COMMENCEMENT 1973
MICHIGAN STATE UNIVERSITY
THE COMMENCEMENT COMMITTEE

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KERMIT H. SMITH

ROBERT TAYLOR
Student Representative

GORDON L. THOMAS

DIPLOMAS WILL BE AVAILABLE FOR PICKUP AS FOLLOWS:

Advanced Graduate degrees beginning Dec. 17—Room 150 Hannah Administration Building
Master degrees beginning Dec. 26—Room 150 Hannah Administration Building
Bachelor degrees beginning Jan. 2—Room 50 Hannah Administration Building

Diplomas will be released only to the degree recipients upon presentation of identification. Diplomas not picked up by Jan. 21 will be mailed.
COMMENCEMENT 1973
Saturday, December 1

University Auditorium, East Lansing
Conferral of Graduate Degrees, 10 A.M.
Conferral of Baccalaureate Degrees, 3 P.M.
Michigan State University operates under the jurisdiction of a constitutional body known as the Board of Trustees. The eight elected members serve eight-year terms. Two are elected biennially from the state at large.

The President of the University is appointed by the Board and is by constitutional provision the presiding member of the body.

The Board likewise appoints a Secretary and a Treasurer.

The Board has general supervision of the University and the control and direction of all expenditures of University funds.

THE HONORABLE FRANK MERRIMAN, Chairman ......................Deckerville
THE HONORABLE PATRICIA CARRIGAN .................................Ann Arbor
THE HONORABLE WARREN M. HUFF ..................................Plymouth
THE HONORABLE BLANCHE MARTIN ..............................East Lansing
THE HONORABLE AUBREY RADCLIFFE ..........................East Lansing
THE HONORABLE JACK STACK ........................................Alma
THE HONORABLE DON STEVENS ..................................Bloomfield Hills
THE HONORABLE KENNETH W. THOMPSON .........................East Lansing

CLIFTON R. WHARTON, JR., Ex Officio, President ......................East Lansing
JACK BRESLIN, Secretary ............................................East Lansing
ROGER WILKINSON, Treasurer ....................................Okemos
ACADEMIC COSTUME

The pageantry and color at commencement exercises reveal a record of academic achievement of the various individuals taking part in the exercises. The following brief description is given so that the audience may more readily interpret such achievement.

In 1895, the Intercollegiate Commission, a group of leading American educators, met at Columbia University to draft a code which would serve to regulate the design of gowns and hoods indicating the various degrees as well as the colors to indicate the various faculties. This code has been adopted by most of the colleges and universities in America and its use has made identification of scholastic honors an immediate activity.

Three types of gowns are indicated by the code. Those worn by the bachelors have long, pointed sleeves. Those worn by masters have long, closed sleeves with the arc of a circle near the bottom. The arm goes through a slit, giving the appearance of short sleeves for the master’s gown. Doctor’s gowns are faced with velvet. The sleeves are full, round and open with three bars of velvet on each sleeve. The velvet facing of bars on the sleeves may be black or the same color as the binding of the hood.

Hoods are made of material identical with the gown and are lined in the official academic color of the institution conferring the degree. If the institution has more than one color, the chevron is used to introduce the second color. Colored velvet or velveteen binds the hoods and indicates the department or faculty to which the degree pertains.

Historical associations of color have been continued to signify the various faculties. Arts and letters can be recognized by the white, taken from the traditional white fur trimming of the Oxford and Cambridge Bachelor of Arts hoods. Red, long traditional of the church, indicates theology. The royal purple of the King’s court signifies law. The green of medicinal herbs immediately identifies a medical degree. Philosophy is signified by the color of wisdom and truth, blue. Because through research untold wealth has been released to the world, science is identified by golden yellow. Oxford pink indicates music, and russet brown, the color of dress worn by ancient English foresters, indicates forestry.

The color of the velvet of the hood is distinctive of the subject to which the degree pertains. For example, the trimming for the degree of Master of Science in Agriculture should be maize, representing agriculture, rather than golden yellow, representing science.

At Michigan State University, it is customary to identify the bachelors graduating from the different departments of study by tassels of the official department color as established by the Intercollegiate Code.

| College of Agriculture and Natural Resources | Maize |
| College of Arts and Letters | White |
| Music | Pink |
| Philosophy | Navy Blue |
| College of Business | Drab |
| Economics | Copper |
| College of Communication Arts | Royal Blue |
| Journalism | Crimson |
| Speech | Silver Gray |
| College of Education | Light Blue |
| College of Engineering | Orange |
| College of Human Ecology | Maroon |
| College of Human Medicine | Green |
| James Madison College | Citron |
| Justin Morrill College | White |
| Lyman Briggs College | Golden Yellow |
| College of Natural Science | Golden Yellow |
| Nursing | Apricot |
| College of Osteopathic Medicine | Green |
| College of Social Science | Citron |
| College of Urban Development | Citron |
| College of Veterinary Medicine | Dark Gray |
ORDER OF CEREMONIES
Graduate Degrees

PROCессIONAL
The MSU Symphonic Band, Dr. Kenneth Bloomquist, Director

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

PRAYER
The Reverend William A. Eddy, Jr.
Rector, All Saints Episcopal Church, East Lansing

COMMENTS
Dr. Andrew D. Hunt
Dean, College of Human Medicine

SPECIAL MUSIC
Fantasy on MSU Songs .......................................................................................................................... Curnow

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 Band and Audience)

PRAYER
Reverend Eddy

RECESSIONAL
The MSU Symphonic Band

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

PROCessional
The MSU Symphonic Band, Dr. Kenneth Bloomquist, Director

America
Smith
(The Band and Audience)

Prayer
The Reverend William A. Eddy, Jr.
Rector, All Saints Episcopal Church, East Lansing

Address
Mrs. Barbara Ward
International Economist

Special Music
Fantasy on MSU Songs
Curnow

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 Band and Audience)

Prayer
Reverend Eddy

Recessional
The MSU Symphonic Band

The audience is requested to remain seated while those in the procession are entering and leaving the auditorium.
Michigan State University, one of the leading land-grant universities and the first agricultural college in America, strives for excellence in affording liberal and practical education for its students in a broad range of human 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 17 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, University College, Urban Development, and Veterinary Medicine. 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 a stimulating academic environment. Each of these nine 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, almost 42,000 students attend the University at East Lansing. About 85 percent are from Michigan; students also come from every state in the nation and 81 foreign countries.
In the land-grant tradition it pioneered, Michigan State University is concerned with research and service as well as teaching. All colleges and the Agricultural Experiment Station are engaged in a wide range of research. Approximately 2,000 individual projects are in process. The University’s research tools include the Control Data 3600 and 6500 computers, a 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.
HONORARY DEGREES

GWEN FROSTIC

As an artist and publisher you have made a unique and enduring contribution to the nation, and especially to the people of Michigan. Despite obstacles which would have thwarted a less courageous spirit, you have applied your unusual talents and energy to develop a widely known and successful arts enterprise. Your meticulously created prints express your own love of nature as well as the tranquil beauty of the Michigan landscape. In their beauty and originality they encourage the enjoyment of nature and speak persuasively for the preservation of our natural resources. In addition, you have given your time and talent unselfishly to civic and cultural projects, especially to the advancement of the arts. Because of your distinctive artistic ability and the dedication with which you have brought beauty and joy into the lives of so many people, Michigan State University is pleased to grant you the degree of Doctor of Fine Arts.

GLENN LAKE

Since your student days at this institution several decades ago, you have attained widespread recognition for your distinguished accomplishments in the dairy industry. Your analytical mind and effective articulation of marketing problems and their solution have given you a unique ability to propose and support progressive programs among dairy cooperatives throughout the nation. Because of your successful leadership, you have been elected to important offices in many national organizations, and you have received appointments from Presidents Kennedy and Nixon to federal agricultural committees. In all of these activities, and during your participation in international dairy conferences in Europe and elsewhere, you have concerned yourself with both the economic problems of the dairy farmer and the nutrition and health interests of the public. Because of the notable part which you have played in the advancement of American agriculture and the welfare of your fellow citizens, Michigan State University is pleased to grant you the degree of Doctor of Agriculture.
In the progress of your outstanding career as a diplomat, educator and author, you have made many contributions to the political and cultural well-being of your fellow men. Your many years of diplomatic service, culminating in your presidency of the General Assembly of the United Nations in 1958-1959, were marked by a deep loyalty to the principles of liberty and human dignity. You have eloquently defended those principles, not only in the deliberations of the United Nations, but in international conferences throughout the world. Your dedication to spiritual values and to the place of theology in human endeavors are expressed in such important roles as President of the World Council of Christian Education and as delegate of the Eastern Orthodox Church to the World Council of Churches General Assembly at Uppsala, Sweden. As a teacher of philosophy at the American University in your native Lebanon, you have demonstrated the enthusiasm, integrity and meaningful interaction with people that identify all your endeavors. Through your writings on the social and religious problems of modern times, you have encouraged men to acquire a new vision and faith in their human destiny. In recognition of your enlightened leadership and your dedication to the enduring values of brotherhood among men, Michigan State University is pleased to grant you the degree of Doctor of Laws.

Your exceptional career as an author, educator and international economist has given you a worldwide reputation. Your clear, incisive style of speaking and writing combines with your extensive knowledge of history and economics to make you a penetrating interpreter of public affairs. Your meticulous scholarship and original insight have illuminated many difficult international problems, especially those which require mutual understanding in the eastern and western worlds. During your years at Cambridge in your native England, at Harvard, and later as Schweitzer Professor of International Economic Development at Columbia University, you acquired an enviable reputation as a provocative teacher with profound learning and much wisdom. In addition to these activities, you have made valuable contributions to civic affairs and to the development of the arts, especially the theater, both in England and America. Because of your remarkable achievements, all of which bear the mark of a humane and compassionate woman dedicated to the highest values of our religious and ethical tradition, Michigan State University is pleased to grant you the degree of Doctor of Laws.
THE CANDIDATES FOR DEGREES

1973 CLASS ROSTER

This includes the names of candidates for degrees as of the close of the 1973 Fall term, as well as the names of the recipients of the Doctoral and Master degrees at the close of the 1973 Summer Term.

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

C. W. MINKEL, ACTING DEAN

DOCTORAL DEGREES—GRADUATED SUMMER TERM, 1973

LUCILLE GERTRUDE ADAIR, Ph.D. B.A., Mary Hardin-Baylor College; M.S., Southern Methodist University.
Zoology. Major Professor: Charles S. Thornton, Professor.
Thesis: Studies on Induced Regression in Larval Ambystoma Limbs.

RALPH H. ALDERMAN, Ph.D. B.S., M.S., Illinois State University.
Geography. Major Professor: Clarence Minkel, Professor.

ABDULJALIL ALI AL-SAIF, Ph.D. B.S., M.S., Michigan State University.
Education. Major Professor: Robert O. Nolan, Professor.
Thesis: An Examination of the Knowledge of Traffic Regulations and Defensive Driving Among a Selected Sample of Saudi Arabian Private Car Owners.

ARTHUR W. ANDERSON, Ph.D. B.S., M.S., Wayne State University.
Education. Major Professor: Paul L. Dressel, Professor.
Thesis: Educational Programs in Business and Industry and Implications for Receiving Credit Toward the External Degree.

L. B. WADE ANDERSON, Jr., Ph.D. B.Sc., M.A., Kansas State Teachers College.
Mathematics. Major Professor: T. Yen, Professor.

ROY MELVIN ANKER, Ph.D. B.A., Hope College; M.A., University of Illinois.
English. Major Professor: Russel B. Nye, Professor.
Thesis: Doubt and Faith in Late Nineteenth Century American Fiction.

MUSTAFA AYDIN, Ph.D. B.A., M.S., State University of New York.
Education. Major Professor: Frederick R. Ignatovich, Associate Professor.
Thesis: Role Expectations and Performance of Turkish Teacher Training School Principals.
SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)

Bruce Scott Babcock, Ph.D.
B.A., M.S., California State College.
Mathematics. Major Professor: Clifford E. Weil, Associate Professor.

William James Bagaria, Ph.D.
B.A., M.S., University of Detroit.
Mechanics. Major Professor: William N. Sharpe, Jr., Associate Professor.

Frederick John Baker, Ph.D.
B.A., Central Michigan University; M.A.T., Antioch-Putney Graduate School.
Education. Major Professor: Clyde M. Claycomb, Assistant Professor.
Thesis: Community Development in Northeast Thailand: A Descriptive Study of Radio Station 909, Sakon Nakorn, as an Educational Vehicle for Change.

Midorl Yamanouchi Banks, Ph.D.
B.S., Tokyo Women's College; B.A., Sophia University; M.A.L.S., University of Michigan; M.A., Michigan State University.
Social Science. Major Professor: Donald W. Olmsted, Professor.

Chain Singh Barla, Ph.D.
B.Com., M.A., University of Rajasthan.
Agricultural Economics. Major Professor: Lester V. Manderscheid, Professor.
Thesis: An Analysis of Cooperative Agricultural Credit Institutions in India: A Case Study of the Primary Credit Societies in Rajasthan.

Emanuel Berman, Ph.D.
B.A., M.A., Tel-Aviv University.
Psychology. Major Professor: Robert A. Zucker, Associate Professor.
Thesis: The Development and Dynamics of Multiple Personality.

Gerald Edward Bernier, Ph.D.
B.E.E., General Motors Institute; M.S.E., University of Michigan.
Electrical Engineering. Major Professor: Robert Barr, Associate Professor.

George Franklin Bishop, Ph.D.
B.S., M.A., Michigan State University.
Psychology. Major Professor: Eugene Jacobson, Professor.
Thesis: Socioeconomic Status Consistency and Political Behavior-Attitude Consistency.

Yvah Daniel Breton, Ph.D.
B.A., M.A., Laval University.
Anthropology. Major Professor: H. Scott Cook, Associate Professor.
HELENE B. BREWER, Ph.D. B.S., College of St. Teresa; M.Ed., Marquette University.
Education. Major Professor: Judith E. Henderson, Associate Professor.
Thesis: An Investigation of the Effects of Science Teaching Methods on the Attitudes of Elementary Education Majors.

ELIZABETH ANN BRIDGE, Ph.D. B.A., M.A., Michigan State University.
Education. Major Professor: Norman R. Stewart, Professor.

ROGER ALAN BROOKS, Ph.D. B.A., University of Michigan; M.A., Michigan State University.
Political Science. Major Professor: Joseph A. Schlesinger, Professor.
Thesis: Scottish Nationalism: Relative Deprivation and Social Mobility.

THOMAS MILLER BROWN, Ph.D. B.S., Adrian College; M.S., Michigan State University.
Entomology. Major Professor: Ronald E. Monroe, Professor.
Thesis: Studies of Prevention of Metamorphosis by Juvenile Hormone in Oncopeltus fasciatus (Dallas).

GERALD CLAYTON BURKE, Ph.D. B.A., Florida A & M University; M.Ed., Florida Atlantic University.
Education. Major Professor: William Fitzgerald, Professor.

DONALD ARTHUR BUSAROW, Ph.D. B.S., Concordia Teachers College; M.M., Cleveland Institute of Music.
Music. Major Professor: Corliss Arnold, Associate Professor.

DONALD CARROLL BUTLER, Ph.D. B.A., M.A., Morehead State College.
Education. Major Professor: Stanley E. Hecker, Professor.
Thesis: An Analysis of the Values and Value Systems Reported by Students, the General Public and Educators in a Selected Appalachian Public School District.

JOHN PAUL BUTT, Ph.D. B.S., M.S., New York State College.
Forestry. Major Professor: Robert J. Marty, Professor.

THOMAS RANDLE BUTTS, Ph.D. B.A., Knox College; M.S., Michigan State University.
Mathematics. Major Professor: Charles R. MacCluer, Associate Professor.

DARIO CABIB, Ph.D. Laurea, University of Pisa.
Physics. Major Professor: Thomas A. Kaplan, Professor.
SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES—GRADUATED SUMMER TERM, 1973 (Continued)

Edward Philip Caffarella, Jr., Ph.D.
B.S., Springfield College; M.Ed., University of Massachusetts.
Education. Major Professor: Paul W. F. Witt, Professor.
Thesis: The Cost-Effectiveness of Instructional Technology: A Propositional Inventory of the Literature.

Joy B. Carter, Ph.D.
B.A., M.A., University of Michigan.
Education. Major Professor: Donald H. Nickerson, Associate Professor.
Thesis: A Study of the Effects of Multi-Grade Grouping on the Attitudes Toward Self, Peers, and School of Selected Third and Fifth Grade Students.

Stephen I. Chazen, Ph.D.
A.B., Rutgers College; M.S., Michigan State University.
Geology. Major Professor: Thomas A. Vogel, Associate Professor.
Thesis: Distribution of Titanium and Phosphorus in Oceanic Basalts as a Test of Origin.

Nelson Theodore Cleary, Ph.D.
B.M., Oberlin College; M.M., Michigan State University.
Music. Major Professor: Robert Sidnell, Professor.

David Michael Clementz, Ph.D.
B.S., University of Arizona; M.S., Purdue University.
Soil Science. Major Professor: Max M. Mortland, Professor.

William Richard Connolly, Ph.D.
B.S., Trinity College; M.A., Michigan State University.
Philosophy. Major Professor: Rhoda H. Kotzin, Professor.

Philip B. Conran, Ph.D.
B.S., D.V.M., University of California.
Pathology. Major Professor: Glenn L. Waxler, Professor.

Lyle Reid Cruickshank, Ph.D.
B.A., Bishop's University.
Education. Major Professor: James L. Page, Professor.

Daniel Edward Della-Giustina, Ph.D.
B.A., M.A., American International College; Ed.S., Michigan State University.
Education. Major Professor: Robert O. Nolan, Professor.

Ruth Evelyn Dennis, Ph.D.
B.S., Lane College; M.A., Michigan State University.
Social Science. Major Professor: Robert F. Lewis, Professor.
ROGER HOWARD DILLO, Ph.D.  
B.S., M.S., Purdue University.  
Education. Major Professor: Floyd G. Parker, Professor.  
Thesis: The Effects of Student Enrollment Size and Sources of Finance on the Position of Assistant to the President in Selected Colleges and Universities in the United States as Perceived by the Incumbents.

