



**COMMENCEMENT 1973**  
**MICHIGAN STATE UNIVERSITY**

## THE COMMENCEMENT COMMITTEE

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*Student Representative*

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### DIPLOMAS WILL BE AVAILABLE FOR PICKUP AS FOLLOWS:

Advanced Graduate degrees ....beginning Apr. 2—Room 150 Hannah Administration Building  
Master degrees .....beginning Apr. 9—Room 150 Hannah Administration Building  
Bachelor degrees .....beginning 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>  |
| THE HONORABLE PATRICIA CARRIGAN .....               | <i>Ann Arbor</i>    |
| 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> |

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|---|---------------------|
| 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<br>AND NATURAL RESOURCES ..... | <i>Maize</i>       | COLLEGE OF<br>HUMAN ECOLOGY .....        | <i>Maroon</i>        |
| Forest Products,<br>Forestry, Packaging .....         | <i>Russet</i>      | COLLEGE OF<br>HUMAN MEDICINE .....       | <i>Green</i>         |
| COLLEGE OF ARTS<br>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<br>COLLEGE .....            | <i>Golden Yellow</i> |
| COLLEGE OF<br>BUSINESS .....                          | <i>Drab</i>        | COLLEGE OF<br>NATURAL SCIENCE ...        | <i>Golden Yellow</i> |
| Economics .....                                       | <i>Copper</i>      | Nursing .....                            | <i>Apricot</i>       |
| COLLEGE OF<br>COMMUNICATION ARTS ..                   | <i>Royal Blue</i>  | COLLEGE OF<br>OSTEOPATHIC MEDICINE ..... | <i>Green</i>         |
| Journalism .....                                      | <i>Crimson</i>     | COLLEGE OF<br>SOCIAL SCIENCE .....       | <i>Citron</i>        |
| Speech .....  | <i>Silver Gray</i> | COLLEGE OF<br>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 SCHRIPSEMA, *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  
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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 Edu-  
cation 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 HARAHAH, 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 Bicycloparnesol 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 MALCUIT, 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: Economics 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. Rintelmann, 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 Develop-  
ment 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., Michi-  
gan 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 Uni-  
versity.  
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

Agricultural Economics

Sheng Cheng Chi  
Donald William Gailey  
Nualsri Yiempnat  
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

DEGREE OF  
MASTER  
OF SCIENCE

# 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 Jeltema  
\*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

H Honors College  
\* With Honors  
\*\* With High Honor

# 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 Boorum  
\* 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  
JOINTLY WITH THE  
COLLEGE OF AGRICULTURE  
AND NATURAL RESOURCES

Agricultural Engineering

James Cherry  
\* Calvin John Dyke  
\* Paul Roland Peterson

H Honors College  
\* With Honor  
\*\* With High Honor

# COLLEGE OF HUMAN ECOLOGY

LOIS A. LUND, DEAN

|                                |   |  |  |
|--------------------------------|---|--|--|
| DEGREE OF<br>MASTER<br>OF ARTS | <u>Child Development</u>                                    | <u>Family Economics and<br/>Management</u> | <u>Home Economics Education</u>              |
|                                | Tyra Joy DeCarlo<br>Mary Ann Humbert<br>Lorna Jean Peterson | Lorraine Frances Berce                     | Mary Ellen Gowin                             |
|                                | <u>Clothing and Textiles</u>                                | <u>Family Studies</u>                      | <u>Human Shelter and<br/>Interior Design</u> |
|                                | Claudia Tsuruko Kuba  | Nancy Mary Booth                           | Karen Sue Natrass                            |

|                                   |              |
|-----------------------------------|--------------|
| DEGREE OF<br>MASTER<br>OF SCIENCE | <u>Foods</u> |
|                                   | Marilyn Mook |

|                                  |                                      |
|----------------------------------|--------------------------------------|
| DEGREE OF<br>BACHELOR<br>OF ARTS | <u>Interior Design</u>               |
|                                  | Karen Ashker<br>Ellinor Louise Shank |

|                                     |  |  |  |
|-------------------------------------|--|--|--|
| DEGREE OF<br>BACHELOR<br>OF SCIENCE | <u>Clothing and Textiles</u>   | <u>Dietetics</u>   | <u>Retailing of Clothing<br/>and Textiles</u>  |
|                                     | Karen Jo Ann Diebolt<br>*Jennifer Margaret Isaacson  | H* Dee Ellen Cook<br>Dixie Lee Costea<br>Barbara Ann Smith<br>**Sister Joyce Mary Williams | Barbara Jean Bachtel<br>Jonci Reni Chamberlain<br>*Kathryn Ann Dutmers<br>*Rashelle Ann Kamp<br>Sharon Ann Larned<br>Marsha Gail Loncar<br>Laurel Faye Lovestrom |
|                                     | <u>Consumer-Community<br/>Services</u>   | <u>General Home Economics</u>  | H* Bonnie Jean Marchand<br>Paula Diane Myers<br>*Denise RoAnn Stice<br>*Patricia Pearl Tervo<br>Ann Christine Thomson  |
|                                     | *Frances Anne Basse<br>*Martha Louise Byington<br>Valerie Carter<br>Kathryn Jane Mead<br>Gregory N. Miller<br>Connie Murry<br>Pamela J. Rossi<br>*Phyllis Anita Toles<br>*Uzonwanne Ejidoh Uzoukwu | Kimberly Anne Colman<br>Cheryl Mary Enright<br>Marjorie Elizabeth Harmer                   |  |
|                                     |  | <u>Research in Foods<br/>and Nutrition</u>   |  |
|                                     |  | *Ellen Joy Rand  |  |

