



COMMENCEMENT 1974
MICHIGAN STATE UNIVERSITY

THE COMMENCEMENT COMMITTEE

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DIPLOMAS WILL BE AVAILABLE FOR PICKUP AS FOLLOWS:

Advanced Graduate degreesbeginning Dec. 23—Room 150 Hannah Administration Building

Master degreesbeginning Jan. 2—Room 150 Hannah Administration Building

Bachelor degreesbeginning Jan. 8—Room 50 Hannah Administration Building

Diplomas will be released only to the degree recipients upon presentation of identification.

Diplomas not picked up by Jan. 27 will be mailed.



COMMENCEMENT 1974

Saturday, December 7

University Auditorium, East Lansing

Conferral of Graduate Degrees, 10 A.M.

Conferral of Baccalaureate Degrees, 3 P.M.

BOARD OF TRUSTEES

Michigan State University operates under the jurisdiction of a constitutional body known as the Board of Trustees. The eight elected members serve eight-year terms. Two are elected biennially from the state at large.

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

The Board likewise appoints a Secretary and a Treasurer.

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

THE HONORABLE FRANK MERRIMAN, <i>Chairman</i>	.....	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., <i>Ex Officio, President</i>	.....	East Lansing
JACK BRESLIN, <i>Secretary</i>	.....	East Lansing
ROGER WILKINSON, <i>Treasurer</i>	.....	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	<i>Maize</i>
Forest Products,	
Forestry, Packaging	<i>Russet</i>
COLLEGE OF ARTS	
AND LETTERS	<i>White</i>
Music	<i>Pink</i>
Philosophy	<i>Navy Blue</i>
COLLEGE OF	
BUSINESS	<i>Drab</i>
Economics	<i>Copper</i>
COLLEGE OF	
COMMUNICATION ARTS	<i>Royal Blue</i>
Journalism	<i>Crimson</i>
Speech	<i>Silver Gray</i>
COLLEGE OF EDUCATION	<i>Light Blue</i>
COLLEGE OF ENGINEERING	<i>Orange</i>
COLLEGE OF	
HUMAN ECOLOGY	<i>Maroon</i>

COLLEGE OF	
HUMAN MEDICINE	<i>Green</i>
JAMES MADISON COLLEGE	<i>Citron</i>
JUSTIN MORRILL COLLEGE	<i>White</i>
LYMAN BRIGGS	
COLLEGE	<i>Golden Yellow</i>
COLLEGE OF	
NATURAL SCIENCE	<i>Golden Yellow</i>
Nursing	<i>Apricot</i>
COLLEGE OF	
OSTEOPATHIC MEDICINE	<i>Green</i>
COLLEGE OF	
SOCIAL SCIENCE	<i>Citron</i>
COLLEGE OF	
URBAN DEVELOPMENT	<i>Citron</i>
COLLEGE OF	
VETERINARY MEDICINE	<i>Dark Gray</i>

MICHIGAN STATE UNIVERSITY

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

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

Now in its 120th 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 faculty engaged in teaching, research and public service, 409 campus buildings, and more than 5,100 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.

MSU is unique nationally in that the Colleges of Human Medicine, Osteopathic Medicine, and Veterinary Medicine are located on the single campus.

The Honors College, which enables superior undergraduate 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 system of 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, more than 43,000 students attend the University at East Lansing. About 85 percent are from Michigan; the remainder includes nearly 1,200 foreign students from 89 countries.

MICHIGAN STATE UNIVERSITY

(continued)

In the land-grant tradition it pioneered, Michigan State University is concerned with research and service as well as teaching. All colleges and the Agricultural Experiment Station are engaged in a wide range of research. Approximately 3,000 individual projects are in process. The University's research tools include the Control Data 6500 computer, 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.

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.

In broadening the scope of educational opportunity, MSU is building on its long experience in continuing education to develop a Lifelong Education Program which will offer University resources to persons who are educationally or economically excluded from the traditional campus programs; to those who seek new skills or wish to update present skills; and to those who wish through education to make their leisure time more productive. The Program also will enable the University to cooperate with local communities in assessing, developing, and expanding their continuing education projects.

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 on a world-wide basis. International projects have given many faculty members overseas experience, adding a new dimension to their teaching.

With more than a century of educational achievement behind it, Michigan State University continues to apply its academic and physical resources to the problems of today and the challenges of the future.

ORDER OF CEREMONIES

Graduate Degrees

PROCESSIONAL

MSU Symphonic Band, DR. KENNETH BLOOMQUIST, *Director*

AMERICA.....*Smith*

The Band and Audience

PRAYER

THE REVEREND PAUL W. W. GREEN

Eastminster Presbyterian Church, East Lansing

COMMENTS

DR. D. GORDON ROHMAN

Justin Morrill College

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 GREEN

RECESSIONAL

MSU Symphonic Band

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

ORDER OF CEREMONIES

Baccalaureate Degrees

PROCESSIONAL

MSU Symphonic Band, DR. KENNETH BLOOMQUIST, *Director*

AMERICA.....

Smith

The Band and Audience

PRAYER

THE REVEREND PAUL W. W. GREEN

Eastminster Presbyterian Church, East Lansing

INTRODUCTION OF SPEAKER

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
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(The Band and Audience)

PRAYER

REVEREND GREEN

RECESSIONAL

MSU Symphonic Band

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

HONORARY DEGREES

MARVIN E. BEEKMAN

In the years since this university awarded you a Master of Arts degree in rehabilitation counseling, you have earned a reputation as an outstanding educator. With a compassion which matches your vision of a better life for all people, you have given your knowledge and energy to improving the welfare of thousands of mentally handicapped and emotionally disturbed children. Among your many public activities, you have served as the State Director of Special Education in Michigan, and as a member of the White House Conference on Mental Retardation. The dedication and innovativeness which have marked your career enabled you to initiate the nation's first public school work experience for the mentally handicapped. The Marvin E. Beekman Center, a model center for the trainable mentally handicapped, was named in your honor and is a symbol of your accomplishment. Because of your faithful dedication to the advancement of special education, and because of the distinction which you have brought to yourself and your alma mater, Michigan State University is pleased to grant you the degree of Doctor of Laws.

EVERETT HAGEN

An educator and international developmental economist you have excelled in a wide range of pursuits. After leaving the faculty of this university in 1942 you assisted the World War II effort through your outstanding service on the National Resources Planning Board and in the Office of War Mobilization and Reconversion. Your years as a teacher at the University of Illinois were a further preparation for your distinguished career in international economy. Your authoritative publications on economic planning and development attest to your original thought and wide knowledge of your professional field. As a consultant to foreign governments, you have had an important influence on economic advancement in Burma, El Salvador and other countries. As an advisor to the Agency for International Development, you have been a valued supporter of international programs initiated at this institution. In your present position with the Center of International Studies at the Massachusetts Institute of Technology, you have added to your academic achievements on a broad interdisciplinary front. Because of your unusual career and your major contribution to resolving the economic problems of international society, Michigan State University is pleased to grant you the degree of Doctor of Laws.

HONORARY DEGREES

ELIZABETH D. KOONTZ

Through your long and faithful devotion to the advancement of women's rights and the education of minorities and the handicapped, you have contributed notably to our social progress. Your intellectual integrity and idealism have been recognized by professional organizations and by the American government, both of which have entrusted you with important responsibilities. Among your many activities you have served with distinction as president of the National Education Association, as a delegate to the United Nations' Commission on the Status of Women, as Director of the Women's Bureau in the U. S. Department of Labor, and in your present position as Nutrition Program Coordinator for the North Carolina Department of Human Resources. Your entire career as a teacher and public figure has been a sincere and dedicated life of service to humanity, whether in a small and remote school for the underprivileged or as an American delegate to educational conferences in Europe and Asia. In these undertakings, your own intense concern for human welfare has left its mark on the consciousness of others. Because of your valuable contributions to the economic and social advancement of women, and your important role in improving education in the United States, Michigan State University is pleased to grant you the degree of Doctor of Laws.

THE CANDIDATES FOR DEGREES

1974 CLASS ROSTER

This includes the names of candidates for degrees as of the close of the 1974 Fall term, as well as the names of the recipients of the Doctoral, Master's, and Baccalaureate degrees at the close of the 1974 Summer term.

Candidates are listed by School for Advanced Graduate Studies and by colleges. The colleges are arranged in alphabetical order.

SCHOOL FOR ADVANCED GRADUATE STUDIES

C. W. MINKEL, ACTING DEAN

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974

JOHN LEE ALLEN, Ph.D.

B.A., Spring Arbor College; M.A., Western Michigan University.
Psychology. Major Professor: M. Ray Denny, Professor.
Dissertation: The Role of Length of Blocking Interval, Magnitude of Incentive, and Rate of Ingestion in the Frustration Effect.

VELMA PERKINS ALLEN, Ph.D.

B.S., Mississippi Valley State College; M.Ed., Mississippi State University.
Education. Major Professor: Charles E. Henley, Professor.
Dissertation: The Design and Development of an Evaluation System for Local District Assessment of Compliance with the Michigan Mandatory Special Education Act.