ALBERTA MARY DOBBY, Ph.D.  
B.S., University of Nebraska; M.Ed., University of Missouri.  
Home Economics Education. Major Professor: Norma S. Bobbitt, Associate Professor.  

PETER ALFRED DUAL, Ph.D.  
B.S., M.A., Western Michigan University.  
Education. Major Professor: Charles A. Blackman, Professor.  

KAREN GROVER DUFFY, Ph.D.  
B.S., St. Lawrence University; M.A., Michigan State University.  
Psychology. Major Professor: Andrew M. Barclay, Associate Professor.  
Thesis: Overt and Covert Masculinity and Femininity and Trait Anxiety.

DONALD ARTHUR DUNBAR, Ph.D.  
B.S., M.S., Michigan State University.  
Fisheries and Wildlife. Major Professor: Gilbert W. Mouser, Associate Professor.  
Thesis: An Evaluation of the Retail Segment of the Commercial Floriculture Technician Program at Michigan State University.

ROBERT JOHN DUNN, Ph.D.  
B.S., M.A., Michigan State University.  
Education. Major Professor: Dale V. Alam, Associate Professor.  
Thesis: The Supporting Role of an Outside Person Within An Urban Junior High School.

DAVID JAMES DWYER, Ph.D.  
B.A., University of Michigan; M.A., Michigan State University.  
Linguistics. Major Professor: Julia S. Falk, Associate Professor.  

AXEL EHMANN, Ph.D.  
B.S., M.S., University of Toledo.  
Botany and Plant Pathology. Major Professor: Robert S. Bandurski, Professor.  

JOHN AMBROSE FALLON III, Ph.D.  
B.S., Western Michigan University; M.A., Northern Michigan University.  
Education. Major Professor: Howard W. Hickey, Associate Professor.  
Thesis: A Study of the Relationship Between Selected Demographic Variables and the Congruence of Community School Directors’ Perceptions of Black Parent Attitudes Toward Community Education.

ANDREA FARKAS, Ph.D.  
B.A., University of Chicago; M.A., Michigan State University.  
Psychology. Major Professor: Donald Grummon, Professor.  
Thesis: Adaptation of Patients, Siblings, and Mothers to Cystic Fibrosis.
SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)

Carolyn Lewellen Farquhar, Ph.D.
B.S., University of Omaha; M.A., Michigan State University.
Education. Major Professor: George R. Myers, Professor.
Thesis: A Study to Determine the Needs of East Lansing, Michigan Middle School Youngsters from Single-Parent Families in Relation to Their Adjustment in Assuming Their New Roles.

Norbert Anthony Feliss, Ph.D.
B.S., University of Notre Dame; M.S., Michigan State University.
Mechanical Engineering. Major Professors: Mahlon C. Smith, Merle C. Potter, Associate Professors.

Edward L. Frickey, Ph.D.
A.B., Washburn University; M.S., Kansas State Teachers College.
Education. Major Professor: George R. Myers, Professor.
Thesis: A Study of the Relationships Between the Critical Behavior of Teachers, Results of the National Teachers Examination and Selected Socio-Economic Data.

Nicholas Bernard Fridsma, Ph.D.
B.A., Calvin College; M.A., Michigan State University.
Education. Major Professor: Charles E. Henley, Professor.
Thesis: The Role of the School Psychologist in Michigan as Perceived by School Psychologists and Directors of Special Education.

Kenneth Michael Friedman, Ph.D.
B.A., Queens College; M.A., Michigan State University.
Political Science. Major Professor: Rufus P. Browning, Associate Professor.

Jerome Jay Gallagher, Ph.D.
B.S., Michigan State University.
Education. Major Professor: John J. Jordan, Professor.

Geoffrey William Gates, Ph.D.
B.S., M.S., Michigan State University.
Computer Science. Major Professor: Lewis H. Greenberg, Assistant Professor.
Thesis: A Computer System Load Model Based on Cluster Analysis.

Thomas Bert Gilliam, Ph.D.
B.S., Ithaca College; M.A., East Carolina University.
Education. Major Professor: William W. Heusner, Professor.
Thesis: Specific Alterations in Motor Neuron Morphology and Nissl Substance Concentration in the Lower Lumbar Spinal Segments of the Albino Rat Following Selected Chronic Physical Activity.

David P. Goff, Ph.D.
B.S., Pennsylvania State University; M.A., Michigan State University.
Psychology. Major Professor: Charley Hanley, Professor.
Thesis: "Cross-Field" Visual Masking by Tachistoscopic Presentation of Target and Noise Patterns to Opposite Cerebral Hemispheres.

Kenneth Philip Goldberg, Ph.D.
B.A., M.S., New York University.
Mathematics. Major Professor: Glen D. Anderson, Associate Professor.
Thesis: Quasisymmetric Functions and Plane Quasiconformal Mappings.
SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)

Jorge F. Gonzalez-Arce, Ph.D.
B.B.A., Institute of Technology; M.B.A., Tulane University.
Business Administration (Marketing).
Major Professor: Leo G. Erickson, Professor.

Michael Joseph Gordon, Ph.D.
B.A., University of Wisconsin; M.A., Michigan State University.
Education. Major Professor: Lee Shulman, Professor.
Thesis: Heuristic Training for Diagnostic Problem Solving Among
Advanced Medical Students.

Donald Mason Graham, Ph.D.
B.S., Towson State College; M.Ed., University of Maryland.
Education. Major Professor: Richard L. Featherstone, Professor.
Thesis: A Case Study of the Development and Implementation of a
Preschool Program in an Urban Setting.

Richard John Halik, Ph.D.
B.S., Western Michigan University; M.A., Michigan State University.
Education. Major Professor: George R. Myers, Professor.
Thesis: Teacher In-Service Education in the Affective Domain: Outcome
for Teachers and Students.

Fred Helsabeck, Jr., Ph.D.
B.S., Lynchburg College; M.A., University of Missouri.
Psychology. Major Professor: Donald M. Johnson, Professor.

Ronald Lee Heninger, Ph.D.
B.S., M.S., Michigan Technological University.
Forestry. Major Professor: Donald P. White, Professor.
Thesis: Effects of Soil Temperature on Tree Seedling Growth in
Controlled Environments.

Anil Krishnaji Hingwe, Ph.D.
B.E., M.E., University of Poona.
Metallurgy. Major Professor: K. N. Subramanian, Assistant Professor.
Thesis: Duplex Crystals and Two-Phase Bicrystals of Alpha-Beta
Brass-Growth and Mechanical Properties.

Harold Rick Hite, Ph.D.
A.B., Dartmouth College; M.A., John Hopkins University.
Theatre. Major Professor: Frank C. Rutledge, Professor.

Carleton William Hoffman, Ph.D.
B.S., Indiana State College; M.A., Ball State Teachers College.
Education. Major Professor: Louis G. Romano, Professor.
Thesis: A Theoretical Model for Planning and Implementation of
Differentiated Staffing.

John A. Hoogstra, Ph.D.
A.B., Calvin College; M.A., Ed.S., Western Michigan University.
Education. Major Professor: Byron H. VanRoekel, Professor.
Thesis: An Analysis of the Nature of the Reading Comprehension
Act by Means of the Rorschach Inkblot Test and Differential Measures
of Reading Comprehension.

Dorothy Hostetter, Ph.D.
B.M., Eastman School of Music; M.A., Michigan State University.
Psychology. Major Professor: Ellen A. Strommen, Associate Professor.
Thesis: The Function of Instructed Speech in Young Children's Perfor-
mance of a Task Presented by Instructions.
DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)


VIRGIL LOUIS JANUARY, Ph.D. B.S., Purdue University; M.A., Michigan State University. Education. Major Professor: Bob B. Winborn, Professor. Thesis: The Comparative Effects of an Implosive-Like Technique and Group “Rap” Sessions in Training White Counseling Students to be Effective When Counseling with Blacks.

JAMES E. JENNINGS, Ph.D. B.S., Alabama State University; M.A., Michigan State University. Education. Major Professor: James R. Nord, Assistant Professor. Thesis: Perceptual Cognitive Styles and Personality Variables Relating to Students’ Program Changes at An Inner-City Community College.

GRANT LAMAR JENSEN, Ph.D. B.S., Brigham Young University; Ed.M., Oregon State University. Education. Major Professor: Bob B. Winborn, Professor. Thesis: Comparative Effects of Remote and Face-to-Face Supervision in a Competency-Based Counseling Practicum.


ARAKAL C. JOSEPH, Ph.D. B.C., Sacred Heart College; M.C., Andhra University. Business Administration (Marketing). Major Professor: Donald S. Henley, Associate Professor. Thesis: A Study of Consumer Behavior in Response to an Institutional Innovation in Retailing in India.

<table>
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<th>Name</th>
<th>Education</th>
<th>Major Professor</th>
<th>Thesis</th>
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<tr>
<td>Martha Kent, Ph.D.</td>
<td>B.A., M.A., University of Michigan; A.B.D., Indiana University; M.A.,</td>
<td>Lucy R. Ferguson, Professor.</td>
<td>Individual Identity: The Correlates of Perceiving Oneself as Unique or Anonymous.</td>
</tr>
<tr>
<td>Ok Kyun Kim, Ph.D.</td>
<td>B.S., Seoul National University; B.S., M.S., University of Illinois.</td>
<td>Kun-Mu Chen, Professor.</td>
<td>Surface Wave End-Fire Antenna.</td>
</tr>
<tr>
<td>Paik Kee Kim, Ph.D.</td>
<td>B.A., Seoul National University; M.A., Michigan State University.</td>
<td>Kyung W. Kwun, Professor.</td>
<td>PL Involutions on Lens Spaces and Other 3-Manifolds.</td>
</tr>
<tr>
<td>D. Lawrence Kincaid, Ph.D.</td>
<td>B.A., Kansas University; M.A., Michigan State University.</td>
<td>Everett M. Rogers, Professor.</td>
<td>Communication Networks, Locus of Control, and Family Planning Among Migrants to the Periphery of Mexico City.</td>
</tr>
<tr>
<td>Sompop Krairojananan, Ph.D.</td>
<td>B.S.C., M.S.C., Southampton University; M.A.T., Michigan State University.</td>
<td>William M. Fitzgerald, Professor.</td>
<td>The Mathematical Behaviors Derivable from the Program of Unified Science and Mathematics for Elementary Schools.</td>
</tr>
<tr>
<td>Michael Hampton Legg, Ph.D.</td>
<td>B.S., Auburn University; M.S., Michigan State University.</td>
<td>G. Schneider, Associate Professor.</td>
<td>Site Factors Useful in Predicting Deterioration on Forest Campsites in Northern Michigan.</td>
</tr>
</tbody>
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SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES—GRADUATED SUMMER TERM, 1973 (Continued)

BARRY MARSHALL LESTER, Ph.D.
B.A., Boston University; M.A., Michigan State University.
Psychology. Major Professor: Hiram E. Fitzgerald, Associate Professor.
Thesis: Cardiac Habituation to an Auditory Stimulus in Well and Malnourished Infants.

LYCURGUS LYCURGUS LIAROPOULOS, Ph.D.
B.A., Hamilton College; M.A., Michigan State University.
Economics. Major Professor: Mitchell Stengel, Assistant Professor.
Thesis: A Measure of Productive Efficiency with Application in Incentive Reimbursement for Hospital Care.

KAREN RASMUSSEN LOUNSBURY, Ph.D.
B.A., University of Calgary; M.A., Michigan State University.
Psychology. Major Professor: John P. McKinney, Professor.
Thesis: Age Changes in Occupational Prestige: A Perceptual Model.

DELMAR FRANKLIN LOVEJOY, Ed.D.
B.A., Emmanuel Missionary College; M.A., Michigan State University.
Education. Major Professor: Russell J. Kleis, Professor.
Thesis: Assessment of a Remedial English Program for Academically Disadvantaged Young Adults at Western Christian College.

WILLIAM ANTHONY LOVIS, JR., Ph.D.
B.S., New York University; M.A., Michigan State University.
Anthropology. Major Professor: Charles E. Cleland, Professor.
Thesis: Late Woodland Cultural Dynamics in the Northern Lower Peninsula of Michigan.

MALCOLM E. LUND, Ph.D.
B.A., Iowa State Teachers College; M.S., University of Wyoming.
Education. Major Professor: Helen H. Green, Professor.

PAMELA WALSWORTH McALLISTER, Ph.D.
B.S., M.S., Michigan State University.
Zoology. Major Professor: John R. Shaver, Professor.

JAMES MICHAEL MCCORMICK, Ph.D.
B.A., Aquinas College; M.A., Michigan State University.
Political Science. Major Professor: Bruce Bueno de Mesquita, Assistant Professor.

DOUGLAS NELSON McEWEN, Ph.D.
B.S., M.S., Michigan State University.
Forestry. Major Professor: G. Schneider, Associate Professor.
Thesis: Herbaceous Composition and Productivity as Influenced by Canopy Removal in an Oak-Maple Stand.

DELBERT SMITH McHENRY, JR., Ph.D.
B.A., M.S., Central Washington State College.
Psychology. Major Professor: M. Ray Denny, Professor.
Thesis: Odor of Frustration as it Relates to the Number of Reinforced Trials Prior to Frustrative Nonreward.
DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)

JOSEPH M. MEGO, Ph.D.
A.B., University of Illinois; M.A., Columbia University.
Education. Major Professor: Max R. Raines, Professor.
Thesis: A Study of Normative and Emerging Functions of the Community College Development Officer with Implications for Competency Development.

ALBERT R. MEREDITH, Ph.D.
B.A., Grand Rapids Baptist College; M.A., Michigan State University.
History. Major Professor: Thomas Bushell, Associate Professor.

COREEN LOUISE MATT, Ph.D.
B.S., Mankato State College; M.S., Michigan State University.
Mathematics. Major Professor: D. R. Dunninger, Associate Professor.

THOMAS O. MILBRODT, Ph.D.
B.S., Bowling Green State University; M.S., Michigan State University.
Physics. Major Professor: Gerald L. Pollack, Professor.
Thesis: Helium II Film Transfer Rates for Solid Argon Beakers.

JEREMIAH LEWIS MITCHUM, Ph.D.
B.A., University of Tennessee; M.A., Peabody College.
English. Major Professor: Sam S. Baskett, Professor.
Thesis: Henry B. Fuller’s Social and Esthetic Commentary.

MERLYN DATT MONDOL, Ph.D.
B.A., Isabella Thoburn College; M.A., Nizam College; N.Rt., Osmania University.
Education. Major Professor: Lee S. Shulman, Professor.

JULIUS MYERS, Jr., Ph.D.
B.S., Tougaloo College; M.S., Tennessee A. and I. State University.
Education. Major Professor: George B. Myers, Professor.

CHRIS FREDERICK NILSEN, Ph.D.
B.S., Rochester Institute of Technology; M.S., Worcester Polytechnic Institute.
Metallurgy. Major Professor: K. N. Subramanian, Assistant Professor.

KIYOKO KURUSU NITZ, Ph.D.
B.A., International Christian University; M.A., Michigan State University.
Political Science. Major Professor: Baljit Singh, Professor.

DOUGLAS EDWARD NORDHAUS, Ph.D.
B.S., M.S., Michigan State University.
Chemistry. Major Professor: Jack B. Kinsinger, Professor.
SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)


DALE CORWIN PEERBOLTE, Ph.D. B.S., Calvin College; M.S., Michigan State University. Anatomy. Major Professor: Bruce E. Walker, Professor. Thesis: A Radioautographic Study of Lymphocyte Protein Production in Skin Allograft Rejection.


JOYCE HEMMINGSEN PUTNAM, Ph.D. B.S., Central Michigan University; M.A., Michigan State University. Education. Major Professor: Perry E. Lanier, Associate Professor. Thesis: An Investigation of the Composition, Establishment, Transactions, and Outcomes of a Competency Development Team.
DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)


GLEN ALLAN RASMUSSEN, Ph.D.  B.S., Cornell University; M.S., Michigan State University. Zoology. Major Professor: James C. Braddock, Professor. Thesis: A Study of the Feeding Habits of Four Species of Fish, Alosa pseudoharengus, Coregonus hoyi, Perca flavescens, and Osmerus mordax, at Three Sites on Lake Michigan, as Compared to the Zooplankton, Phytoplankton and Water Chemistry of those Sites.

ELIZABETH ROSEMARY REDSTONE, Ph.D.  B.S., University of Colorado; M.A., Michigan State University. Education. Major Professor: Max R. Raines, Professor. Thesis: A Study of the Relationships Between Self-Perceived Involvement in Determining College Policies and Self-Reported Support of those Policies Among Faculty in a Multi-Unit Community College District.


JAMES ALLEN RICE, Ph.D.  B.S., Northern Illinois University; M.S., University of Illinois. Physics. Major Professor: B. H. Wildenthal, Professor. Thesis: A Study of Several Odd-Odd s-d Shell Nuclei via The (p,d) Reaction at 35 MeV.


SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES—GRADUATED SUMMER TERM, 1973 (Continued)


ELIZABETH ANN WALKER SEAGULL, Ph.D. B.S., MA., Michigan State University. Psychology. Major Professor: Bertram P. Karon, Professor. Thesis: An Investigation of Personality Differences Between Women with High and Low Premenstrual Tension.

JAMES L. SHANKER, Ph.D. B.A., University of Michigan. Education. Major Professor: James E. Snoddy, Professor. Thesis: The Attitudes of Black Teachers Toward the Use of Dialect Reading Materials for Beginning Reading Instruction.


E. RALPH SICKMILLER, Ph.D.  A.B., Greenville College; M.A., Eastern Michigan University. Education. Major Professor: Roger C. Niemeyer, Assistant Professor. Thesis: Confidence, Attitude, Desire to Teach, and an Early Clinical Experience.


