



COMMENCEMENT 1973
MICHIGAN STATE UNIVERSITY

THE COMMENCEMENT COMMITTEE

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DIPLOMAS WILL BE AVAILABLE FOR PICKUP AS FOLLOWS:

Advanced Graduate degreesbeginning Apr. 2—Room 150 Hannah Administration Building
Master degreesbeginning Apr. 9—Room 150 Hannah Administration Building
Bachelor degreesbeginning Apr. 16—Room 50 Hannah Administration Building

Diplomas will be released only to the degree recipients upon presentation of identification.
Diplomas not picked up by May 7 will be mailed.



COMMENCEMENT 1973

Sunday, March 11

University Auditorium, East Lansing

Conferral of Graduate Degrees, 10 A.M.

Conferral of Baccalaureate Degrees, 3 P.M.

BOARD OF TRUSTEES

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 FRANK MERRIMAN, <i>Chairman</i>	<i>Deckerville</i>
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THE HONORABLE WARREN M. HUFF	<i>Plymouth</i>
THE HONORABLE BLANCHE MARTIN	<i>East Lansing</i>
THE HONORABLE AUBREY RADCLIFFE	<i>East Lansing</i>
THE HONORABLE JACK STACK	<i>Alma</i>
THE HONORABLE DON STEVENS	<i>Okemos</i>
THE HONORABLE KENNETH W. THOMPSON	<i>East Lansing</i>

CLIFTON R. WHARTON, JR., <i>Ex Officio, President</i>	<i>East Lansing</i>
JACK BRESLIN, <i>Secretary</i>	<i>East Lansing</i>
ROGER WILKINSON, <i>Treasurer</i>	<i>Okemos</i>

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 so that the audience may 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	<i>Maize</i>	COLLEGE OF HUMAN ECOLOGY	<i>Maroon</i>
Forest Products, Forestry, Packaging	<i>Russet</i>	COLLEGE OF HUMAN MEDICINE	<i>Green</i>
COLLEGE OF ARTS AND LETTERS	<i>White</i>	JAMES MADISON COLLEGE	<i>Citron</i>
Music	<i>Pink</i>	JUSTIN MORRILL COLLEGE	<i>White</i>
Philosophy	<i>Navy Blue</i>	LYMAN BRIGGS COLLEGE	<i>Golden Yellow</i>
COLLEGE OF BUSINESS	<i>Drab</i>	COLLEGE OF NATURAL SCIENCE	<i>Golden Yellow</i>
Economics	<i>Copper</i>	Nursing	<i>Apricot</i>
COLLEGE OF COMMUNICATION ARTS ..	<i>Royal Blue</i>	COLLEGE OF OSTEOPATHIC MEDICINE	<i>Green</i>
Journalism	<i>Crimson</i>	COLLEGE OF SOCIAL SCIENCE	<i>Citron</i>
Speech	<i>Silver Gray</i>	COLLEGE OF VETERINARY MEDICINE	<i>Dark Gray</i>
COLLEGE OF EDUCATION..	<i>Light Blue</i>		
COLLEGE OF ENGINEERING	<i>Orange</i>		

MICHIGAN STATE UNIVERSITY

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

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

Now in its 119th 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, 431 buildings, and more than 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. Some 165 programs of instruction are available to undergraduates; 76 departments offer graduate studies.

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 85 percent are from Michigan, representing every section of the state. Students also come from every state in the nation and 80 foreign countries.

MICHIGAN STATE UNIVERSITY (continued)

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 cyclotron of the sector-focused type capable of accelerating protons to 50 MeV (60,000 miles per second), and the MSU Observatory which houses a 24-inch reflecting telescope, a computer and related equipment. 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.

ORDER OF PROCESSION

Graduate Degrees

PROCESSIONAL

MARCH FROM SYMPHONY #6*Tschaikovsky*
The University Symphony Orchestra
MICHAEL GRIFFITH AND DAVID SCHRIPSEMA, *Conducting*

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

PRAYER

THE MOST REVEREND JAMES S. SULLIVAN, D.D.
Auxiliary Bishop of Lansing

COMMENTS

DR. JAMES BUTCHER
Acting Dean, College of Natural Science

SPECIAL MUSIC

CONCERTO FOR VIOLIN*Bartholdy*
(I: Allegro Molto Appassionata)

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

BISHOP SULLIVAN

RECESSIONAL

MARCH HONGROISE*Berlioz*
(From THE DAMNATION OF FAUST)

The audience is requested to remain seated while those in the procession are entering and leaving the auditorium.

ORDER OF PROCESSION

Baccalaureate Degrees

PROCESSIONAL

MARCH FROM SYMPHONY #6 *Tschaikovsky*
The University Symphony Orchestra
MICHAEL GRIFFITH AND DAVID SCHRIPEMA, *Conducting*

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

PRAYER

THE MOST REVEREND JAMES S. SULLIVAN, D.D.
Auxiliary Bishop of Lansing

ADDRESS

MISS NANCY HANKS
Chairman, National Endowment for the Arts

SPECIAL MUSIC

CONCERTO FOR VIOLIN *Bartholdy*
(I: Allegro Molto Appassionata)

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

BISHOP SULLIVAN

RECESSIONAL

MARCH HONGROISE *Berlioz*
(From THE DAMNATION OF FAUST)

The audience is requested to remain seated while those in the procession are entering and leaving the auditorium.

HONORARY DEGREES

PETER B. CLARK

Your career as a journalist and civic leader has been an exemplary one. Since you left Yale University as a teacher of political science and turned your full attention to journalism as publisher of *The Detroit News*, you have earned a widespread reputation for integrity, moral sensitivity and social responsibility. Under your leadership *The News* has achieved the largest circulation among America's evening newspapers and has become an influential voice not only in Michigan but across the land. Your deep concern with social problems, especially the needs and aspirations of minority groups in an urban environment, has been reflected in the extensive research and investigative reporting of *The Detroit News*. In a variety of social areas you have successfully met the leadership challenges of a great newspaper in a large city, and you have combined these efforts with personal involvement in civic organizations and enterprises for promotion of the common welfare. In recognition of your valuable contribution to the advancement of your profession and the social and cultural life of both your state and your country, Michigan State University is pleased to grant you the degree of Doctor of Humanities.

NANCY HANKS

You have a deep and far-reaching influence on the development of the arts in America. As chairman of the National Endowment for the Arts, you have shown a keen sensitivity to the cultural needs of people. Before you assumed the responsibilities of this important position, you distinguished yourself as an executive with the Rockefeller Brothers Fund and made extensive studies of the problems of the performing arts. Through your initiative, vision and intelligence you have brought new life and meaning to national arts programs — to theater companies, symphony orchestras, art museums and other cultural institutions, as well as to individual performing and creative artists. By promoting cultural activity through touring musical and theatrical groups in small communities and deprived urban areas, and by supporting teaching efforts in the arts, you have demonstrated your concern for cultural democracy. Throughout your career, your contributions to a humane culture have borne testimony that devotion, integrity, and grace are as eloquent in life as in the arts. Michigan State University is pleased to grant you the degree of Doctor of Letters.

HONORARY DEGREES

WILLIAM RICHARD MANN

You are widely recognized as a foremost expert in the field of dentistry who has made important original contributions to this profession through teaching, scholarship and administration. As a teacher and research scientist you have made enthusiasm, intelligence and steadfast purpose the hallmark of your career. As a professor and academic dean, you have had a uniquely important role in the development of the University of Michigan's distinguished School of Dentistry. You have given additional meritorious service to medical science as director of the W. K. Kellogg Foundation Institute, and as a frequent consultant to agencies such as the Office of the Surgeon General and the World Health Organization. In all of these endeavors your exceptional leadership has been joined with a genuine concern for the wellbeing of your fellow man. Because of the valuable contributions which you have made to scientific knowledge, and your continuing dedication to the health and welfare of the human family, Michigan State University is pleased to grant you the degree of Doctor of Science.

WILLIAM H. SEWELL

In the years since your graduation from this institution, you have acquired an international reputation as a scholar, teacher and administrator. Your research and publications have brought much new knowledge to the social sciences; your deep insight into the problems of rural sociology has had especially important results both in this country and abroad. The application of your extensive learning has been enhanced by frequent professional and public service, not only as an officer in our major sociological societies and as a Fellow in the American Association for the Advancement of Science, but also as a consultant with the National Institutes of Health and other governmental agencies. Your many students at the Universities of Minnesota, Oklahoma State and Wisconsin know you as an excellent teacher with unusual ability to stimulate interest in learning. Your administrative endeavors, ranging from departmental chairmanships to Chancellor of the University of Wisconsin, have been most effective and have demonstrated the extraordinary breadth of your talents. Because of the credit which you have brought to yourself and your alma mater, and because your dedicated labors have notably advanced the development and application of sociological study in America, Michigan State University is pleased to grant you, a distinguished alumnus, the degree of Doctor of Science.

THE CANDIDATES FOR DEGREES

1973 CLASS ROSTER

This includes the names of candidates for degrees for March, 1973.

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

SCHOOL FOR ADVANCED GRADUATE STUDIES

MILTON E. MUELDER, DEAN

CANDIDATES FOR THE DOCTORAL DEGREE

- THERESA McLAUGHLIN AL-AZZAWI, Ph.D. B.A., M.A., Michigan State University.
Linguistics. Major Professor: David G. Lockwood, Associate Professor.
Thesis: Broken Plurals in Modern Iraqi Arabic.
- RUDI ALEC, Ph.D. B.S., M.S., State University of New York.
Education. Major Professor: Perry E. Lanier, Associate Professor.
Thesis: Areas of Agreement and Disagreement in the Relative Degree of Participation of the School and the University in the Planning and in the Implementation of Curricular Components of a Teacher Education Program.
- TERRY WALTER ALLEN, Ph.D. B.S., M.A., Michigan State University.
Psychology. Major Professor: Hiram E. Fitzgerald, Associate Professor.
Thesis: Cardiac and Somatic Concomitants of Response Activation and Response Inhibition.
- SABAH BAKIR ALTAIEY, Ph.D. B.A., M.A., University of Baghdad.
Education. Major Professor: William E. Sweetland, Professor.
Thesis: Students' Satisfaction and Dissatisfaction with the Major Field Environment in Colleges of Natural Science and Social Science at Michigan State University.
- HAYES LEONARD ANDERSON, Ph.D. B.A., Oregon State University; M.A., Michigan State University.
Communication. Major Professor: Verling C. Troidahl, Professor.
Thesis: The Effect of Filming a Television News Source by Vertical Camera Angle, Horizontal Camera Angle, and Source Eye-Contact on Source Credibility and Audience Attitudes Toward the Televised Message.
- DENNIS ARNOLD BAEYENS, Ph.D. B.S., Wayne State University; M.S., Michigan State University.
Physiology. Major Professor: Jack R. Hoffert, Associate Professor.
Thesis: Comparative Aspects of Oxygen Toxicity.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

MARY JANE HIGDON BEECH, Ph.D.

B.S., University of Colorado; M.A., Michigan State University.
Sociology. Major Professor: John Useem, Professor.
Thesis: Allocation of Occupational Status and Legitimate Sexual Maturity in Three Neighborhoods in the Calcutta Metropolitan District.

ROSS EDGAR BIGELOW, Ph.D.

B.S., Central Michigan University; M.A., Colorado State College.
Geography. Major Professor: John M. Hunter, Professor.
Thesis: Impact of Selected Agricultural Schemes on the Innovation Patterns Among Traditional Farmers in the Southern Savanna of Ghana.

PETER LEE BORCHELT, Ph.D.

B.S., Xavier University; M.A., Michigan State University.
Psychology. Major Professors: Stanley C. Ratner, Professor; Ralph L. Levine, Associate Professor.
Thesis: Dustbathing in Bobwhite Quail (*Colinus virginianus*): a Regulatory Model.

MARTIN GEORGE BRODWIN, Ph.D.

A.B., University of California at Los Angeles; M.S., California State College at Los Angeles.
Education. Major Professor: John E. Jordan, Professor.
Thesis: A Facet Theory Analysis of "What's in a Name": Black Versus Negro.

MERLINE TOUCHET BROUSSARD, Ph.D.

B.S., M.Ed., University of Southwestern Louisiana.
Education. Major Professor: Robert P. Poland, Professor.
Thesis: Student Achievement Under Two Plans of Secondary Office Education — Cooperative Plan Versus In-School Plan.

MARGARET KIMBALL BROWN, Ph.D.

