASTER
OF ARTS

Education
Maxine Koss Allen
David Allen Anderson
Ralph Hubert Avant
Catherine Margaret Badra
Mary Ann Baker Bateman
Amy J. Behm
Alfredo H. Benavides
Bruce Burt Benedict
Ahmad Binazir
Ruth Anne Block
John Alan Bortert
Michael Stephen Botner
Hugh Gilbert Brown
Mary Margaret Cameron
Margaret A. Ciucci
Lynn Diane Cooper
Charles Bernard Counts
Denise Yvonne Curl
Paulo Gileno Cysneiros
Charles Richard Daniel
Ruth Evelyn Demel
Dirk Irvine Dieters
Marilyn Ann Ecken
Julie Ann Elashhab
Donald E. Elliott
Cecilia Mary Eytalis
Robert Bowen Finch
Diane K. Fisher
Arlene B. Fulton
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Holman
Fitzhugh Otis Houston
Shirley Sue Hoyle
Mark R. Hoyt
Barbara May Huston
Shaminia Islam
Vorma Jean Johnson
Mary Elizabeth Juel
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Elaine D. Kleman
Kathlyn Joan Knepper
Edwin Marion Koziol
Kenneth James Kuester
Mark Alan Kuhn
Edward J. Lynn
Lynne Marie Martin
Terrence L. Mason
Melvin Robert Matchett
Larry A. Mathews
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Meredith Glee McLachlan
Patricia Lee Messenger
Constance Johanna
Mierzimezki
George Anthony Mikicich
Jessie Charna Milberg
Lois Anne Miller
Christine Adele Minning
Dennis Alan Moore
Kathleen Irene Morad
Malcolm McPhee Morrison
Clare Leslie Nesbitt, Jr.
Nancy Lou Nesbitt
Robert Glen Neville
Harry Roberts Nickels
Edwin L. Novak
John Peter Orehovec
Linda Diane Patton
Constance Jane Pipher
Joyce Eddy Plummer
Wilhelmina Price

William John Prince
Joseph Christopher
Pruszynski
Bruce G. Raak
Ronald Berdette Rafferty
Juan Jose Ramos
Frances Nethercut Rauth
Donald Ralph Reithel
June Antoinette Rhea
Robert James Richmond
Ronald Carl Riggs
Charles Anthony Rivers
Ann Featherstone Rollins
Sharon Deborah Rosenfeld
William Clark Ross
Dewight Eugene Runyon
John Thomas Ryan
Krachang Sanchatavirul
Rodrigo Santana
Mary Christine Schultz
Barbara L. Skwara
Thomas Frederic Sother
Raymond George
Sprecher, Jr.
Daranee Sriyongfung
Warren G. Stauffer
Douglas Clark Strohmer
James Richard Stueland
Daniel Edward Sullivan
Nancy Sypien
Elaine Joyce Tarrant
Elsa Avellino Tenmatay
Mary Margaret Tiell
Edwin H. Townsend, Jr.
Sanford S. Ulrich
James Merle Vandermeulen
Michael C. Vander Velde
Carol Ann VanOchten
Maxine Anne Van Winkle
Frank Michael Vivio, Jr.
Anne Louise Weisburger
Woodrow Wilson
Loren Dale Wright
Ann M. Wyskowski
OF SCIENCE

OF ARTS

BACHELOR

H"James
Barbara
Carol
Gail
Joy
Gail
**Betty Marie Furtwangler
Kathryn Elizabeth Gardner
Jane Ellen Geers
Nancy Anne Gerts
Baiba Gilbe
Carol A. Gilmore
Katherine Kay Ginop
Steven Douglas Gleason
Latty Lee Goodwin
Cynthia Ann Greenhalgh
Phyllis F. Hancock
**Margaret Adele Harbut
Hollis Ann Herring
Barbara Louise Herrman
Drucie Ann Hogle
Jane Marie Holland
Karen Jean Homakie
Susan Linda Huckins
Sherry J. Hudson
Alice Jane Hughes
Sally Rogers Hutchins
Pamela Denise Johnson
Paula Parko Johnson
Margaret Ann Kiessel
D. Jane Klacke
**Elaine Marie Kluck
Joseph Leo Koeningknecht
Ann Konopko
Mary Ann Kurt
**Helen Marie Lange
**Carol Jean LaRue
Ardis Heacock Lick
Karen Kay Lickert
Christine Marie Liliekis
Robert P. Lobdell
**Ann-Marie Magnino
Mary Catherine Malliaros
Anita Diane Mendelson
Shirley Ann Metcalf
**Janet Elaine Mikelson
**Sharon Lee Miller
**Diane Ball Mitchell
Dianne E. Moggio
Nancy Jane Mokelke
**Debra Cheryl Morof
Kathleen Mary Morrissey
**Paula Drucie Neiditz
Joseph W. Nichols
**Judith Reynolds Nixon