STEPHEN LEE SNOVER, Ph.D.  B.S., Massachusetts Institute of Technology; M.A.T., Harvard University; M.S., Michigan State University. Mathematics. Major Professor: Leroy M. Kelly, Professor. Thesis: The Uniqueness of the Nordstrom-Robinson and the Golay Binary Codes.


SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)

SPELIOS THEODORE STAMAS, Ph.D.  
B.S., Springfield College; M.Ed., University of Massachusetts.  
Education. Major Professor: Kent L. Gustafson, Associate Professor.  

NORMAN ROBERT STERCHELE, Ph.D.  
B.A., Cornell College; M.A., Michigan State University.  
Education. Major Professor: Charles A. Blackman, Professor.  

FLORENCE BYRD STEVENSON, Ph.D.  
B.A., University of Arkansas; M.A., The Ohio State University.  
Education. Major Professor: Laurine E. Fitzgerald, Professor.  

RODNEY EUGENE STEVENSON, Ph.D.  
B.A., Monmouth College.  
Economics. Major Professor: Harry Trebing, Professor.  
Thesis: Postal Pricing Problems and Production Functions.

BAILEY THOMAS STEWART, Ph.D.  
B.S., West Chester State College; M.Ed., Florida Atlantic University.  
Education. Major Professor: C. Keith Groty, Associate Professor.  

SHELBY STEWMAN, Ph.D.  
B.A., Ouachita Baptist University; M.A., Michigan State University.  
Sociology. Major Professor: Thomas Conner, Associate Professor.  
Thesis: Stochastic Models of System Occupational Mobility.

FREDRICK ARNOLD STRACHE, Ph.D.  
A.B., M.A., University of Kentucky.  
Education. Major Professor: Walter F. Johnson, Professor.  
Thesis: An Analysis of Present and Predicted Student Union Programs and Facilities of Selected Midwestern Public Urban Universities.

LAWRENCE CHUNG LEE SU, Ph.D.  
B.A., Hope College; M.S., University of Notre Dame.  
Biophysics. Major Professor: Dennis R. Heldman, Professor.  

EDUARDO MATARAZZO SUPILICY, Ph.D.  
B.A., Escola de Administracao; M.A., Michigan State University.  
Economics. Major Professor: Mordechai Kreinin, Professor.  
Thesis: The Effects of Minidevaluations on the Brazilian Economy.

CLYDE GEOFFREY SWENSON, Ph.D.  
B.A., M.S., University of Minnesota.  
Agricultural Economics. Major Professor: Robert D. Stevens, Associate Professor.  
Thesis: The Effect of Increases in Rice Production on Employment and Income Distribution in Thanajavur District, South India.
V. Tellis-Nayak, Ph.D.  
L.Ph., Sacred Heart College; L.D., De Nobili College; M.A., Loyola University.  
Sociology. Major Professor: Herbert Karp, Associate Professor.  
Thesis: Caste, Stratification, and Modernization Among Peasants in India.

Robert Barkalow Tholl, Ph.D.  
B.A., San Diego State College; M.A., California State College.  
Education. Major Professor: Norman T. Bell, Professor.  

Timothy Thompson, Ph.D.  
B.A., M.A., St. Louis University.  
Education. Major Professor: John W. Hanson, Professor.  

Gerald Nicholas Tirozzi, Ph.D.  
B.S., M.A., Southern Connecticut State College.  
Education. Major Professor: Howard Hickey, Associate Professor.  

Daniel Francis Tortora, Ph.D.  
B.A., Queens College; M.A., Michigan State University.  
Psychology. Major Professor: M. Ray Denny, Professor.  
Thesis: The Effect of Incentive Size on Response Amplitude During Acquisition and Extinction.

Richard Leon Trimble, Ph.D.  
B.S., University of Missouri; M.S., University of Illinois.  
Agricultural Economics. Major Professor: John R. Brake, Professor.  

Mehmet Yener Tulu, Ph.D.  
Diploma, A. U. Ziraat Fakultesi; M.S., Michigan State University.  
Agricultural Engineering. Major Professor: J. B. Holtman, Associate Professor.  

Thomas Wayne Tunks, Ph.D.  
B.M., M.M., Michigan State University.  
Music. Major Professor: Robert Sidnell, Professor.  

Aydin Mustafa Ulusan, Ph.D.  
B.A., Roberts College; M.A., Michigan State University.  
Economics. Major Professor: Daniel Saks, Assistant Professor.  

William Lloyd VanDeburg, Ph.D.  
B.A., Western Michigan University; M.A., Michigan State University.  
History. Major Professor: Frederick D. Williams, Professor.  
SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)

Lars Vik-Mo, Ph.D.  B.S., Agricultural College of Norway; M.S., Royal Veterinary Academy. Dairy Science. Major Professor: John T. Huber, Professor. Thesis: Abomasal Infusion of Protein and Glucose in Lactating Cows.


Juanita Thomas Whatley, Ph.D.  A.B., Talladega College; M.A., Western Reserve University. Education. Major Professor: Martin Hetherington, Assistant Professor. Thesis: The Development and Relative Effectiveness of Informative and Investigative Modules to Teach Pre-Service Elementary Teachers the Skills Needed to Maintain Living Organisms in the Classroom.


SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1973 (Continued)

Jerome Walter Witherill, Ph.D.
B.S., M.A., Michigan State University.
Education. Major Professor: Robert O. Nolan, Professor.
Thesis. The Feasibility of Using Selected Student Data Bases for the Assessment and Evaluation of Driver Education Programs in the State of Minnesota.

Geoffrey Gilbert Yager, Ph.D.
Education. Major Professor: Bob B. Winborn, Professor.

EDUCATIONAL SPECIALIST DEGREE — GRADUATED SUMMER TERM, 1973

David Gordon Annis, Ed.S.
B.S., Central Michigan University; M.A., Michigan State University.
Education. Major Professor: John H. Suehr, Professor.

Wendy June Balzer, Ed.S.
A.B., Wheaton College; M.A., Michigan State University.
Education. Major Professor: Harvey F. Clarizio, Professor.

Rosemary Shelly Caffarella, Ed.S.
B.A., Springfield College; M.A., Michigan State University.
Education. Major Professor: Russell J. Kleis, Professor.

Ted Michael Cafferty, Ed.S.
B.S., M.A., Eastern Michigan University.
Education. Major Professor: Harvey F. Clarizio, Professor.

David William Devie, Ed.S.
B.S., Central Michigan University; M.A., Eastern Michigan University.
Education. Major Professor: Charles A. Blackman, Professor.

Francine Priscilla Fisher, Ed.S.
B.A., Marygrove College; M.E., Wayne State University.
Education. Major Professor: Lois A. Bader, Associate Professor.

Marcy Ann Hardin, Ed.S.
B.A., Wayne State University; M.A., Michigan State University.
Education. Major Professor: Howard W. Hickey, Associate Professor.

Hazel Dean Henson, Ed.S.
B.S., Wilmington College; M.A., Michigan State University.
Education. Major Professor: Alexander J. Kloster, Associate Professor.

Robert Wayne McNally, Ed.S.
B.S., Western Michigan University; M.A., Michigan State University.
Education. Major Professor: Herbert C. Rudman, Professor.
SCHOOL FOR ADVANCED GRADUATE STUDIES

EDUCATIONAL SPECIALIST DEGREE — GRADUATED SUMMER TERM, 1973 (Continued)


DIPLOMA FOR ADVANCED GRADUATE STUDY — GRADUATED SUMMER TERM, 1973

Charles Francis Conley, Jr., D.A.G.S.  B.S., University of South Carolina; M.A., Arizona State University. Statistics. Major Professor: Habib Salehi, Professor.

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973


FRANCIS ADALBERTO BERNIER, Ph.D.  B.A., Michigan State University; M.A., Western Michigan University.  Education. Major Professor: Laurine E. Fitzgerald, Professor.  Thesis: The Presidents of the Faculty Collective Bargaining Units in United States Institutions of Higher Education.
KENNETH MICHAEL BERTRAM, Ph.D.
B.S., Fordham University; M.B.A., Michigan State University.
Business Administration (Marketing). Major Professor: Richard J. Lewis, Professor.

THIRAPHAN BHUKASWAN, Ph.D.
B.S., Kasetsart University; M.S., Michigan State University.
Fisheries and Wildlife. Major Professor: Peter I. Tack, Professor.
Thesis: Reservoir Ecology and Fishery Management, A Literature Review and Application to Ubolratana Reservoir, Thailand.

MARK ALLAN BIEBER, Ph.D.
B.S., University of Pittsburgh.
Biochemistry. Major Professor: Charles C. Sweeley, Professor.
Thesis: Studies on the Biochemistry of Juvenile Hormone and Other Insect Lipids.

FRANCIS SANDER BLOM, Ph.D.
A.B., Calvin College; M.A., Michigan State University.
Education. Major Professor: Dale V. Alam, Associate Professor.
Thesis: The Rationale for, Creation, Development, and Evaluation of Alternative Learning Environments Within the Public Schools with Special Emphasis on the Open-Informal Classroom.

THOMAS LEE BOWMAN, Ph.D.
B.A., College of Wooster.
Chemistry. Major Professor: Eugene LeGoff, Associate Professor.

DANNY G. BRITT, Ph.D.
B.S., Western Kentucky University; M.S., Michigan State University.
Dairy Science and Institute of Nutrition. Major Professor: John T. Huber, Professor.

DUANE RUSSELL BROWN, Ph.D.
Education. Major Professor: Russell J. Kleis, Professor.

JOSEPH ALEXANDER CAMERON, Ph.D.
B.S., Tennessee State University; M.S., Texas Southern University.
Zoology. Major Professor: Evelyn M. Rivera, Professor.

JOHN CHARLES CATAU, Ph.D.
B.S., Frostburg State College; M.A., Bowling Green State University.
Geography. Major Professor: Stanley W. Brunn, Associate Professor.
CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)


Albert Chung-Ho Chou, Ph.D.  B.S., National Taiwan University; M.S., West Virginia University. Biochemistry. Major Professor: John E. Wilson, Associate Professor. Thesis: Purification and Characterization of Rat Brain Hexokinase.


Larry Wayne Christensen, Ph.D.  B.S., Lewis and Clark College. Zoology. Major Professor: Lynwood G. Clemens, Associate Professor. Thesis: Neural-biochemical Control of Masculine Sexual Behavior in the Laboratory Rat (*Rattus Norvegicus*).


CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)

William Clark Crothers, Ph.D.
B.A., University of Michigan; M.B.A., Western Michigan University.
Education. Major Professor: Walter F. Johnson, Professor.
Thesis: A Multiple Correlation and Regression Analysis Comparing
Faculty Activity Survey With Other Methodologies for Allocating
Costs to Courses.

Neil H. Cullen, Ph.D.
B.A., University of Rochester; M.A., Cornell University.
Education. Major Professor: Walter F. Johnson, Professor.
Thesis: Written Evaluation at Justin Morrill College: Implementing
an Organizational Innovation.

Tapan K. Datta, Ph.D.
B.E., Bengal Engineering College; M.S., Wayne State University.
Civil Engineering. Major Professor: William C. Taylor, Professor.
Thesis: Development of a General Purpose Simulation Model for

Nancy Lee Davidson, Ph.D.
B.A., University of Michigan; M.A., Michigan State University.
Psychology. Major Professor: Hiram E. Fitzgerald, Associate Professor.
Thesis: Pacification in Infants as a Function of the Agent and Preference
for Tactile Stimulation.

Mary Ann Diller, Ph.D.
A.B., MacMurray College; M.A., University of Illinois.
Education. Major Professor: Russell J. Kleis, Professor.
Thesis: Individual and Social Benefits of Federally Supported Conti­
nuing Education.

Elizabeth Archer Dodson, Ph.D.
B.A., Swarthmore College; M.A., University of Pennsylvania.
Education. Major Professor: Norman R. Stewart, Professor.
Thesis: The Effects of Female Role Models on Occupational Explora­
tion and Attitudes of Adolescents.

Francis Martin Domoy, Ph.D.
B.A., M.A., State University of New York.
Resource Development. Major Professor: Daniel E. Chappelle, Pro­
fessor.
Thesis: Outdoor Recreational Land Use Selection Model.

David Wallace Dunlop, Ph.D.
B.S., University of California; M.A., Michigan State University.
Economics. Major Professor: John P. Henderson, Professor.
Thesis: The Economics of Uganda’s Health Service System: Implica­
tions for Health and Economic Planning.

Lonnie Calvin Eiland, Jr., Ph.D.
B.S., Alcorn A & M College; M.S., Atlanta University.
Zoology. Major Professor: Charles S. Thornton, Professor.
Thesis: The Relation of Nerves to Multiple Regeneration in a Single
Newt Limb.

James Michael Falvey, Ph.D.
B.A., Williams College.
Economics. Major Professor: Bruce T. Allen, Assistant Professor.
Thesis: The Adjustment of Electric Power Generation to Alternative
SO_2 Standards: A Case Study in Environmental Protection Regulation.
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)

Psychology. Major Professor: George W. Fairweather, Professor.
Thesis: The Role of Telephonic Consultations in Creating Innovation Adoption in Health Organization.

GORDON EVERETTE FERGUSON, Ph.D. B.S., North Dakota State College; M.S., University of Minnesota.
Education. Major Professor: H. Paul Sweany, Professor.
Thesis: Perceived Importance of Identified Competencies as a Basis for Developing Educational Programs in Small, Rural Agribusiness Management.

DOUGLAS BRIAN FONNER, Ph.D. B.S., M.S., Michigan State University.
Physiology. Major Professor: Jack R. Hoffert, Associate Professor.

SHIRLEY TIGHE FRANK, Ph.D. B.S., College of St. Teresa.
Psychology. Major Professor: Dozier Thornton, Associate Professor.

LEWIS FRIEDMAN, Ph.D. B.A., Hunter College; M.A., Michigan State University.
Political Science. Major Professor: O. Charles Press, Professor.

CLYDE CHARLES GEHRIG, Ph.D. B.D., Trinity College; M.S.W., Lovola University.
Social Science. Major Professor: Lucille K. Barber, Professor.

CHRISTOPHER DAVID GILBERT, Ph.D. B.A., University of California; M.A., Michigan State University.
Psychology. Major Professor: David Wessel, Assistant Professor.

DONALD MERLE GRAGG, Ph.D. B.A., Willamette University; M.D.C.M., McGill University; M.A., U.S. International University.
Education. Major Professor: Walter F. Johnson, Professor.
Thesis: The Teaching of Adult Ambulatory Patient Care in U.S. Medical Schools: Characteristics of Programs.

DONALD CHARLES GRAVES, Ph.D. B.S., St. John’s University; M.S., North Dakota State University.
Microbiology and Public Health. Major Professor: Leland Velicer, Assistant Professor.
Thesis: Separation and Analysis of Proteins From Feline Leukemia Virus.

Education. Major Professor: Carl H. Gross, Professor.
Thesis: The Constitutional and Legal Development of the State Board of Education as the Central Education Agency in Michigan.
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)

MARK ALBERT HECTOR, Ph.D.
A.B., Albion College; M.A., Michigan State University.
Education. Major Professor: Bob B. Winborn, Professor.
Thesis: Evaluation of an Instructional Model for Teaching Counselor Trainees How to Establish Behavioral Objectives in Counseling.

JOHN DANIEL HELM III, Ph.D.
B.S., Davidson College; M.A., North Carolina State University.
Zoology. Major Professor: Rollin H. Baker, Professor.
Thesis: Reproductive Biology of Tyomys and Ototylomys.

EDWARD OSCAR HENRY, Ph.D.
B.S., General Motors Institute; M.A., Michigan State University.
Anthropology. Major Professor: Charles Morrison, Associate Professor.

ELLEN HEYTING, Ph.D.
M.A., Michigan State University.
Education. Major Professor: Ruth Hill Useem, Professor.

JAMES HOWARD HIGHTOWER, Ph.D.
B.S., Edward Waters College; M.A., Michigan State University.
Education. Major Professor: John E. Jordan, Professor.
Thesis: Relationships of the Minnesota Multiphasic Personality Inventory and the Bipolar Psychological Inventory to Each Other and to Incarcerated Heroin Addicts.

JOHN PHILIP HOLDEN, Ph.D.
B.A., Monmouth College; M.S., University of Pennsylvania.
Education. Major Professor: William E. Sweetland, Professor.
Thesis: A Study of the Effects of Biologically Relevant Physics Textual Material on Student Attitudes and Achievement in Physics 231 at Western Kentucky University.

DAVID JUAN HOUSTON, JR., Ph.D.
B.S., Fort Valley State College; M.A., New Mexico State University.
Education. Major Professor: O. Donald Meaders, Professor.
Thesis: Occupational Adjustments and Selected Characteristics of Rural People Migrating to and From Urban Areas.

PING-CHUAN HU, Ph.D.
B.A., National Taiwan Normal; M.S., Northwestern State College of Louisiana.
Microbiology and Public Health. Major Professor: Robert N. Brubaker, Associate Professor.

JANE NETTING HUFF, Ph.D.
B.A., Antioch College; M.S., Michigan State University.
Zoology. Major Professor: John King, Professor.

HAROLD ARTHUR HUGHES, Ph.D.
B.S., Michigan State University; M.S., University of Arizona.
Agricultural Engineering. Major Professor: Chester J. Mackson, Professor.
EUGENE ALEXIS IMHOFF, JR., Ph.D.  
B.A., M.B.A., Western Michigan University.  
Business Administration (Accounting). Major Professor: Roland F.  
Salmonson, Professor.  
Thesis: An Empirical Examination of Income Manipulation.

GERALD LYNN INGALLS, Ph.D.  
B.A., University of Southwestern Louisiana; M.A., University of Florida.  
Geography. Major Professor: Stanley D. Brunn, Associate Professor.  
Thesis: Spatial Change in Post-War Southern Republican Voting  
Responses.