B.A., University of Minnesota; M.A., Michigan State University.
Anthropology. Major Professor: Charles E. Cleland, Associate Professor.
Thesis: Cultural Transformation Among the Illinois: The Application of a Systems Model to Archaeological and Ethnohistorical Data.

STEPHEN WHEELER BURKS, Ph.D.

B.A., Stanford University; M.A., Michigan State University.
Political Science. Major Professor: Frank Pinner, Professor.
Thesis: The Influence of Reapportionment on the Distribution of State Aid to Education.

GERRY SOUDEN BURTNETT, Ph.D.

B.A., Claremont Mens College; M.A., California State University.
Psychology. Major Professor: Carl F. Frost, Professor.
Thesis: A Study of Causal Relationships Between Organizational Variables and Personnel Influence Variables During the Implementation of a Scanlon Plan.

JOHN WILLIE BYNUM, Ph.D.

B.S., Bethune-Cookman College.
Biochemistry. Major Professor: Robert A. Ronzio, Assistant Professor.
Thesis: RNA and Protein Synthesis During Cytodifferentiation in Fetal Rat Pancreas.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- BRUCE ARTHUR CAMPBELL, Ph.D. B.A., DePauw University; M.A., Michigan State University. History. Major Professor: Marvin Cain, Associate Professor. Thesis: Law and Experience in the Early Republic: The Evolution of the Dartmouth College Doctrine, 1780-1819.
- RICHARD STOCKS CARLSON, Ph.D. B.S., M.S., University of Boston. Arts and Letters Interdisciplinary. Major Professor: Russell B. Nye, Professor. Thesis: An Analysis of P. G. Wodehouse's Team of Bertie Wooster and Jeeves.
- CHERUKAT CHANDRASEKHARAN, Ph.D. B.A., Government Victoria College; M.S., M.A., Michigan State University. Forestry. Major Professor: Robert J. Marty, Professor. Thesis: The Wood-Using Industries of Kerala and Their Implications for Forest Land Use and Development.
- CHUNG-TUNG CHANG, Ph.D. B.A., M.A., National Taiwan University. History. Major Professor: Warren I. Cohen, Professor. Thesis: China's Response to the Open Door, 1898-1906.
- KWONG-YUAN CHONG, Ph.D. B.S., M.S., University of Illinois. Agricultural Economics. Major Professor: Carl Eicher, Professor. Thesis: A Simulation Policy Analysis of the Western Nigerian Cocoa Industry.
- PHAM KIM CHUNG, Ph.D. Licence, Saigon Faculty of Sciences. Geology. Major Professor: Chilton E. Prouty, Professor. Thesis: Mississippian Coldwater Formation of the Michigan Basin.
- JOHN CARPENTER CLAGETT, Ph.D. B.A., Western Michigan University; M.Ed., DePaul University. Education. Major Professor: Troy L. Stearns, Professor. Thesis: The Post-Admission Support Policies of Public Colleges and Universities of Michigan in Relation to Indian Students' Needs.
- WELLS FRANKLIN COOK, Ph.D. B.S., Central Michigan University; M.A., University of Michigan. Education. Major Professor: Robert P. Poland, Professor. Thesis: A Comparison of Two Methods of Presenting the Keyboard: The Electronic Keychart Versus the Traditional Method of Keyboard Presentation.
- MELANIE MARIE-LOUISE CORDRAY, Ph.D. B.A., Macalester College; M.A., Michigan State University. German, Language and Literature. Major Professor: William N. Hughes, Professor. Thesis: Das Problem Der Sprache Bei Hugo Von Hofmannsthal.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- WILLIAM RICHARD CRON, Ph.D. B.S., M.A., University of Detroit.
Economics. Major Professor: Jan Kmenta, Professor.
Thesis: The Demand for Major Household Appliances: An Econometric Analysis.
- JANE RATH DICKIE, Ph.D. B.A., Alma College; M.A., Michigan State University.
Psychology. Major Professor: Ellen Strommen, Associate Professor.
Thesis: Private Speech: The Effect of Presence of Others, Task, and Intrapersonal Variables.
- MARY JANE PATRICIA DOCKERAY, Ph.D. B.A., Michigan State University.
Fisheries and Wildlife. Major Professor: Gilbert Mouser, Associate Professor.
Thesis: The Planning and Development of Blandford Nature Center of the Grand Rapids, Michigan, Public Museum.
- PATRICK MICHAEL DUNNE, Ph.D. B.S., Xavier University; M.B.A., Michigan State University.
Business Administration (Marketing). Major Professor: Donald A. Taylor, Professor.
Thesis: Using Adoption Process Variables as a Predictor of Product Continuance or Discontinuance.
- ALEXANDER W. AYODEJI EDWARDS, Ph.D. B.S., M.S., Howard University.
Botany and Plant Pathology. Major Professor: Stephen N. Stephenson, Associate Professor.
Thesis: Germination and Growth Studies In *Eupatorium odoratum* from the New and Old World Tropics.
- RIBHI ABDELQADER ELZARO, Ph.D. B.Sc., Ain Shams University.
Chemistry. Major Professor: Richard Schwendeman, Professor.
Thesis: Studies of the Microwave Spectra of Methyl difluorophosphine Borane, N-Methylformamide, and N,N-Dimethylformamide.
- DENNIS BYRON FENN, Ph.D. B.S., University of Arizona; M.S., Michigan State University.
Soil Science. Major Professor: M. M. Mortland, Professor.
Thesis: A Spectroscopic Study of the Adsorption of Phenol and Selected Aromatic Ethers on Hectorite.
- ROBERT DEAN FISCHER, Ph.D. B.S., Portland State College; M.A., University of Michigan.
Sociology. Major Professor: William Ewens, Assistant Professor.
Thesis: Unusual Behavior and the Attribution of Responsibility.
- WILLIAM J. GAMBLE, JR., Ph.D. B.S., Tuskegee Institute; M.A., Michigan State University.
Education. Major Professor: M. R. Raines, Professor.
Thesis: A Comparative Analysis of Changes in Attitude and Academic Achievement Among "Educationally Disadvantaged" Students who are Exposed to Systemic Counseling Versus Traditional Counseling Techniques.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- ANA FELISA GARAY IRALA, Ph.D. B.S., University of La Plata; M.S., Graduate School of IICA-OEA. Soil Science. Major Professor: Raymond J. Kunze, Professor. Thesis: Water Management in Potato Production.
- RAYMOND EUGENE GATZA, Ph.D. B.A., St. Joseph College. Education. Major Professor: James H. Nelson, Professor. Thesis: A Study of the Structures, Processes and Criteria for Curricular Decision-Making in Select Michigan Community Colleges.
- STUART JAMES GAUMER, Ph.D. B.S., Michigan State University. Chemical Physics. Major Professor: Jack B. Kinsinger, Professor. Thesis: A Rayleigh-Brillouin Spectrophotometer.
- INDUR MURLIDHAR GOKLANY, Ph.D. B.S., Indian Institute of Technology; M.S., Michigan State University. Electrical Engineering. Major Professor: Gabor Kemeny, Associate Professor. Thesis: The Compensation Laws.
- THOMAS FRANK GORDON, Ph.D. B.S., Montana State University; M.A., Michigan State University. Communication. Major Professor: Bradley S. Greenberg, Professor. Thesis: The Effect of Viewing Physical Consequences of Violence on Perceptions and Aggressiveness.
- KENNETH RALPH GOTTLIEB, Ph.D. B.A., University of Chicago; B.A., Case Western Reserve; M.A., Middlebury College. Education. Major Professor: John E. Jordan, Professor. Thesis: A Guttman Facet Analysis of Attitudes Toward the Mentally Retarded in Colombia: Content, Structure, and Determinants.
- WALDEMAR MELVIN GOULET, Ph.D. B.A., Wayne State University; M.B.A., University of Detroit. Business Administration (Finance). Major Professor: Alan E. Grunewald, Professor. Thesis: An Analysis of the Variables Affecting a Company's Decision in the Choice of Markets for Its Common Stock.
- CYRIL EDGAR GRIFFITH, Ph.D. B.A., Wilberforce University; M.A., Bowling Green State University. History. Major Professor: James R. Hooker, Professor. Thesis: Martin R. Delany and the African Dream, 1812-1885.
- JOSEPH PATRICK HARAHAAN, Ph.D. B.S., University of Virginia; M.A., University of Richmond. History. Major Professor: Frederick D. Williams, Professor. Thesis: Politics, Political Parties, and Voter Participation in Tidewater Virginia during Reconstruction, 1865-1900.
- W. RUSSELL HARRIS, Ph.D. B.S., Pennsylvania State University; B.D., McCormick Theological Seminary. Education. Major Professor: Russell Kleis, Professor. Thesis: Urban Place Fellowship: An Example of a Communitarian Social Structure.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- WAYNE ALLEN HAYENGA, Ph.D. B.S., University of Illinois; M.B.A., Michigan State University. Agricultural Economics. Major Professor: John R. Brake, Professor. Thesis: The Effects of Bank Mergers on Financial Services Available to Rural Michigan Residents.
- JAMES DOUGLAS HEDBERG, Ph.D. B.S., M.A., Western Michigan University. Education. Major Professor: Frederick R. Ignatovich, Assistant Professor. Thesis: Pupil Control Ideology of Middle School Teachers and Its Relationship to Student Alienation and to Selected Organizational and Teacher Variables.
- RAYMOND C. HELWIG, Ph.D. B.A., Wesleyan University; M.B.A., University of Michigan. Business Administration (Finance). Major Professor: Alan E. Grunewald, Professor. Thesis: Common Stock Price Premiums for Voting Control.
- GLADYS J. HILDRETH, Ph.D. B.S., Southern University; M.S., University of Wisconsin. Family Ecology. Major Professor: Jane E. Oyer, Associate Professor. Thesis: Family Values, Goals and Self-Concept of Unmarried Adults Who Have Sustained a Hearing Loss.
- MAKOTO O. HOKI, Ph.D. B.S., M.S., Kyoto University. Agricultural Engineering. Major Professor: Leroy K. Pickett, Assistant Professor. Thesis: Mechanical Strength and Damage Analysis of Navy Beans.
- KENNETH ROBERT HOLMES, Ph.D. B.S., M.S., Michigan State University. Physiology. Major Professor: Thomas Adams, Professor. Thesis: Thermal Conductivity of the Cat (*Felis Domesticus*) Footpad Epidermis: Changes Produced by Controlled Hydration of the Stratum Corneum.
- LARRY LEE HOOD, Ph.D. B.S., University of Illinois; M.S., Michigan State University. Food Science. Major Professor: J. Robert Brunner, Professor. Thesis: Characteristics of Proteins Extracted from Fresh Alfalfa (*Medicago sativa*).
- KUNIHIRO IWAKURA, Ph.D. B.A., M.A., Osaka University. Linguistics. Major Professor: Seok C. Song, Assistant Professor. Thesis: A Generative-Transformational Study of Negation: A Contrastive Analysis of Japanese and English.
- ROLFE BRIAN JENKINS, Ph.D. B.S., M.S., Michigan State University. Mechanics. Major Professor: Robert W. Little, Professor. Thesis: A Constitutive Equation for Parallel-Fibered Elastic Tissue.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- EVAN JONES, Ph.D. B.C., University of Melbourne; M.A., Michigan State University. Economics. Major Professor: Robert Rasche, Associate Professor. Thesis: On the Micro Economic Theory of Optimal Capital Accumulation.
- MARY JIM JOSEPHS, Ph.D. B.A., Vanderbilt University; M.A., University of Montpellier. Comparative Literature. Major Professor: Russell B. Nye, Professor. Thesis: The Hunting Metaphor in Hemingway and Faulkner.
- JOHN SEWELL KAKALIK, Ph.D. B.A., Michigan State University. Business Administration (Marketing). Major Professor: William Lazer, Professor. Thesis: Product Warranties, Manufacturers' Responsibilities, and Distribution Channels: Interactive Effects.
- JAMES STEPHEN KAMINSKY, Ph.D. B.A., University of Minnesota; M.A., Michigan State University. Education. Major Professor: Frank H. Blackington, III, Professor. Thesis: Methodological Individualism: An Alternative Paradigm for Educational Investigation.
- ANILKUMAR NARAYAN KHARKAR, Ph.D. B.S., India Institute of Technology; M.S., Michigan State University. Chemical Engineering. Major Professor: George A. Coulman, Associate Professor. Thesis: A Stochastic Approach to Population Balance Models.
- NAMIK KEMAL KILIC, Ph.D. B.S., University of Ankara; M.S., M.S., Michigan State University. Agricultural Engineering. Major Professor: George Merva, Associate Professor. Thesis: The Analysis and Simulation of Water Transfer through the Soil-Root Domain.
- WEN-HOU KUO, Ph.D. B.A., Taiwan Provincial Cheng Kung University; M.S., Michigan State University. Statistics. Major Professor: Peter J. Brockwell, Associate Professor. Thesis: Age Distributions for Multiphase Branching Processes and their Applications.
- JIMIE KUSEL, Ph.D. A.B., Princeton University; M.B.A., Michigan State University. Business Administration (Accounting). Major Professor: Gardner M. Jones, Professor. Thesis: A Method for Management of Internal Audit Resources in Multi-Location Military Audits.
- L. DON LAMBERT, Ph.D. B.S., Iowa State University; M.S., Michigan State University. Agricultural Economics. Major Professor: Warren H. Vincent, Professor. Thesis: Regional Trends in the Productivity of American Agriculture.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

AUDREY DORIS LANDERS, Ph.D.