Linda Eleanor Nofitz
Judith Ann Noreyko
Margaret E. Nunley
Carole Ann Oikarinen
Pamela Ann Pace
Terry Lee Patterson
Judith Gail Pick
Carolyn Middleton Piirala
Terry James Prangley
Mary Josephine Pulte
James Fredrick Rau
Terrie Lynn Pearick
Ronald Claire Reed
Kay Marie Reigler
Patricia Jean Ridering
**Carol Ann Rieger
Terry Maureen Ronney
Lynn Tinka Ross
Susan Dean Ross
Sue Ellen Runno
Melanie R. Satchell
**Marilyn Ann Scheffel
Sandra Marie Seeburger
Laura Anne Seiss
Diane M. Shaeffer
Norbert Paul Sebastian Shell
Daniel Perry Sinecke
Steven Ross Simmons
Gwendolyn Fay Simpson
**Cathy Ann Smith
**Linda Sue Smith
Josephine T. Snell
Ellen Margaret Speckman
Margaret Mary Stevens
Sandra Marie Stoico
Denise Carol Storey
Linda Louise Strom
Steven Lee Swagler
Christine Suzanne Thomas
Jill Suzanne Thompson
**Ardella Marie Thornton
Jeanne Kay Tody
**Janice Marie VanKrevelen
Elyn Sue Vannatter
Meganne Waldron
Merrie Jo Warren
Maria E. Warwro
Patricia Ann Wilson

COLLEGE OF EDUCATION

Elementary Education
Nancy Jeanise Albert
Susan Noreen Allison
Janice Miriam Altman
Barbara Nadine Altschuler
Carol Jean Avery
Linda Sue Bailey
Judy Ann Bartleson
Curtis Craig Benham
Kathleen Bernice Billings
Joanna Marie Black
Gail Jean Block
Jane Marie Borr
Cheryl Lynn Boughner
Susan Baye Boyd
Jack Alden Bradley
JoAnne Grant Broderick
Linda May Brown
Sharilyn Ethel Brown
Matilda Camhi
Diana Marie Catallo
Karen A. Checonsky
Karen Marie Clark
Barbara Ann Collar
Corrine Sue Cook
James Paul Ccororan
Catherine Cox
Norma Jean Craig
Ann Elizabeth Currier
Wanda Ellen David
Barbara Elaine Denton
Thomas Leonard DeRoseau
Nancy May De Rousha
Carol A. Dietrich
Carol Ann Doll
Mary Jo Duncan
Maureen Ann Durkin
Karen Elizabeth Elliott
Kathleen Ann Erdmann
Paula Jean Erickson
Clayton Earl Erratt
Linda Lou Etherington
Carri Ann Evans
Audrey Kay Fickle
Margaret Mary Fisher
Gloria Cheryl Fitzsimmons
Joan Kathryn Fritz
Julie Anne Fry

Health, Physical Education,
and Recreation
Thomas LeRoy Beard
David Richard Butts
Gail Eileen Callard
Terrance John Early
Theodore Clemon Harris
David Robert Leisman
Randy L. Mast
Susan Kathryn McMan
M. Cathleen Michelson
Pamela Nyann Middleton
John Arthur Mock
Dennis Lee Salsgiver
Sandra Kay Schlarb
Thomas William Tompkins
Nihil John VanderHoning

Calvin Gregory Vinson
Carolyn Louise Wilmarth

Industrial Arts
Burgess Phillips Baker
**Richard John Hunter
**Glenn William Wagner
DEGREE OF
MASTER
OF ARTS

Advertising
Norman Jeffrey Medoff

Audiology and
Speech Sciences
Alexandra Therese Finelli
Bonnie Sue Forman
Beverly Ann Goldstein