TARAFDER RABIUL ISLAM, Ph.D.  
B.A., M.S., Rajshahi University; L.L.B., Dacca University.  
Agricultural Economics. Major Professor: Robert D. Stevens, Associate  
Professor.  
Thesis: Alternative Low-Lift Pump Irrigation Policies in Bangladesh:  
An Economic and Financial Analysis

CLARA MURPHY JENNINGS, Ph.D.  
B.S., M.S., Arkansas A.M. & N.; Ed.S., Wayne State University.  
Education. Major Professor: Donald H Nickerson, Associate Professor.  
Thesis: The Impact of the Education Professions Development Act,  
Part B, Subpart II on Preparing Teachers for the Economically Dis-  
advantaged Students: Experimental Programs in Two Michigan Ur-  
ban School Districts.

ELEANOR J. JOHNSON, Ph.D.  
Anthropology. Major Professor: Scott Cook, Associate Professor.  
Thesis: Marketwomen and Capitalist Adaptation: A Case Study in  
Rural Benin, Nigeria.

RAYMOND HOWARD JOHNSON, Ph.D.  
B.A., Augustana College; M.A., Michigan State University.  
Psychology. Major Professor: John H. Wakeley, Professor.  
Thesis: Initiating Structure, Consideration, and Participative Decision  
Making: Dimensions of Leader Behavior.

DAVID JOHN JUDE, Ph.D.  
B.S., University of Minnesota.  
Fisheries and Wildlife. Major Professor: Niles Kevern, Professor.  
Thesis: Sublethal Effects of Ammonia and Cadmium on Growth of  
Green Sunfish.

JERRY NELSON JUDY, Ph.D.  
B.S., West Virginia University; M.A., Michigan State University.  
Sociology. Major Professor: James Zuiches, Assistant Professor.  
Thesis: Job Search and Economic Absorption of Automobile Workers.

AARON KARNILOW, Ph.D.  
B.S., College of New York; M.A., Michigan State University.  
Psychology. Major Professor: Joseph Reyher, Professor.  
Thesis: A Comparison of Oedipal and Peer Sex Through the Use of  
Hypnotically Implanted Paramnesias.

DAVID PRISMAN KARSTEN, Ph.D.  
B.A., Hope College; M.A., Northwestern University.  
Theatre. Major Professor: Frank Rutledge, Professor.  
Thesis: A Descriptive Study of the Sprecher Concept as Found in Se-  
lected Plays by George Chapman, Cyril Tourneur, and John Webster.
SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)

STANLEY F. KASPRZYK, Ph.D.
A.B., University of California; M.S., University of Pennsylvania. Education. Major Professor: C. Blair MacLean, Professor. Thesis: Technology: A Theoretical Base for Industrial Arts Education.

CHONG-JIN KIM, Ph.D.

KENNETH HERMAN KORTRIGHT, Ph.D.

TIMOTHY JAMES KUBIAK, Ph.D.

SUDHAKAR RAJARAM KULKARNI, Ph.D.

ANIL KUMAR, Ph.D.

LARRY ROSS LANG, Ph.D.

ROSS ALBERT LEE, Ph.D.

KAI YUI LEI, Ph.D.

R. WESLEY LEID, JR., Ph.D.
CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)

Theodore Lee Loudon, Ph.D.  
B.S., M.S., University of Wyoming.  
Agricultural Engineering. Major Professor: Ernest H. Kidder, Professor.  
Thesis: Moisture Movement from a Subsurface Irrigation Source.

John William Lounsbury, Ph.D.  
B.A., Portland State College; M.A., University of Calgary.  
Psychology. Major Professor: George W. Fairweather, Professor.  

Abdul Mannan, Ph.D.  
B.A., Seraj Ganj College; M.A., Rajshahi University; M.A., Michigan State University.  
Education. Major Professor: David K. Heenan, Professor.  
Thesis: Trends and Issues in the Economics of Non-Formal Education.

Terry Wayne McDaniel, Ph.D.  
B.A., Wittenberg University; M.S., Michigan State University.  
Physics. Major Professor: Carl L. Foiles, Associate Professor.  

Thomas L. McDoile, Ph.D.  
B.S., M.S., University of Michigan.  
Education. Major Professor: Robert E. Gustafson, Associate Professor.  

Robert Theodore McElhose, Jr., Ph.D.  
B.A., Bethany College; M.A., Oklahoma State University.  
Education. Major Professor: Samuel A. Plyler, Professor.  
Thesis: Supervisor—Supervisee Complementarity and Relational Distance as Related to Supervisor Experience Level.

Ellis Eugene Melton, Jr., Ph.D.  
B.M.E., Ouachita College; M.M., Michigan State University.  
Music. Major Professor: Robert G. Sidnell, Professor.  

Abolghassem Miamiee, Ph.D.  
B.S., Tehran University; M.S., Pahlavi University.  
Mathematics. Major Professor: Habib Salehi, Professor.  

Barbara Kenrick Miller, Ph.D.  
B.S., M.S., Cornell University.  
Family Ecology. Major Professor: Jean D. Schlater, Professor.  

Jagmohan Mundhra, Ph.D.  
B.Tech., Indian Institute of Technology; M.B.A., Michigan State University.  
Business Administration (Marketing). Major Professor: Leo G. Erickson, Professor.  
CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)

CURTIS SMITH MURTON, JR., Ph.D.  
B.A., M.A., University of Michigan. 
Education. Major Professor: James H. Nelson, Professor. 

EDWARD LOUIS MYLES, Ph.D.  
B.A., Arizona State University; M.A., University of Oklahoma. 
Geography. Major Professor: Stanley Brunn, Professor. 
Thesis: Geographic Dimensions of Central Administrative Offices in the Australian Economy.

GLENN LAWRENCE NELSON, Ph.D.  
B.S., University of Minnesota. 
Agricultural Economics. Major Professor: Lester Manderscheid, Professor. 

KIRK A. NIGRO, Ph.D.  
B.S., Northern Michigan University; M.A., Ed.S., Central Michigan University. 
Education. Major Professor: Alexander J. Kloster, Associate Professor. 

LEVI AKALU NWACHUKU, Ph.D.  
B.A., Lincoln University; M.A., Howard University. 
History. Major Professor: James R. Hooker, Professor. 

PAUL JOHN OBERLE, Ph.D.  
B.S., M.A., Central Michigan University. 
Education. Major Professor: George R. Myers, Professor. 
Thesis: An Evaluation of the Central Michigan University Thumb Area Teen Ranch Tutorial Program's Influence Upon the Affective Attitudes and Values of Secondary Student Teachers.

KARL E. OHLSSON, Ph.D.  
B.S., Purdue University; M.S., Eastern Michigan University. 
Botany and Plant Pathology. Major Professor: Henry A. Imshaug, Professor. 

HAROLD EVANS OLD, JR., Ph.D.  
B.S., Marquette University; M.A., Western Michigan University. 
Political Science. Major Professor: Joseph A. Schlesinger, Professor. 
Thesis: Bureaucratic Structure, Rational Bureaucrats and Bureau Policy.

DON ARDEN OLSON, Ph.D.  
Business Administration (Marketing). Major Professor: William Lazer, Professor. 
CANDIDATES FOR THE DOCTORAL DEGREE – FALL TERM 1973 (Continued)

Richard Johann Orend, Ph.D.

Eugene Frank Palermo, Ph.D.

Polly Wietzke Peterson, Ph.D.
B.S., University of Michigan; M.A., Michigan State University. Education. Major Professor: Byron H. VanRoekel, Professor. Thesis: The Effects of Telegraphic Prose, Compressed Speech and Modality Upon Comprehension.

Philip Pfaff, Ph.D.

Raymond Leon Porter, Ph.D.
B.S., Tri-State College; M.S., Montana State University. Chemical Engineering. Major Professor: Carl M. Cooper, Associate Professor. Thesis: Physical Model for Mass Transfer in a Packed Bed.

Maurline Murray Preache, Ph.D.
B.A., Mercer University; M.A., Florida Atlantic University. Psychology. Major Professor: John L. Johnson, Professor. Thesis: Normal Retention During Inhibition of Photosynthesis Induced by Cycloheximide in Rats.

Syed Kaleemullah Quadri, Ph.D.
B.V.Sc., Osmania University; M.S., Kansas State University; M.S., Michigan State University. Physiology. Major Professor: Joseph Meites, Professor. Thesis: Effects of Central Acting Drugs and Ergot Derivatives on Prolactin and Growth Hormone Secretion, on Growth of Pituitary and Mammary Tumors and on Reproduction in Old Rats.

Cheryl Ann Rabideau, Ph.D.
B.S., Rochester Institute of Technology; M.A., Michigan State University. Education. Major Professor: Lawrence Borosage, Professor. Thesis: A Developmental Study of Teachers' Ability to Identify and Write Performance Objectives.

Anil Venkat Rao, Ph.D.

Lyman Thair Rate, Ph.D.
B.A., University of Kansas; M.A., Miami University. Education. Major Professor: Richard Johnson, Associate Professor. Thesis: Effect of Interpersonal Anxiety Reduction, Self-Evaluation Reinforcement, and Overt Self-Reinforcement Availability on College Student Subsequent Self-Evaluation and Self-Reinforcement Responses.
CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)

FRANCOISE RAVAUX, Ph.D.

FRANK C. P. REED III, Ph.D.
B.S., State University College; M.S., Michigan State University. Botany and Plant Pathology. Major Professor: Stephen N. Stephenson, Associate Professor. Thesis: The Effects of Chronic and Single Nutrient Inputs on First Year Fallow Vegetation in Michigan.

DAVID ARTHUR REICOSKY, Ph.D.
B.S., Kent State University. Forestry. Major Professor: James W. Hanover, Professor. Thesis: Developmental and Physiological Aspects of Surface Waxes of Blue Spruce.

MARION MILLER RICE, Ph.D.

MARTHA EVELYN SNELL ROWLAND, Ph.D.

S. NICHOLAS SAMUEL, Ph.D.

LARRY STUART SCHAFTENAAR, Ph.D.

L. PATRICK SCHEETZ, Ph.D.
B.S., M.S., Purdue University. Education. Major Professor: Richard L. Featherstone, Professor. Thesis: A Comparison of Personnel Information Storage and Retrieval Systems for the Placement Services of Selected Universities.

RANDALL STEVE SCHULER, Ph.D.
CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)

Rose A. Schwartzfisher, Ph.D.  
B.S., M.S., Michigan State University.  
Education. Major Professor: William M. Fitzgerald, Professor.  

Gail Joan Sellstrom, Ph.D.  
B.A., Sacramento State College; M.A., University of Illinois.  
Psychology. Major Professor: Lawrence O'Kelley, Professor.  
Thesis: Cortical Lesions and Sexual Behavior in the Male Rat.

Thomas Beecher Shipley, Jr., Ph.D.  
B.S., Mount Union College; M.A., Michigan State University.  
Education. Major Professor: Laurine E. Fitzgerald, Professor.  

John Edd Shirley, Ph.D.  
B.S., M.S., Western Kentucky University.  
Dairy Science and Institute of Nutrition. Major Professor: Roy S. Emery, Professor.  

Francis Dean Silvernail, Ph.D.  
B.A., M.A., Michigan State University.  
Education. Major Professor: Carl H. Gross, Professor.  

Colin Henderson Smith, Ph.D.  
B.A., Dalhousie University; B.E., M.A., University of British Columbia.  
Education. Major Professor: Carl H. Gross, Professor.  

Gloria Mary Smith, Ph.D.  
B.A., M.A., University of British Columbia.  
Education. Major Professor: Carl H. Gross, Professor.  

Kenneth Smith, Ph.D.  
B.A., Atlantic Union College; B.D., Andrews University; M.A., Michigan State University.  
Audiology and Speech Sciences. Major Professor: Daniel S. Beasley, Associate Professor.  

Bassam Ahmed Snobar, Ph.D.  
B.S., Alexandria University; M.S., Michigan State University.  
Agricultural Engineering. Major Professor: Larry J. Segerlind, Associate Professor.  
Thesis: Engineering Parameters Related to the Hardness of Carrots.

Jonathan Harold Spinner, Ph.D.  
B.A., City College of New York.  
English. Major Professor: George R. Price, Professor.  
CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)

DENNIS STEUART SPRANDEL, Ph.D.  A.B., Albion College; M.Ed., University of Arizona.  
Education. Major Professor: John E. Ivey, Jr., Professor. 
Thesis: Leader Behavior: An Analysis of the Athletic Director in Colleges of a Selected Mid-Western Athletic Conference.

KATHERINE RICHARDS SPRANDEL, Ph.D.  B.A., Western Maryland College; M.A., Michigan State University.  
English. Major Professor: Joseph J. Waldmeir, Professor. 
Thesis: Richard Wright's Hero: From Initiate and Victim to Rebel and Isolate (An Achronological Study).

VASSILIOS CHRISTOS STAMOUDIS, Ph.D.  B.S., University of Athens.  
Chemistry. Major Professor: Gerasimos J. Karabatsos, Professor. 

RICHARD E. STUCKEY, Ph.D.  B.A., Goshen College; M.S., Michigan State University.  
Botany and Plant Pathology. Major Professor: Albert H. Ellingboe, Professor. 
Thesis: Elongation of Secondary Hyphae and Translocation of \textsuperscript{35}S and \textsuperscript{3}H from Host to Parasite During Primary Infection of Wheat by Erysiphe graminis f. sp. tritici.

HOVAV TALPAZ, Ph.D.  B.A., The Hige Institute for Agriculture.  
Agricultural Economics. Major Professor: Warren H. Vincent, Professor. 

MARY MARGARET TANNAHILL, Ph.D.  B.S., Texas Technical University.  
Chemistry. Major Professor: Jack B. Kinsinger, Professor. 

ASEFA TEFERRI, Ph.D.  B.A., University College; M.A., University of Ottawa.  
Economics. Major Professor: John P. Henderson, Professor. 
Thesis: Incomes Policy for East Africa with Special Reference to Uganda.

LARRY RALPH TEITSMA, Ph.D.  A.B., Hope College; B.D., Western Theological Seminary; M.A., Michigan State University.  
Education. Major Professor: Norman Kagan, Professor. 
Thesis: Physiological Responses of Electrical Skin Conductance, Heart Rate, and Respiration Rate of Alcoholics and Non-Alcoholics to Affective Stimulus Films.

FRANK ALLEN THROOP, Ph.D.  A.B., Central Michigan University; M.A., Michigan State University.  
Education. Major Professor: Vandel C. Johnson, Professor. 
CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM 1973 (Continued)


DEREK WHORDLEY, Ph.D. Associateship, College of Preceptors; M.A., Michigan State University. Education. Major Professor: James E. Snoddy, Professor. Thesis: Teaching the Research Study Skills in a Team Teaching Situation at the Sixth Grade Level.


LOWELL SETH ZURBUCH, Ph.D. B.S., M.A., Kent State University. Education. C. Blair MacLean, Professor. Thesis: A Study of the Acceptance of Open Education Concepts by Industrial Arts Teacher Educators.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR EDUCATIONAL SPECIALIST DEGREE—FALL TERM, 1973

Marjorie Musolf Baclawski, Ed.S.  
Education. Major Professor: Peggy L. Miller, Associate Professor.

Thelma Bleecher, Ed.S.  
B.A., M.S., Brooklyn College.  
Education. Major Professor: James E. Snoddy, Professor.

Elizabeth Ann Canady, Ed.S.  
B.A., M.A., Michigan State University.  
Education. Major Professor: Sheila M. Fitzgerald, Assistant Professor.

Robert Doctor, Ed.S.  
B.S., Central Michigan University; M.A., Michigan State University.  
Education. Major Professor: Samuel A. Moore II, Professor.

Harold J. Elenbaas, Ed.S.  
B.S., Michigan State University; M.S., Central Michigan University.  
Education. Major Professor: Frederick R. Ignatovich, Associate Professor.

Richard E. Howe, Ed.S.  
B.A., Michigan State University; M.A., Western Michigan University.  
Education. Major Professor: Alexander J. Kloster, Associate Professor.

Johann Friedrich Ingold, Ed.S.  
B.S., M.A., Michigan State University.  
Education. Major Professor: Richard L. Featherstone, Professor.

Leslie George McCain, Ed.S.  
B.A., M.A., Michigan State University.  
Education. Major Professor: Russell J. Kleis, Professor.

D. Ralph Pritchard, Ed.S.  
B.A., M.A., Michigan State University.  
Education. Major Professor: Charles E. Henley, Professor.