A.B., Ohio University; M.A., Michigan State University.
Psychology. Major Professor: Dozier W. Thornton, Associate Professor.
Thesis: A Longitudinal Investigation of Clinical Concomitants of the Menstrual Cycle.

LE DINH LONG, Ph.D.

B.S., Saigon University.
Chemistry. Major Professor: James L. Dye, Professor.
Thesis: Effect of Ion-Clustering and Dianion Formation on the Rate of Reaction of Anthracenide Radical Anion With Ethanol in THF.

JOHN CHARLES LOPERFIDO, Ph.D.

B.S., M.S., University of Alaska.
Chemistry. Major Professor: William H. Reusch, Professor.
Thesis: A Synthetic Approach to Noniresin-type Bicyclopentofarnesol Sesquiterpenes.

EUGENE N. LOSEY, Ph.D.

A.B., Kalamazoo College.
Chemistry. Major Professor: Eugene LeGoff, Associate Professor.
Thesis: Synthesis and Reactions of 2,3-Dehydrobiphenylene.

JANE DAVIS LOVE, Ph.D.

B.S., Iowa State University; M.S., Florida State University.
Food Science. Major Professor: Albert Pearson, Professor.
Thesis: A Comparison of Myoglobin and Non-Heme Iron as Prooxidants in Cooked Meat and Dispersions of Phospholipid.

CHARLES BERNARD MACLEAN, Ph.D.

B.S., Wisconsin State University; M.A., Michigan State University.
Education. Major Professor: Laurine E. Fitzgerald, Professor.
Thesis: The Effects of Workshop Training on the Attitude-Behaviors of Physicians and Nurses Toward Illegal Drug Users: A Guttman Facet Analysis.

ROBERT JOSEPH MALCUTT, Ph.D.

B.S., M.S., Kent State University.
Geology. Major Professor: Thomas A. Vogel, Associate Professor.
Thesis: Implications of a Lunar Flyby Encounter with Earth.

DAVID F. MANN, Ph.D.

B.S., University of Maine.
Biochemistry. Major Professor: Richard U. Byerrum, Professor.
Thesis: Quinolinic Acid Phosphoribosyltransferase in Castor Beans.

JOSEPH ULAHANNAN
MATCHANICKAL, Ph.D.

B.S., M.S., University of Madras.
Education. Major Professor: Glenn D. Berkheimer, Associate Professor.
Thesis: Dimensions of Science Interest Activity from Racially Different Junior High School Populations.

KENNETH JOSEPH MATTRAN, Ph.D.

B.Sp., Columbia University; M.A., Illinois Teachers College.
Education. Major Professor: Russell J. Kleis, Professor.
Thesis: A Study of Programs of English for Adult Speakers of Other Languages in Public Schools in the State of Michigan.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- DONALD ROBERT MAYLEBEN, Ph.D. B.S., M.Ed., Xavier University.
Education. Major Professor: Peter G. Haines, Professor.
Thesis: Four Broad Components of Personality as It Relates to the Perceived Effectiveness of the Distributive Education Student Teachers and Their Students in Minnesota.
- MICHAEL ROBERT MCELWEE, Ph.D. B.A., M.A., University of Wisconsin.
Education. Major Professor: William K. Durr, Professor.
Thesis: A Comparison of Assignment and Quiz Evaluation Using Taped Instructor Comments and Written Instructor Comments as They Affect the Achievement and Attitudes of Preservice Teachers.
- JOHN WALTER MEHL, Ph.D. B.A., M.A., University of Redlands.
Education. Major Professor: Samuel A. Moore, II, Professor.
Thesis: Parental Attitude Toward the School, Student Confidence Level of Academic Ability, Selected Indices of Student Achievement: A Comparative Study of Relationships.
- H. WAYNE MODLER, Ph.D. B.S., University of Guelph; M.S., Michigan State University.
Food Science. Major Professor: Charles M. Stine, Professor.
Thesis: The Isolation and Characterization of the Extracellular Protease of *Penicillium Roqueforti* BP-13.
- MARY LAURENCE MORGAN, Ph.D. B.S., Michigan State University.
Physiology. Major Professor: Thomas Adams, Professor.
Thesis: Acid-Base Balance During Polypnea and Panting in the Un-anesthetized Cat.
- RAUL MUNOZ, Ph.D. B.A., M.A., University of Nebraska; M.A., Michigan State University.
Spanish, Language and Literature. Major Professor: Carlos M. Teràn, Professor.
Thesis: *Lo Neopicaresco en la Novela Hispanoamericana*.
- GERALD L. MUSGRAVE, Ph.D. B.A., San Fernando Valley State College; M.A., Michigan State University.
Economics. Major Professor: Jan Kmenta, Professor.
Thesis: Economies of Scale in Computer Centers.
- LENA WRIGHT MYERS, Ph.D. B.A., Tougaloo College; M.A., Michigan State University.
Sociology. Major Professor: William A. Faunce, Professor.
Thesis: A Study of the Self-Esteem Maintenance Process Among Black Women.
- JEAN GEDEON NICHOLAS, Ph.D. B.A., Pennsylvania State University; M.A., Michigan State University.
Comparative Literature. Major Professor: John A. Yunck, Professor.
Thesis: Aspects of English Thought in Bayle's *Nouvelles de la Republique des Lettres*.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- THOMAS MICHAEL NIEMCZYK, Ph.D. B.S., University of Wisconsin.
Chemistry. Major Professor: C. G. Enke, Professor.
Thesis: A Computer-Interfaced Fourier Transform Spectrometer with Applications to Some Aspects of Solid State Spectroscopy.
- KENNETH ROBERT OLSON, Ph.D. B.S., University of Wisconsin; M.S., Michigan State University.
Physiology. Major Professor: Paul O. Fromm, Professor.
Thesis: Uptake Pathways of Methyl Mercuric Chloride and Mercuric Chloride by Rainbow Trout (*Salmo Gairdneri*) with Special Reference to Ultrastructural Changes of the Gill.
- DANIEL JOSEPH ORCHIK, Ph.D. B.S., Clarion State College; M.S., Buffalo State University.
Audiology and Speech Sciences. Major Professor: William F. Rintellmann, Professor.
Thesis: Comparison of Pure-Tone, Warble-Tone and Narrow-Band Noise Thresholds of Young Normal-Hearing Children.
- PAUL EDWIN PARKER, Ph.D. B.S., Southern Methodist University; M.S., North Texas State University.
Physiology. Major Professors: Francis J. Haddy, Jerry B. Scott, Professors.
Thesis: Role of the Carotid Body Chemoreceptors in the Reflex Regulation of the Cardiovascular System.
- LAWRENCE EARL PELCHER, Ph.D. B.S., Aquinas College; M.S., Michigan State University.
Botany and Plant Pathology. Major Professor: Harry H. Murakishi, Professor.
Thesis: The Kinetics of TMV-RNA Synthesis and its Correlation with Accumulation of Complete Virus in Inoculated Tissue Culture and the Effect of Kinetin on Virus Synthesis.
- DANG TRUNG PHUOC, Ph.D. B.S., University of Saigon; M.S., Michigan State University.
Entomology. Major Professor: Frederick W. Stehr, Associate Professor.
Thesis: Morphology and Taxonomy of the Known Pupae of Coccinellidae (Coleoptera) of North America.
- JAMES EUGENE PIERESON, Ph.D. B.A., M.A., Michigan State University.
Political Science. Major Professor: Alan P. Grimes, Professor.
Thesis: Career Perspectives and Institutional Change in the United States: A Case of the Federalists and the Antifederalists.
- DENNIS RICHARD POLLACK, Ph.D. B.S., University of San Francisco; M.A., Michigan State University.
Psychology. Major Professor: Lawrence A. Messe, Associate Professor.
Thesis: The Effect of Need for Social Approval, Political Viewpoint, and Type of Crime on Decisions of Three-Person Mock Juries.
- MOHAMMAD MAZIBUR RAHMAN, Ph.D. B.A., M.A., Dacca University.
Sociology. Major Professor: J. Allan Beegle, Professor.
Thesis: Patterns of Occupational Mobility Among the Rural Male Population of Michigan.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- BONNIE NANETTE RAPHAEL, Ph.D. B.A., Brooklyn College; M.A., University of Michigan.
Theatre. Major Professor: Clarence W. Bahs, Assistant Professor.
Thesis: A Descriptive Study of the Relationship Between the Demands of a Specific Characterization and Functional Voice Problems in the Male Actor.
- ROBERT DAVID REGAN, Ph.D. B.S., Boston College.
Geology. Major Professor: Hugh F. Bennett, Assistant Professor.
Thesis: The Application of Spectral Methods in the Analysis and Interpretation of Gravity Data: A Critical Study.
- JAMES DAVID RICHARDSON, Ph.D. B.S., Michigan State University.
Chemistry. Major Professor: Gerasimos J. Karabatsos, Professor.
Thesis: The Importance of Carbon-Carbon Bond Hyperconjugation in the Solvolysis of *endo*-2-Norbornyl Brosylate.
- M. JOSEPH SCHALLER, Ph.D. B.A., M.A., Michigan State University.
Psychology. Major Professor: Lauren Harris, Associate Professor.
Thesis: The Role of Intrinsic Features in the Judgment of "Upright" Orientation of Two-Dimensional Forms: A Developmental Analysis.
- ELMER BERMON SCOVILL, Ph.D. B.S., Butler University; M.A., Central Michigan University.
History. Major Professor: Donald N. Lammers, Associate Professor.
Thesis: The Royal Air Force, The Middle East, and Disarmament, 1919-1934.
- PHISIT SETTHAWONG, Ph.D. B.C., Chulalongkorn University; M.A., Michigan State University.
Economics. Major Professor: Anthony Koo, Professor.
Thesis: An Econometric Analysis of Engel Curves: Based on M.S.U. Consumer Panel Data.
- PHILIP HAROLD SHERIDAN, Ph.D. B.S., Slippery Rock State College; M.A., University of Minnesota.
Education. Major Professor: Herbert C. Rudman, Professor.
Thesis: The Normative Role of the Secondary Resource Teacher in Montgomery County, Maryland — A Type of Differentiated Staffing.
- HENRY STANLEY SIENKIEWICZ, Ph.D. Ph.B., University of Detroit; M.Ed., Wayne State University.
Education. Major Professor: William J. Walsh, Professor.
Thesis: A Comparative Study to Determine the Relationship Between the Existing Practices of Selected Middle Schools and Student Performance on a Standardized Attitudinal Measure.
- TERRY BRUCE SMITH, Ph.D. A.B., Central Methodist College; M.A., Michigan State University.
Political Science. Major Professor: Joseph Schlesinger, Professor.
Thesis: Primary Election Structure and Political Behavior.
- VINCENT FRANCIS SMITH, JR., Ph.D. B.S., Iowa State University.
Chemistry. Major Professor: Gerasimos J. Karabatsos, Professor.
Thesis: Entropy Contributions to Remote Secondary Kinetic Hydrogen Isotope Effects.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- CHARLES W. SORENSEN, Ph.D. B.A., Augustana College; M.A., Illinois State University.
History. Major Professor: Robert E. Wall, Associate Professor.
Thesis: Response to Crisis: An Analysis of New Haven, 1638-1665.
- RONALD RALPH STOCKTON, Ph.D. B.A., Southern Illinois University.
Political Science. Major Professor: Paul Abramson, Associate Professor.
Thesis: Development and Discontent: A Study of Social Mobilization
in the Nyeri District of Kenya.
- JAMES VICTOR STONEMAN, Ph.D. B.S., Detroit Institute of Technology; M.B.A., University of Detroit.
Education. Major Professor: Stanley E. Hecker, Professor.
Thesis: A Proposed Model of Data Flow to be Utilized in Relating
Student Input and Financial Accountability at Michigan State Uni-
versity.
- WILLIAM TERRY SUGGS, JR., Ph.D. B.S., Seton Hall University
Chemistry. Major Professor: Donald G. Farnum, Professor.
Thesis: Part I: Approaches to the Synthesis of 2-*para*-nitrophenyl-4,6-
di-*para*-methoxyphenyl-benzene-1,3-quinone Part II: The Crystal
Structure of 2,4-di-*para*-methoxyphenyl-cyclobutadiene-1,3-quinone.
- BARBARA JEAN SULLIVAN, Ph.D. A.B., Nazareth College; M.A., Western Michigan University; Ed.S.,
Michigan State University.
Education. Major Professor: Robert C. Hatfield, Associate Professor.
Thesis: A Study of the Effectiveness of an In-Service Model for Ele-
mentary Supervising Teachers Based Upon the Performance of Their
Student Teachers.
- CHAREONPOL SUVANACHOT, Ph.D. B.Ed., Bangkok College of Education; T.E., University of the Philip-
pines; M.A., Michigan State University.
Education. Major Professor: Archibald B. Shaw, Professor.
Thesis: A Study of the Leadership and Managerial Roles of the Di-
rector of Student Teaching in Michigan Colleges and Universities.
- ROBERT V. P. TAO, Ph.D. B.A., Wartburg College; M.S., Western Michigan University.
Biochemistry. Major Professor: Charles C. Sweeley, Professor.
Thesis: Biochemistry and Metabolism of Mammalian Blood Glycos-
phingo Lipids.
- LLOYD DOUGLAS TEIGEN, Ph.D. B.S., Montana State University; M.S., Michigan State University.
Agricultural Economics. Major Professor: Robert Gustafson, Associate
Professor.
Thesis: Costs, Loss, and Forecasting Error: An Evaluation of Models
for Beef Prices.
- BERNARD ROBERT TENNES, Ph.D. B.S., University of Illinois; M.S., Michigan State University.
Agricultural Engineering. Major Professor: George E. Merva, Asso-
ciate Professor.
Thesis: Physical Properties of Fruit Related to Cracking.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- MAX ROBERT TERMAN, Ph.D. B.A., Spring Arbor College.
Zoology. Major Professor: Rollin H. Baker, Professor.
Thesis: Interactions Between Sympatric *Microtus* and *Sigmodon* (Rodentia: Cricetidae).
- CARL TORBEN THOMSEN, Ph.D. B.A., Andrews University; M.B.A., Michigan State University.
Business Administration (Accounting). Major Professor: Gardner M. Jones, Professor.
Thesis: An Event-Relation Approach to a Metatheory of Accounting.
- FRED C. TINNING, Ph.D. B.A., M.A., Michigan State University.
Education. Major Professor: James R. Engelkes, Associate Professor.
Thesis: An Experimental Study Investigating the Effects of Real and Simulated Clinical Training on Psychomotor, Affective and Cognitive Variables During Real Clinical Performance of First Year Osteopathic Medical Students.
- J. PABLO TORREALBA M., Ph.D. B.S., Catholic University; M.S., Michigan State University.
Agricultural Economics. Major Professor: Harold M. Riley, Professor.
Thesis: Improving the Organization of Fruit and Vegetable Production - Assembly Systems in the Coffee Zone of Colombia: A Case Study in the La Mesa Region.
- ROBERT PETER VALLEE, Ph.D. B.S., Tufts University; M.S., Michigan State University.
Civil Engineering. Major Professor: Orlando B. Andersland, Professor.
Thesis: A Field Consolidation Study of High Ash Papermill Sludge.
- EDWARD E. VEAZEY, Ph.D. B.A., University of Montana.
Economics. Major Professor: Jan Kmenta, Professor.
Thesis: Aggregation Bias in the Demand for Money.
- SHLOMO WAKS, Ph.D. B.Sc., M.Sc., Israel Institute of Technology.
Education. Major Professor: Stephen L. Yelon, Associate Professor.
Thesis: The Development and Testing of an Instructional Model for Laboratory Experiments on Electronic Circuits in College-Level Engineering.
- KEITH WALTER WARD, Ph.D. B.S., Youngstown State University; M.Ed., Westminster College; M.A., Arizona State University.
Education. Major Professor: Charles A. Blackman, Professor.
Thesis: An Interinstitutional Approach to In-Service Education for Public School Personnel: The Kent Interinstitutional Workshop 1971-1972.
- WILLIAM DOUGLAS WARD, Ph.D. B.S., Michigan State University; M.Ed., Wayne State University.
Education. Major Professor: Charles A. Blackman, Professor.
Thesis: The Role of Teacher Organizations in Professional Development and Instructional Improvement as Perceived by Selected Teacher Organization Leaders.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE (Continued)