CURTIS ALAN BAGNE, Ph.D.

B.S., M.S., Michigan State University.
Psychology. Major Professor: M. Ray Denny, Professor.
Dissertation: The Role of Fear-Withdrawal and Relaxation-Approach in Avoidance Responding.

WILLIAM H. BARR, Ph.D.

B.A., Wheaton College; M.A.T., Michigan State University.
Education. Major Professor: Louis C. Stamatakis, Professor.
Dissertation: College Student Development and Transcendental Meditation: An Analysis and Comparison.

FRANCIS HENRY BARRON, JR., Ph.D.

B.A., Hope College; M.A., Michigan State University.
Psychology. Major Professor: Robert A. Zucker, Associate Professor.
Dissertation: Factors Related to Continuance and Attrition Among Heroin Addicts in Residential Treatment.

WILLIAM JAMES BARRY, Ph.D.

B.S., Cornell University; M.S., Michigan State University.
Zoology. Major Professor: John A. King, Professor.
Dissertation: The Effect of Photoperiod and Temperature on Food Hoarding in Deermice (*Peromyscus*).

THERESE LABIB BEDWANY, Ph.D.

B.S., Cairo University; M.S., Purdue University.
Family and Child Sciences. Major Professor: Margaret J. Bubolz, Professor.
Dissertation: The Status of Women and Population Control: The Relationship of Gross Reproduction Rate and Selected Indicators of the Status of Women in Developed and Developing Countries.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- LYDIA AGANAN BELTRAN, Ph.D. A.B., M.A., Philippine Women's University; B.S.E., Northern Tarlac University.
Education Major Professor: Walter F. Johnson, Professor.
Dissertation: Institutional Goals as Perceived and Preferred by Selected Constituent Groups in Five State-Supported Universities in Michigan.
- YOSEF BEN-TAL, Ph.D. B.S., Hebrew University; M.S., Colorado State University.
Botany and Plant Pathology. Major Professor: Anton Lang, Professor.
Dissertation: Activation of Phosphorylcholine Glyceride Transferase by Gibberellic Acid in Barley Aleurone Cells.
- NORMAN CLYDE BETTIS, Ph.D. B.S., M.A., Western Illinois University.
Geography. Major Professor: Gary Manson, Assistant Professor.
Dissertation: An Assessment of the Geographic Knowledge and Understandings of Fifth Grade Students in Michigan.
- SAMUEL ADAMS BETTY, Ph.D. B.S., Spring Hill College; M.S., University of Illinois.
Communication. Major Professor: Everett M. Rogers, Professor.
Dissertation: Some Determinants of Communication Network Structure and Productivity: A Study of Clinic Staff Interaction in Two Philippine Family Planning Organizations.
- WILLIAM J. BIGONESS, Ph.D. B.A., St. Michael's College; M.L.I.R., Michigan State University.
Business Administration (Management). Major Professor: W Clay Hamner, Associate Professor.
Dissertation: Impact of Alternative Modes of Third Party Intervention in Resolving Bargaining Impasses.
- PHILIP ALLAN BILLINGS, Ph.D. A.B., Heidelberg College; M.A., Michigan State University.
English. Major Professor: Clinton S. Burhans, Jr., Professor.
Dissertation: John Barth's Initial Trilogy: A Study of the Themes of Value and Identity in *The Floating Opera*, *The End of the Road*, and *The Sot-Weed Factor*.
- ROCCO ANTHONY BOMBARDIERI, JR., Ph.D. A.B., Boston University; M.S., Michigan State University.
Zoology. Major Professor: John I. Johnson, Professor.
Dissertation: Single Neural Units in the Visual Cortex of the Opossum *Didelphis Marsupialis*.
- HOWARD DOUGLAS BOOTH, Ph.D. B.S., M.S., Eastern Michigan University.
Entomology. Major Professor: Roger A. Hoopingarner, Professor.
Dissertation: A Demonstration of Fluorescent Antibody Staining to Localize Endogenous Juvenile Hormone-Like Molecules in Selected Tissues of the American Cockroach, *Periplaneta Americana*.
- JAMES MILFORD BOYETT, Ph.D. B.E., Georgia Institute of Technology; M.A., University of Alabama; M.S., Michigan State University.
Statistics. Major Professor: V. Mandrekar, Professor.
Dissertation: The Realization of Orlicz Sequence Spaces and Harmonic Analysis.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- RONALD LLOYD BRAITHWAITE, Ph.D. B.A., M.S., Southern Illinois University.
Education. Major Professor: Bob B. Winborn, Professor.
Dissertation: An Analysis of Proxemics and Self-Disclosing Behavior of Recidivist and Non-Recidivist Adult Social Offenders from Black, Chicano and White Inmate Populations.
- JOHN G. BRIDGE, Ph.D. B.S., M.A., Michigan State University.
Psychology. Major Professor: Glenn I. Hatton, Professor.
Dissertation: Unit Activity in the Septal Nuclei During Water Deprivation, Drinking, and Rehydration.
- PETER RICHARD BRISTOW, Ph.D. B.S., M.S., Michigan State University.
Botany and Plant Pathology. Major Professor: John L. Lockwood, Professor.
Dissertation: Soil Fungistasis: Nature of the Inhibition of Nutrient-Independent Propagules.
- NED AULTON BRODBECK, Ph.D. B.A., M.A., Eastern Michigan University.
Education. Major Professor: Walter F. Johnson, Professor.
Dissertation: Influence of the Degree of Match Between Counselee and Counselor in Terms of Educational Cognitive Style and Counseling Style on the Objectives of the Educational Counseling Situation.
- DAVID CURTIS BROSKI, Ph.D. M.A., Michigan State University.
Education. Major Professor: James R. Nord, Professor.
Dissertation: Comprehension of Rate-Altered Discourse by Primary School Children With Identified Auditory or Visual Strengths.
- E. LEONARD BROWN, Ph.D. B.A., M.A., Colorado State College.
Geography. Major Professor: Ian Matley, Professor.
Dissertation: Quaker Migration to "Miami Country," 1798-1861.
- MICHAEL JAMES BROWN, Ph.D. B.A., M.A., Michigan State University.
Education. Major Professor: James A. Engelkes, Associate Professor.
Dissertation: The Effects of Cognitive Information and Supervised Practice Upon the Acquisition of Crisis Intervention Skills.
- LUCILLE BRUCH, Ph.D. B.A., Pomona College; M.A.T., Harvard University.
Education. Major Professor: Marvin E. Grandstaff, Associate Professor.
Dissertation: Deschooling and Retooling: An Examination of the Philosophy of Ivan Illich with Particular Emphasis on His Analysis of the Structures of Society.
- NOEL CARL BUFE, Ph.D. B.S., M.S., Michigan State University.
Education. Major Professor: Robert E. Gustafson, Associate Professor.
Dissertation: The Effect of Selective Enforcement on Rural Traffic Fatalities In Several Michigan Counties.
- KENT VERNON BULKLEY, Ph.D. B.S., Weber State College; M.Ed., Colorado State University.
Education. Major Professor: Laurine E. Fitzgerald, Professor.
Dissertation: A Study of the Academic Achievement and Graduation Rate of Transfer Students to Michigan State University from Two-Year and Four-Year Institutions.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

NATHEL BURTLEY, Ph.D.

B.A., M.S., Southern Illinois University.
Education. Major Professor: Frederick R. Ignatovich, Associate Professor.
Dissertation: A Comparison of Teacher Characteristics and Student Achievement in Individually Guided Education (IGE) and Traditional Inner City Elementary Schools.

ADELHEID C. BUSS, Ph.D.

B.S., Hartwick College; M.R.E., E. Baptist Theological Seminary; M.A., Temple University.
Psychology. Major Professor: Bertram P. Karon, Professor.
Dissertation: Liberal Women's Estimates of the Average Woman in Relation to Own Self-Esteem.

NANCY A. CARLSON, Ph.D.

B.S., University of Wisconsin; M.A., Michigan State University.
Education. Major Professor: F. B. Bruno, Associate Professor.
Dissertation: Using the Creative Strengths of a Learning Disabled Child to Increase Evaluative Effort and Academic Achievement.

DONALD LARRY CARMICHAEL, Ph.D.

B.S., M.A., Kent State University.
Education. Major Professor: Philip L. Reuschlein, Professor.
Dissertation: Development and Formative Evaluation of a Procedural Model for the Selection and Refinement of Performance Objectives in Physical Education.

KEITH JOSEPH CASERTA, Ph.D.

B.S., University of Dayton.
Chemistry. Major Professor: C. G. Enke, Professor.
Dissertation: A Computer-Interactive Bipolar Pulse Conductance System.

LOUIS CHAMPATHES, Ph.D.

B.A., Philippines College; M.A., University of Manila.
Education. Major Professor: Bob B. Winborn, Professor.
Dissertation: An Analysis of Competencies Expected of Novice High School Counselors by High School Counselors and Counselor Educators of Michigan.