Neal Vernon Singles, Ed.S.  
B.A., Albion College; M.A., University of Notre Dame.  
Education. Major Professor: John H. Suehr, Professor.
COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

LAWRENCE L. BOGER, DEAN

GRADUATED SUMMER TERM, 1973

Agricultural Economics
Josef Meinrad Broder
Garth Hartley Holmquist
Stephen O. Sparks

Agricultural Mechanization
Joseph Bernard Bozung

Animal Husbandry
Ralph Jarold Lipsey

Biochemistry
Dorothy Boerner Mann
Dan Michael Patrick II

Dairy Science
N. Alfred Dutrow

Fisheries and Wildlife
Douglas Allen Bulthuis
Thomas James Edwards

Philip Simeon Keller
Robert L. Hite
Jay Michael Johnson
Thomas Vern Kreh
Edward E. Langenau, Jr.
Scott Jon Reger
Howard Dean Wandell

Food Science
John F. Blanco
Kolvadee Trongpanich

Forestry
Douglas Edward Duch
Hong Van Huynh

Horticulture
Mathew John Benvenuto
Dennis Edward Deyton
Robert LeRoy Hatch
Luther Moxley

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF ENGINEERING

Agricultural Engineering
Raul Apacila
Gerald Leon Avery

CANDIDATES — FALL TERM, 1973

Agricultural Economics
Michael Carleton Dennis
Thomas Miller Dickey
Salah Youssef Elnaggar
Esso T. Lindstedt
Leo Charles Mulholland

Agricultural Mechanization
Adalberto Diaz
Howard Joseph Doss II
Ashok Annapalab Shinde

Animal Husbandry
Douglas E. Meiburg

Crop Science
Bernard Louis Marchetti
B. H. Zakri

Dairy Science
Roger John Kittok

Fisheries and Wildlife
Douglas Lynn Nelson

Food Science
Michael E. Mangino
Sanapathy Narayanan
Lyle John Shannon
Maria Cristina Zulueta

Forestry
Atalla Ahmed Abohassan
Thomas Harry Black
Juan Enrique Liesegang
Kenneth Alan Ottman
Douglas Lee Smith
## College of Agriculture and Natural Resources

<table>
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<tr>
<th>Degree of Master of Science</th>
<th>Horticulture</th>
<th>Poultry Science</th>
<th>Resource Development</th>
<th>Agriculture Engineering</th>
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<td>Phildon Brent DeMille</td>
<td>Robert Emmet Manning</td>
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<td>William Eric Rakocy</td>
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<td>Ramachandra Subramanya</td>
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<td><strong>Packaging</strong></td>
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<td>Richard Erwin Schneider</td>
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<td>Park and Recreation Resources</td>
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<td>Jack Sheehan</td>
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<td>Paul Bernard Hamel</td>
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<td><strong>Elaine Louise Smith</strong></td>
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<td>James N. Holleran</td>
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<td><strong>Craig Robert Wiese</strong></td>
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<td><strong>Poultry Science</strong></td>
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<td><strong>Dale Edward Dumaw</strong></td>
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<td><strong>Crop Science</strong></td>
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<td><strong>Public Affairs Management</strong></td>
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<td>*David Edward Coleman</td>
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<td>Diane Christine Buckel</td>
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<th>Degree of Bachelor of Science</th>
<th>Fisheries and Wildlife</th>
<th>Forestry</th>
<th>Poultry Science</th>
<th>Agriculture and Natural Resources</th>
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<tr>
<td>Stanley Joseph Bober</td>
<td>Kevin P. A. Bongers</td>
<td>*James Stanley Bielecki</td>
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<td>David Michael Bonga</td>
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<td>Thomas Lee De Ruirer</td>
<td>Douglas Robert Drapal</td>
<td>*Isabel Louise Fisk</td>
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<td>Richard John Hess</td>
<td>Steven Roger Kell</td>
<td>Darrell Paul Fuller</td>
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<td>James Reginald Nicholas</td>
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<td>*Ralph Bruce Felletier</td>
<td>Gerald Paul Rakocy</td>
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<td>Michael Dean Phillips</td>
<td>John Conrad Schwanekamp</td>
<td>Richard Paul Huyssten</td>
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<td>Ralph Springer Stevens</td>
<td>Kyle Mason Kittleston</td>
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<td>Keith Ivan Todd</td>
<td>Gregory John Kowalewski</td>
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<td>Ralph Springer Stevens</td>
<td>Denise Ann White</td>
<td>Brian James McCrudy</td>
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<td>Steven Roger Kell</td>
<td>Paul Elson Wilson</td>
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<tr>
<th>Food Science</th>
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<td>Francis Edward Avery</td>
<td>Worapote Rumpaninini</td>
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<td>Harry Maris Brants</td>
<td>Chao-Nan Tang</td>
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<td>Hernan G. Marin</td>
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<th>Food Systems Economics and Management</th>
<th>Agriculture and Natural Resources</th>
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<tr>
<td>Derek Charles Carissimi</td>
<td><strong>Degree recommended with honor</strong></td>
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<td>Edward Albert Dudgeon</td>
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<td>Daniel Carl Lyons</td>
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*With Honor
**With High Honor
COLLEGE OF ENGINEERING

LAWRENCE W. VON TERSCH, DEAN

GRADUATED SUMMER TERM, 1973

Chemical Engineering
Joseph Thomas Johnson
Kirk Thomas Cobb
Mitchell G. Roth
Richard Lee Holloway
Turki Mahmoud M. Said
Martin E. Stegenga
Claudia Sue Winer

Civil Engineering
Julius Folorunso Obembe
Rocco Thomas Campanelli

Computer Science
Dwight William Bates
Mechanical Engineering
James E. Bossenbroek
Pak-Chung Ho
Gary Burch Crockett
Frederick Joseph Ringe
Raymond Youssef Fadous

Systems Science
Gian Maria Manfredini

CANDIDATES - FALL TERM, 1973

Civil Engineering
Thursak Boonyakachon
Abdul Khalid Bokhari
Seyed Hossein Mousavinezhad
Philip Allen Priest
Frank Saggio III

Electrical Engineering
Harold William Bulger, Jr.
Mark Randall Ray
Lee Olin Ringham

Mechanical Engineering
Sanitary Engineering
Po Peng Chang

Systems Science
John Frederick Cole, Jr.
Kenichi Narukawa
Richard Alex Schultze
Paul Howard Tress

Agricultural Engineering
Randy Reed Bedell

Chemical Engineering
**Michael Raymond Borghi
Brian Charles Howard
Gregory Lee Melrose
Viresh P. Patel
Robert Dean Squire

Civil Engineering
Shamel Mohamed
Abou-El-Seoud
Brian Peter Backos

H**John M. Cavanaugh
Jack Edward Dishman
David Dean France
Robert James Hampton

**Gerard James Higgins
Stephen Lee Hughes
David Arthur Jackson
Steven Paul Karlowski
Mickey James Sutton
**Richard Allen Van Heukelum

*H**John Mead Vanstratt
**William George Willson

*Honors College
**With Honor
*With High Honor
DEGREE OF
BACHELOR
OF SCIENCE

Computer Science
William C. Carey
*Mark T. Johnson
Keith Eric Kusterer
Stephen Paul Norwick
Joan Marie Strzempek

Mechanical Engineering
Myron Jerome Borders
Gary Lane Burgess
Ronald Allen Dery
Ronald Wallace Edwards
*Floyd G. Jackson
*David Raymond Markle
*Dennis Carl McLaughlin
Timothy Michael Morris
Gerald Henry Murray
Robert Andrew Norby
*Jaime G. Plans
Anthony Thomas Pung
Douglas John Vial

Electrical Engineering
*Richard Louis Borgen
James Michael Mulholland
George Paul Seroka
William Edmond Spórk
*Steve Carl Timm
John Traxler

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF AGRICULTURE
AND NATURAL RESOURCES

Agricultural Engineering
Thomas LeRoy Bailey
Randy Reed Bedell
**Larry Raymond Borton
Thomas Martin Dennison

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COLLEGE OF HUMAN ECOLOGY

Lois A. Lund, Dean

GRADUATED SUMMER TERM, 1973

Child Development
Susan P. Berger
Barbara Ann Faidley
Susan Kay Galey
Wilbur Leo Swarthout II
Susan Carol Turbow

Clothing and Textiles
Elizabeth M. Dolan

Family Studies
Elayne Noreen Graf
Eileen Mae Haas
Martha Dawn Hartel
Karen Linda Smith Lawrence
Michael Stephen Smith Lawrence

Home Economics Education
Libbie Christine Bristow
Phyllis L. Combs
Patricia Ann Cushman
Margaret McLellan
Jean Schaefer Welsh

Human Shelter and Interior Design
Janet Peters Krumme
Betty Jean Stevens
Marc Randall Yops

Community Services
Patricia Ann Fuerstenau

Foods
Mary Elisabeth Kerr

CANDIDATES — FALL TERM, 1973

Child Development
Susan Sieveke Hook
Patricia Donahue Judy
Jane Marie Olson

Family Economics and Management
Helena Eva Hedlund
Janet Gilmore Lewis

Family Studies
Judith Ann Gould
Hye Son Jon
Louise Annette Knight
Marion Johnston Knight
Susan Sadako Osaki
Joseph Michael Weiss
Naomi Jean Yoder

Home Economics Education
Jacqueline Paulette Anderson

Human Shelter and Interior Design
Charlyshone Ward
COLLEGE OF HUMAN ECOLOGY

DEGREE OF MASTER
OF SCIENCE

Community Services
Grace S. Reid

Human Nutrition
Young Hee Ha
Doris Hu
RayShiang Christine Su
Cynthia Bramlett Thompson

Institutional Administration
Julia Anne Kotschevar

DEGREE OF BACHELOR
OF ARTS

Interior Design
**Linda Sue Barrows
Pamela Mary Comer
Joanne Christine Edquist
Lupe Rosario Gottschalk

Elizabeth Brock Guenther
Judith Anne Kosar
Deborah Andruccioli Kroupa
*Eliza Jane Lackie

*Gayle Levitsky Morrison
Marjorie Anne Swick
Leora Ruth White
Barbara Lee Wilson

Clothing and Textiles
*Kathy Ann Cyr
Diane Carol Ford
Margaret Eileen Kelley
Kathleen Mary Perry
Paula Beverly Podojil
Shelley Jo Walters
Terry Young

*Kathy Ann Cyr
Diane Carol Ford
Margaret Eileen Kelley
Kathleen Mary Perry
Paula Beverly Podojil
Shelley Jo Walters
Terry Young

*Consumer-Community Services
Elaine Marie Broxholm
Judy Ann Domire
Sharon Leslie Ehlke
*Carol Elizabeth Etter
*Margaret J. Flannery
Christine Ann Goeschel
Linda Marie Kish
Judy Lee Phillips
*Miriam Alicia Saxton
Gweneth Lee Sharpe

*Clothing and Textiles
*Kathy Ann Cyr
Diane Carol Ford
Margaret Eileen Kelley
Kathleen Mary Perry
Paula Beverly Podojil
Shelley Jo Walters
Terry Young

*Consumer-Community Services
Elaine Marie Broxholm
Judy Ann Domire
Sharon Leslie Ehlke
*Carol Elizabeth Etter
*Margaret J. Flannery
Christine Ann Goeschel
Linda Marie Kish
Judy Lee Phillips
*Miriam Alicia Saxton
Gweneth Lee Sharpe

Dietetics
Cheryl Lynn Bonk
Cheryl Diane Dusseau

Foods
Kimberly Joanne Bryant

General Home Economics
*Christine Crotty Brown
Shirley Marie Schwing

*Human Environment and Design
*Pamela Rae Draft
Dawn Elaine Miller
Deborah Dawn Perry
Kristen Ann Rech

*Retailing of Clothing and Textiles
*Ann D. Badertscher
Yvonne Marie Bass
Robert Lee Chatman, Jr.
Kellery Anne Dempsey
Marie Kathleen Dierickx
Carol Enid Durst
Barbara Jo Feldmann
JoAnn K. Gonia
Linda Joan Gotts
Pamela Denise Henderson
*Patricia Susan Hoffman
*Janina Franciszka Kiebala
Susan Gwen Klopp
Kathleen Ann Lewis
TommaluLou Lowry
Janet Alison Miller
Brenda Kay Oliver
Pamela R. Plummer
Stuart Ross Rapaport
*Rita Mary Reaume
Linda Ann Selby
Vickie M. Watkins

*Child Development and Teaching
*Judith Lee Clink
Judy A. Donovan
Julienne Driskill
Catherine Ann Feeheley
Kathryn Joyce Guild
Cynthia Sue Hamilton
*Christine Anne Miller
Kathryn Lee Owens
*Marian E. Russell
Barbara A. Schaudt
Mari Anne Turner
*Peggy Ann Waller

*Home Economics Education
Patricia Sue Brooks
*Christine Frances DeYonke
*Stella Brown Economy
H**Nanette Barbara Filthaut
*Kathryn Margaret Griffith
**Kathryn Elizabeth Ladiski
Patti Claire Kolivisto
*Nancy Lee Lampfler

*Hons College
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**With High Honor

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# COLLEGE OF VETERINARY MEDICINE

**WILLIS W. ARMISTEAD, DEAN**

## GRADUATED SUMMER TERM, 1973

<table>
<thead>
<tr>
<th>Degree of Master of Science</th>
<th>Microbiology and Public Health</th>
<th>Pathology</th>
<th>Small Animal Surgery and Medicine</th>
</tr>
</thead>
<tbody>
<tr>
<td>WILLIS W. ARMISTEAD, DEAN</td>
<td>George Arthur Hylton</td>
<td>John Jordan Andrews Vernon Budington Aultman</td>
<td>Sandee Morris Hartsfield</td>
</tr>
</tbody>
</table>

## CANDIDATES — FALL TERM, 1973

<table>
<thead>
<tr>
<th>Degree of Doctor of Veterinary Medicine</th>
<th>Anatomy</th>
<th>Pathology</th>
<th>Small Animal Surgery and Medicine</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYNTHIA JEANNE BAUMHART</td>
<td>James Quentin Knight</td>
<td>James Patton Davidson Louis Edward Newman Behzad Yamini</td>
<td></td>
</tr>
<tr>
<td>*Grace Anne Boult</td>
<td>*Janice Marie Krakora</td>
<td>*Thomas Jacob Ratke Joseph Frank Roehl *Richard Gregory Scholfield</td>
<td>*Michael John Scott</td>
</tr>
<tr>
<td>*Peggy Calles Chamberlain</td>
<td>James George Lasley</td>
<td>*JAMES BRUCE MACLEAN</td>
<td>James Clifford Shell</td>
</tr>
<tr>
<td>**David Steven Couturier</td>
<td>Katherine Lawrence</td>
<td>*James Richard Main</td>
<td>Paul William Mesack</td>
</tr>
<tr>
<td>**Donald Fredrick Dries</td>
<td>*David Witherspoon Lowrance</td>
<td>James Clifford Shell</td>
<td>*Kathryn Elizabeth Simons</td>
</tr>
<tr>
<td>**Jeffrey M. Feld</td>
<td>*James Bruce MacLean</td>
<td>James Clifford Shell</td>
<td>*Kathryn Elizabeth Simons</td>
</tr>
<tr>
<td>*Lynne Marie Friday</td>
<td>*James Richard Main</td>
<td>Paul William Mesack</td>
<td>*EUGENE WILLIAM MEYER, JR.</td>
</tr>
<tr>
<td>**Arnold Allen Gertonson</td>
<td>*James Richard Main</td>
<td>Paul William Mesack</td>
<td>*EUGENE WILLIAM MEYER, JR.</td>
</tr>
</tbody>
</table>

* With Honor
** With High Honor
COLLEGE OF BUSINESS

Kullervo Louhi, Dean

GRADUATED SUMMER TERM, 1973

DEGREE OF
MASTER
OF ARTS

Economics
John Robert Mielke
Alvaro Silva
Pradumna Bickram Rana
Daniel A. Sumner

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

DEGREE OF
MASTER OF
BUSINESS ADMINISTRATION

Stephen H. Armstrong
Lonnie John Bewernitz
Robert Joseph Bowersox, Jr.
Rex Clair Bryan
Richard Paul Chulick
Michael Francis Cottrell
James Ray Crook
Gregory Caulfield Crown
Robert James Dempsey
Coral Sue Dowd
Martin Walter Dukes, Jr.
Diane Marie Eston
Ronald Rae Flietstra
Donald William Gailey
Robert Darryl Gaines
David Alan Goodof
Frank Berman Gordon
Marc Joel Gordon

John Edward Gunter
Arthur Witt Hadley
Christopher Bertram Harris
Dennis R. Hoppe
Robert Raynor Kurz
Hong Juay Lee
Thomas Alan Lehrke
George Linder
Leo Harry Litowich
\( \notin \) Robert D. MacLean
Michael Dolan McIsaac
Charles Burrows McNamee
Kenneth Frank Migdalski
Richard Morgenstein
Ralph James Naveaux
Keith Thaddeus Obal
Michael Duane Olsen

James John Ostarello
Timothy John Quast
Stanley Ernst Richards
Michael Ray Ross
Clifton Ray Scroggs, Jr.
Bernard Seiler
Hector Sistos
Marshall Edward Smith
Michael Ray Smits
David Stanley Tolbert
Richard Ray Trail
Walter Tau Chyr Tung
Robert Stuart Vor Broker
Orhan Yetginer
Edward Henry Ytsma
Ronald James Zeppieri
Lawrence Clyde Zinox

CANDIDATES — FALL TERM, 1973

DEGREE OF
MASTER
OF ARTS

Economics
Loukas Ioannis Ananikas
Hernan Arboleda
Roberto Mario Bocchietto

Charles Albert Dillard
David L. Haselschwerdt
Barry Russell Litman
Vincenette Morganii

\( \notin \) Posthumously
GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

Tawfik M. Aboshehiah  Tracy Edward Johnson  Thomas Bradley Quarton
Herbert Nelson Ashley  Douglas Saunders Jordan  Marcial Rocha
Jerome Harold Baglien  Patrick Dennis Kennedy  Carlos Enrique Santizo
Bruce Ivan Behnke  Joseph William Kinsey  James Ted Schubel
Gregory Evans Bradbury  Michael Clinton Kostrzewa  Bruce Steven Sherman
Antonius Wilhelmus Maria Van Breen  Donald Law, Jr.  Keith M. Sipperley
Patrick J. Carroll  Luciano Sabola Lopes-Filho  K. Daniel Streiff, Jr.
Michael Chubuta  Paul Douglas Lydy  Gregory Allan Strintz
Robert Edward Copping  Masakatsu Magata  Takero Suga
Bryan Michael Doelle  Thomas Michael Magill  Frank Richard Tomascik
Chedly M. Fayache  Gary Wayne Malkus  Paul Tsatsos
Richard Charles Harris  Laine Evan Malmquist  Joyce Pauline Vincelette
FitzGerald  John Douglas McInnes  David William Vinton
David Andrew Fuller  Victor John McPhee  Jesse James Waldon, Jr.
Gregory Gromek  Curt James Monhart  Alan R. Walter
Jacquelyn Anderson Hedlund  Thomas Dennis Nastas  William George Warburton
Joseph Oliver Henley  Brian Dennis Nyman  John Lawrence Weurding
Frank William Jack  Thomas Allen Peterson  Gerrit Cornelis Wilbrink
Henry Christie Jacobi  Michael Jeffrey Pickens  Jack King Yee
Joseph William Kinsey  José Straunard Pimentel  Jay Martin Yentis