- LEROY ALLAN WATRUD, Ph.D. B.S., University of Wisconsin.
Botany and Plant Pathology. Major Professor: Clifford J. Pollard,
Professor.
Thesis: The 5' Termini of Ribosomal Ribonucleic Acid from Higher
Plants.
- SANDRA LYNN WHITAKER, Ph.D. B.A., M.A., Wayne State University.
Psychology. Major Professor: Andrew M. Barclay, Associate Professor.
Thesis: Sex Differences in Self-Esteem as a Function of Assigned
Masculine and Feminine Characteristics.
- ERIC VON ARTHUR WINSTON, Ph.D. B.A., Morehouse College; M.S., Atlanta University.
Education. Major Professor: Van C. Johnson, Professor.
Thesis: Black Students Activism at Michigan State University Sep-
tember, 1967-June 30, 1972: The University's Response.
- DONALD HENRY WORT, Ph.D. B.ChE., University of Detroit; M.C., University of Richmond.
Business Administration (Finance). Major Professor: Myles S. Delano,
Professor.
Thesis: A Stochastic Dominance Approach to Measurement of Merger
Success.
- HENRY KWAI-TO YUEN, Ph.D. B.S., University of Illinois.
Chemistry. Major Professor: Jack B. Kinsinger, Professor.
Thesis: Low-Angle and Brillouin Light Scattering From Inhomogeneous Amorphous Polymers.

CANDIDATES FOR THE EDUCATIONAL SPECIALIST DEGREE

- DALE ROYCE BACHMAN, Ed.S. B.A., Adrian College; M.A., Michigan State University.
Education. Major Professor: Philip A. Cusick, Assistant Professor.
- JAMES WEBSTER HIXSON, Ed.S. B.A., Tennessee Temple College; M.R.E., Temple Baptist Theological
Seminary; B.D., Central Baptist Theological Seminary; M.A., Michigan State University.
Education. Major Professor: Russell J. Kleis, Professor.
- WALTER BOYD LINGO, Ed.S. B.S., M.A., Michigan State University.
Education. Major Professor: John H. Suehr, Professor.
- DOROTHY ANN OCCHIETTI, Ed.S. B.E., Whitewater State University; M.A., Northern Michigan University.
Education. Major Professor: Russell J. Kleis, Professor.
- DEAN ANDREW WILSON, Ed.S. B.S., Western Michigan University; M.A., Michigan State University.
Education. Major Professor: Robert O. Nolan, Professor.

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

LAWRENCE L. BOGER, DEAN

DEGREE OF
MASTER
OF SCIENCE

Agricultural Economics

Sheng Cheng Chi
Donald William Gailey
Nualsri Yiempat
Goquiolay
James David Mullan
Charles Lyndale Thames

Agricultural Mechanization

Yi-Luen Chen
Steven Jack Ratzman
Soemangat

Animal Husbandry

John Thomas Johns
Gaspary Stanislaus Madata
Kim Hilton Ponto

Biochemistry

Mary Makri
Dorothy Boerner Mann

Crop Science

Ronald M. Peare

Dairy Science

Charles Lee Goeke
James Howard Schoonaert

Fisheries and Wildlife

Robert John Bernard
Jananne Bishop
Thomas Joseph Ecker

Thomas James Edwards
Mark Thomas Halter
Thomas Vern Kreh
John K. Nelson
Timothy A. Reichard
Howard Alan Simonin
David Zigmund Skolasinski
Kim Rexford Strawe

Food Science

Maxwell Todd Abbott
Cheryl Ann Groesbeck
Syed Ghazanfar Haider
Kert F. Ivie
Young Chun Lee
Usana Navanugraha
Mani Rant Thakur

Forestry

Robert Dean Averill
Dwight Ray Devereaux
Arlen Howard Johnson
Kenneth Alan Ottman
James Robert Ruby
David Arthur Winston

Horticulture

Leonardo Flores Flores
Wayne S. Johnson
Thomas Richard Krahn
Gerald Lee Nyberg
Edward Louis Silvia
James Alan Slezinski

Packaging

Thomas Joseph Kusza
Tamio Tani
Junichi Uno

Park and Recreation

Resources

Robert Henry McKenna
William Edward Seiple

Poultry Science

James Leslie Dale
Norihiko Goto

Resource Development

David Henry Cook
Conrad Alan Fjetland
Quentin John Freidhoff
Richard Kenneth Hodge
Dennis Patrick Omeara
Francis Paul Opolka
Craig Dennis Osteen
Garren Roger Titus
David Jay Trastman

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF ENGINEERING

Agricultural Engineering

Josse G. DeBaerdemaeker
Stephen Frederick DeBoer
Alan W. Hooper

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

DEGREE OF BACHELOR OF SCIENCE

Agricultural Business

Richard Edward Kubiak

Agricultural Economics

Douglas G. Lewis

Agricultural Mechanization

Keith Lamarr Eisenmann

Gregory J. Hull

Animal Husbandry

David George Arnold

Larry Allen Baker

*Jeffrey Paul Erickson

Patricia Rose Harkins

Marsha Kay Hughes

Karl Christen Kuhnenn

Kenneth Jay Luegge

Steven Craig Marshall

Robert Lyle Morse

Sharon Gail Peterson

Jerry Elmen Rosenquist

John Edward Shelle

*James Otto Wagner

Building Construction

Clifford William Appeldorn

Timothy Allen Durkin

Donald George Oakley

Mark Vincent Prieur

Gordon James Swihart

Floyd Francis Zoulek

Crop Science

John Darwin McCumons

*Mark Alan Otto

Dairy Science

Steven Michael Cramer

Fisheries and Wildlife

Robert Cornelius De Jong

H* Russell John Erickson

David Herbert Foster

Daniel Lee Gieseler

William Frederick Herrmann

James Alan Kesel

*Anthony Bruce May

John Michael Nickerson

*Michael James Reese

*David Walter Schmutzler

Robert John Stenfors

Charles C. Warner

Steven Russell Waterman

Wayne Thomas Wilson

Food Science

Robert Joseph Looby

**Linda Secor

Alfred Arnold Wassilak

Food Systems Economics

and Management

Robert Floyd Banks

Bruce James Jackson

Forestry

*Christopher Heydinger
Gladieux

*John C. Houser

Donald Roy Kreitner

**Russell Alan LaFayette

*Robert Richard Simms

Lowell Eugene Spotts

Thomas D. Voigts

Horticulture Marketing

Timothy Edward Joy

Horticulture Science

Randall Frederick Braun, Jr.

*Douglas A. Lee

Kent R. Leyes

Catherine Ann Masuga

James Robert Perry

Packaging

John Lehr Baxter

Patrick Watt Burke

Ronald Rudolph Ege

Edward Charles Fuller

William Lee Lambert, Jr.