CHWAN-KANG CHIANG, Ph.D.

M.A., Western Michigan University.
Physics. Major Professor: Frank J. Blatt, Professor.
Dissertation: Thermopower of Metals in High Magnetic Fields.

WILLIAM R. CLEMENTS, Ph.D.

B.S., Wayne State University.
Chemistry. Major Professor: Thomas J. Pinnavaia, Associate Professor.
Dissertation: Part I. Stereochemistry and Molecular Rearrangement of Bis (*B*-Diketonato) Dioxomolybdenum (VI) Complexes. Part II. A Test of the Role of Incipient Extracoordination of Silicon in Silylation Reactions. Part III. Synthesis and Stereochemistry of Trimethylsilyl *B*-Ketoamines.

PAUL ROBERT COLEMAN, Ph.D.

A.B., Butler University; M.A., Indiana State University.
Education. Major Professor: Troy L. Stearns, Professor.
Dissertation: A Theory Model: An Analysis and Intergration of the Factors and Forces Influencing Curriculum Decisions.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

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| MARY ALICE COLLINS, Ph.D. | B.A., Seattle Pacific College; M.S., University of Michigan.
Social Science. Major Professor: Victor L. Whiteman, Associate Professor.
Dissertation: A Comparative Study Evaluating the Differential Effectiveness of Behavior Modification Treatment Groups and Groups With an Added Component, Rational Emotive Therapy. |
| RICHARD B. COOLEN, Ph.D. | B.S., Boston College.
Chemistry. Major Professor: James L. Dye, Professor.
Dissertation: A Computer Interfaced Rapid Scan Stop-Flow System for the Study of Transients in Enzyme Reactions. |
| LAUREN ANITA CORWIN, Ph.D. | B.A., State University of New York; M.A., Michigan State University.
Anthropology. Major Professor: Bernard Gallin, Professor.
Dissertation: Urban Life in a Rural Town: The Role of Provincial Elites in Bengali Society. |
| THOMAS FREDERICK CURRAN, Ph.D. | B.S., Wisconsin State University; M.A., Michigan State University.
Social Science. Major Professor: Victor L. Whiteman, Associate Professor.
Dissertation: The Effects of Vicarious Therapy Pretraining and Role Induction Interviews on Behavior Modification in Groups. |
| PETER L. DALBY, Ph.D. | B.S., Michigan State University.
Zoology. Major Professor: Rollin H. Baker, Professor.
Dissertation: Ecology and Population Dynamics of Pampa Rodents Near Balcarce, Argentina. |
| JAMES LESLIE DALE, Ph.D. | B.S., M.S., M.B.A., Michigan State University.
Poultry Science. Major Professor: Charles C. Sheppard, Professor.
Dissertation: A Computerized Prediction Model for Egg Production Management Decisions. |
| KENNETH EUGENE DAMANN, JR., Ph.D. | B.S., Eastern Illinois University; M.S., University of Arkansas.
Botany and Plant Pathology. Major Professor: Robert P. Scheffer, Professor.
Dissertation: Bioassay and Purification of <i>Helminthosporium Victoriae</i> Toxin and its Interaction with Oat Tissues and with Isolated Membranes. |
| EUGENE DOUGLAS DAWSON, Ph.D. | A.B., Gordon College; M.A., Wheaton College; M.Div., Gordon-Conwell Theological Seminary.
Education. Major Professor: J. Geoffrey Moore, Professor.
Dissertation: The Rise and Development of Farmers' Institutes in Michigan in Relationship to Michigan Agricultural College from 1876 to 1889. |
| LOUIS RICHARD DeCAROLIS, Ph.D. | B.S., State University of New York; M.A., Michigan State University.
Education. Major Professor: Robert E. Gustafson, Associate Professor.
Dissertation: A Study of the Effectiveness of a Motorcycle Driver Education Film Loop Program for Reducing Fatal Crash Involvement. |

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- THOMAS EDWARD DENNERY, Ph.D. B.A., M.A., Michigan State University.
History. Major Professor: Douglas T. Miller, Associate Professor.
Dissertation: Social Reform in the American Theatre: 1880-1920.
- MICHAEL EARL DICK, Ph.D. B.S., Michigan State University; M.S., Stanford University.
Electrical Engineering. Major Professor: John B. Kreer, Professor.
Dissertation: A Controlled Routing Algorithm for a Synchronous Slot Highway System.
- LARRY DEAN DITTO, Ph.D. B.S., M.A., Western Michigan University.
Education. Major Professor: James E. Snoddy, Professor.
Dissertation: The Effects of Language Characteristics in Oral Reading.
- ROBERT REID DOERING, Ph.D. B.S., Massachusetts Institute of Technology; M.S., Michigan State University.
Physics. Major Professor: Aaron I. Galonsky, Professor.
Dissertation: Isobaric Analog State Transitions in (p,n) Reactions on ^{48}Ca , ^{90}Zr , ^{120}Sn , and ^{208}Pb at 25, 35, and 45 MeV.
- STEVEN LORNE DOUD, Ph.D. B.S., Purdue University; M.S., Michigan State University.
Horticulture. Major Professor: R. F. Carlson, Professor.
Dissertation: Anatomical and Histochemical Variations in Malus Rootstock Clones as Factors in Root Initiation.
- LEONARD EUGENE EAMES, Ph.D. B.A., M.A., Kent State University.
Geology. Major Professor: Aureal T. Cross, Professor.
Dissertation: Palynology of the Berea Sandstone and Cuyahoga Group of Northeastern Ohio.
- HABIBOLLAH FAKHRAI, Ph.D. B.S., Ahwaz Agriculture College; M.S., Michigan State University.
Zoology. Major Professor: Herman M. Slatis, Professor.
Dissertation: A Population Study in Human Biochemical Genetics: The Relationships of Several Metabolites in Epilepsy and Mental Retardation.
- AMELIA ANNE FALKE, Ph.D. B.A., M.A., Michigan State University.
English. Major Professor: Lawrence Babb, Professor.
Dissertation: The Medieval and Popular Elements in the Romances of Emanuel Forde.
- INGUNA SILAVS FAUSER, Ph.D. B.S., M.S., Michigan State University.
Poultry Science. Major Professor: Timothy S. Chang, Associate Professor.
Dissertation: Cell-Mediated Immunity *In Vivo* and *In Vitro* by Chickens with BCG or Marek's Disease Infection and the Effects of Bursectomy and Thymectomy on the Expression of Cell-Mediated Immunity.
- MANLIO SILVESTRE FERNANDES, Ph.D. B.S., Universidade do Ceara; M.S., Michigan State University.
Soil Science. Major Professor: Bernard D. Knezek, Professor.
Dissertation: Effects of Light and Temperature on the Nitrogen Metabolism of Tropical Rice.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- RICHARD B. FIRESTONE, Ph.D. B.S., University of Michigan.
Chemistry. Major Professor: William C. McHarris, Professor.
Dissertation: Anomalous E/B^+ Decay Branching Ratios.
- DAVID ALLEN FITCH, Ph.D. A.B., Bob Jones University; M.A., Ed.S., Michigan State University.
Education. Major Professor: Herbert M. Burks, Jr., Associate Professor.
Dissertation: Effects of Presenting Varying Degrees of Cue Simulation By Means of An Implosive-Like Procedure for Reduction of Administrator-Related Anxiety in Counselor Trainees.
- ERIK LINN FITZPATRICK, Ph.D. B.A., Western Illinois University; M.A., Michigan State University.
Education. Major Professor: William E. Sweetland, Professor.
Dissertation: An Adaptation of Programmed Instruction for Selected Telecommunication Audience Analysis Concepts: Development and Evaluation.
- JAMES W. FLEMING, Ph.D. B.S., M.Ed., Indiana University of Pennsylvania.
Education. Major Professor: Charles V. Mange, Professor.
Dissertation: The Effect of Highlighting Major Points Within Recorded Material As a Means of Increasing Listening Comprehension of Fifth and Sixth Grade Pupils With Poor Reading Skills.
- DAVID LYNN FORSTER, Ph.D. B.S., M.S., Purdue University.
Agricultural Economics. Major Professor: Larry J. Connor, Professor.
Dissertation: The Effects of Selected Water Pollution Control Rules on the Simulated Behavior of Beef Feedlots, 1974-85.
- CARL STEPHEN FRANKEL, Ph.D. B.Sc., McGill University.
Genetics. Major Professor: Albert H. Ellingboe, Professor.
Dissertation: The Role of Sexual Incompatibility Factors in Somatic Recombination in *Schizophyllum Commune*.
- STUART HARGRAFT GAGE, Ph.D. B.S., North Dakota State University; M.S., Michigan State University.
Entomology. Major Professor: Dean L. Haynes, Professor.
Dissertation: Ecological Investigations on the Cereal Leaf Beetle, *Oulema Melanopus* (L.), and the Principal Larval Parasite, *Petrastichus julis* (walker).
- JOHN JULIAN GALLOWAY, Ph.D. B.A., University of New England; M.A., Michigan State University.
Communication. Major Professor: Charles K. Atkin, Assistant Professor.
Dissertation: Substructural Rates of Change, and Adoption and Knowledge Gaps in the Diffusion of Innovations.
- GARY LEE GANN, Ph.D. B.S., M.S., Texas Technology University.
Food Science. Major Professor: Robert A. Merkel, Professor.
Dissertation: The Relationship of Ultrastructural and Biochemical Parameters to Tenderness in Young Bulls.
- JAMES LOREN GIBSON, Ph.D. B.S., M.A., Michigan State University.
Education. Major Professor: O. Donald Meaders, Professor.
Dissertation: Occupational Competencies Needed by Persons Entering Selected Farming Occupations.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- JOHN PAUL GIESY, JR., Ph.D. B.S., Alma College; M.S., Michigan State University. Fisheries and Wildlife. Major Professor: Niles R. Kevern, Professor. Dissertation: The Effects of Humic Acids on the Growth of an Uptake of Iron and Phosphorus by the Green Alga *Scenedesmus obliquus* (Türp) Kütz.
- RUSSELL THEODORE GINGRAS, D.B.A. B.A., M.B.A., Michigan State University. Business Administration (Accounting). Major Professor: Roland F. Salmonson, Professor. Dissertation: An Empirical Evaluation of the Stock Price Reaction to Errors in Management Forecasts in Earnings Per Share.
- ROBERT N. GLICK, Ph.D. A.B., Hanover College; M.S., Michigan State University. Zoology. Major Professor: John R. Shaver, Professor. Dissertation: An Ultrastructural Study of the Seminal Vesicle and Its Response to Hormone Treatment in the Male Frog *Rana clamitans*.
- ROBERT LORD GOODMAN, Ph.D. B.A., M.A., Michigan State University. History. Major Professor: Robert E. Wall, Jr., Associate Professor. Dissertation: Newbury, Massachusetts, 1635-1685: The Social Foundation of Harmony and Conflict.
- FRANCIS M. GRANT, Ph.D. B.S., University of New Mexico. Education. Major Professor: Donald Nickerson, Professor. Dissertation: A Comparative Study of Perceptions and Expectations of the Michigan Education Association by Black and White Urban Teachers.
- ROGER ALLEN GRANT, Ph.D. B.S., Rochester Institute of Technology; M.A., Michigan State University. Education. Major Professor: Paul W. F. Witt, Professor. Dissertation: A Comparison of Two Approaches to Teaching the Master Scene Concept of Film Production: Lecture Versus Lecture with Added Simulation Exercises.
- ALEXANDER DOUGLAS GREGOR, Ph.D. B.A., University of Manitoba; M.A., University of Virginia. Education. Major Professor: J. Geoffrey Moore, Professor. Dissertation: The Federated University Structure in Manitoba.
- MAGNE GULLORD, Ph.D. B.S., M.S., Agricultural University of Norway. Crop Science. Major Professor: Everett Henry Everson, Professor. Dissertation: Genetics of Freezing Hardiness in Winter Wheat (*Triticum aestivum* L.).
- THOMAS KITAI HAHN, Ph.D. B.A., Calvin College; B.D., Th.M., Calvin Seminary; M.A., Michigan State University. Education. Major Professor: Carl H. Gross, Professor. Dissertation: Tenrikyo and Education.
- MICHAEL VERNON HASELSWERDT, Ph.D. B.A., University of California; M.A., Michigan State University. Political Science. Major Professor: Joseph A. Schlesinger, Professor. Dissertation: Campaign Behavior of Political Parties: Campaigns in Mid-Michigan.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974