Accounting
Jack Arthur Allen  William George Holtman
Michael Dale Beck  *Michael Joseph LoGrasso
Jay Eugene Cardinal  Roy William Siegel
*James V. Cronkliite  Ernest Randolph Smothers
*Kenneth Justin Dennis  Darrell Paul Snyder
Ricky Lee Duistermars  H**Richard Michael Spruit
Kelley Gene Dutcher  H**Kane Yee
Gretchen Ann Ederer
James F. Flannery
Douglas William Gager  Financial Administration
*Albert John Gustafson  William Robert Burke
Joseph W. Harrison  Daniel Patrick Giroux
*David Charles Heist  Garold Curtis Maslanik
Patrick Allen Horan  Debra Kay Smith
Kenneth Roger Kamp  Keith John Wolnewitz
*James W. Knapp  Food Systems Economics
H**Ronald Thomas Kozera  and Management
Frederick Bruce Myers  Harriet Czarnopys
James Michael Oates  General Business
Michael George Petersen  Administration
Robert Gerald Reske  *Richard A. Algra
*Gregory David Ruppel  Arthur Franklin Allen
H**William Kenneth Salatka  Glen Dean Blystone
Jack E. Short II
Donald Arthur Siebert  Eileen Germanine
Margaret Ann Smith  Louis Pauline
Gerald Anthony Somerville  Pauline St. Germanine
*Nanette M. Terry  William Frederick Swiger, Jr.
H**Bruce Cyril Thelen  Dennis Greig Taylor
Brenda Sue Wagner  Samuel F. Test
James H. Wilson II  Robert William Thull

Economics
Paul W. Barden  Robert Mark Timyan
*Bruce George Bartlett  Keith M. Sipperley
Richard Wayne Bautel  William Michael Fair
*Evain Charles Castetter  *Richard Dean Farrar
**Frederick P. Certano  Bruce Michael Farrell
H**Alesia Runney Marinelli  *James Robert Gerish
Suzanne Marie Maurice  Wells D. Gutshall II
Patrick H. McHugh  Robert Harwood Hansz

*Larry Orlovski  John F. Adams II
John M. Pennell  George Lindsay Alward, Jr.
Calvin Douglas Root  Michael Andrew Assaf
William Frederick Swiger, Jr.  Joseph H. Bell
Dennis Greig Taylor  Robert Alan Caine
Samuel F. Test  Wayne Wai Chang
Robert William Thull  Gery George Dayne
Robert Mark Timyan  Alan J. Dilley
*Eileen Ann Tucker  William Michael Fair
John David Veneman  *Richard Dean Farrar
Gerald Lynn Willcutt  Bruce Michael Farrell

Hotel and Restaurant  *James Robert Gerish
Management
John F. Adams II  Wells D. Gutshall II
George Lindsay Alward, Jr.  Robert Harwood Hansz
Michael Andrew Assaf  John Paine Hawes
Joseph H. Bell  Freddie Lumar Hawkins
Robert Alan Caine  Kenneth Wilkin Kirk
Wayne Wai Chang  *Holly Ann Lester
Gery George Dayne  Theodore K. Malkasian
Alan J. Dilley  James Rawson Mohler
William Michael Fair  John David Veneman

DEGREE OF
MASTER
OF BUSINESS
ADMINISTRATION

DEGREE OF
BACHELOR
OF ARTS

H Honors College
* With Honor
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Hotel and Restaurant Management (Continued)
Lester John Mulder
Peter Michael Paglio
*Ronald Dean Ronat
Call C. Rutherford
Thomas Steven Savage
Reginald Mark Seguirant, Jr.
William Gerard Small
Wendy Sundberg
Michael Jay Vander Plaats
James Veil
Albert Eugene White

Industrial Administration
Gary Lance Krentler
*Gary James Pond
James Carl Reed
Mark J. Weslock

Marketing
Edward Robert Basco
Richard Conrad Carlson

Tadeusz Jan Chrzan
Darwin E. Costello
David Eugene Graor
Bruce William Jenkins
*Peter Martin Lyon
Kay Diane Marion
*Thomas Arthur Mier
Gary W. Mize
Joseph Alex Musial
Timothy Brent Nyman
Barbara Willard Ridings
Marsha Jane Skutt
Nick James Valenti
John Clark VanConant
Joseph Emmet Young

Personnel Administration
Kenneth Robert Johnson
James Paul Keinath
Allan Daniel King
*Charles Eugene Kinnard
Jon Jeffery Ogawa
Wesley Albert Pietrala
Joseph Peter Robinson
*Sandra Lynn Veltman

Tourism
Wendy Ann Graves
*Carol S. Nelson

Transportation-Distribution
Kenith Oneal Alderson

Degree Recommended Jointly with the College of Education

Business Education
**Elizabeth Kim Arens
Marcia Ann Stempien
Goodrich
Carole Sue Benson Husby

Distributive Education
Candice Ann Demarest

Economics
James Alexander Dowdell

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COLLEGE OF EDUCATION

KEITH GOLDFEATHER, DEAN

GRADUATED SUMMER TERM, 1973

Education
Bernard Eugene Abendshein
Julianne Ray Aikin
James D. Allen
Richard Doyle Allen
Joyce Zelda Alpern
Lynda B. Andersen
Larry Wayne Angus
Jane Helen Anthony
M. Jean Anthony
William Frederick Ast III
Bruce J. Averill
Lucinda Wakeman Ayres
Lyman Richards Baker
Bruce Austin Barber
Daniel Earl Barbrook
Susan Joan Barthold
Kathleen Fagan Bartley
C. Anne Schoonover Beadle
Charles Henry Beady, Jr.
Kathleen Sallot Bell
Jacqueline Jean Bennett
Bernita Benson
Crane M. Biberstine
Tressa Ann Bieby
Gayle A. Bila
Mary Elizabeth Bird
Lisa Lee Appel Bisby
Wesley Melvin Bitters
Susan Arlene Blazicek
Juanita R. Blodgett
John M. Blom
Marilyn Ann Blomquist
Kristine Marie Bohr
Benjamin Henry Bowald
Eleanor Jean Bowman
Mary Frances Boyce
Juanita M. Boyd
Hannah Renton Boylen
Catherine Jean Brace
Michael William Briege
Basil Wayne Brooks
Angenora G. Brown
Emilia Rennie Brown
Janet Irene Brown
Nancy Louise Brown

R. T. Brown
Richard W. Brown
Rita Ann Brown
Susan Miller Brown
Galeon Duane Bryce
Muriel J. Buchin
Pamela Sue Bukala
John Emerson Bullock
Ellen Catherine Burns
Sylvia Whitmoyer Burns
Dirk A. Buth
Jane Phyllis Caine
Orhan Cakiroglu
Robert Bruce Cameron
Joanne Barbara Cardinal
Phillip Henry Carr
Diana Christina Carroll
Sally Elizabeth Casey
Robert Thomas Caven
Effie Mae Cerny
Ronald Lee Chaffee
Florence Sarah Chamberlin
Linda Mary Clement
Deborah Diehl Clow
Kay Gwendolyn Coleman
Eileen Diane MacLaren
Collins
Phyllis Condie
Rosa Marcos Cordes
Ronald Melvin Cousino
Roslyn Joyce Covey
Charles Leroy Crissey
Sheryl Chastine Croom
Anita K. Culp
Donald Frederick Currey
Esther Marie Dalrymple
Nathalie Patricia Davis
Thomas Earl Dean
Roger Lee DeBoer
Ata Denge
Charles Kurt Dewhurst
Patricia Dishro
Sister Rose M. Doerr
Kenneth John Dornbush
Charles Dean Doster
Lauren Lee Drake
Edward Stanley Drew

Joan M. Dreyer
Laurence Ronald Driscoll
Carolyn Mary Dubats
Patrick J. Duffy
Cremae D. Dungy
Richard Lee Du Shane
Mary Larzelle Dygert
Benjamin J. Early
Judith Ellen Edgeworth
Carolyn Edwards
Johnnie Ruth Tillery Eiland
James Duane Ellis
Erin Katherine Elto
Victorino Patagisli Espero
Norman Martin Evans
Betty D. Fay
Dorothea Pitts Fields
Rosanne Fifele
Vincent Joseph Figas
Marie Claire Fischette
Sara M. Flanders
Richard Kenneth Fogle
Karyn Marie Ford
Helen K. Fortin
James Charles Fortin
Ross Lamar Fowler
Deborah Anne Franklin
John Frederick
Kathryn Braun Freud
James Edwin Fritz
Calvin Dean Fuller
Wilford Louis Gaffner
Jodie Mitchell Gallelde
James Gallagher
Rostica Luzod Gamet
Nancy Marie Gardner
Jacqueline Kay Garo
Virginia Elizabeth Gates
Mohammed Abdullah-Hajer
Chamdi
William James Gietzen
Jewel Allison Giff
Richard Andrew Gnesa
Danforth Otto Goff
Diane R. Goff
David Francis Gole
Daniel Lee Goodwin

DEGREE OF
MASTER
OF ARTS
COLLEGE OF EDUCATION

Education (Continued)
Richard David Gordon
Thomas E. Grabiniski
Glenn G. Grace
Nam P. Graham
M. Jane Grauer
John Malcolm Graves
Elisha Delbert Gray
Anna Marie Grego
Vivian Noble Grice
Ronald L. Grody
Duane Casey Guest
Kemal Guiter
Miriam Kay Gustafson
Richard Oscar Emmanuel Hackbarth
Jo Ann Cook Haggard
Catherine Ann Hall
Susan Kay Hammill
Michael Branch Handlin
Eric B. Hansen
Steven Douglas Harbison
Theodore Clemont Harris
Thomas Allyn Hartwig
Patricia Joan Hatch
Mary Follett Hawn
Darline Marie Hayes
Jerrilyn Ann Hayes
Trevor Heath
Claudia Ann Heineman
Joann Lou Helmbold
Robert Edward Helmntoller
Daniel L. Herman
Francis Marion Hess
William McKay Hieshetter
James Patrick Higgins
Elaine Mary High
Clark William Hill, Jr.
John Thomas Hiller
Frederick Leonard Hinkley
Ariel S. Hodgson
Jane Katherine Holmes
Teresa Joett Holmgren
George Stephen Honer
Ronald Lee Hosner
Janet Irene Huffman
Carolyn Ann Humphrey
Jacklyn Connie Hurd
Donna Jean Hurst
Ernest Hans Jacoby
Carole Adele Jenkins
Karen Christine Jewell
James Philip Johnson
Jane Durham Susan Johnson
Ora Johnson
Pamela Denise Johnson
Michael Scott Jolly
Catherine Ellen Jones
Darlene Ann Jones
Maartje Traude Jongeling
Damrong Kalumpakorn
Rev. Basil Karpelenia
Marion Loretta Kay
Walter Thomas Kennedy
James Edward Kerbel
Joseph W. Kertesz, Jr.
John Graham Kessel
Durali Kilinc
Jongoon Kim
Tatsutoshi Kiyomiya
James Edward Klein
Sinee C. Klinsrisook
John William Klockow
Sheldon LeRoy Knoespel
Barbara Gilkey Koelsch
Mary Kathleen Korney
Sister David Therese Korson
Sister Peter Mary Korson
Nancy Lorene Kramer
Susan Erica Kreider
Randall Lyding Krug
Timothy Lee Krug
Penelope Lou Krutschewski
Ronnie Harriet Kurchner
Katherine Ritts Lake
Janet Kay Lamley
Mary Suzanne Lampel
Jack L. Lampen
Theresa W. Lancaster
Raymond Roy Landis
William Theadore Lang
Jerrry E. Lapish
Velma De Vonne La Point
Bonnie Jean Latshaw
Jean-Marie Laugugager
Ruth Virginia Lavigne
Rodney J. Lewis
Sharon Rona Lewis
James F. Liebbe
Judith Dean Liebman
Carol Ann Liggett
Susan Smith Lint
Mary Anna Lintemuth
Michael James Long
Kathryn Estes Lower
Merna L. Lowey
Sandra Jeanine Luce
Robert George Luchauer
Robert Joseph Luebke
Linda Charlene Luke
Doris June Luindteigen
Gunnar Lundteigen
Kenneth Allen Manni
Myrtle Ogders Manning
Kathleen Bernadette Merkel
Michael Tyrone Martin
Joseph A. Mason
Joan Carol May
Jean Louise McClary
Mary Ellen McDonald
Robert James McDonell
Marjorie Ann McDonough
Harriy J. McGrath
Maree Grace McKenna
Barbara Kaye McKenzie
George Vernon Kim
Loyd George McPherson
Dorine Jill Meister
Kay Dubois Meredith
Roger Dean Merillat
Loretta Jean Metcalf
Kenneth B. Meyer
John Patrick Milan
Michael Richard Miley
Arnett Miller
John William Miller
Shirley Ann Miller
Susan Thurrow Miller
Vodray Augustus Mills
Marilyn Hutchinson Mitchell
Linda Dorothea Montgomery
Richard Wallace Morand
John O. Moyer
John David Mutch
Alta Gracia Myers
Jan Allan Nagaj
Willie Ed Neal, Jr.
Tasnee Nillabrem
Jean Ann Nelson
Jerry F. Nolan
Gordon Gale Norman
Carol Pearl Osborne
Sister Margaret Henry Oscar
David Neil Ostrow
Barbara Ann Otis
Kathleen Mary Otton
Glenda Rae Divine Palmer
Priscilla Dian Palmer
Barbara Ann Parker
Marjorie Louise Parmenter
James Michael Pavelka
Richard Eugene Pawloski
Diane Lynn Pederson
David Case Peshke
David Alan Peterson
Leonard William Peterson
Mary Joy Peterson
Charles William Phillips
Sirina Phisanbut
Linda Maria Pidutti
Steven Frank Politowski
Patricia Jean Ponzio
Marlyn Kay Ponthus
Thomas Francis Popiel
Kathleen Sue Porter
Constance J. Powers
William Henry Powers
Barbara Jill Presler
Winton Edward Pugh
Mary Evan Purdy
Pamela Anne Quatermaine
Janet Dixon Quast
Lawrence James Race
Kathryn W. Ralph
Dorothy Rappel
Nancy Lee Rawlins
Nellie D. Reavis
Terry T. Beed
Avis Marie Reese
Bonnie Gay Reicosky
Suzanne Kay Reikittke
Mary Ann Reuter
Jack Elon Rice
Suzanne Richards
Gene W. Rietfor
John M. Rinke
Kathleen Rivard
Pete R. Rivera, Jr.
Marie Joyce Roberts
Paul Victor Roetter
Antoinette Maria Rollins
Marilyn Hildegarde Rosenberg
Allan R. Rosenthal
Cynthia Suzan Rowe
Roland Richard Roy
Fred S. Rozell
Beverley Ann Rubenstein
Verlie Mae Ruffin

DEGREE OF
MASTER
OF ARTS
CANDIDATES — FALL TERM, 1973

Education

A. B. Dalimonte
JoAnn F. Davis
Jon Walter DeGraaf
Paulo de Tarso Correia
Linda DeSantis
Alma Lorraine Downie
Richard Dugan
Edward James Elliott
Robert E. Farrer
Richard Anthony Farver
Robert Culver Frears
Thomas Allen Cote

Organization

Karen Fitzpatrick Ruschmeier
Michael Kenneth Ryan
Ann Salka
Chester Earl Sanders
Gerladine Marie Sang
Tajuldin Mohammed Sawas
Cornelia S. Schnarch
Patricia Brothers Schroth
Jamie Lynn Schutt
Julianne René Searing
Larry C. Sebastian
Christine Larsen Shafer
Joseph Richard Shaltrcy
Dixie Ald Shamp
Charles Arthur Shelley, Jr.
Judy E. Shepard
William A. Shepard III
Thomas Jacob Shick
Esther Judith Weitzner
Teresa M. Simon
Margaret Marie Sims
Donna E. Six
Alice Marie Skeberdis
Ronald Lee Skorich
Jean Sladkin
Karen Sleane
Carol Grace Smith
Douglas Rex Smith
Gertrude Kloosterman Smith
Marie Ann Smith
Mary Marcella Smith
Sylvia Charmaine Smith
Richard Charles Snod
Linda Louise Snyder
Yanee Sornchai
Daniel Breece Spencer
Augustus General Spight

Lynn Joseph Hanisko
Doris Elaine Harper
Beata Estby Harris
Estelle Ordella Holman
Harris
Eugene Henderson, Jr.
Paula Marie Honsenthal
Cameron B. Howie
Tippawan Indragajita
Karen Susanne James
David Johnson
James Howard Johnson
Donnchitt Kalumpakorn
Donnie Karsh
Louise Hisayo Kawanuki
Susan Itoko Kaya
Roberto Arturo Kihn
Scott Fredrick Koenig
Mark Eugene Kramer
Audrey B. Ali Kukhun
Margot E. Kurtz
Gary Martin Larsen
COLLEGE OF EDUCATION

DEGREE OF ARTS

BACHELOR

Education (Continued)

James Paul LeCureux
Harriet Ann Lewinter
Janice I. Lind
Michael William Little
David C. Ludema
Linda Chung-Fan Ma
Donald Byung MacDonald
Boyd Alyn Mackus
Justina Mitchell Matthews
James Marshall Meyerle
Rex Dale Miller
Elaine Marie Moehring
Pamela Jean Munroe
John Christopher Murphy
Jim Nooyinsai

Arlene Ann Oetman
Duane Joseph Pa-Jak
Olga G. Pasciunas
Christina Riddle
Frances Ann Roberts
Elfrida S. Rose
Barbara Anne Sallee
Warren Ralph Scheibe
Barbara Jacob Scott
Janie Mae Shack
Catherine Zebadah Shelby
Audrey Ann Smigay
Susan Jane Smith
Mereta Ann Spitzer
Robert Charles Steinman
Noavit Suwanik
Ronald Milton Swift

Michael James Tanguay
Gerald Robert Tanner
Terrance Gerard Taylor
Jean Najkowski Teets
Gloria Jean Thompson
Marie Craig Turner
Margaret Reiner Vangeli
Joel Lee Van Roekel
Geraldine Burns Vaughns
Mary Ygnacia Vazquez
Mary Watson Wallace
Steven R. Warrington
Sharon Kiyomi White
Karl Edward Wilson
Nancy Barry Wotkins
Howard L. Wright
Pauline Mary Yonkey