Communication
John Jarvis Blohm
Syed Baqir Hassan
Donald David Miller
Josep Rota

Journalism
Maryellen Morrice Bogin
Walker Roberts
Regina Ganelle Sherard
Robert Stephen Zawolsky

Television and Radio
Thomas Michael Groocco
David Walsh Littleton
J. Patrick O'Donnell
Gary Lee Steinke

Advertising
Gary Robert Brydges
Jeffrey Alan Carpenter
John Michael Castlel
Jeanne Dodd Donahue
K. Alan Foss
David Nelson Glenn
John Joachim Hallman
Colin Robert Hopkinson
William John Tavella
Daryl Merton Warner
Catherine Louise Warren
Timothy D. Whetstone

Communication
Judith Ellen Comer
Linda Carol Everett
Kenneth Leo Geller
Rhoda Ellen Halperin
Lynda Susan Ordon
Timothy Hanson Racine
Kirk Dennis Rand
Dennis Richard Stabenow
William Rexford Stribley
Ronald Nelson Watkins

Journalism
Clifton Robert Bradley
Brenda Jay Coghanese
Charles William Giesler
David Lee Kitchel
Mary Jane Lorimer
Beth Ann Masalkoski
Barry Arnold Miller
Linda Christine Randall
Kenneth Michael Winter

Television and Radio
Patrick Francis Bengtson
Robert Marshall Burke
Brian Edward Devlin
Larry Alan Estlack
Robert Lowell Featherly, Jr.
Terry Charles Ficorelli
Donald Jay Foltz
Daniel Charles Gaitens
Gretchen LaVonne Klein
James Edward Maxwell
George Nicholas Nitecki
Timothy Michael Nowicki
Robert Joseph Planck
William Henry Powers
Robert Alan Pritchard
Jeffrey L. Rivard

*David Michael Rocque
Douglas Brian Rook
Roseanne Sylvia Sieweke
Elliott John Smith

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Audiology and
Speech Sciences
Denise Doyle
Deborah Ruth Moore
Susan M. O'Brien
Janet Marie Peterson
Berylinn Ann Pride
Mary Elaine Spencer
Karen Ann Suty

Communication
Ruth M. Dahl
Carolyn Marie Fry
Roger Daniel Graziani
Christopher D. Hensick
Gloria Sue Nelli
Gloria Jean Price
Sharon Elizabeth Turner
Angelo John Zervos
## COLLEGE OF ARTS AND LETTERS

**Richard E. Sullivan, Dean**

### DEGREE OF MASTER OF ARTS

| Art Education | Carolyn Cohen Shepard
| Karyn Sue Cribley | Arlette Miller Smith
| Jane Merriam de Vyver Horka | Robert W. Swanson, Jr.

### DEGREE OF MASTER OF FINE ARTS

| Art Practice | Evelyn A. Belschner Bruzy
| Stuart Lee Coonin | Candis J. Simone
| Frances N. Ewert | History
| Amelia Anne Falke | Jeanne Ann Cooper
| Lucinda Littlejohn | William Garth Fuller
| Melvin Troy Peters | Stephen Hamilton Hyndman

### DEGREE OF MASTER OF MUSIC

| Art Practice | Wilmer Phillip Arnold
| Frank Edward Scott | Jagdish Jivraj Chavda

### DEGREE OF BACHELOR OF ARTS

| Art History | Joy Elizabeth Martin
| *Carol Ann McBride | Classical Studies
| Peggy J. McLaren | H**Catherine Clara Dormal
| Art Practice | English
| Barbara Ann Bailey
| H**Judith Ellen Burger

**H Honors College**

**With Honor**

**With High Honor**
COLLEGE OF ARTS AND LETTERS

English (Continued)

**Yvonne O. McLravy
Alaine Marie Pennock
Nancy Kay Schneider
Thomas Perry Schoftens
Cynthia Jean Shaver
Paul Anthony Villare
Mary Ellen Way

French
Dianne Browning Allen

German
**Nancy Margaret Snyder

History
**John Morris Benson
Elam Leonidas Brown, Jr.
Alvin Carver Davis
**Susan Ruth Dickey
Thomas Martin Candrud
Walter Rudecki, Jr.
**Linda Elizabeth Stein
**Judith Ann Voss