- CHARLES ALTON HEATWOLE, Ph.D. B.A., Florida Atlantic University; M.A., Michigan State University. Geography. Major Professor: Daniel Jacobson, Professor. Dissertation: Religion in the Creation and Preservation of Sectarian Culture Areas: A Mennonite Example.
- DONNA JEAN HESS, Ph.D. A.B., Marquette University; M.A., State University of New York at Binghamton. Sociology. Major Professor: Frederick B. Waisanen, Professor. Dissertation: The American Indian and Academic Achievement: Toward A Processual Model.
- JOHN ARNOLD HINTZ, Ph.D. B.S.E., Northern Illinois University. Education. Major Professor: Louis C. Stamatakos, Professor. Dissertation: An Examination of Goal Congruence and Perceived Need for Greater Cooperation Between Undergraduate Teaching Faculty and Student Personnel Staff at Michigan State University.
- RONALD WAYNE HODGSON, Ph.D. B.A., M.S., Michigan State University. Resource Development. Major Professor: Milton H. Steinmueller, Professor. Dissertation: Some Effects of Threat Appeal in Messages About Hazards of Grizzly Bears in National Parks: An Experiment.
- JAMES RICHARD HUGHES, Ph.D. B.A., Nebraska Wesleyan University; M.M.E., American Conservatory. Music. Major Professor: Robert G. Sidnell, Professor. Dissertation: A Study of the Relationship of the Music Teacher's Self-Concept to the Student's Attitude Toward Music Learning.
- PAUL WILLIAM HYINK, Ph.D. A.B., Hope College; M.A., Michigan State University. Psychology. Major Professor: Norman Abeles, Professor. Dissertation: The Influence of Client Ego Strength, Client Sex and Therapist Sex on the Frequency, Depth, and Focus of Client Self-Disclosure.
- JEFFREY LYNN IMES, Ph.D. B.S., Wright State University; M.S., Michigan State University. Physics. Major Professor: William P. Pratt, Jr., Assistant Professor. Dissertation: The Ultralow Temperature Magnetic Susceptibility of Copper Tetrphenylporphine Using a ^3He - ^4He Dilution Refrigerator.
- CHARLES IPCAR, Ph.D. B.A., Bowdoin College; M.A., Michigan State University. Geography. Major Professor: G. Manson, Assistant Professor. Dissertation: The Rental Housing Market of a University Town: An Analysis of Rent Discrimination and Landlord Oligopoly in East Lansing, Michigan.
- KENT STEVEN JAMISON, Ph.D. B.S., Purdue University. Psychology. Major Professor: George W. Fairweather, Professor. Dissertation: An Evaluation of the Effectiveness of a Nutritional Counseling Program in Alleviating Certain Health Problems.
- HENRY CALVIN JOHNSON, Ph.D. B.S.E., M.S., Kansas State Teachers College. Education. Major Professor: Lee S. Shulman, Professor. Dissertation: The Effects of Subjective Organizational Ability and the Organization of Materials on Reading Comprehension: An Information Processing Interpretation.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

CURTIS JOSEPH JONES, Ph.D.

B.A., M.A., Western Michigan University.
Sociology. Major Professor: James B. McKee, Professor.
Dissertation: Differences and Similarities Between Two Parent and Mother-Child Black Families Residing in a Lower Socio-Economic-Status Census Tract.

DIANE E. SZYMKOWSKI
KAYONGO-MALE, Ph.D.

B.A., State University College; M.A., Michigan State University.
Sociology. Major Professor: Ruth S. Hamilton, Associate Professor.
Dissertation: The Impact of Relocation on the Elderly: Relocation Within the Context of Urban Renewal.

ARTIE LINDA KEARNEY, Ph.D.

B.A., Ohio University; M.S., Michigan State University.
Education. Major Professor: William E. Sweetland, Professor.
Dissertation: A Systematic Evaluation of Drug Education Programs from Selected Schools.

CLARE ANN KELLER, Ph.D.

B.S., M.A., Eastern Michigan University.
Education. Major Professor: Dale V. Alam, Associate Professor.
Dissertation: The Diffusion of Innovation Within One Michigan School System Using A Communication Flow Inventory.

WILLIAM C. KLEINER, Ph.D.

B.A., Central Michigan University; M.A., Michigan State University.
Economics. Major Professor: Mordechai Kreinin, Professor.
Dissertation: Balance-of-Payments Adjustment Policies in Finland, Denmark and Norway.

RICHARD MICHAEL KLISH, Ph.D.

B.A., Bowling Green State University; M.A., Michigan State University.
English. Major Professor: Richard E. Benvenuto, Associate Professor.
Dissertation: Thackeray's Travel Writings.

THOMAS EDWARD KOEBERNICK, Ph.D.

B.A., University of Houston; M.A., Texas Christian University.
Sociology. Major Professor: J. Allan Beegle, Professor.
Dissertation: The Migration of Older Persons to Nonmetropolitan Counties in Michigan: A Case Study of the Origins, Characteristics, and Adjustment of Recent Migrants to Clare County, Michigan.

MARVIN MAX KUFAHL, Ed.D.

B.S., M.S., Stout State College.
Education. Major Professor: Lawrence Borosage, Professor.
Dissertation: An Investigation of Product Packaging Within the Manufacturing Industries to Determine the Competencies Required to Perform at the Middle Management Level.

DICK BRUCE LAWITZKE, Ph.D.

B.A., Humboldt State College; M.A., Michigan State University.
Education. Major Professor: William A. Mann, Professor.
Dissertation: A Comparison of Selected Personality Characteristics of Five Ethnic Groups as Measured by the Mann Inventory.