David Deming Marvin

Paul Timothy Obolewicz

Enrique Origel Perez

Larry Herbert Van House

George Isavro Vigil

Park and Recreation

Resources

Stephen Dexter Dice

H**Mark Gary Factor

Stephen Richard Gillette

James Wesley Jeltama

*Norbert L. Karr

Ronald Gene Nye

John Douglas Pound

Bruce Marshall Taylor

Treadway

Timothy Jon Vogel

Poultry Science

Dolores Jeanne Chandler

Resource Development

Jon A. Cudworth

Douglas Kirk Hartman

Roger David Hughes

Dusanka Lazarevic

Janet Ann Ledtke

Howard Lewis Richmond, III

*James Frederick Warren

Soil Science

Thomas Lynn Rooney

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Agricultural Education

John Paul Knipp

Dairy Science

James W. Duncan

Fisheries and Wildlife

David Earl Vogelpohl

COLLEGE OF ENGINEERING

LAWRENCE W. VON TERSCH, DEAN

DEGREE OF
MASTER
OF SCIENCE

Chemical Engineering

David Allen Smith

Civil Engineering

Stanley Richard Blackledge
James Perry Neve, Jr.
Dhiraphorn Srifuengfung

Computer Science

James Timothy Callahan
David Arthur Clegg
Timothy Alexander Fino

Electrical Engineering

Mohammad Mubashir-Ul
Bari
Siripong Boonsopon
Richard K. T. Ma
Pramodkumar Chhotubhai
Patel
Robert Tah-Wei Tan

Materials Science

Rollin James Parker

Mechanical Engineering

Woo Deuk Lee
Jack Charles Webb

Metallurgy

David James Morrison

Sanitary Engineering

Hubert Arthur Alexander
Arnowitz
John Robert Karwoski
Michael Lee Smith

System Science

Douglas Jose Franco
Banshg Gupta
Robert Lewis Walton

DEGREE OF
BACHELOR
OF SCIENCE

Chemical Engineering

Viresh P. Patel

Civil Engineering

*William DeWane Barker
Mikel Joe Boorom
*Russell John Carroll
*Jerry Lee Hoekwater
Michael O'Dell Kelley
Gary L. Mitchell
Thomas Edward Schell
Raymond E. Tadgerson
John Robert Vogel
*Robert Michael Wheeler
Norman Michael Whitman
Robert Wojtysiak

Computer Science

*Bryan Earl Drake
Richard Eugene Hall
Anthony Francis Preston
H**Greg Robert White
H**Chris William Wilson, Jr.

Electrical Engineering

H**John Richard Hamann
Edward Stanley
Henderson, II
Charles John Jensen
Anthony Francis Preston
H*Robert Benjamin Preston
*William Louis Schlicht
Niles Edward Strohl

Mechanical Engineering

David Gordon Allman
William Eldwin Baur
Lona Nannette Bradbury
Bruce Sherman Coryell
Justo Raymond de Varona, Jr.
*Richard Edward Hintz
Earnest Chris Killion
*Edward Charles Koerner
Stephen Robert Mathers
Thomas Jay Sloan
Richard John Stump

Steven Joseph Vince
Thomas William Wakeling
H**Robert Finley Watson
**Donald Dane Winter
Robert Brunson Wolbrink, Jr.
Yacoub Fawzy Yacoub
**Steven Paul Yatchak

Systems Science

Niles Edward Strohl
Christopher Anthony Young

DEGREE RECOMMENDED
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AND NATURAL RESOURCES

Agricultural Engineering

James Cherry
**Calvin John Dyke
*Paul Roland Peterson

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COLLEGE OF HUMAN ECOLOGY

LOIS A. LUND, DEAN

DEGREE OF MASTER OF ARTS	<u>Child Development</u> Tyra Joy DeCarlo Mary Ann Humbert Lorna Jean Peterson	<u>Family Economics and Management</u> Lorraine Frances Berce	<u>Home Economics Education</u> Mary Ellen Gowin
	<u>Clothing and Textiles</u> Claudia Tsuruko Kuba	<u>Family Studies</u> Nancy Mary Booth	<u>Human Shelter and Interior Design</u> Karen Sue Natrass
DEGREE OF MASTER OF SCIENCE	<u>Foods</u> Marilyn Mook		
DEGREE OF BACHELOR OF ARTS	<u>Interior Design</u> Karen Ashker Ellinor Louise Shank		
DEGREE OF BACHELOR OF SCIENCE	<u>Clothing and Textiles</u> Karen Jo Ann Diebolt *Jennifer Margaret Isaacson	<u>Dietetics</u> H* Dee Ellen Cook Dixie Lee Costea Barbara Ann Smith **Sister Joyce Mary Williams	<u>Retailing of Clothing and Textiles</u> Barbara Jean Bachtel Jonci Reni Chamberlain *Kathryn Ann Dutmers *Rashelle Ann Kamp Sharon Ann Larned Marsha Gail Loncar Laurel Faye Lovestrom
	<u>Consumer-Community Services</u> *Frances Anne Basse *Martha Louise Byington Valerie Carter Kathryn Jane Mead Gregory N. Miller Connie Murry Pamela J. Rossi *Phyllis Anita Toles *Uzonwanne Ejidoh Uzoukwu	<u>General Home Economics</u> Kimberly Anne Colman Cheryl Mary Enright Marjorie Elizabeth Harmer <u>Research in Foods and Nutrition</u> *Ellen Joy Rand	H* Bonnie Jean Marchand Paula Diane Myers *Denise RoAnn Stice *Patricia Pearl Tervo Ann Christine Thomson

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Child Development and Teaching

Charlotte Louise Adams
Lucia Ann Biondo
*Mary Beth Blake
Rebecca Sue Elliott
*Diane Yvonne Greer

*Maureen Ann Hill
Nancy Secor
*Mary Louise Tomasik

Home Economics Education

Jane Ann Allberry
Gloria Joy Bandy
*Ann Cherlie Beals
**Deborah Bartman Bonner
**Gale Ann Davis
Pauline Forst
**Judith Lynne Hoffman

*Mary L. Janusz
Patricia Kathleen King
*Ann Marie Krell
Marsha Gail Loncar
*Judith Ann Mailhot
Renetta Arsonia Miller
Judith Anne Moore
Marsha Raymond Phillips
*Priscilla Ann Simon
Robbie Delores Williams
*Marsha Corey Wolf

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COLLEGE OF VETERINARY MEDICINE

WILLIS W. ARMISTEAD, DEAN

DEGREE OF
MASTER
OF SCIENCE

Microbiology and
Public Health
Antony Jim Musoke

Pathology
James Daniel McKean
Harold William Tvedten

DEGREE OF
BACHELOR
OF SCIENCE

Veterinary Medicine
Amy Carol Ahlberg
Thomas Walter Barkham
*Dale Ray Borders
**John Rudolph Boyce
*Thomas Richards Bruning
*Alan Hopkins Bush
David John Butts
*Jacqueline Ray Carew
James Michael Coleman
*Kevin John Crow
Steven Robert Cribbley
*Gloria Jean Dickson

Brian Curtis Dykema
**Jacques Ford
**Mary Jane Heinrich
David Robert Hock
*Janine Beth Kasper
**Stephen Mark Kritsick
*Bradford L. Lemke
Robert Wendell Lerner, Jr.
*Timothy Paul Maier
**Constance J. Moll
**Christine Morris
**Albert Richard Petkus
*Larry Michael Rajewski
Yvette Louise Rauff

*Christopher Lee Reinart
Charles Josef Schena, III
*Elaine Rose Schultz
*Ronald James Schwab
*Richard Preston Schwach
**Allen Walter Singer
David Stasevich
**Susan Stein
David Roger Swanson
**Virginia L. Vader
Philip Van Vranken
Todd Michael Wheeler
*Timothy John Zorn

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COLLEGE OF BUSINESS

KULLERVO LOUHI, DEAN

DEGREE OF
MASTER
OF ARTS

Economics

Enyinna Joseph Chuta
German Alfonso Garcia

William John Kelly
Jeffrey Alan MacDonald
Paulo Roberto Silva

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

DEGREE OF
MASTER OF
BUSINESS
ADMINISTRATION

Jay Richard Adams
Ali A. Albader
Jamal Shafic Al-Sharif
Charles Arthur Baribeau, III
Jean Pierre Beaulieu
Bruce David Bouwkamp
William Joseph Brosenne, Jr.
Paul Frederick Brusher
David Lee Chazick
John F. Cocuzza
Eduardo Duran Consunji
Kevin Michael Cooney
Carlos Enrique Font
Neil Robert Gardner
Philip Francis Globig
Raymond Joseph Grzeskowiak
James D. Hagen
Leon David Hale
Eugene O. Harris
Lance Gordon Fraser Head

David C. Hendrickson
Robert J. H. Henkes
Peter Brian Houghton
Alan Ralph Huizinga
Shaukat Hussain
David Dwight Jackson
Lawrence Oliver Jenicke
Gary LaWayne Keefer
Edwin Louis Krebs
Mehmet Salim Kumbaraci
William Henry Russell Lake
Myung Chul Lee
William Frank Lenkowski
Daniel P. Lutzeier
David L. McClelland, Jr.
James Edward Miller
Jorge Gerardo Montero
Roger William Murphy
Eric E. Nielsen
Carl Richard Offutt

Frank Paul Paradise, II
Douglas Allen Pfeiffer
R. Neil Remondino
James Michael Rueff
Joseph Sachs
Gary Steven Schettl
Allan George Schmotzer
Peter Dernier Schultz
Edward James Sever
Haldane Brooks Smith
Scott Morris Smith
William Dorsey Smith
Akbar Tamhidi
Stephen Charles Treanor
Carolyn Kay Tripp
Michael David Turi
Robert James Walls
James Andrew Welsh
Abdul Samad Yahaya

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OF ARTS

Accounting

David John Cousineau
John R. Dillaman
Richard Todd Gray
William O. Halbower
G. William Heasty, Jr.
*William C. Jackson
*Arthur Allen Loeffler
Norman Victor Lorentz
James Lee McCabe
Gary Allen Missler
David James Oliver
Richard Alan Perez

Stephen Henry Phillips
Waymond Rodgers
James Dennis Van DeVelde
Jay W. Williams, Jr.

Economics

Dale Rodney Adams
*Daniel Gerard Galant
*Walter Joseph Grom, Jr.
*Karey Gene Henderson
*Kathryn Ellen Korn
H*John Leo Locker, Jr.
H**John Michael McCarthy

Christopher Paul Nelson
*Ronald Joseph Nizinski
James Herman Pell
Charles Stanley Poizel
*Mary Terese Rapchak
Cheryl Diann Roark
*Mark Alan Roberts
H*Hugh McAndless Smith
*Harvey Lawrence Solway
H*Alan John Stoga
Lee Anthony Strickler
*Sanford Elliott Zeid

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DEGREE OF BACHELOR OF OF ARTS

Financial Administration

Steven Mark Appledorn

General Business

Administration

*Clyde Albert Bachelor
Edward Keith Blake, Jr.
Robert Byrnes Campbell
George Thomas Chambers

*Kathleen Ann Eyre
Cary Robert Friedly
James M. Hannen
Allan James Harper
Susan Marie Hawley
Robert John Kalwarczyk
Robert G. Klan

*Donald Allen McCabe, Jr.
Donald Fred Miller

Jesse Joseph Nyikon
**Patrick Emmett Paddon
Charles Wesley Painter, III
Kenneth Charles Rands

**Barbara Sheryl Silver
Karl Robert Weathers
Richard E. Whipple

H* Mark Andrew White
Robert Emery Wright, Jr.
Joseph George Zarb

Hotel and Restaurant

Management

Thomas Arthur Borin
Suzette Marion Crick

William Edward Dehnbostel H** Stephen Matthews Gladwin

William Arnold Gesch

*David Gene Hudson

*James Dewey McCarty

**Dale Curtis Miller

Donald Lynn Miller

*Jerry L. Wilson

*James R. Wolf

Niles Bernard Yaklin

H** Martha Louise Starcher

Risk and Insurance

Susan Petrini Muscella

Industrial Administration

Kipp Alan Katz

David Richard Maciejewski

Marketing

William Davis

H** Frederick Robert Dwyer, Jr.