Humanities
**Lucy M. Ballejo
David Ross Brownell
**Nancy Jackson Landsis
Sondra Lee Mills
Jean Lu Newman
Jennifer Yueh-Hwa Peng
**Barbara Jane Stone

Philosophy
*Roger Loren Cady
**John Patrick Clobridge

Religion
Richard Charles Andrus

Russian
**Gail L. Brautigam

Spanish
Karen Sue Johnson

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Art Practice
Mary Denise Arnett
Janet Kay Goebel
Laurel Anne Grob
Sally Ruth Nodding
Ann Mary Partridge
Donna Louise Scifres
*David Byrnes Stoll

English
*Pamela Jane Benison
*Christine Ann Burdick
**Delores Louise Cassidy
Kevin G. Cooper
**Nancy Marie Doe
Joan Kathleen Hardy
Pamela Madge Hicks
**Margaret Kathleen Higgins
**Joan Elizabeth Hunault
**Elizabeth Suzanne Keut
**Joanne Margaret Mueller
**Jean Marie Murphy
**Michael Murray
Marguerite Darlene Rice

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Art Practice
Vicki Lynn Nunn
David Joseph Seaman

Music Theory — Composition
**William John Schneider

Music Therapy
**Barbara Reed Cobb
*Reesa Rachel Gringorten
*Marie Angeline Lemaster

**Marian Elizabeth Lowenkrön
Nina Ellen Shifrin

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

School Music
*Martha Sue Atchison

**Karen Jane Bartholomew
Sheila M. Bigelow
*Pamela Marie Breites
**Carol Lynn McAnulty
Margaret Elizabeth Power
**Kathleen Sue Ransom
**Gary Dwaine Richmond
*Barbara Lynn Strutt
Rita Yeranoski Vanerian

H Honors College
* With Honor
** With High Honor
# COLLEGE OF NATURAL SCIENCE

**Richard U. Byerrum, Dean**

## DEGREE OF MASTER OF ARTS

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## DEGREE OF MASTER OF SCIENCE FOR TEACHERS

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<td>James Lee Lampem</td>
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<td>Rekha Upendralal Dalal</td>
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<td>Venus Peachavanish</td>
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<td>Paul Bernard Hamel</td>
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<td>Mary Evans Lehnert</td>
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<td>Karel Louise Rogers</td>
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39
COLLEGE OF NATURAL SCIENCE

DEGREE OF
BACHELOR
OF ARTS

Chemistry
*Cynthia Anne Berry
*Robert Wayne Brueggemeier

Mathematics
H**Carey Paul Simmons

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Mathematics
*Michael James Connelly
**Janet Elizabeth Dery
H**Deborah Lynn DiFabio
Barbara Ann Olivier
Charlotte Elizabeth Osborn
*Sherrill Jane Reblitz
*Deborah Jean Worzniak

DEGREE OF
BACHELOR
OF SCIENCE

Biochemistry
*George Edward Bonefeld
H*George Monroe Jackson
*Charles Howard Keller
**Thomas Marty McIntyre
Yiu Ting Ng
H**Richard John Robb
*John Ernest Stork

Microbiology
**Raymond Michael Wawro
Thomas Richard Williams

Nursing
*Kathleen Mary Amble
Carol Lynn Gardner
**Penelope Joan Hoffman
Lynn Harriet Kushner
Camille A. Makuch
**Juanita Joan McGuire
Lois F. Tuinenaga

Physical Sciences
Leon Harold Martin

Botany
*Karen Lee Klomparens

Chemistry
*Douglas Neil Deline
Richard William Kotsch

**Sharon Ann Esau

Entomology
Paul Harold Lockwood

**Norman Baumann Jolin
Dennis Duane Kimmel

Geology
Thomas Alan Godbold

H**Malonnie L. Kinnison

Mathematics
David John Eschenburg
Pamela Janice Fajas
Ruth Ann Rudnik

**Thomas Clayton Knauss
H**Scott McKenzie
David Randall Meek

Stephen Thomas Onell
Noreen Dorothy Overeem
Paul J. Savarese
Mark Alan Smith
Maxwell Clinton Tasker

Biological Sciences
William Edwin Camp
Linda Sue Harris
David Ernest Hieshetter
Ronald John Rottshafer