RICHARD HENRY LEEP, Ph.D.

B.S., Western Michigan University; M.S., Michigan State University.
Soil Science. Major Professor: Bernard Daniel Knezek, Professor.
Dissertation: Effect of Soil Heavy Metal Contamination Upon Growth and Nutrient Composition of Corn.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- CHARLOTTE JANE LeGATES, Ph.D. B.A., Pembroke College; M.A., Michigan State University.
English. Major Professor: Herbert S. Greenberg, Associate Professor.
Dissertation: Aldous Huxley and Visual Art.
- S. JOSEPH LEVINE, Ph.D. B.M., M.A., Michigan State University.
Education. Major Professor: Ted W. Ward, Professor.
Dissertation: Listeners' Preferences for the Rate of Presentation of Recorded Information.
- RUSSELL EARL LEWIS, Ph.D. B.A., Calvin College; M.A., Michigan State University.
Resource Development. Major Professor: William J. Kimball, Professor.
Dissertation: Individual and Community Variables as they Relate to Delineating Community Boundaries.
- SUSAN LISTON, Ph.D. B.A., The Ohio State University; M.A., Michigan State University.
French, Language and Literature. Major Professor: Ann T. Harrison, Professor.
Dissertation: Rabelais and Medieval Epic Parody: *Gargantua* and *Pantagruel*.
- MICHAEL FRANCIS LUKOMSKI, Ph.D. B.A., Kalamazoo College; M.A., Michigan State University.
Economics. Major Professor: John Hunter, Professor.
Dissertation: Alternatives for the Training of Skilled Industrial Labor in Sao Paulo, Brazil.
- DONALD LEIGH MACFADYEN, Ed.D. B.A., Western Michigan University; M.A., University of Michigan.
Education. Major Professor: William W. Joyce, Professor.
Dissertation: A Descriptive Study of the Implementation of *Man: A Course of Study* as Revealed Through Ethnocentrism.
- ASTRID KARONA MACK, Ph.D. B.S., Bethune-Cookman College; M.S., University of Minnesota.
Zoology. Major Professor: James V. Higgins, Professor.
Dissertation: An Analysis of the Significance of Sick Cell Trait in Three Michigan Populations.
- JOHN A. MALACOS, Ph.D. B.A., Eastern Michigan University; M.A., Michigan State University.
Education. Major Professor: Bob B. Winborn, Professor.
Dissertation: A Comparison of Three Techniques to Promote Career Decision-Making in Community College Students.
- WILLIAM JAMES MARQUIS, Ph.D. B.S., University of Michigan; M.S., Michigan State University.
Pharmacology. Major Professor: Richard H. Rech, Professor.
Dissertation: A Behavioral Analysis of Hallucinogenic Drugs.
- DONALD EDWARD MAXWELL, Ph.D. B.S., Central Michigan University; M.N.S., Eastern New Mexico University.
Education. Major Professor: Glenn D. Berkheimer, Professor.
Dissertation: The Effect of Selected Science Activities on the Attainment of Reading Readiness Skills With Kindergarten Children.
- MURRAY BRIAN MCBRIDE, Ph.D. B.Sc., University of Guelph; M.S., Michigan State University.
Soil Science. Major Professor: Max M. Mortland, Professor.
Dissertation: Spectroscopic Studies of the Environment of Exchange Cations in Smectites.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- VIRGINIA ANNE McDERMOTT, Ph.D. A.B., Mundelein College; M.A., University of Kentucky.
Communication. Major Professor: Joseph Woelfel, Associate Professor.
Dissertation: The Development of a Functional Message Variable: The Locus of Control.
- ROGER NOLAN McGINNIS, Ph.D. B.S., Michigan State University.
Chemistry. Major Professor: James B. Hamilton, Associate Professor.
Dissertation: Dimethyldithiophosphate Complexes of Niobium(IV) Tetrahalides.
- MARILYN MENDELSON, Ph.D. B.S., New York University; M.A., Ball State University.
Education. Major Professor: William A. Mehrens, Professor.
Dissertation: The Relationship of Aesthetic Judgment to Surrogate Decisions About Works of Art in Art-Naive and Art-Sophisticated College Students.
- EUGENE ALBERT MIELKE, Ph.D. B.S., California State Polytechnic College; M.S., Michigan State University.
Horticulture. Major Professor: Frank Dennis, Associate Professor.
Dissertation: Hormonal Control of Flower Bud Dormancy in Sour Cherry (*Prunus Cerasus* L.).
- CLARENCE WASHINGTON MIXON, Ph.D. B.S., Kent State University; M.S., Case Western Reserve University.
Education. Major Professor: Max R. Raines, Professor.
Dissertation: A Follow-Up Study and Analysis of Para-Professional Graduates of the New Careers Program Conducted at Cuyahoga Community College, Cleveland, Ohio.
- ROBERT COVINGTON MORRIS, Ph.D. B.A., M.A., Northern Iowa University.
Education. Major Professor: William J. Walsh, Professor.
Dissertation: The Development and Evaluation of Humanistically-Oriented Science Curriculum Materials.
- ALLEN LOUIS K. NAGY, Ph.D. B.S., M.A., Michigan State University.
Psychology. Major Professor: James L. Zacks, Associate Professor.
Dissertation: Properties of Visual Signals Implied by the Dependents of the Bezold-Brucke Hue Shifts on Stimulus Duration, Psychophysical Method, and State of Visual Adaptation.
- DOUGLAS WILLIAM NANCE, Ph.D. B.S., Bluffton College; M.A., Western Michigan University.
Education. Major Professor: John Wagner, Professor.
Dissertation: Limits: A Mastery Learning Approach to a Unit on Limits of Sequences and Functions in a Precalculus Course and Achievement in First Semester Calculus.
- ANDREW A. NAZZARO, Ph.D. B.A., Jacksonville University; M.S., Florida State University.
Geography. Major Professor: John M. Hunter, Professor.
Dissertation: Changing Use of the Resource Base Among the Taita of Kenya.
- BRADLEY EVERTON NILES, Ph.D. B.A., Andrews University; M.A., Western Michigan University.
Education. Major Professor: Wilbur B. Brookover, Professor.
Dissertation: A Comparison of Student Perceived and Parents Actual Evaluations-Expectations in Low S.E.S. Schools with School Achievement Level and Racial Composition Controlled.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

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| THOMAS F. X. NOBLE, Ph.D. | A.B., Ohio University; M.A., Michigan State University.
History. Major Professor: Richard E. Sullivan, Professor.
Dissertation: Louis the Pious and the Papacy: Law, Politics and the Theory of Empire in the Early Ninth Century. |
| JOAN RAE NUTTALL, Ph.D. | B.A., University of Denver; M.A., Michigan State University.
Psychology. Major Professor: Andrew M. Barclay, Associate Professor.
Dissertation: Sex Differences in Patterns of Emotion. |
| ANYEGBUNAM WILLIAM OBI, Ph.D. | A.B., Hamilton College; M.A., Michigan State University.
Economics. Major Professor: Mordechai Kreinin, Professor.
Dissertation: Export Instability, Protection-Induced Cost-Price Distortions, and Economic Growth in Less Developed Countries. |
| THOMAS FRANCIS O'CONNOR, Ph.D. | B.A., University of Chicago; M.A., Michigan State University.
English. Major Professor: Lawrence Babb, Professor.
Dissertation: "Gowned Vultures": Anti-Legal Attitudes in Elizabethan-Jacobean Literature. |
| DAVID NATHANIEL OEGEMA, Ph.D. | B.S., M.A., Michigan State University.
Education. Major Professor: Herbert M. Burks, Jr., Associate Professor.
Dissertation: Effects of Programmed and Human Supervision on Immediate and Delayed Temporal Dimensions in the Teaching of a Specific Counselor Skill. |
| DONALD RICHARD ORT, Ph.D. | B.S., Wake Forest University.
Botany and Plant Pathology. Major Professor: Norman E. Good, Professor.
Dissertation: Studies on the Mechanism of Conservation of Redox Energy in ATP by Isolated Chloroplasts. |
| GREGORY PAUL PAGANO, Ph.D. | B.S., University of Georgia; M.S., Michigan State University.
Horticulture. Major Professor: A. R. Putnam, Professor.
Dissertation: Factors Affecting the Growth of Horsenettle (<i>Solanum Carolinense</i> L.) and Its Response to Glyphosate and Terbacil. |
| STUART B. PALONSKY, Ph.D. | B.S., M.S., State University of New York.
Education. Major Professor: Stanley P. Wronski, Professor.
Dissertation: A Participant Observer Investigation of the Students and Their Social World in an Urban, Integrated and Innovative High School. |
| SETH KELLY PARKER, Ph.D. | B.A., Boston University; M.B.A., Indiana University.
Business Administration (Accounting). Major Professor: Charles J. Gaa, Professor.
Dissertation: A Value-Added Tax: Its Compliance Costs for Individual United States Non-Retail Business Firms. |
| LISA BERNADETTE PARTYKA, Ph.D. | B.S., LeMoyne College; M.A., Michigan State University.
Psychology. Major Professor: Lucy Rau Ferguson, Professor.
Dissertation: Two Aspects of Emphatic Awareness in Young Children: Affective and Cognitive Role-Taking. |