Elementary Education

Michelle Sylvia Allen
Rozella Davis Amerson
Cynthia Elizabeth Anderson

H**Sharon Marie Anderson
William Joseph Anuszkiewicz
Nancy J. Aquadro
Panela Louise Arnhot
Kathryn Ann Aulbach
Marguerite Ann Badamo

**Elizabeth Ann Berry
Patricia Helen Bilek
Sharon Kay Bimer
Emily R. Blicharz
Carolyn Quincy Brice
Cheryl Lou Briggs
Jackie Lynn Brower
Constance Elizabeth Brown

**Julie Ann Buchholz
Jeanne Marie Burns
Ronald John Cardinal
Charletta L. Caver
Gerald Frank Chabica

Judy Ann Clark
Janet Sue Compton
Susan Jane Davenport
Lauran Lynn DeAlteris
Mitzi Marie Deighton
Suzanne Marie Ducharme
William Evans
Winfred Vanessa Evans
Lawrence Alan Fatt
Anne Caroline Fischer
Patricia Anne Fischley
Julie Sandra Fortgang

Margaret Dae Frank
Susan Nena Freilich
Charisse Lynn Fulton

**Lynell Marrie Gauger
Kris Markel Gerish
Toni Jean Goriesky
Margaret Ellen Hahn

Julie Beth Hall
Sheryl A. Harris
Sandra Marijten Haskins

Joyce Lynn Hemingway
Patricia A. Hoezee
Jo Ellen Hoffman
Carolyn L. Hoggis
Janet Clark Holland
Nancy Ann Howarth
Jean Marie Hubbell
Nancy Jenkins
Nicole Catherine Joyaux
Mary Sue Kanous

Mary Ida Karns
Kathleen Ann King
Rachel K. Kinsley

**Therese Lynn Koehler
Bruce Lawrence Koontz

H**Christine Elizabeth Kump
Rosemarie Kay Larson

Wendy Lee Lashorn
Kathleen Gall laughter
Daryl Jan Lindell

Joyce Ann Love
Linda Dianne Lowry
Debra Jean Lycos
Robert Paul Marski
Cheryl Ruth Martin
Clara M. Martin
Karen Jeannette McCardel

Judy Perry McLane

**Robert Raymond Michalski
Susan Ilene Michelosn

H**Bonnie Lou Miller
Janet Ann Miller
Maie Helen Miller
Daphnia Marie Missad
Susan Jane Morey
Sharon Elizabeth Morgan

**Kathy Mrozowsky
**Cynthia Lynn Muir
Patricia Rosamond Mulanix
Betty Ann Nichols

**Gerald Frederick Nickel
Sharon Marie Noll
Diane Lee Novak
LuChinda Ann Novakowski

**Linda S. Oroz

Carol Ann Pasant
Rebecca Susan Pobocik
Carolyn Ann Pope
Gordon William Povers
Nancy Marie Powors
Plas Andrew Presnell
Mary Suzette Prevost
Merrie Pat Pribanow
Celia M. Rathbun
Patricia Jane Reeves
Maria M. Rina
Jill S. Rivalent
Mary Kathleen Roach
Nancy Lynn Root
Judith Kay Ruch
Patricia Marion Russell
Janice Ilene Schimmoski
Terrell Mae Schuillng
Vince Ray Scott
Sandra Marie Seeburger
Melinda Sue Sharp
Eleonore Lacelle Sharpe
Connie Kathleen Shaw
Geraldine Shepard
Jane Whiting Sheppard
Carolyn Ann Shorky
Michele Darlene Black
Bevery Jan Smith
Kenneth William Tarrant
Robert Lois Templeton
Judith A. Terbrack
Enma Marcia Thaxton
Denise Marie Thomas
Rose Mary Tolbert
Joseph Edward Tortoriello
Richard John Tolwod Trzaska
Stephan Craig Turner
Barbara Jeanne VanOs
Kay Ellen Volz
Gregory Dean Weatherspoon
Elwanda Wigginton
Rebecca Lynn Zurbrick
Young
Mary Lou Zamora
Nancy Ann Zeissner
Joyce Lynn Ziegler

H Honors College
* With Honor
** With High Honor
§ Posthumously
DEGREE OF
BACHELOR
OF SCIENCE

Health, Physical Education and Recreation
Nancy Jane Atkinson
Dorothy Louise Bowden
Michel A. Chaurest
Joel William Cooper
Brian Kenneth Iseler

Paul F. Knoll
Mark Alan Maxwell
Jacqueline Jacqwillia Minor
*Sara J. Morris
Lewis Eugene Pavlik
Douglas Allen Phelps
H**Judith Kaye Spraggs

**Kay Ann Stanek
Dana Lynn Stoll
Maureen Ann Straebel

Industrial Arts
Erick Christopher Gottschalk
Donald Clarence Meissner

H Honors College
* With Honor
** With High Honor
GRADUATED SUMMER TERM, 1973

Advertising
Elizabeth Kornel Darago
Duane Edward Dub
Marilyn Sara Goldman
Hugh Everett Hufnagel
F. Michael Koch
Russell Stuart Rowe
Susan Lee Schaffer
James Aryan Thorpe
Lori Ellen Goldberg
Carol Lynn Guillaume
Patricia Marie Hughes
Nancy Carol Kurth
Pamela Ann Lang
William James McIlquham
Nancy Helene Berinsky
Morgenstern
Nancy Ann Low Mosher
Patricia Pee Olson
June Kathleen Oster
Barbara Ann Piskcher
Susan A. Schultz
Betty Garner Sherman
Christine K. VanPatten
Kathleen Ann
VanRavenswaay

Communication
Marc Thomas Dedenbach
James William Hesse
Josephine R. Johnston
J. Janelle Shubert

Takahashi Tsuneyasu
Charles Taylor Woods

Journalism
John Alfred Kaufman III
Ilia Millagros Laborde
William W. Lutz
Robert Joseph Truscello

Television and Radio
Thomas John Bennett
Donald W. Bishop
Robert Marshall Burke
Diane Kathleen Hickey
Darryl Howard Kuhnle
Alfred Harold Lehmann
Donnell Moorer
James R. Respress
Michael Thomas Rodgers
Stanley Joseph Staniski, Jr.
Robert Edward Walker II
Thomas Edward Wisniewski

CANDIDATES — FALL TERM, 1973

Advertising
John Charles Burke
Gerald Francis King
Lyssa Lawrence Newhall
Nancy Lois Tschirhart
Lois Anne Yeagley
Dan Henry Zimmerman
Nancy Jane Orlandoni
Janet Elaine Steffes

Communication
David Charles Bender
Elena Antoinette Cappella
Joanne Frances Conklin
Dolores Purdum Goekle
Gary Robert Hald
James Henry Nyenhuis
Richard Raymond Reagan

Darel D. Reed
Gary Wallace Selnow

Journalism
Samuel Stewart Wetmore

Television and Radio
William Albert Anderson
Kevin James Brady
Jan Marchetia Johnson
Robert Alan Protzman
DEGREE OF BACHELOR OF ARTS

Advertising
Kirk Elwyn Babcock
H Maureen Elena Beninson
Paul Henry Butzler
*Jacalyn Ann Cunio
Robert Mitchell Foote, Jr.
H* John Michael Greening
Kathleen Ann Griffin
John Jay Linsey
Nancy Ann Lumsden
Jane Anne Lonkas
David Michael Marsh
Robert Ray Martin
Gary Alan Meek
Donald Earl Perry
James Robinson
Susan Kay Schalon
Charles Lee Smith
*Joyce Carolyn Smith
*Janet Ann Thomas
Robert Alan Vondale
Mark Anthony V'Soske

Communication
Kim Robert Grice
John Charles Heredia
Dennis Michael Hutting
Stephen Robert Lafler
Lee Darryl Lockwood

*Janice Beth Binkert
Madelyn Marie Bridget
Deborah Ann Calkins
Stephen Giegerich
Randall Robert Gillett
Sharon Anne Hanks
Alexander A. Hoag
*Joseph D. Riccio, Jr.
Eugenia Zerbinos Smith
*Thomas R. Standley
Joseph Ford White

*Janice Beth Binkert
Madelyn Marie Bridget
Deborah Ann Calkins
Stephen Giegerich
Randall Robert Gillett
Sharon Anne Hanks
Alexander A. Hoag
*Joseph D. Riccio, Jr.
Eugenia Zerbinos Smith
*Thomas R. Standley
Joseph Ford White

Journalism

*Janice Beth Binkert
Madelyn Marie Bridget
Deborah Ann Calkins
Stephen Giegerich
Randall Robert Gillett
Sharon Anne Hanks
Alexander A. Hoag
*Joseph D. Riccio, Jr.
Eugenia Zerbinos Smith
*Thomas R. Standley
Joseph Ford White

Television and Radio
Norris Holland Barr
Arthur Francis Bell
Catherine Marie Carpenter
David Pitcher Emmett
Susan Kay Johnson
William Arthur Madalin, Jr.
James Robert Maggio
*Michael Gary McIntire
Cheryl Lynn Mitz
Michael Craig Moody

Audiology and Speech Sciences
Patricia Suzanne Molnar
*Sandra Beth Pasmanter

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

Richard E. Sullivan, Dean

GRADUATED SUMMER TERM, 1973

Art Education
Sharyn Austin  
Aveys C. Holmes Baldwin  
Frances Carol Dittrich  
Joanne Boxell Evans

Art History
Virginia Maloof Cascarilla  
Tobey Ellen Rosenzweig

English
Danny Lee Bell  
Jeffrey M. Gamso  
John Michael Houghton  
William Richard Knox  
Patricia Ann Mathis  
Dixie Pearsall Olmstead  
Jacqueline Elizabeth Orsagh  
Paul R. Smyth  
Sharon K. Thomas  
Thomas Edward Wisniewski  
Frederick Paul Zirm

English - Secondary School Teaching
Thomas Emmet Carstensen  
Sara Culver Elgammal  
Elaine Shane Flore  
Andrea Donahue Hagedon  
Miriam Carol Skurnick  
Dawn Anema Vanderveen  
Christopher Stephen Walczak

French
James Robert Keating  
Irene Reinderdina Konyndyk  
Sharon Lee Shaffer

German
Susan Jane Dickinson

History
Howard Lynn Crowder  
Ronald William Eidsforth  
Richard Ormand Flynn  
Heinz H. Harke  
Theodore Lubowsky  
William Joseph Murphy

History - Secondary School Teaching
Bernie William Wagers

Linguistics
Marilou Peterson Ell  
Gerda Frank  
Anuradha Anil Hingwe  
Lorna Jean Wilson

Philosophy
R. Dean Bishop  
David Alvin Peters  
Eric Ledell Smith

Theatre
Sherry Jeanne Caldwell  
Charles Steven Spencer  
G. Les Washington

Music Composition
Sharon Marie Johnson  
Michael Lewis Lorenz  
Jeffrey Lynn Prater

Music Education
Barbara Ruth Damasevitz  
Frank K. DeWald, Jr.  
Harold Norman Fisher  
Barbara-Ann Harfosh  
Richard J. Landman  
John Arthur Lower  
Richard Charles Sung  
David Henry Schripsema

Art Practice
Judy Jashinsky Finfer  
William Courtney Strudwick

Applied Music
Mary Louise Black  
Judith Lee Connelly  
Allen Lyle Dilley  
James Albert Fischer  
Fairya Louise Mellado  
Dennis Quentin Nygren

Theatre
Earl Gordon Stringer

DEGREE OF MASTER OF ARTS

DEGREE OF MASTER OF FINE ARTS

DEGREE OF MASTER OF MUSIC
CANDIDATES — FALL TERM, 1973

Art History
Elizabeth Lathrop Anderson
John Patrick Forbes
Donna Ticchi Herlehy
Lily La Lee

DEGREE OF
MASTER
OF ARTS

English
Joanne Mary Devine
Edris Beryl Dickerson
Drew H. Fishburn
Joyce Faye Haner
John Taylor Juel
Joyce Redding Karosi
Oren Samuel Lloyd
Sharan Hill Newman
Quentin Charles Reader

DEGREE OF
MASTER
OF FINE ARTS

English - Community
College Teaching
Mae Frances Stubbs

DEGREE OF
MASTER
OF MUSIC

Applied Music
Cora E. Enman

DEGREE OF
BACHELOR
OF ARTS

American Studies
**Carolyn Robertson Urick

Art History
Pamela Ann Bond
Ruth Ann Peebles
Karen Ann Serota

Art Practice
*Marilyn Lee Hulce
*Bonnie Lee Marris
James Gerard Phillips

English
Anthony Michael Abruzzo
Shelly Rae Adair
Diane C. Brandt
Gloria Jean Crockett
Cissie Patricia Fulligant
Dorothy Elizabeth Glasson

**Suzette Elaine Hilton
**Phyllis Eyer Keon
H**Jon R. King
William Alexander McGehee
Lawrence Mark McKenna
Cynthia Turchetti
Alan Andrew Zachwieja
Janice Marie Zerfas

French
Elizabeth Burrows
Huntington
*Linda Lee Jackson

History
Pamela Denise Boynton
Elam L. X. Brown
*Richard Alan Conroy
Roy Russell Dougherty

**Marilyn Brady Mikasko

Linguistics
Donald George Churma
Meiko Inouye
Lily Lih-Lih Wang

Musicology
Stuart Jay Ouwinga

Philosophy
Jorg Baumgartner
James Louis Campana
Ahmed M. El-Har
Alan James McBeth
Leslie Joseph Mezei

Spanish
Virginia Lynn Beetham

Theatre
David Leo Stenzel, Jr.

Linguistics

**Anthony Belmont Beal
David Charles Beglinger
Robert Joseph Hermann, Jr.
Rae Jensen Hubbard
*Jeanne Anne Weaver
Michael R. White

Humanities - Prelaw
*Karen Rae Gardner
Douglas McPherson
Stephen Perry Powell
Rosendo C. Reyes
*Bruce Rudolph Wahlen
# College of Arts and Letters

## Degree of Bachelor of Arts

| Philosophy                  | DEGREE RECOMMENDED | H** Ingeborg Maria Hale
|                            | JOINTLY WITH THE  | **Lois Lorraine Stonehouse
|                            | COLLEGE OF EDUCATION| Robert Edward Wylie
| Religious Studies           | Art Practice       | **German
| H** Julianne Mary Smendzuik | Peggy Lee Conley   | **Elizabeth Kim Arens
| Spanish                     | Susann Lynn Cook   | History
| H* David Clare Bellville    | Robert Charles Cullen| Janice Marie Brown
| Ramiro Daza                 | Donna Jo Favreau   | *Douglas Wayne Carl
| H** Suzanne Hoenshell       | Kathryn Jean Kinney| *Dan Edward Gould
| Theatre                     | Nancy Elizabeth McDonald| Michael John Rutkowski
| Trudy Lynette Bean         | Mary Helen Peelle  | Theatre
| * Gerald L. Blanchard      | ** Margaret Rose George| James Thomas Allen
| Kathleen Ann Dailey        | * Anne Marie Giardina| Maureen Therese McElheron
| Juanita Regino Suarez      |                     |

## Degree of Bachelor of Fine Arts

| Art Practice                | **Dona Faith Meltzer |
|                            | * Lanene Marie Smith |
| Colleen D. Berns           | ** Sara Marie Spelman|
| Sally Elizabeth Chapman    | * Mary Ellis Storrer |
| * Barbara Drusilla Gudgeon | * Jane Marie Underhill|
| * Kyle Ann Kohler          | * Daniel John Wykes |
| Michael McClain            |                     |
| * Bernard Hugh McPeck      |                     |

## Degree of Bachelor of Music

| Applied Music               | DEGREE RECOMMENDED | Ronald Fane
|                            | JOINTLY WITH THE   | * Roger Alan MacNaughton
|                            | COLLEGE OF EDUCATION| School Music and
|                             | Music Therapy      | Music Therapy
|                             | School Music        | Charles Emerson Whiting, Jr.
|                             | * Deborah Lee Artis |                     |
| H** Catherine Britton       | Sandra Lynn Doughty|                     |
|                             |                     |                     |

## Degree of Bachelor of Music Therapy

| Music Therapy               | **Thelma Clintina Hankerson |
|                            | Lenore Kay Harriman       |
|                             | Marie Elana MacCord       |
|                             | Joan Marie Sarrazin        |
|                             | Mary Beth Welsh           |
|                             | DEGREE RECOMMENDED | **Ingeborg Maria Hale
|                             | JOINTLY WITH THE   | **Lois Lorraine Stonehouse
|                             | COLLEGE OF EDUCATION| Robert Edward Wylie
|                             | Art Practice       | **German
|                             | Peggy Lee Conley   | **Elizabeth Kim Arens
|                             | Susann Lynn Cook   | History
|                             | Robert Charles Cullen| Janice Marie Brown
|                             | Donna Jo Favreau   | *Douglas Wayne Carl
|                             | Kathryn Jean Kinney | *Dan Edward Gould
|                             | Nancy Elizabeth McDonald| Michael John Rutkowski
|                             | Mary Helen Peelle   | Theatre
|                             | ** Margaret Rose George| James Thomas Allen
|                             | * Anne Marie Giardina| Maureen Therese McElheron

# Honors College

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

## GRADUATED SUMMER TERM, 1973

### DEGREE OF

<table>
<thead>
<tr>
<th>MASTER OF ARTS</th>
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<tbody>
<tr>
<td>Mathematics</td>
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<tr>
<td>Gary L. Snyder</td>
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### DEGREE OF

<table>
<thead>
<tr>
<th>Biological Sciences</th>
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<tr>
<td>Robert John Franz</td>
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<td>John Robert Moore</td>
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<tr>
<td>Mildred Jane Plamondon</td>
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<tr>
<td>Matthew J. Spence</td>
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<td>Linda Lee Stupfel</td>
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<td>Paul Douglas Woolley</td>
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<th>General Science</th>
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<td>Thomas Paul Feuerstein</td>
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<td>Ronald Ellis Kemp</td>
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<th>Planetarium Education</th>
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<td>Charles Justice Percival II</td>
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### DEGREE OF