H**Mary Beth Slabough

General Science
Michael Paul Gloden

Geology
H**Laura Irene Hass

Mathematics
*Pamela Virginia Adams
*Bette Jo Dubin
Edward Earl Fisher

H**Ellen Beth McMacken
Larry Elton Moore
Ruth Dorothy Robb
Kenneth Albert Schneider, Jr.
Robert Matthew Thomas

*Marcia Ann VanLokeren

Physical Sciences
Michael James Sarette

H Honors College
* With Honor
** With High Honor
COLLEGE OF SOCIAL SCIENCE

CLARENCE L. WINDER, DEAN

Anthropology
Russell Earl Lewis
William Anthony Lovis, Jr.
Steven Wayne Perrin
Sonia Ruiz-Perez

Psychology
John G. Bridge
Jerry Carl Eyer
George Robert Fleming, Jr.
Allen Goodman
Eben Maceo Ingram
Joshua Jay Jaffe
Marsha Helen Katz
Rita Wendelin Larson
Suzanne Power Marshall
Raymond Joseph Montemayor
Alida Diane Quick
Carol Hope Saturansky
Marguerite Barratt Stevenson
Robin Richard Vallacher

Social Science
Sandra Arlyn Washington

Sociology
William Patrick Boss
Katherine Durham
Richard Lawrence Johnson
Michael M. Loukinen
Utako Ozaki
Marianne Alice Paget
Patricia Louise Phillips
Christopher Prime Pilotti
Phillip Anthony Salopek
Dorothy Lee Smith
Diane Elizabeth Szymkowski
William Earl Vredevoogd
Kenneth Michael Wojcik
Antoinette Cleomie Woods

DEGREE OF MASTER OF LABOR AND INDUSTRIAL RELATIONS

Thelma Argetta Crivens
Robert Lee Emily Grant
Thomas Earl Johnston
Dolores Lyons
Barbara Ruth McIntosh
Martha Coon Mertz
Dan Waldman
Ernest Cecil Wimberley

DEGREE OF MASTER OF SCIENCE

Criminal Justice
Rowland Eugene Burnham
Shing-Pow Chien
Michael Ewens Gersten
James Alexander Hood
Frank S. Horvath
Shirley Ann Ollis
Steven William Siegrist
John Arthur Snyder
David Eldon Stormer

DEGREE OF MASTER OF SOCIAL WORK

Edward Aloysius Clarke
Marilyn Jean Ives
Anthropology
*Kimberly Jo Bell
*Janice L. Goldman
**Jane Elizabeth McFate

Political Science
*Patricia Lynette Bayliss
**Randolph Louis Bodwin
Louis Sandor Hruovsky
David Halsted Jenkins
James Bert Katona
Carol Diane Lowe
Dean Bruce McCormick
Donna Starr O’Donohue
Booker Leon O’Neal
JoeRoy Pendergrass
Harold Alfred Renn, Jr.

H**Michael Lawrence Stein
Grover Cleveland Strong, III
Mark James Verleger
Rodney Watts

Psychology
James Conwell Brewer, II
**Janet Louise Burtness
Thomas Lee Cox
*Jeffrey Holden Crowe
Nancy Gene Delusignan

H**Gregory Mark Dziadosz
Audrey Iola English

H**Jo Stott Farnham

**William Henry Gibbs, III

H**Joyce Ellyn Hensley
Mark William Huntington
*Travis V. Jones
*Bonnie Gay McFarland
**Ellen Ruth McLeod
James William Newman
Rodney John Puska
Herschel James Reper

H**Nancy A. Rosenau
Lesley Ann Salminen
*Elda Dee Schandelmeier

H**Katherine Scheirman

Social Science
Douglas Edward Aquadro
*Denis Raymond Arken
Harold Joseph Balkin

*Rex Arlyn Barker
*Joanne Louise Benn
Harold Floyd Caminker
William Edward Ch-Heston
Alan Bruce Chenoweth
Edward Thomas Clark
John M. Cohn
Susan Carol Donaldson
Thomas Michael Dravecky
*Mark Stephen Faden
Roseann Fenley