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- BARON PERLMAN, Ph.D. B.A., Lawrence University; M.A., Michigan State University. Psychology. Major Professor: Dozier W. Thornton, Associate Professor. Dissertation: Suicide Taxonomy and Behavior: An Interpersonal Perspective.
- MARVIN PERSKY, Ph.D. B.S., M.A., University of Illinois. Social Science. Major Professor: Joseph A. Schlesinger, Professor. Dissertation: Walter Reuther, The UAW-CIO, and Third Party Politics.
- ROBERT ALLAN PLOEGSTRA, Ph.D. A.B., Calvin College; M.A., Western Michigan University. English. Major Professor: William Whallon, Professor. Dissertation: The Historicity of Beowulf: An Onomastic and Comparative Study.
- WILLIAM WALTER POWELL, Ph.D. B.A., Alma College; M.A., Michigan State University. Education. Major Professor: Louis G. Romano, Professor. Dissertation: The Development of Evaluative Criteria For a Middle School.
- KOWIT PRAVALPRUK, Ph.D. B.Ed., College of Education, Bangkok, Thailand; M.A., Michigan State University. Education. Major Professor: Andrew C. Porter, Professor. Dissertation: Investigation of Two Proposed Solutions to the Multiple Fallible Co-variable Problem for Quasi-Experiments.
- WLADIMIR ANTONIO PUGGINA, Ph.D. B.B.A., Sao Paulo School of Business, Brazil; M.B.A., Michigan State University. Business Administration (Finance). Major Professor: Alan E. Grunewald, Professor. Dissertation: Analysis of Rates of Return and Risk for Common and Preferred Stocks — The Brazilian Experience.
- JOE TATE RAYMER, Ph.D. A.B., Cedarville College; M.A., Eastern Michigan University. Education. Major Professor: Louis G. Romano, Professor. Dissertation: A Study to Identify Middle Schools and to Determine the Current Level of Implementation of Eighteen Basic Middle School Characteristics in Selected United States and Michigan Schools.
- CONSTANCE CAROLYN RIPSTRA, Ph.D. B.A., Kalamazoo College; M.A., Michigan State University. Education. Major Professor: Bob B. Winborn, Professor. Dissertation: The Quality of Experimental Methodology in Counseling and Counselor Education.
- GONZALO ROA, Ph.D. B.S., Universidad Del Valle, Colombia; M.S., Michigan State University. Agricultural Engineering. Major Professor: F. W. Bakker-Arkema, Professor. Dissertation: Natural Drying of Cassava.
- RICHARD ALLAN ROGERS, Ph.D. B.S., M.S., Michigan State University. Mathematics. Major Professor: Gerald D. Taylor, Professor. Dissertation: Uniformly Accurate Numerical Solutions to Differential Equations Using Extrapolation and Interpolation.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- LESLIE DAVID ROTHMAN, Ph.D. B.S., Principia College.
Chemistry. Major Professor: Stanley R. Crouch, Associate Professor.
Dissertation: A Study of Precision in Spectrophotometric Techniques.
- ROBERT ROYAL, Ph.D. B.S., Alabama State College; M.A., University of Michigan.
Education. Major Professor: George R. Myers, Professor.
Dissertation: The Development of Management Systems for a High School Academic Department.
- GRAHAM RYDER, Ph.D. B.S., University College of Swansea, England.
Geology. Major Professor: Thomas A. Vogel, Professor.
Dissertation: A Rationale For the Orgins of Massif Anorthosites.
- NORMAN JAY SAUER, Ph.D. B.A., State University of New York.
Anthropology. Major Professor: Terrell W. Phenice, Associate Professor.
Dissertation: An Analysis of the Human Skeletal Material From the Fletcher Site (20BY28), Bay City, Michigan.
- BERNARD JOSEPH SCHEVE, Ph.D. B.S., M.S., Xavier University.
Chemistry. Major Professor: Peter J. Wagner, Professor.
Dissertation: Excursions into Charge and Energy Transfer Mechanisms: Conformational Effects in Excited States.
- ALLAIRE VERDE SCHLICHER, Ph.D. B.S., M.A., M.A., Michigan State University.
Spanish, Language and Literature. Major Professor: Carlos M. Terán, Professor.
Dissertation: The Theatre of Armando Mook.
- SAMUEL A. SHELLHAMER, Ph.D. B.A., Taylor University; M.A., Ball State University.
Education. Major Professor: Eldon R. Nonnamaker, Professor.
Dissertation: A Study of the Decision-Making Process as Perceived by Presidents of Private Liberal Arts Colleges and Universities in the Midwest.
- ROBERT SILBER, Ph.D. B.A., City University of New York.
Zoology. Major Professor: James C. Braddock, Professor.
Dissertation: Olfactory Control of Maternal Behavior: The Effects of Experience and Age In *Peromyscus Eremicus*.
- LOWELL HOWARD SILSBY, Ph.D. B.S., University of Georgia; M.S., Michigan State University.
Horticulture. Major Professor: A. L. Kenworthy, Professor.
Dissertation: The Quality of the Red Sour Cherry (*Prunus Cerasus* L.CV. 'Montmorency') and Sour Cherry Products, Influenced by Pesticide and Nitrogen Applications.
- PAULO ROBERTO SILVA, Ph.D. B.S., Federal University of Ceara; M.S., Federal University of Vicosa, Brazil.
Agricultural Economics. Major Professor: Larry J. Connor, Professor.
Dissertation: Estimated Least Cost Human Diets in the Northeast of Brazil With Stochastic Programming-Theoretical Issues and Policy Implications.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

ALBERT O. SIMEON, Ph.D.

B.S., M.S., University of Manitoba.
Electrical Engineering. Major Professor: P. David Fisher, Associate Professor.
Dissertation: Surface-Wave Transducer Modeling.

GEZA SIMON, Ph.D.

B.A., New York University; M.D., State University of New York.
Physiology. Major Professors: Henry W. Overbeck, Professor and Francis J. Haddy, Professor.
Dissertation: Mesenteric Hemodynamics of Perinephritic Hypertension in Dogs.

CLARE B. SKOV, Ph.D.

B.A., Denver University; M.S., Virginia State College.
Microbiology and Public Health. Major Professor: Donald W. Twohy, Assistant Professor.
Dissertation: T Cell Dependence and Synergy in Acquired Immunity to *Leishmania donovani*.

ALLEN NORTH SMITH, Ph.D.

B.A., Shimer College; M.A., Southern Illinois University.
English. Major Professor: Victor M. Howard, Professor.
Dissertation: Stephen Crane and the Darwinian Revolution.

THOMAS CREED SMITH, Ph.D.

B.A., M.A., Michigan State University.
History. Major Professor: William J. Brazill, Associate Professor.
Dissertation: Georges Sorel: An Intellectual Biography.

MICHAEL JAY STEINBERG, Ph.D.

B.A., M.A., Hofstra University; M.A., Michigan State University.
English. Major Professor: Clinton S. Burhans, Jr., Professor.
Dissertation: Dream and Disillusion: The Major Theme in F. Scott Fitzgerald's Fiction.

BONNIE J. STELLER, Ph.D.

B.A., M.A., Michigan State University.
Education. Major Professor: Robert L. Ebel, Professor.
Dissertation: The Marking Procedures Used By Public School Teachers in the State of Michigan.

JAMES DOUGLAS STEWART, Ph.D.

B.S., M.A., University of Toronto.
Education. Major Professor: George Ferree, Professor.
Dissertation: The Teacher As Moral Adviser.

HUGH MORGAN STILLEY, Ph.D.

B.A., University of Southern California; M.A., University of British Columbia.
Education. Major Professor: Marvin E. Grandstaff, Associate Professor.
Dissertation: Paul Goodman's *Empire City*: Genre and Epistemology.

DAVID FRANCIS STOWE, Ph.D.