H Honors College  
\* With Honors  
\*\* With High Honor

# COLLEGE OF HUMAN ECOLOGY

## DEGREE OF BACHELOR OF SCIENCE

DEGREE RECOMMENDED  
JOINTLY WITH THE  
COLLEGE OF EDUCATION

### 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

\* With Honor  
\*\* With High Honors

# 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 Cribley  
\*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

\* With Honors  
\*\* With High Honor

# 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

DEGREE OF  
BACHELOR  
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

H Honors College  
\* With Honor  
\*\* With High Honors

# COLLEGE OF BUSINESS

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\*\*

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\*\*Stephen Matthews Gladwin

George H. Kibler, III

John Alan Kingma

David William Layhe

Nancy Ellen Meyers

H\*\*Martha Louise Starcher

Risk and Insurance

Susan Petrini Muscella

Tourism

\*Linda Elaine Stout

\*Kathleen Jeanne Towns

\*Jeanne Patricia Witter

Transportation-Distribution

Paul Thomas Rockafellow

DEGREE RECOMMENDED  
JOINTLY WITH THE  
COLLEGE OF EDUCATION

Business Education

Sharon L. Andrews

Maxine Davis

Judith M. Dickinson

Christine Alice Frede

Marcia Ann Stempien

Goodrich

\*Andrea Jean Szymanski

Debra Ann Tesch

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

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\*\* With High Honors

# COLLEGE OF EDUCATION

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  
Barry Allen Polack  
George D. Pommer  
Narong Rakratanakhon  
Enda Mae Randolph

William Martin Rea, III  
Gretchen Dahl Reeves  
Jean Leila Reichmann  
Choon Ji Rhee  
Robert Harry Richardson  
Martha Taylor Roach  
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  
Jack Leroy Swanson  
Helen L. Thompson  
Pantip Thongpricha  
Richard Witton Trethewey  
Uzonwanne Ejidoh Uzoukwu  
Peter Stuart Vander Werf  
Darrell Gene Van Luchene  
Donald R. Vickers, Jr.  
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  
MASTER  
OF ARTS

# COLLEGE OF EDUCATION

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

DEGREE OF  
 BACHELOR  
 OF ARTS

\*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

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

DEGREE OF  
 BACHELOR  
 OF SCIENCE

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

H Honors College  
 \* With Honor  
 \*\* With High Honors

# 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 Sevener

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

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

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  
JOINTLY WITH THE  
COLLEGE OF EDUCATION

Audiology and

Speech Sciences

Deborah Ann Blanton  
\*Sherri Lynn Clixby

Communication

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

Television and Radio

Douglas Larry Darling  
James Benjamin Dillard  
Michael Gene Dinkins

H Honors College  
\* With Honor  
\*\* With High Honor

# 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. Hoeflinger  
\*David Peter Hohendorf  
\*Charles Jay Horsley  
William Michael Mechanic  
\*Cathy Anne Miller

Edward Michael Moynihan  
\*\* Barbara Gay Nelson  
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

H Honors College  
\* With Honor  
\*\* With High Honor

# COLLEGE OF ARTS AND LETTERS

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

DEGREE OF  
 BACHELOR  
 OF ARTS

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

DEGREE RECOMMENDED  
 JOINTLY WITH THE  
 COLLEGE OF EDUCATION

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

DEGREE RECOMMENDED  
 JOINTLY WITH THE  
 COLLEGE OF EDUCATION

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  
 JOINTLY WITH THE  
 COLLEGE OF EDUCATION

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

H Honors College  
 \* With Honor  
 \*\* With High Honor

# COLLEGE OF NATURAL SCIENCE

RICHARD U. BYERRUM, DEAN

DEGREE OF  
MASTER  
OF ARTS  
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  
JOINTLY WITH THE  
COLLEGE OF EDUCATION

Mathematics  
\*Jonathan Henderson  
La Breche

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

H Honors College  
\* With Honor  
\*\* With High Honor

# COLLEGE OF NATURAL SCIENCE

DEGREE OF  
BACHELOR  
OF SCIENCE

Astrophysics  
H\*\* Stephen Frederick Lange  
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

H Honors College  
\* With Honor  
\*\* With High Honor

# 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 Gerlavne Walters
- Charles Wveth 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 Karolyn 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

H Honors College  
\* With Honor  
\*\* With High Honor

# COLLEGE OF SOCIAL SCIENCE

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 Baggleman  
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

H Honors College  
\* With Honor  
\*\* With High Honor

# 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

H Honors College  
\* With Honor  
\*\* With High Honor

# 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.

H Honors College  
◦ With Honor  
◦◦ With High Honor

# 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

H Honors College  
\* With Honor  
\*\* With High Honor

# 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