Joseph Timothy Galanek

*Robert A. Hahn

Peter Southwick Johnson

**Richard Davis Paterson

Ronald William Plichta

Allen M. Shapiro

Dale William Zurakowski

Office Administration

Judith Elaine Harris

Tina Marie Opanowicz

Personnel Administration

Richard Alan Bernthal

Gary John Dayton

Christine Marie Gagnon

Tourism

*Linda Elaine Stout

*Kathleen Jeanne Towns

*Jeanne Patricia Witter

Transportation-Distribution

Paul Thomas Rockafellow

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Business Education

Sharon L. Andrews

Maxine Davis

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Christine Alice Frede

Marcia Ann Stempien

Goodrich

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Debra Ann Tesch

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KEITH GOLDHAMMER, DEAN

Education

Yuko Adegawa
Faisel Abdullah AlFares
Robert William Allen
Angela S. Allgire
Danny Charles Anderson
Mary Merickel Armstrong
William L. Arnet
Perry Ann Austin
Doris J. Baldwin
Rodger Norman Bell
Lynda Bergin
James Lee Biser
Jack A. Bishop
Dorothy L. Adams Brayee
Joyce Kay Brown
David Robert Buck
Lynne Burnham
Rosemary Shelly Caffarella
Gloria Marie Cannon
Somlak Chongtrakul
Margaret Elaine Clarke
Dulce Socorro Collado
Rosa Graciela Cordes
Karen Peterson Coulson
Neva Joan Curtis
Roselynn Elaine De Groot
Thurman Hearne Dennis, Jr.
Elizabeth Dickey
Charlene Carroll Douglas
John O. Draganchuk
Belva Haynes Eiland
Stewart Melvin Flate
Daniel Stuart Friedman
Gary Richard Gaffner
Lawrence Joseph Geiger
Jerry L. Gillett
Jack Henry Gleason
Sherry Kay Globig
Shirley Elaine Guinyard
Linda Carol Hackett
Linda Diane Henney
Marie O. Hightower
Judy Ann Hindes
Dawn Marie Hollenbeck
Denise Millan Humphrey

Wendy Gail Humphries
Margaret Iams
Joseph Campbell Iauch
Kenneth Wayne Int Veld
Jeanne M. Johns
Daniel James Jones
Ralph Fenton Kanaar
Gerald Ardin Kane
Jeanne Lyn Katz
Judith Ann Zehnder Keller
Mary Katherine Kelly
Sandra Lee Kemnski
George Allan Kinney
Scott Fredrick Koenig
Marilyn Gayle Kotati
Suri Krairojananan
Marjorie Ann Lawson
Richard George Lederer
Mary Elizabeth Lepard
Rodney J. Lewis
Robert Joseph Luebke
David John Manthei
Craig Edwin Marsh
Patricia A. Mattina
Janet Walker McClelland
Dean Richard McCormick
James Ammon McMillan
Edward Joseph Michael, Jr.
Dawn Marie Miller
Henry Joseph Moczul
Paula Monderer
Claudia Lynn Morhart
Saleh Ibraheem Muhanna
John Christopher Murphy
Noriko Negoro
Rose Marie Nowak
Deborah Ann Nylen
Dick John Oostenink, III
Susan Gay Partington
Vivian Sandra Patterson
Judy Kay Pfaff
Vezelia Brewster Phillips
Hattie Lee Pitts
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Choon Ji Rhee
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Linda Gloria Robertson
Harvey Merlin Rodgers
William Frederick Rohrs
Coral Sue Roller
Mary Patricia Rossio
Michael John Sacharski
Gail Tokiko Sakata
Kathleen Marie Schulke
Carmela Ann Scruggs
Carole Ann Shank
Joan Jeanne Shepard
Patrick William Sherman, Sr.
Esther Judith Weitzner
Shwedel
Lillian Jean Slachter
Paula Marie Slagle
John Willmot Speck
Ralph Lindsay Stadelman
Charles Urban Steele
Susan Kay Sutton
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Pantip Thongpricha
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Uzonwanne Ejidoh Uzoukwu
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Darrell Gene Van Luchene
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Mary Alice Vidito
John Wayne Waldron
Robert Harris Walton
Dianne Meyer Webster
Catherine Mary Werner
Meredith Glee White
Dennis Earl Whitlock
James Walter Wirick
John Harvey Wolfe
Jack Delbert Wunderlich
Roger Carl Yake
Pamela Breakey Zachwieja

DEGREE OF
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DEGREE OF BACHELOR OF ARTS

Elementary Education

- Dennis Michael Adams
Kathryn Dianne Albright
**Christine Marie Artibee
David Mordecai Asher
**Norma Jean Bader
Nancy Lynn Ball
Cheryl Ann Belanger
Thomas Allen Benner
H**Lynn Ann Benore
*Debra Helene Berk
Ann Marie Bittner
Sherri Joyce Bjork
Joann Ruth Blunt
Lynne A. Bolenbaugh
Janet Lynn Boles
Deborah Ann Bower
Roberta Jo Bowker
*Suzanne Schroeder Brown
*Judith D. Brumer
Judith Ann Burford
H**Suzanne Marie Burkli
*Suzanne Wilder Carpenter
Peggy Ann Champion
Elise Chapoton
Dolores Virginia Cook
Kay Ellen Cooley
**Barbara Jean Coppens
Vincent Dattolo
Charles DeBoer, Jr.
Katherine Ann Dunkelberg
Kathleen Paulette Fegan
H**Sarah Elizabeth Flanders
Paula Marie Fochtman
Jeanette Dee Folsom
*Debbi Ann Gammon
*Judy Renee Gittleman

- *Janet Sally Grundstrom
*Linda Lee Gulley
*Janet Quail Hale
*Claudia Marie Hawkins
*Kathleen Maddocks
Heinrich
Georganne Hinde
*Delcia M. Holmes
*Myrna Belle Hooper
*Joyce Beverly James
Susan Marie Jivery
*Mary Angela Johnson
*Eileen Kay Krawczynski
*Kathleen A. Kurtis
*Lynne Laich
Sharon Marie LaMarte
H**Kathleen Sue Langham
*Debra Kay Leddick
Catherine Rose Leonard
Patricia Ann Leto
*Minnie M. Longuemire
*Jane Ellyn Loup
*Laurel Lee Lydy
*Sheila MacDonald
*Lillian McCracken
*Peggy Jo McKenna
Barbara Ann McKie
Polly Ann McKinley
*Maureen Perl McLaughlin
Ann Marie Miller
*Julie Ann Modrack
Dianne Sue Moore
Barbara Jeanne Amara Moss
Betty Lou Nelson
Mary Beth Olson
H**Kittie Evelyn Osborn
Barbara Lynn Overholt
Maryellen Paul

- Mernabelle Pease
Janice L. Peterson
Sharon Kay Pobanz
Mary Elizabeth Pocius
Melvin John Rassier, Jr.
Gayle Dawn Redwood
Michael J. Reid
Christine Louise Robinson
*Kathryn Rosinski
Lynne Lorraine Schultz
*Jeannette Donna Schwab
*Susan Mary Seer
*Carol Anne Shell
Patrick George Sheridan
*Beth Sue Shulman
Larry Donald Simpson
Mary Linda Simpson
Karen Diane Somers
*Carolyn T. Stanley
*Beverly Steere
*Linda Emilia Stock
**Cheryl Lynn Streetman
Josette Marie Tanner
Mary Emily Taylor
Roberta M. Tebbets
*Patricia Susan Tindall
Betty Jean Usiak
H**Lynne Marie Varblow
*Janet Odema Vaught
Robert Alan Walker
*Patricia Ann Walton
Linda Jo Warnock
*Margaret Louise Wirth
Elaine Marie Wittler
*Andrea Louise Yokich
**Beverly Frances Yost
Deborah Gorham Zisette

DEGREE OF BACHELOR OF SCIENCE

Health, Physical Education, and Recreation

- Gayle Susan Badley
Gary Charles Boyce
Gregory Truman Bridges
*Michael Thomas Brown
Paul Crosby Christiansen
Christie Ann Cleveland
*William Robert DesJardins
*Darlene Kaye Edlund
*Barry L. Gee

- Michael Philip Hogan
Lynn Cheryl Howat
Mark Loring Maboll
David J. Martin
Kelly Anne McIntyre
Thomas Wayne McLaughlin
Levon Moyé
Robert James Rodenhouse
*Stephen Gerald Salisbury
Karen Emily Schulte
Richard L. Stanley
Deborah Sue Wilhelms

Industrial Arts

- John Ray Brantingham
William Dawson, Jr.
Robert Sanford Fineman
Roger Patrick Hinds
Albert Allen Keen
Harry L. Oldenburg
Jack Patrick Smith
*William Fredrick
Westermann

COLLEGE OF COMMUNICATION ARTS

HERBERT J. OYER, DEAN

DEGREE OF MASTER OF ARTS

Advertising

Darrell Andrew Fecho
Eric Dwight Fischer
Gary Lee Hornbacher
Walter John Thompson

Audiology and

Speech Sciences

Linda Brown
Ann Cleaveland Krebs

Communication

Joseph N. Cappella
John Julian Galloway
Barbara S. Green
Jose Ruben Jara
Joanne B. Rasmussen Knight
Fritz Kramer
Francisco Locsin Llaguno
Josep Rota

Journalism

Donald James Sevensen

Television and Radio

Erik Linn Fitzpatrick
Francis Vincent Hillebrand
Gregory Ofiara
Peter John Osborne
Randall Neale Rosen
Douglas Keith Thompson
Donald Thomas Whitson

DEGREE OF BACHELOR OF ARTS

Advertising

Carol Ann Adams
*Joan Kay Anderson
Mark Charles Anderson
*Nancy Ardeth Becher
*Nancy Sue Brawer
Jeffrey Alan Carpenter
William Benjamin Castanier
Matthew Sherman Eldredge
Mira Joy Hymen
Patricia Lee John
Jeffrey Edward Knoll
Joanne Paula Lilak
Steven Laird MacDonald
Michael Robert Mansour
Kathleen Larve Potts
Clayton B. Rye
James Wendell Saylor
*Thomas Leslie Stewart
Kenneth David Tapley
Claire Vocht
*Daniel Lee Wardlow
Linda Graves Wark
Beverly J. White

Audiology and

Speech Sciences

Peter Renwick LaPine
*Martha E. McAllister
*Nancy J. Orlandoni
*Carol Lynn Thoms

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Communication

*Betty Louise Blaske
*Martha L. Cotton
Michael D. Hughes
*Norma Pruss Kulich
H* Michael Patrick McReynolds
Ronald Radke
Bruce Craig Zindel

Journalism

*Phillip E. Allen
Charles Cornelius Cain, IV
Michael Richard Cassidy
Larry L. Conn
*Janice Margaret Fromm
Russell Gary Garrison
James Elton Kenyon
April Suzanne Kornmiller
Leslie John Lee
*Paul Douglas Ley
Larry Randall Limberg
H* Deborah Ann Moore
H* Maureen Patricia Murray
Christine M. Peregrin
Robert L. Schlosser
Lawrence L. Shelander, Jr.
H* Linda Edith Werfelman

Television and Radio

Douglas Larry Darling
James Benjamin Dillard
Michael Gene Dinkins

Thomas Avery Griffith, Jr.
J. Stephen Harms
Judith Elizabeth Herrbach
James George Hopper
*Dennis Carl Kneer
*Wanda May Law
*Arthur James Marquis
*R. Paul McConaughy
Douglas Edward Metz
Stanley Edward Need
Charles Frederick Norton
*Alice Irene Pifer
George B. Robson
*Deborah Lynn Shank
Mary Jean Struble
Shelley Ardana Watts

DEGREE RECOMMENDED
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Audiology and

Speech Sciences

Deborah Ann Blanton
*Sherri Lynn Clixby

Communication

*Henry George Schultz
**Karen Koritz Tilden
H** Patricia Ann Wilson

COLLEGE OF ARTS AND LETTERS

RICHARD E. SULLIVAN, DEAN

DEGREE OF MASTER OF ARTS

Art History

Thalia Marie Forist
Ann Stewart Howard

Art Practice

Harry Stephen Helderman

English

Adnan Mohamed Tahir
Alkhalidi
William Elliot Thompson
Richard Paul VanDeWeghe

English-Secondary School

Teaching

Sally Jo Elliott

French

Paula Micholet Rabalais

History

Virginia Ann Eddy
Ronald Earl Goldsmith
Dale Susan Meltzer
Joseph Maddrey Minton, Jr.
Kenneth Michael Nielsen
William Tower Powell
Elinor J. Renner
Roberta Ann Stankiewicz
Mary Catherine Sweeney
Douglas Starr Taylor

History-Secondary School

Teaching

Margaret Mary Faget

Linguistics

William Carl Server

Philosophy

Leon Howard Brody
Donald James Fermoye
John Huston Harris

Russian

Donna Lara Zakoworotny

DEGREE OF MASTER OF MUSIC

Applied Music

Linda Lois Bartley
Hyo Myung Kim

DEGREE OF BACHELOR OF ARTS

American Studies

H**Dennis Richard Pace

Art History

**Thalia Marie Forist
Joanne Ivey

Art Practice

Paul M. Keltner
Mary Jo Maffesoli
Paul E. Matheson
Barbara Schiefer Metcalfe
Elizabeth Anne Rasmusson
Stephen Neal Sussman

English

Daniel Walter Babcock
William Walter Babcock
Ellen Christine Cassidy
Barry Alan Crites
Sibylla Lyle de Haan
*Lawrence Crawford Glueck
H**Mary Marta Heise
H**Nancy Ann Hennigar
**James F. Hoefflinger
*David Peter Hohendorf
*Charles Jay Horsley
William Michael Mechanic
*Cathy Anne Miller

Edward Michael Moynihan

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Patricia F. O'Connor

*Sandra May Pollock

*Daniel Owen Reeves

Deborah Lynn Scott

H**Lynn Orilla Scott

H**Robert Bruce Stevenson

Matthew Charles Willey

Pamela Susan Yager

French

Darlene Kay Hawes
Linda Ann Parker

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German

H**Martha Marie Maxwell
H**Sarah Lynn Vaninger

History

H**James Gorton Bullard
H**Martha Jean Hoffman
H**Debra J. Kaul
H**Brian Griffin Kennedy
H**Kathryn Ann Lincoln
*Charles James Martin
**Mark Anson Mills
**Paul William Wreford

Humanities

Nancy Carol Bicknell
*Chérie Lee Miller
Donald Charles Morrison
*Linda Trombley Stubbs

Humanities-Prelaw

*Rosendo Asevedo, Jr.