A.B., A.M., Indiana University.
Physiology. Major Professors: J. B. Scott, Professor and J. M. Dabney, Professor.
Dissertation: Role of Metabolically Linked Chemicals in Local Regulation of Blood Flow: Interaction of Oxygen and Carbon Dioxide in Sustained Exercise Hyperemia of the Canine Gracilis Muscle.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- VALA JEAN STULTS, Ph.D. B.A., M.A., California State University.
Human Nutrition. Major Professor: Olaf Mickelsen, Professor.
Dissertation: The Nutritional Value of Brine Shrimp Cysts: The Encysted Eggs of *Artemia Salina*.
- STUART HARVEY SURLIN, Ph.D. B.S., Roosevelt University; M.S., University of Illinois.
Communication. Major Professor: Lawrence E. Sarbaugh, Associate Professor.
Dissertation: Reference Group Theory As a Predictor of Message Source Effects.
- ROBERT WILLIAM SWEITZER, Ph.D. B.S., Purdue University; M.B.A., Michigan State University.
Business Administration (Marketing). Major Professor: Joseph W. Thompson, Professor.
Dissertation: The Behavioral Factors Affecting the Flow of Information in the Buyer-Seller Dyad.
- RONALD MAXWELL TAYLOR, Ph.D. B.S., M.S., Michigan State University.
Botany and Plant Pathology. Major Professor: Henry A. Imshaug, Professor.
Dissertation: Studies on the Littoral Lichens of Northeastern North America.
- WILLIAM REED TERRELL, Ph.D. B.A., M.A., Western Michigan University.
Education. Major Professor: Kent L. Gustafson, Associate Professor.
Dissertation: An Exploratory Study of the Modification of Student Anxiety Levels Utilizing Cognitive Style Matching.
- CHRYSTAL GARRELL POWELL TIBBS, Ph.D. B.S., M.S., Wayne State University; A.M.L.S., University of Michigan.
Education. Major Professor: Charles F. Schuller, Professor.
Dissertation: Barriers to the Effective Utilization of Media By Teachers in a Large Metropolitan School District.
- HOWARD COLGATE TOWLE, Ph.D. B.A., Michigan State University.
Biochemistry. Major Professor: John A. Boezi, Professor.
Dissertation: Purification and Characterization of Bacteriophage ϕ -1-Induced Deoxyribonucleic Acid-Dependent Ribonucleic Acid Polymerase from *Pseudomonas putida*.
- NANCY A. TYLER, Ph.D. B.B.A., M.A., The University of Texas.
Education. Major Professor: Norman R. Stewart, Professor.
Dissertation: Effects of Modeling and Differentiated Practice Upon Interview Skills of Paraprofessionals.
- ELEANORE LUND VAINES, Ph.D. B.S., University of Washington; M.S., Cornell University.
Family Ecology. Major Professor: Norma S. Bobbitt, Associate Professor.
Dissertation: An Ecological Systems Framework For Home Economics/Human Ecology: The Linkage of Environment, Energy and Organism as Family.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

- DACIA VAN ANTWERP, Ph.D. B.A., Manhattanville College; M.S., State University of New York. Education. Major Professor: James R. Nord, Assistant Professor. Dissertation: A Study of Computer Assisted Instruction and the Lecture Method in the Presentation of College Economics.
- SRICHAK VATCHARAKIET, Ph.D. B.S., B.S., Whitworth College; M.A., M.S., Michigan State University. Education. Major Professor: Louis G. Romano, Professor. Dissertation: The Relationships Between Selected Personality Factors and the Attitude of Principals in Selected Michigan Schools Toward the Delegation of Authority.
- PAUL GLEN VOGEL, Ph.D. B.S., M.A., Bowling Green State University. Education. Major Professor: Philip L. Reuschlein, Professor. Dissertation: The Effect of Teacher Type and Instructional Time on the Achievement of Selected Fundamental Motor Skills By Elementary Age Trainable Mentally Retarded Children.
- DEE ANNE SPRADLING VONDE, Ph.D. B.S., M.A., Ball State University. Family Ecology. Major Professor: Margaret J. Bubolz, Professor. Dissertation: Family Power Distribution and Need Satisfaction as Related to Role Enactment for Food and Satisfaction With Food.
- WILLIAM THOMAS WAGNER, Ph.D. B.A., University of Wisconsin; M.S., Michigan State University. Physics. Major Professor: G. M. Crawley, Professor. Dissertation: A High Resolution Study of Proton Inelastic Scattering From ^{207}Pb , ^{208}Pb , and ^{209}Bi .
- KENNETH ROBERT WAHL, Ph.D. B.S., Ed.S., Central Michigan University; M.A., Michigan State University. Education. Major Professor: Charles A. Blackman, Professor. Dissertation: Teacher Education As An Integral Component of a School System: Impact on the Bangor Township Schools.
- BARRY ERNEST WATKINS, Ph.D. B.S., M.S., Michigan State University. Physiology. Major Professor: Gail D. Riegle, Associate Professor. Dissertation: Senescent Alterations of LH and Prolactin Regulation in the Female Rat.
- DAVID EDWIN WRIGHT, Ph.D. A.B., Princeton University. English. Major Professor: James H. Pickering, Professor. Dissertation: The Art and Vision of Ignatius Donnelly.
- J. KENNETH WHITE, Ph.D. B.A., Western Michigan University; M.A., M.B.A., Michigan State University. Psychology. Major Professor: Carl F. Frost, Professor. Dissertation: The Scanlon Plan: Causes of Success.
- WILBUR MONTGOMERY WHITNEY, JR., Ph.D. B.A., Lycoming College; M.S., Howard University. Psychology. Major Professor: Louis G. Tornatzky, Associate Professor. Dissertation: An Evaluation of a Community Based Delinquency Prevention Program on the Basis of Group and Individual Employment.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — GRADUATED SUMMER TERM, 1974 (Continued)

JILL E. WILSON, Ph.D.

B.A., Antioch College; M.S., Michigan State University.
Horticulture. Major Professor: L. R. Baker, Associate Professor.
Dissertation: The Inheritance of Carpel Separation in Mature Fruits of Pickling Cucumber.

JOHN GERALD WILSON, Ph.D.

B.A., University of California; M.A., Michigan State University.
Psychology. Major Professor: Joseph Reyher, Professor.
Dissertation: The Hypnotic Relationship: Facilitation and Inhibition Through Indirect Procedures.

DONALD L. WYSE, Ph.D.

B.S., The Ohio State University; M.S., Michigan State University.
Crop Science. Major Professor: William F. Meggitt, Professor.
Dissertation: Interaction of Herbicides, Disease, and Cultural Practices on Growth and Development of Navy Bean (*Phaseolus vulgaris* L.).

KEITH S. YODER, Ph.D.

B.A., Goshen College; M.S., Michigan State University.
Botany and Plant Pathology. Major Professor: Edward J. Klos, Professor.
Dissertation: Tolerance to Dodine and Inheritance of An Ascospore Abortion Factor in *Venturia inaequalis*.

ALBERT ZACKRIE, JR., Ph.D.

B.A., Southern Louisiana University; M.A., Michigan State University.
Education. Major Professor: Donald H. Nickerson, Professor.
Dissertation: A Descriptive Analysis of Activities in Educational Leadership and of Appellate Problems of Elementary School Principals in the Saginaw Public School System and Their Variability With the School's Socioeconomic Setting.

RIFFAT MOAZAM ZAMAN, Ph.D.

B.A., University of Karachi; M.A., Michigan State University.
Psychology. Major Professor: Lucy Rau Ferguson, Professor.
Dissertation: Marital Adjustment and Interpersonal Perception in Female Versus Male Initiators of Psychotherapy.

DOUGLAS STEVEN ZATECHKA, Ph.D.

B.A., Iowa State University; M.A., Michigan State University.
Education. Major Professor: Eldon R. Nonnamaker, Professor.
Dissertation: An Exploratory Study of Michigan State University Residence Hall Staff Attitudes and Perceptions Concerning the Implementation of a Management by Objectives System.

SCHOOL FOR ADVANCED GRADUATE STUDIES

EDUCATIONAL SPECIALIST DEGREE — GRADUATED SUMMER TERM, 1974

DONALD CARY BAUTEL, Ed.S.	B.S., Central Michigan University; M.A., Michigan State University. Education. Major Professor: Harvey F. Clarizio, Professor.
JANET JAKUSZ FAVERO, Ed.S.	B.A., University of Toronto; M.A.T., Trinity College. Education. Major Professor: Lois A. Bader, Associate Professor.
ARTHUR J. KIGHTLINGER, Ed.S.	B.S.Ed., M.Ed., Edinboro State College. Education. Major Professor: Rex E. Ray, Associate Professor.
ROBERT KUDWA, Ed.S.	B.S., M.A., Northern Michigan University. Education. Major Professor: James W. Costar, Professor.
JAMES HOWARD MCCLAIN, Ed.S.	B.S., Western Michigan University; M.A., Michigan State University. Education. Major Professor: Charles A. Blackman, Professor.
MICHAEL THOMAS MONROE, Ed.S.	B.S., M.A., Michigan State University. Education. Major Professor: Harvey F. Clarizio, Professor.
MEGAN HAUPT OBERLIN, Ed.S.	B.A., M.A., Michigan State University. Education. Major Professor: Charles E. Henley, Professor.
DAVID EDWARD RASKE, Ed.S.	B.S., M.A., Eastern Michigan University. Education. Major Professor: Charles E. Henley, Professor.
ELOUISE ELAINE SUTFIN, Ed.S.	B.A., M.A., University of Michigan. Education. Major Professor: Max R. Raines, Professor.
LARRY LEE THOMAS, Ed.S.	B.S., M.A., Central Michigan University. Education. Major Professor: Robert P. Poland, Professor.
IRMA UPDEGRAFT, Ed.S.	B.S., University of Minnesota; M.S., University of Wisconsin. Education. Major Professor: George R. Myers, Professor.
JOHN FRANCIS WALKER, Ed.S.	B.A., Michigan State University; M.A., University of Michigan. Education. Major Professor: Janet Alleman-Brooks, Associate Professor.
HENRY JOHN WEZEMAN, Ed.S.	A.B., Calvin College; M.A., Western Michigan University. Education. Major Professor: Herbert C. Rudman, Professor.