H**Stephen Walter Fitch
Roderick Duane Gillum
Robert Dale Gleason
Robert Gerard Harris
Janice Rose Hosack
Ranney Lynn Johnson
Carla Joanne Jolly
Pamela Sue Kenmmerer
James Jesse Kopasz
Lawrence David Korn
John Thomas LaRose
Mark Anderson Lippa
Ellen Jane Louis
Brice Thomas Lyons
*Marianne McGivern
Joanne Marie Nicholson
Robert Allan Prokop
Paul Frederick Quick
Janice Kerr Rundles
Donald Francis Savolainen
Wayne Lloyd Schuette

*James Henry Shell
*David Barry Stein

*Frederick Floyd Swegles
Wallace Paul Tarver, Jr.
Marc Edward Thomas
Paul Richard Thomas
John Houston Trudell
Frederick Alan Utting
Edward John Waltz

H**Stephen Chauncey
Waterbury
*Jeffrey Bruce West

Social Work
William Alan Beiswenger
*Roseanna Buchholz
*Carol Gene Gribler
Pamela K. Houser
Nancy Terry Johns

Anthropology
H**Annette Marie Adler
Jean Carol Farr

**Laura Arlene Henley
Harriet Benner McNamara
Robert Jay Riley

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Michael David Addison
James Dean Ash
James Franklin Bourke

H Sue K. Brown
Deborah Lynn Burt

H**Charles K. Chapman
John Clark Charney
**Phillip David Charney
James Franklin Clark
*Mary Jane Derby
*Peter Collins Deshler
Michael Philip Dunne
*Christine Ann Eno
Donald John Falconer
Gregory Alan Fierstine

**Judy Joseph
Claudia Jane Kersten
Gale Lynn LaBell
Anne Hyde Lambrecht
Gerald Robert Meszaros
Nancy Suzette Muns
Kathryn Lynn Pinkus
Nina Victoria Pniowski
Eva Mehmetal Prame
Clifford Edwin Smith
Joan K. Spalding
Janet Rae Strauss
Sally Minton Thomas
*Elizabeth Jane Tomac
Gwenyth Jean Toombs

Sociology
**Phil Bozzo
*Cynthia Carol Dovel
Larry Francis Gleason
Demetria Marie Rencher
Susan Susko

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Social Science
*Jill Reeves Bodwin
*Beatrice Ann Cook
M. Thomas Dietzel
Barbara Jo Dunn
Kenneth Giles Forbes
Cheryl Lyn Geik
Stephen Charles Hamilton
Jacquelyn Ann Hill
Linda Margaret Holwig
Joanna Catherine Johnson
*Marilyn Sue Jones
Stephen Ryan Lankton
Lewis C. Lockwood
Kathleen Ann MacDonald
*Marjorie Jean McLellan
David William Michelson
*Kay Ellen Monteil
Gary Alan Sarut
Linda Carol Sherburn
*Arthur Martin Silverblatt

H**Peggy Lynn Springgay
Mary Jan Therese Uhlmann

DEGREE OF
BACHELOR
OF ARTS

DEGREE OF
BACHELOR
OF SCIENCE
DEGREE OF BACHELOR OF SCIENCE

Criminal Justice (Continued)
Christine Mary Nicewicz
Edward Charles Patillo
Marva Denethia Pritchett
Rosemary Ann Russo
Joseph Anthony Satterelli
*Cathy Jean Sorensen
H** Paul Bowman Stam, Jr.
Hervey Alene Taylor, Jr.
**James Richard Taylor
Clarence Ray Terrill
Robert Elden Vader
Linda Josephine Zezulka

Geography
*John Gerard Lillis
Michael Roy Reed

Landscape Architecture
Barbara Lee Fata
*L. Rick Larson
Lynn Melvin Mueller
*Stephen Harlie Pierpoint

Psychology
H** Jay Stanley Adams
Linda Darnell Appling
Frank J. Benison
Charles Frank Branz
Frank Alton Butler, Jr.
*Laura Cholewa
H** Barry James Coe
*James Wilson Davidson
H** Marilyn Ann Ford
Daniel Marvin Frampton
Richard William Grier
Dorothy Anne Johnstone
Kurtis Allen Kemper
Arthur Huntleigh Kindlund
Gregory John Lambertson
Susan Lee Lynam
Claudia Velma Martin
Walter James
Middlebrooks, Jr.
Ronald Alan Parks
Devon Charles Preidis
Larry Wayne Rinehart
Francis Anthony Siskowski
H** Michael Louis Smith
*Marjorie Teal Stephenson
*Ivan Alexander Stuck
*Gregory Alan Wagner
H* Linda Pauline Wakeman
**Cynthia Lee Williams
*James Gordon Williams