<table>
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<tr>
<td>Botany</td>
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<td>James Alan Reiffer</td>
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<td>Elizabeth Irene Pupko</td>
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<th>Geology</th>
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<td>Nancy Ayanak</td>
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<td>Thrasos Eftaxiadis</td>
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<th>Physics</th>
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<tr>
<td>Jean Anne Guile</td>
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<td>Wan-Yok Wanfarsianz Hioe</td>
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<td>Robert Wayland Matson</td>
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<td>John Robert Pond</td>
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<td>Ramon Ramos</td>
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<td>Noel Adair Walker</td>
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<td>Donald Paul Christian</td>
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<td>Roger W. Mustalish</td>
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<th>Zoology</th>
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<td>Mary Evans Lehnert</td>
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<td>Roger W. Mustalish</td>
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</tbody>
</table>

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## COLLEGE OF NATURAL SCIENCE

### CANDIDATES — FALL TERM, 1973

#### Biophysics
- Theodore Edward Miller

#### Botany
- Marina Inn Chiang
- Peter Jonathan Felker
- Karen Lee Klomparens

**DEGREE OF MASTER OF SCIENCE**

#### Chemistry
- Bing Lun Lam
- Michael Kenneth May

#### Mathematics
- Suzanne Marie Jennings

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

#### Mathematics
- H*Elisabeth Ann Buchheister
- James Edward Vidro

#### Astrophysics
- H**Thomas Donn Gottschalk
- H**John Randolph Meyer

#### Biochemistry
- H**Karen Ruth Cordry

**DEGREE OF BACHELOR OF SCIENCE**

#### Botany
- Gary Milton Foster

#### Chemistry
- **Paul H. Zoutendam

#### Geology
- Bruce Roger Bloom
- Kenneth Lee Brewster
- Vivian Kay Bust

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

#### Entomology
- Thomas Anthony Bowling
- Clarence H. Collison
- E. Richard Hoebeke
- Daniel Keith Young

#### Geology
- Kim Kathleen Ryan

#### Mathematics
- Allen Jay Beadle
- Daniel Howard DeCelles, Jr.

#### Microbiology
- John Joseph Frederick
- Robert Marion Soltysiak

#### Physics
- Paul D. Brindza
- Jerry J. Metters
- Paul Alexander Smith

#### Physiology
- Ann Haviland Collingsworth
- Lindsey James Grandison
- David William Samanen

#### Statistics
- Kin Keung Lai

#### Zoology
- Richard Dean McArthur

#### Earth Science
- Carol Lynn Van Pelt

#### Biological Sciences
- Lena Helen Chandochin
- Patrick Lincoln Maynard

**Physiology
**Peter Walden Rathmann

**Zoology
**Michael Eugene Izdebski
COLLEGE OF SOCIAL SCIENCE

CLARENCE L. WINDER, DEAN

GRADUATED SUMMER TERM, 1973

DEGREE OF
MASTER
OF ARTS
FOR TEACHERS

Anthropology
Jeffrey Paul Tordoff
Lesley Dargin
Vincent Joseph Hoffman
Josephine Pottinger
Patricia Eileen Thompson

Geography
Sr. Susanne McDonald
Michael David Nutter
Jacobelyn De Young
Larry James Ford
Donald Edward Hieftje

Social Science
Fred Link

Sociology
Deborah Jean Mackson
Jacquelynn Gladys Williams
Rhodes
Marietta Morrissey Gamso
Astair Gebremarim
Sangchul Kang
Phillip Anthony Salopek

DEGREE OF
MASTER
OF ARTS

Psychology
Charles Hawkins Brown
Charlene Mary Callahan

DEGREE OF
MASTER
OF ARTS

Geochemistry
Sr. Susanne McDonald
Michael David Nutter

DEGREE OF
MASTER
OF ARTS
FOR TEACHERS

Jeffrey Alan Brandwine
David John Cichelli
Leon Cukierman
Alfred Brooks Darling
Robert J. Glees
Ronald Lee Golumbeck
Patrick John Hunt

John Paul Koehler
James Benjamin Lawrence
Daniel Jay Norton
Timothy Stocker Null
Charles C. Parke
James Michael Pruett
Stephen Roderick Robertson

David B. Stein
Richard Howard Stern
Ronald James Symkowiak
M. Kent Taylor
Victor Emmett
Van Audenhove
Chrys Warren Zaglifa
## COLLEGE OF SOCIAL SCIENCE

### DEGREE OF MASTER OF SCIENCE
- Jay Stuart Berman
- Elizabeth Louise Bruhn
- William H. Dunman, Jr.
- Hassan Abdel Rahman
- "Elrabity"

- Richard William Ives
- Richard John Prato
- David Bruce Reed III
- Griffin Harold Rivers
- J. Richard Snetter
- Sydell M. Spinner

- Robert Charles Spratt
- David Lawrence Steeno
- Gene Miller Tate
- William Roger Waldrop
- Robert Edward Weltzer, Jr.

### DEGREE OF MASTER IN SOCIAL WORK
- David Lee Jinkins
- Lula Tassin King
- René Antoine Treves

### DEGREE OF MASTER IN URBAN PLANNING
- William Allen Brehm, Jr.
- Don Lee Craig
- James Phillip Fleischmann

- Charles Edmund Hafenstricker
- Chaval Lochaya

- James Alan Ragsdale
- Philip Hampton Wheeler

### CANDIDATES — FALL TERM, 1973

#### Anthropology
- Marsha Ann Bates
- Janet Gail Brasher

#### Geography
- Mohammed Hussein Al-Fiär
- Luis Eduardo Aragón Vaca
- William Roger Buckler
- Robert Emery Dickson
- Ru-Haw Lay
- Arthur Avery Totten
- David Vozka

#### Political Science
- John W. Anderson

#### Psychology
- Bette Bedden
- Melvin Randolph Berg
- Freida A. Brown
- John Edward Budnik
- David William Carroll
- Michael Sean Denny
- Carol Jean Ducat
- Fred Fallik
- William Henry
- Greenwood III
- Stuart Oliver Hallgren

#### Social Science
- Thomas Lee Kodera
- Genice Loretta Rhodes
- David Morris Schnarch

#### Sociology
- John Kenneth Belaski
- Larry Lynn Foster
- Lorna L. Holcomb
- Dulce Maria Jiménez-Abreu

#### Anthropology
- Phillip Lynn Bruneel
- Gregory Dela Cruz
- Linda Marie Farina
- David Robert Fletcher
- Michael Francis Laurence
- Marc David Lemmerman
- Kristine Ann Lindholm

#### Political Science
- David Allan Palkovich
- John Patrick Polidori

#### Psychology
- Steven James Pollok
- James Robert Schutz
- Robert Carle Thiesing
- Gary Lee Van Eerden

#### Sociology
- Michael Peter Nagy
- Pamela Jane Schwingl
- Diane Ellen Seagreaves
- Clark Eldridge White

#### Anthropology
- Jerome Gaylord Boles II
- Peter James Burns
- John H. Cease

#### Political Science
- Thomas Ray Harmon
- James Alan Keyes

#### Psychology
- Edward C. Patillo
- Kathleen Susan Raab
- Thomas A. Rossman
DEGREE OF
MASTER OF
SOCIAL WORK

DEGREE OF
MASTER
IN URBAN
PLANNING

Anthropology
James Otto Gower
**James Martin Stefanick

Geography
H**William Patrick Craft
James Bowne Scofield

Political Science
Benjamin F. Blake
*Rob Eppert
Michael Charles Fildey
Robert Pastor Gomez
H**David Lynn Gray
Richard Henry Haines
Philip Theodore Hirsch
Colleen Mary House
David Michael Jordan
Kaye Benjamin Martin, Jr.
Eric Marx Matteo
John Alan Moser
Michael Thomas Neiss
*Charles Anthony Nicholson
William Carl Olsen
Maxie Lynn Patterson
E. Sonja Sullivan
Colleen Ann Weirauh

Psychology
Louis Henry Bantom, Jr.
*Russell Charles Benson
Heidi Jean Bon
Veronica LaJean Carter
Yvonne Simmons Carter
*Joan Marie DiGregorio
Gilberto Dominguez
**Florence Faye Finnhaber
Raymond Allen Hall
**Larry Steven Hauser
James Michael Hoban
*Linda Louise Hungerford
Karen L. Kaenn
Jeffrey Alan Kaylor
Margaret Ann Kirland
H**Karen Esther Klefstad
Kim Alane McCormick
Janell Patrice McDuffie

Bonnie J. Murray
Yvonne Norman
Charles Douglas Ogar
Randall Lee Seaver
Philip Alan Shannon
Alan Francis Sniadecki
Brent L. Steiner
Deborah Kay Stentz
**Claude William Tournay
*Michael L. Ward
*Douglas Charles Weld
*Patricia Rae Wittzak
Lawrence Joseph Zimmerman

Social Science
Stephen Marshall Bond
Addie Kathleen Burroughs
Stanley Robert Bush
Shirley Ann Campbell
**Larry Richard Chapman
Michael Allen Corbin
Yvonne Criss
Sam Lee Davis
Patricia May Delbeke
Kenneth VanNorman
Ferguson
Grover Lastron George
Bruce Howard Harmesen
David Alan Holforty
Gregory Allen Johnstone
Kris Albert KeyDel
*Carole Marie Lockett
Allen William Maki
Timothy Elis McDaniel
Charles Edward McMilan
Kris Lyndon Mills
Carol Lynn Morey
Robert Edward Niksa
Rodney Lane Peterson
Michael Thomas Piper
Barbara Lou Schurman
Jack Russell Schwab
Sue Ann Sensiba
*James Mason Spillane
Mark Lester Stevens
Rebecca Anne Stuk
Douglas Lee Thalman
H**Larry Paul Thelen
Harold Timberlake II

*Julie Kay West
Eugene Edward Whiteley
Charles E. Woodruff, Jr.
William Craig Zylstra

Sociology
Clinton Fort
H**James George Gross
Emma Diane Hill
Richard Thomas Kuszmar
Pamela Joan Miller
**Sylvia Jo Waddell
Dennis L. Yashinsky

DEGREE RECOMMENDED
JOINTLY WITH THE COLLEGE OF EDUCATION

Social Science
Barbara Jean Currie
Robert Scott Dubols
Edward Bert Dutcher
Ronald John Fink
Elaine Marie Herbert
Jeanne Ann Munn
Jane Elizabeth O'Sullivan
Loni Jane Smith

H Honors College
* With Honor
** With High Honor
Anthropology
Barbara J. Turner

Criminal Justice
Michael Lockwood Adams
Kenneth James Baker
Lawrence Edward Baran
Fred Lewis Barbrick
David William Beech
Michael Stephen Bilski
Dennis Lee Bolling
Martin James Bosch
John William Broughton
Keith Irving Chandler
James Christopher Exarhos
Donald John Falconer
Gary Mark GintHER
John Frank Harry
Thomas J. Hendricks
William Foster Jones
Charles Arthur Judson
Marilyn Joan Kuhn
Barbara J. Lohr
Mark Alan Leslie
Ronald D. Dimon Lyon
Linda Jane Lyon
Robert William Miller
Donald Jay O'Farrell
Scott Lee Pavlich
Roger Emilio Ramirez
James Lee Rosema
Linda Diane Sauti
H** Linda Susan Saoud
David Jon Schipper
Gail Marie Schultz
Ann Adele Seyler
Joy Lynn Smith
Terry Michael Tatro
Patricia Ann Tintara
Dennis Ray Saari
*Lawrence Edward Baran
Michael Stephen Bilski
*Keith Irving Chandler
*James Christopher Exarhos
*Donald John Falconer
*Gary Mark GintHER
John Frank Harry
**Thomas J. Hendricks
*William Foster Jones
*Charles Arthur Judson
*Marilyn Joan Kuhn
*Barbara J. Lohr
*Mark Alan Leslie
*Ronald D. Dimon Lyon
*Linda Jane Lyon
*Robert William Miller
*Donald Jay O'Farrell
*Scott Lee Pavlich
*Roger Emilio Ramirez
*James Lee Rosema
**Linda Susan Saoud

Geography
John Frederick Ferency
Timothy John McMann
Glen Adrian Walls

Landscape Architecture
Robert Steven Petko

Psychology
Michael Duane Babcock
Miguel Angel Berrios
John J. Beukema
Janice Ruth Breckenridge
Vicki Lynn Campbell
*Catherine Louise Corneal
*Karen Ann Crittenden
*Jeff D. Crosthwaite
*John Andrew Davis
*Mickey Singer Davis
*Johanne Sue EtKIN
*Denise C. Filer
*Don Carl Fitzsimons
*Kenneth Gellerman
*Janet L. Johnson
*Charles Clare Knickerbocker
*Marianne Kramarz
*David Ronald Kuhn
*Richard Vance Lee
*Edward Charles Lublow
*Archie Lee MacGillivray
*Douglas K. Martin
*James Andrew McKenzie
*Terralynn McNa
*Sharon Elizabeth Meng
*Jeffrey Drew Miller
*David James Mokler
*Rita J. Mousseau
*Joel Lawrence Pelavin
*Michael James Peters
*Donald Sherman Reynolds
*Edward Wayne Reynolds
*Robert Sigmund Rostek
*Nancy Ann Skoll
*Robert Stephen Thornton

*H** Felicia Maxine Williams
Irving M. Williams
Roger John Wilson
Stephen Craig Wright

Social Science
Jay Scott Becker
Karen Lee Dziegeleski
Gene H. Fasslau
Charles William Fitch
Jeffrey Lloyd Hamm
Christina Ann Hodge
Frederic George Hulce
Philip Henry Levin, Jr.
Anne MacDonald Korth
Joseph Paul Mathews, Jr.
David DeVere Miller
Elliott Thomas Moore
Glen Alan Paraskevin
Richard John Park, Jr.
James Kent Richardson
Vernon Leon Shadd
Keith Lynn Shafer
Stephen David Tibai
Robert Gene Vaughan
Susan Annette Winnicker

Sociology
Bruce Kirby Alexander
Laura Katherine Fortino

*H** Lola Jean Kozak

Urban Planning
Thomas Martin Beverly

DEGREE RECOMMENDED
JOINTLY WITH THE COLLEGE OF EDUCATION

Social Science
Charles David Lawson
William Richard Palmiter
COLLEGE OF
HUMAN MEDICINE

ANDREW D. HUNT, JR., DEAN

GRADUATED SUMMER TERM, 1973

DEGREE OF MASTER OF SCIENCE
Clinical Laboratory Science
Lillian W. Abadeer
George Leslie Vandulek

Microbiology and Public Health
Grace Elizabeth Denton

Physiology
Glenn William Jelks
Gary Frank Merrill

CANDIDATES — FALL TERM, 1973

DEGREE OF DOCTOR OF MEDICINE
Bruce Michael Aikin
Larry Eugene Davis
Peter Michael Finkelstein
Vaughn Wesley Folkert
Martin James Francis Hrynick
René Gilbert Jaso
Richard Allan Kempf
David Foster LaRochelle
Mary Moelker Neering
Alan David Neiberg
Michael J. Quigley

James Ford Riopelle
Loren Lee Ruscher
Udoro Cari Uwedjojewwe
Chris Adi VanSickle
Frederick Michael Vincent

DEGREE OF MASTER OF SCIENCE
Anatomy
Larry Frederick Hemken
Barry Dean Stringfield

Clinical Laboratory Science
Vida Mendoza Amog
Patricia Enid Gardner

Microbiology and Public Health
Martha Ann Harris

DEGREE OF BACHELOR OF SCIENCE
Human Medicine
Jose de Jesus Treviño

Medical Technology
Deborah Ann Albee
Elizabeth Howard Aldrich

* With Honor
JUSTIN MORRILL COLLEGE

D. Gordon Rohman, Dean

CANDIDATES—FALL TERM, 1973

DEGREE OF BACHELOR OF ARTS

Michael James Bacon
*Karen Kathleen Bazner
Robert Oscar Blunt
*Cathy Jo Brown
*Christopher Reid Buzan
**Diane Lois Cooper

*Kathleen Frances Davis
*Cathy Lee Ewbank
Keith Patrick Fleeman
Jessica Marie Gleason
*Charles Brewer House III
*Kathleen T. Hughes

James Tomlinson Karas
*Elizabeth Ann Niemeyer
Argelio Benjamin Perez
H*Richard Serber Plattner
*Barbara Jean Reynolds
**Jessica T. Scheer

H Honors College
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** With High Honor
LYMAN BRIGGS COLLEGE

Michael J. Harrison, Dean

CANDIDATES — FALL TERM, 1973

DEGREE OF BACHELOR OF SCIENCE

H** Bryan Robert Benedict
*Mark Allen Dodge
James Ford
Gary Richard Lawatsch
H** Susan G. Phelps
*John Christopher Ulicny

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

H* Jill Denise Reynolds
Donald F. Tujaka

H Honors College
* With Honor
** With High Honor
JAMES MADISON COLLEGE

ROBERT F. BANKS, DEAN

CANDIDATES — FALL TERM, 1973

DEGREE OF BACHELOR OF ARTS

*Laurie Schooley Bailey
Joan Carol Bowman

*Terese Maureen Chase
Linda Marie Hathaway

**Christopher Martin James

A. Dennis Kasper
Edward Francis Knab

**Michael Joseph Maran
Michael Anthony Marks

H* Gary David Marston

H**Eugenio Carlos Romero
Marcia Louise Sleight
Richard C. Smith

H**David Edward Stevenson
H**Nancy Carol Wrona

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

<table>
<thead>
<tr>
<th>AEROSPACE STUDIES</th>
<th>Larry Raymond Borton</th>
<th>Douglas William Gager</th>
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<tr>
<td>MILITARY SCIENCE</td>
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