Philosophy

Gerald Francis Chamberland
*Benjamin De Wit
*Patricia Ellen Hines
H*Edward Ivan Krakiwskyj
Shirley Nordhaus

Spanish

*Sandra Kay Ariza
*Mario Jose Naranjo
**Paul Arthur Winter

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Art Practice

Elaine Lenore Angstman
Sherry Parmater Boucher
*Delores Ann Brownlee
Kristina Ann Freeman
Beverly Jean Goodman
Sally JoAnne Leach
Leslie Alice Perkins

English

*Paul Richard Anderegg
Elaine Marie Baker
*Mary Therese Baker
Danny R. Barber
Deborah Kay Bayer
Mary E. Esterline
*Vicki Ann Jacobs
H**Barbara Faye Jacobvitz
Molly Marie Larson
H**Janis Elizabeth Laskar
Cheryl Beatrice Markell
*Patricia Ann Plough
*Kerry Anne Ridolfi
Daniel Thomas Ruth

Donna Howell Scott
Jane Lynne Tellerico
H*Nancy Saylor Weycker

French

*Suzanne Jeannette Dufresne
**Jean Mary Kempter
David Lauren Walters

German

H*Charles H. Brown, Jr.
*Marie Ruth Dittmar

History

John Stanley Biernat
Donald Earl Chastain
John Anthony Dack
Z. Dianne Hubbard
Atwood Richardson
McAndrew, III
Victor James Poertner
Carla Marie Randles
Janice Marie Rempala

Spanish

Fred Joseph Brailey
H**Kenneth Edward Ceasar
*Andrea Merle Mitchell
Yvonne Janice Shuttie

Theatre

Jeanette Bopry

DEGREE OF BACHELOR OF FINE ARTS

Art Practice

*Barbara Jo Clark
John V. Dempsey
*Jerry Howard Emrick
*Alain Georges Joyaux
*Joan Frances McFarland
*Deborah Ann Snow
Mark Yashinsky

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Art Practice

*Valerie Jo Baas
*Nancy Joan Kloeckner

Daniel Louis Lisuk
Anne Louise Mulder

DEGREE OF BACHELOR OF MUSIC

Applied Music

H**Emily Elna Burchill

Music Therapy

*Karen Elizabeth Abboud
Margaret Frances Armstrong
Diana Carol Berry
*Barbara Jean Crowe
Pamela Elizabeth Deal
Julianne Karen Hyland
Kristie Lee Johnson

*Barbara Ann Liebig
Diane L. Marino

DEGREE RECOMMENDED
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School Music

**William Lee Berz
*Marianne Eileen Emery
Richard Westlake Harvey
Mary L. Hood

H**Rita Jane Janetzke
Paul Edwin Jaworowicz
*Diane Adell McNeil
*Joy Ann McQuillen
Edgar Martin Struble
VernaJene Vivian Walker

School Music and Music Therapy

Mary Lou Jarrad
Mary Beth Welsh

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RICHARD U. BYERRUM, DEAN

DEGREE OF
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FOR TEACHERS

Chemistry

Lannie A. Fisher

Applied Mathematics

Robert Foster Smith

Biological Sciences

Catherine Diane Caswell
Douglas Harlan Kleinsmith
Douglas Wayne Schmuck
Michael John Sonnenberg

Biophysics

Kathryn Lee Lovell

Botany

Patricia Ann Paulus
Jenny Gin-I Su

Chemistry

James Ronald Baker
Richard Warren Buschmann
Irvin David Crossan
Eugene George Harris

Entomology

Ralph James Gorton

Geology

Nathaniel Reginald
Richardson, Jr.
Eugene Himie Shannon

Mathematics

Daniel Howard DeCelles, Jr.
Sanford Harold Lefkowitz
Antonio Alessandro Magliaro
Steven Richard Mierau
Marvin G. Miller
Roy G. Schriftman

Microbiology

Carolyn Jacobs Merritt
Richard Floyd Strayer
Shang Bosco Wang
Eric Duane Zemper

Physics

Ronald E. Fritz
Allen Henry Koop
Lai Keung Raymond Mok
John Robert Policastro

Physiology

Lindsey James Grandison
Jon M. R. Rawson
David William Samanen

Statistics

Gerald Allan Coffman
Loy Warwick Fitz
Jessica Carol Green
Kanlaya Tantbirojn
Krongkaew
Joyce Ann Newell
Douglas Henry Tepper
Shao-Hsien Tseng

Zoology

Frankie Johnson Brown
John Sterling Nichols
Susan Lee Reimer
Paul August Wennerberg
Aurora Kathy Whitson

DEGREE OF
MASTER
OF SCIENCE

DEGREE OF
BACHELOR
OF ARTS

Mathematics

Ellen Marie Douras
**Ida Vander Poorte
Gianfortune
H*David Murray Solomon

DEGREE RECOMMENDED
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Mathematics

*Jonathan Henderson
La Breche

H**Janet M. Loescher
**Catherine Wood Raup
H*Charles A. Sharp
*Laura Mae Yandall

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DEGREE OF BACHELOR OF SCIENCE

Astrophysics

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Charles Frederick Parker

Biochemistry

Warren Joseph Coon
Jane Frances Costello
H** Jack Raymond Lawler, Jr.
H** William Frederick Taylor

Biological Sciences

Edward William Cole, III
Ben James Hampton
Thomas William MacLean
James Mark Swenson

Botany

H** Russell John Erickson

Chemistry

** Mitch Niewiadowski

Entomology

Kenneth Lamont Green
Forrest William Ravlin
William Perry Sanders

Geology

Ronald Charles Elowski
Jeanne L. Hewitt
Ann Marie Howard

Mathematics

* Jeanette Balmer
Paul Lawrence Bernard
John William Daller

Gary Richard Kasprzyk
H** Allan Gerard Knapp
H** Jenean Marie Lapprich
H** Marjorie Marque
* Sandra Joan Overway

Microbiology

Richard N. Nanes

Nursing

Mary Elizabeth Durant
H** Linda Ann Kratzer
Eleanor Abel Owen

Physical Sciences

Stephen Leonard Mann

Physics

H** William Frederick Filter

Physiology

** Suzanne Marie Konopka

Zoology

Michael Duane Amble
Kastytis Leonas Buitkus
Steven Allen Burger
Frederick Lee Chamberlain
H** Catherine Clara Dormal
Gary Lee Easton
H** Janet Dell Falke
Stanley Morse Hunter
Daniel E. Miller
* Jennifer Barbara Otto
* Daniel Ray Packer
H** John Parnell Passamani
James Arthur Sherman

Mark Alan Smith
Glen Alan Sussman
* Arthur Eric Weir
John Albert Wildie
H** James Lynn Winstanley
* Dennis Tamotsu Yamamoto

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Biological Sciences

H** Patricia Ann Barouski
Maribeth Gientke
John Paul Lee
William Leo Osterman

Chemistry

Richard Alan Rockey

Geology

Donald Bernard Weber

Mathematics

* Margaret Rose Constine
Richard Harvey Czerwinski
* Debra Ann Lelewer
H** Stephen P. Marks
Cathy Sue Rasher
* Mary Ann Schrauben
* Susan Ann Steinberg
* Eleanor Wasyl
H** Allan John Wilke

Physical Sciences

* Janet Susan Daniels
Sandra Marie Parochelli

COLLEGE OF SOCIAL SCIENCE

CLARENCE L. WINDER, DEAN

DEGREE OF MASTER OF ARTS

Anthropology

Laura Jane Barwicke

Geography

Peter Nelson Gibson
Gloria J. Hecht
Pondexter Hobdy, Jr.
Ruhaw Lay
Richard Warren Welch

Political Science

Joseph James Barnard
Patricia Anne Conlin
John Frederick Strough, Jr.

Psychology

Ellyn S. Bader
Charlene Mary Callahan
Lesley Dargin
Fred Fallik
Janice Oppenheim Fisher
Marc Gershowitz
Robert Jay Green
Cynthia Louise Haas
Grey Richard Larison
Keith Edward Lyon
Josephine Pottinger
Alida Diane Quick
Kenneth Lowell Salzman
David Morris Schnarch
Harold S. Steinitz

Marta Teresa Suplicy
Linda Mary Walker
James Karl Walters
Joseph R. Webber
Nancy Katherine Wowkanech

Social Science

Joel Cavazos
Roger Allan Gross
Eleanor M. Haviland
Deborah Jean Mackson

Sociology

Gail Wingard Sciamanna
Dorothy Warner Trebilcock
Clark Eldridge White

DEGREE OF MASTER OF LABOR AND INDUSTRIAL RELATIONS

Jay Albert Livey

Stephen Roderick Robertson

DEGREE OF MASTER OF SCIENCE

Criminal Justice

Ernest Raymond Garcia, Jr.
Francis Clayton Heckaman
Charles Emory Lane

Richard Leonard Putney
William Paul Sams
Ronald Andrew Soltis

Robert Charles Spratt
Arkorn Tulardilok
Joseph Alfred Wittebols

DEGREE OF MASTER OF SOCIAL WORK

John Leslie McDonald

COLLEGE OF SOCIAL SCIENCE

Anthropology

- *Linda K. Baum
- Deborah Jane Degerness
- *Nancy Ruth Grable
- Christine Michele Laursen
- Dennis W. O'Dell
- Neil Campbell Skinner

Geography

Richard William Thrams

Political Science

- Michael Vern Benedict
- David Raymond Elston
- H**William Walder Jacobs
- Wallace Murphy, Jr.
- Kathleen J. Pavlic
- R. Stephen Purdy
- Andrew Michael Rheude
- Paul Martin Stevens
- *Alexander Henry Teliak
- Harry Lee Weston

Psychology

- H**Leslie Ann Caddy
- **Elaine Clark
- Carol Anne Dixon
- *Michael Anthony Dojka
- Nancy Grace Duggan
- Ronald Raymond Fielhauer
- H**Cathrine B. Frank
- *Linda Christine Fretz
- **Jean M. Garratt
- Gay Martin Gilbert
- H**Jon M. Gilreath
- Mary Louise Gotch
- Suzanne Sherry Gust
- Elena George Hanzakos
- Lynn Lanore Hassenzahl
- Joan Carol Jay
- **Richard Leon Juntunen
- Jean Marie Lantzer
- Betty Jean Lee
- Peter John Maddalena
- Susan Maynard
- Ann-Marie Melling
- H**Sarah Jane Norris
- **Monica Susan Olsen
- H**Timothy Lynn Owens
- Stephen Lee Putney
- *Karen Michelle Raquet
- H**Kay Ann Richter
- H**Judith Ellen Sewell
- Dennis Keith VanLinder

Social Science

- H**George Jay Bell
- *Thomas Charles Bernier

Richard Zachary Berris
Mark Edward Blask
Michael Sander Blinder
Janice Frances Bologna
Janice Marie Bonkosky
Thomas Raymond Bugbee

- H*Susan Eddy Carroll
- Joseph T. Ciupa
- Richard A. Claeys
- Lauri Beth Coopersmith
- William Paul Courtright
- Curtis A. Cutler