Social Science
Howard Vernon Alley
L. Brent Armstrong
Stephen Allen Baltic
Al Herman Bemis
William Charles Berlin
*David Lee Beroza
Steven Carlton Brooks
Andrew Alan Chesley
David William Dale
Curt Francis Dombey
Timothy Joseph Durkin
Steven R. Flanders
Edward Michael Fouch
Paul Robert Fransway
H** Jean Ellen Gilpin
David Charles Gray
James Leon Harvin, III
Kathleen Ann Healy
Terry Bryant Hood
Carleen Frances Kinde
Thomas Brent King
Randall Lawrence Knight
Richard Dale Kramer
Clarence Arthur Mauch, III
George John McDermott
Michael Prentiss McKee
Lawrence James McKiernan
Carl Clarence Nieman
H** Philip Allan Peters
Rebecca Price
J. Bruce Quick
Leland Willard Rosemont, Jr.
James Martin Schuster
*Paul Merton Showalter
David Earl Skinner
**Lorraine B. Sohn
Charles Andrew Stanfield
Jeffrey D. Stecker
Jeffrey Hugh Stewart
Frank Thomas Szeklak, Jr.
Frank James Triant
J. Charles Turnquist
Robert Sachio Uyesato
Robert James Van Oosterhout
Joel Lee Waldcott
Arnold Joseph Westine
Robert John Wilkis

Sociology
Daniel Lynn Delaney
Donald Clarence Frank
*Charles Leonard Metty
Eric George Nutter
*Philip James Phillips
Daniel E. Roberts

Urban Planning
Robert Addison Owen, Jr.
David Robert Tyler

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Geography
**Stanley Kerwin Arnett, II

Social Science
Denise Marie Ball
David William Dulworth
*Marvin Otis Dunn
William Louis Meister
Robert Ted Orlikowski
Pola Ester Sorkin
Kenneth Raymond Toner
David Lee Van Hammen
JUSTIN MORRILL
COLLEGE

D. GORDON ROHMAN, DEAN

DEGREE OF
BACHELOR
OF ARTS

David Michael Brantley
H**Betsy Joyce Bree
Claudia Charlotte Crawford

Cherie Ann Findorff
H**Nancy Louisa Ickler
*Lorna Gay LaVerne

*Elaine Ruth McIntosh
H**Jeffrey Marc Peck
Susana Sorí Pérez
# COLLEGE OF HUMAN MEDICINE

**Andrew D. Hunt, Jr., Dean**

<table>
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<th>Clinical Laboratory Science</th>
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DEGREE OF
BACHELOR
OF ARTS

*Barbara Ann Ballantine
Teresa Grace Beukema
William Archibald Black
*Arnet Judson Cole, III
*Lawrence Jay Epstein
Mary L. Gendernalik
Scott William Hurley
H*Hilberta Ann Upston
H**Glenn Robert Kagan

Alan Sheldon Katz
John Roy Liskey
H*H*Stephen O. Murray
Jill Wendy Oppenheim
Herman Joseph Thomas, Jr.
*Barbara Ann Upston
Carol Lynn Wallace

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Donald William Bale
LYMAN BRIGGS
COLLEGE

Frederic B. Dutton, Dean

DEGREE OF
BACHELOR
OF SCIENCE

H**Edward Floyd Bigsby
*Charles Butterfield
Robert Gene Canada

William Kenneth Scheer
Donald Wilfred Smith
*Edward Sidney Stoll

Mark Lindley Stout
Ronald Storm Tucker

H Honors College
* With Honor
** With High Honor
The following students have completed their ROTC Education at Michigan State University and have received their commissions as reserve officers of the United States Air Force or the United States Army in the branches indicated.

**AEROSPACE STUDIES**

- Benjamin John Franklin
- Dean Bruce McCormick

**MILITARY SCIENCE**

- **Military Police Corps**
  - Michael Philip Dunne
  - Clarence Ray Terrill