- H**Diane L. Destefanis
- Sherrie Sue Duncan
- David Fredrick Ekelman
- Yvonne Ann Fillion
- Richard William Fulton
- Catherine Lynn Gibson
- Scott Keith Hanson
- John Parker Hayden
- Frederick Hans Heller
- Michael Joseph Henley
- Richard Dorr Holmes
- Sandra Kay Jessen
- Steven David Kaufman
- Christine Lee Kennaday
- Katherine Kourtjian
- William James Kovack
- Gary James Lehman
- Patricia Ann Lloyd
- Janice Margaret Malone
- Timothy Ellis McDaniel
- H**Patricia Ann McIver
- *Maureen Ann McKenney
- Patricia Ann Metzger
- Terrence Philip Miller
- Anthony Louis Molnar
- William Robert Nienhuis
- Mary Therese Northrop
- Monica Anne Norton
- *Thomas Michael Occhipinti
- Alice Anne Peacock
- Clarence C. Perkins
- James Edwin Pletz
- *Diane Marie Rapin
- *Melvin John Rassier, Jr.
- *Ruth Sylvia Rokeach
- *Douglas James Ruddick
- Timothy Lawrence Ruppel
- Michael J. Ryan
- *Stephen Andrew Seman
- *David George Sherwood
- Kay Ann Siegrist
- Phillip Paul Sitter
- Cheryl Joan Smoker
- *Robert Anthony Thorndill
- *Mary Eileen Tiedgen
- Jose Francisco Trevino
- Lurena Gerlayne Walters
- Charles Wyeth Will

- H**Terry Alan Zitek

Social Work

- Jeffrey L. Angstman
- Mark Alan Bell
- *Ruth Ann Bogart
- *Kathleen Anne Brennan
- *Susan Jane Celentino
- *Ellen Lorraine Dale
- Carolyn Denice Folson
- Susan Kaye Fralick
- Jean Marie Gulliver
- Marcia Elaine Harris
- Katherine Elizabeth Head
- *Gertrude Kristl
- *Judith K. Lewis
- Roberta Charlene Love
- *Audrey Jeannette Malling
- Donna Janelle McCoon
- *Wendy Lynn McLeod
- *Eloise Carolyn Mjovig
- *Linda Paulette Quinn
- *Janice Coleen Rowland
- *Thomas Russell Townsend
- *Caryn Ruth VanderVeen
- Donald J. Walter
- Penny J. Weaver
- Deborah Ellen Wentz

Sociology

- *Elizabeth Ann Corpt
- Richard R. Crittenden
- James William Cross, Jr.
- Jeannine L. Dorsey
- *Kathy Rae Fagerberg
- Clinton Fort
- Lucille A. Johnson
- Maija Kupsis
- Robert Bernard Lawton
- Karen Helene Lindabury
- Constance J. Manley
- Marion Theresa Owen

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Geography

JoAnne Beard

Social Science

- Karen Tucker Balfe
- *Margaret Anne Calvey
- Judith Lee Chapman
- H**Jill Andrea Elliot
- Kathleen Ann Heltunen
- *Robert Lewis Pomeroy
- Harold Vernon Richmond
- *Laurie Ellen Simmons
- *William Neal Tilchin
- Elizabeth Lou Warden

DEGREE OF
BACHELOR
OF ARTS

DEGREE OF
BACHELOR
OF SCIENCE

Anthropology

- Paul Russell Bellant
- James Edward Hain
- H**David Lee Hinkamp
- *Daniel Steven Taryane

Criminal Justice

Gerald Gail Blomquist
Jean Nannette Brock
Dorothy Kay Brown
Wayne Richard Carlson

- Linda Joy Carol
- *George Edward
- Checksfield, Jr.
- Kathy Jean Clark
- Thomas Charles Clickner

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DEGREE OF BACHELOR OF SCIENCE

Criminal Justice (Continued)

Thomas Stanley Crane
 Anthony Edward Curmi
 Daniel Charles Duncan
 *Sandra Lee Eagle
 *Douglas Gary Erickson
 J. Michael Fajman
 Michael Edward Finn
 Corajeann Ann Free
 Alan Charles Frye
 Frederick G. Gibbs
 Donna Sue Bergeron
 *Brian Norman Goldsworthy
 *Harold James Grasman
 *Dennis Frank Green
 Gary Alan Guiles
 Chié Momoye Handy
 Wesley Herbert Hoes
 *Eileen Catherine Hogan
 Peter Murray Hutchison
 Michael Matthew Jeffes
 James S. Johnson
 Dianne Kaye Kenyon
 Jeffrey Arthur Kersjes
 **James Charles LaMacchia, II
 Dannie Sterling Lewis
 Shirley Ann Ludwig
 Phillip Leonard Mainstone
 Dene Phillip Marsh
 Cornelius Michael McCarthy
 *Mary Kathryn Miles
 *Diane J. Miller
 Richard James Miller
 *Roger Lloyd Nichols
 Dennis Adelbert Niemiec
 *Ronald George Paige
 *Suzanne Dolores Paulson
 H*Carl Thomas Pendell
 *Robert Floyd Potvin
 Earl Edwin Powell
 Yvonne Le Powell
 James Jean Pierre Quinn
 Janice Alice Reynolds
 Joseph Edward Risdon, Jr.
 Vincent James Rocchio
 *Philip Louis Scheuerman
 Bruce Ernest Schmitt
 Glenn Michael Schultz
 Robert Arthur Schumann
 *Timothy John Shanley
 Kevin Patrick Slattery
 H**Christine Marie Smith
 Sylvester Stephens
 **Randall Murrell Stingel
 Chester Alexander Thompson
 *James J. Tomaszewski
 Robert Clayton Updyke
 George A. Vandercook, Jr.
 Jean Marie Veide
 Jeri Michael Villeneuve
 H**Barbara Jane Vogt
 Dennis Richard Warren
 *Philip C. Way
 Nicholas Jule Westra
 *Linda Joy Wiltjer
 James Phillip Yates

Landscape Architecture

William Robert Need
 Rodger Clifton Whitener

Psychology

Patrick Kieth Ackles
 *Mary Agnes Bechill
 Stephen Arthur Bergeron
 James Edward Berry
 H**Catherine Therese Best
 Joanne Martha Byloff
 **Mark Anthony Cristini
 **James William Crowl
 *William Mack Doyle
 H*Neil Daniel Ferstle
 H**Barbara Josephine Fisher
 Jane Alice Fisher
 *Dennis James Glandon
 *Albert Edward Glass, Jr.
 Ronald Leslie Harris
 Karen Dee Harvey
 **Paul Lehman Herring
 *Kristin Ann Hilbert
 Gregory David Ingles
 H*Mark Jay Kaminsky
 **Thomas Scott Krabacher
 Randall Clifford Lang
 David Harry Marin
 John Daniel McClary
 *Louis N. Milstein
 H**John Michael Palen
 *Stanley B. Pohl
 H**Barbara Esther Roth
 *Paul Sciantarelli
 Allen G. Scott
 Christine Mary Smith
 Glenn Jefferson Spaulding
 H**Daniel Campbell Susott
 Dennis Philip Terry
 Douglas Edward Thompson
 Gene F. Turney
 H**Debra Lee Walleit
 Lynn Eugene Wark
 *Sondra Kay Waters
 H**Kristine Marie Williams
 Dale Edward Wotring

Social Science

Larry Wayne Aldrich
 Ryan Duncan Bagby
 Thomas Morris Baggelman
 Clinton Alan Beebe
 Edward Michael Belles
 H**Steve Wilson Bensko
 Robert Alan Billups
 Harold Edward Buckner
 Marvin George Burk
 Thomas Marr Connell, II
 *Steven Edward Crocker
 James H. Dunlap
 Paul William Eberhart
 Gregory Leonard Eberly

Robert Wayne Eckner
 Richard Lang Edwards
 Mary Margaret Engel
 Robert Thomas Fox
 Thomas Meredith Fretz
 Theresa Ann Ganaway
 Jack Clifford Heidenreich
 James Charles Howard
 Frederic George Hulce
 **Paul O. Kingstrom
 Thomas Sutton Lees
 James Fredrick Lukas
 Michael Jeffrey Meeske
 Michael Lee Mitchell
 **Joan Elizabeth Moore
 *Patrick Michael O'Brien
 Mark Kenneth Olson
 *Richard Gary Partrich
 Stanley Albert Price
 Gary Lee Randall
 *Edward Bruce Rebmam
 Walter Bruce Remington, II
 *Steven Loren Ringler
 Douglas Richard Schedeler
 Clarence George Schwab
 Walter E. Scott, III
 Michael Joseph Sepic
 Carl Craig Silver
 H**Keith Eugene Stanley
 Peter Jay Stevens
 P. Douglas Torbico
 Karl Francis Twyman
 H**Jane Van Gelder
 Daniel Lee Werner
 *Donald Edward Weston

Sociology

James Woodard Crissman
 Claudia A. Fattore
 Betty A. Kennedy

Urban Planning

*Thomas King Bird
 Louis Cornelious Smith, Jr.
 Cheryl Rose Vecchio
 H**Linda Kay Zygadlo

DEGREE RECOMMENDED
 JOINTLY WITH THE
 COLLEGE OF EDUCATION

Geography

Earl Warner Friese, Jr.

Social Science

Ronald Scott Corlew
 William Carl Dunkel
 *Joseph Raymond King
 Stephen Joel Marx
 Ronald Byron May
 Robert Ted Orlikowski
 *Charles Steven Pilar

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COLLEGE OF HUMAN MEDICINE

ANDREW D. HUNT, JR., DEAN

DEGREE OF
DOCTOR OF
MEDICINE

Charles Jack Fisher, Jr.
Phillip Harwood Hardy, Jr.
Larry J. Latimore
Jon David Overholt

Michael R. Shier
Allen Stawis
Donald Gregory Weathers

DEGREE OF
MASTER
OF SCIENCE

Clinical Laboratory Science
Vivian Diane Geisland
Helen Wayt Wells

Physiology
Lawrence Raymond Fine

JUSTIN MORRILL COLLEGE

D. GORDON ROHMAN, DEAN

DEGREE OF
BACHELOR
OF ARTS

**Leslie Ann Brill
H**Mary Alice Busby
*David S. Caudill
Leland Scott Cogan
*Whitney Emerson
H**Lynda Ellen Finegold
H**Cynthia Anne Freeland
**Cynthia Dickson Huntington
**Nancella Jones
H*Lucinda Anne Keils

Judith Anne LeClair
*Stuart Charles Lindsay
H*Mary Louise Mendel
*Sandra Jean Peel
Wallace Norman Reese
*Margaret Bruce Roberts
**Virginia Ellen Round
H**Barry Gilbert Siegel
H**Suzanne Helen Vargo
Paula Kay Zolinski

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

**Gail Ann Hohenstein
Ellen Louise Leber
Christiane Hargreaves
Modrack
*Marilyn Ann Petrie
*Ellen Yvonne Radner
H**Susan M. Sanders

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LYMAN BRIGGS COLLEGE

FREDERIC B. DUTTON, DEAN

DEGREE OF
BACHELOR
OF SCIENCE

**Joseph Allen Bayma
*Jason H. Brazee
**Christine Elfa Brown
Dennis H. Burck

*John Thomas Burke
H**Charlotte Ann Harris
Mark Herbert Pedersen

H*Charles Severin
Leonard Rasmussen
Gary Lynn Sharland
H*Glenn Bryant Wengert, Jr.

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JAMES MADISON COLLEGE

ROBERT F. BANKS, DEAN

DEGREE OF
BACHELOR
OF ARTS

**Nathan David Antila
Susan Agatha Dinerstein
MaryAnn Dolan
Bruce Carruthers Dull
H**James William Hoogstra
H**Jane Elizabeth Hoover

Lynn Cheryl Jacobs
*Barbara Ann Kalafut
*Stuart Charles Lindsay
*Bruce Edward Markwardt
H**Emily J. Poriss
Vicki Marie Rush

*Henry David Shorr
H**Randall Shores Smith
*Charlene Marie Snow
**Rena Mae Steinbruck
H*Daniel Robert Stockman
Norman John Wildauer

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RESERVE OFFICERS TRAINING CORPS

The following student has completed his ROTC Education at Michigan State University and has received his commission as a reserve officer of the United States Army in the branch indicated.

MILITARY
SCIENCE

Infantry
Anthony Louis Molnar