DIPLOMA FOR ADVANCED GRADUATE STUDY — GRADUATED SUMMER TERM 1974

JANET CAROLYN ABRAMSON, D.A.G.S.	B.A., M.A., Wayne State University. English. Major Professor: Herbert Greenberg, Professor.
DERENDA TAYLOR COLLINS, D.A.G.S.	B.S., M.Med., Southern Illinois University. Music. Major Professor: Robert G. Sidnell, Professor.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974

- WILLIAM SMYTH ABBETT, Ph.D. B.S., M.S., Northern Illinois University.
Education. Major Professor: Eldon R. Nonnamaker, Professor.
Dissertation: An Analysis of Actual and Preferred Patterns of Faculty Activity in the College of Engineering at Michigan State University.
- HARRY LAWRENCE ACKERMAN, JR., Ph.D. B.S., East Stroudsburg State College; M.Ed., Lehigh University.
Education. Major Professor: Charles F. Schuller, Professor.
Dissertation: An Analysis of Potential Goals for Instructional Technology in Higher Education, 1972-1992, as a Basis for Recommendations for Programs of Preparation for Instructional Technologists.
- RAM K. AGRAWAL, Ph.D. B.S., M.S., Agra University.
Mathematics. Major Professor: W. E. Deskins, Professor.
Dissertation: The Structure of the Generalized Center and Hypercenter of a Finite Group.
- MARTHA LYNN ALDENBRAND, Ph.D. B.A., M.A., Michigan State University.
Psychology. Major Professor: F. Elaine Donelson, Assistant Professor.
Dissertation: The Effects of Intuition, Feeling, and Similarity on Predictive Empathy.
- BERNARD MARUWA AMALAHA, Ph.D. B.A., University of Nigeria; M.A., Michigan State University.
Education. Major Professor: Walter F. Johnson, Professor.
Dissertation: Academic Achievement Motivation of IBO Fifth Formers.
- ALONZO BENJAMIN ANDERSON, Ph.D. B.A., California Lutheran College; M.A., Michigan State University.
Psychology. Major Professor: Lawrence A. Messé, Associate Professor.
Dissertation: Toward a More Complex Model of Group Cohesion: The Interactive Effects of Success-Failure, Participation Opportunity, Intrinsic Interest and Pay Condition.
- THOMAS JOHN ANDERSON, Ph.D. B.S., Illinois Institute.
Chemistry. Major Professor: Gordon A. Melson, Assistant Professor.
Dissertation: A Structural Study of Some Complexes Containing the Scandium(III) Ion: Six and Eight Coordination.
- YIADOM ATTA-KONADU, Ph.D. B.S., University of Ghana; M.S., University of Manitoba.
Agricultural Economics. Major Professor: Lester Manderscheid, Professor.
Dissertation: Economic Optima in Resource Allocation for Smallholder Subsistence Farming in Ghana.
- JACQUES ARTHUR AUGER, Ph.D. B.S., University of Montreal; M.A., Michigan State University.
Resource Development. Major Professor: Daniel E. Chappelle, Professor.
Dissertation: A Visitation Model for Selected Campgrounds in the Province of Quebec.
- PHAEDON AVOURIS, Ph.D. B.S., University of Thessaloniki.
Chemistry. Major Professor: Ashraf M. El-Bayoumi, Professor.
Dissertation: Relaxation Processes in Electronically Excited Molecules (A) Intramolecular Excimers (B) Excited State Proton Transfer.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- GANIYU ADEMOLA BADMUS, Ph.D. B.S., University of Ife, Nigeria; M.S., Michigan State University. Education. Major Professor: Perry E. Lanier, Associate Professor. Dissertation: A Formative Evaluation of the Mathematics Education Component of the Eighth Cycle Teacher Corps Program at Michigan State University.
- ROBERT JOHN BALLARD, Ph.D. B.S., Central Michigan University; M.S., Michigan State University. Statistics. Major Professor: Dennis C. Gilliland, Professor. Dissertation: Extended Rules for the Sequence Compound Decision Problem with $m \times n$ Component.
- WALTER CHARLES BARWICK, Ph.D. B.S., University of Cincinnati; M.A., Michigan State University. Education. Major Professor: Bob B. Winborn, Professor. Dissertation: An Analysis of the Attitudes of Leading Black Psychologists and Black Graduate Students Toward the Concept of Community Mental Health.
- SALLY JANE BELL, Ph.D. B.A., M.A., Michigan State University. Education. Major Professor: Alexander Kloster, Associate Professor. Dissertation: The Territoriality of the Michigan Public School Superintendent.
- BEVERLY ANN BELSON, Ph.D. B.A., University of Northern Iowa; M.A., Syracuse University. Education. Major Professor: Laurine E. Fitzgerald, Professor. Dissertation: *Journal of the National Association for Women Deans, Administrators, and Counselors: An Historical Analysis, 1938-1974.*
- EDWARD BENSON, Ph.D. B.S., M.B.A., M.L.I.R., Michigan State University; M.Sc., Syracuse University. Education. Major Professor: Mel Buschman, Professor. Dissertation: Employment & Earning Analysis of the Michigan Manpower Development and Training Act of 1962 Individual Referral Program.
- ALLEN LEE BERTELSEN, Ph.D. B.A., Augustana College. Mathematics. Major Professor: Joseph E. Adney, Professor. Dissertation: Some Stability Groups of Finite Groups.
- ROBERT MALCOLM BIEFELD, Ph.D. B.S., Denison University. Chemistry. Major Professor: Harry A. Eick, Professor. Dissertation: The Vaporization and Sublimation Thermodynamics of Selected Lanthanide Fluorides.
- CRAIG F. BIELERT, Ph.D. B.A., Wabash College. Zoology. Major Professor: Lynwood G. Clemens, Professor. Dissertation: The Effects of Early Castration and Testosterone Propionate Treatment on the Development and Display of Behavior Patterns by Male Rhesus Monkeys (*Macaca Mulatta*).
- ROBERT WILLIAM BLAKESLEY, Ph.D. A.B., University of California. Biochemistry. Major Professor: John A. Boezi, Professor. Dissertation: A Kinetic and Structural Characterization of Adenosine 5' - Triphosphate: Ribonucleic Acid Adenylyltransferase From *Pseudomonas Putida*.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- KARL A. BOEDECKER, Ph.D. B.A., M.A., Michigan State University.
Business Administration (Marketing). Major Professor: W. J. E. Crissy, Professor.
Dissertation: The Impact of Advertising Themes on Brand Choice of Color Television Sets: An Exploratory Survey of the Lansing Major Metropolitan Markets.
- JOHN FREDERICK BRATZEL, Ph.D. B.A., M.A., Michigan State University.
History. Major Professor: Leslie B. Rout, Jr., Associate Professor.
Dissertation: A Political Portrait of Carlos Saavedra Lamas.
- DAVID ALVIN BRIAN, Ph.D. B.A., Manchester College; D.V.M., Michigan State University.
Microbiology and Public Health. Major Professor: Leland F. Velicer, Associate Professor.
Dissertation: Analysis of Ribonucleic Acid From Feline Leukemia Virus.
- AHMET SUDI BULBUL, Ph.D. B.S., M.S., University of Wisconsin.
Education. Major Professor: David K. Heenan, Professor.
Dissertation: Identification of the Factors Related to the Student Flow Within the Middle Schools of Usak Province, Turkey (A Pilot Study).
- JAMES ROBERT BURLEY, Ph.D. B.A., M.B.A., Michigan State University.
Business Administration (Marketing). Major Professor: Richard J. Lewis, Professor.
Dissertation: The Legal Environment for Strategic Vertical Marketing System Design.
- GARY RAY BYERLY, Ph.D. B.S., M.S., Michigan State University.
Geology. Major Professor: T. A. Vogel, Professor.
Dissertation: A Model for Surface Area, Mineralogy, and Metamorphic Grade in Carbonates.
- JAMES JOSEPH BYRNE, Ph.D. B.A., M.S., Eastern Washington State College.
Physiology. Major Professors: Robert K. Ringer, Professor and E. Paul Reineke, Professor.
Dissertation: Influences of Polychlorinated Biphenyl Administration on Reproduction and Thyroid Function in Mink (*Mustela vison*).
- DOUGLAS EDGAR CALDWELL, Ph.D. B.S., Michigan State University.
Microbiology and Public Health. Major Professor: James M. Tiedje, Associate Professor.
Dissertation: Some Relationships Between Physiology, Morphology, and Distribution in Sulfur-Oxidizing Bacteria.
- JOSEPH CAPPELLA, Ph.D. B.S., LeMoyne College; M.A., Michigan State University.
Communication. Major Professors: Gerald R. Miller, Professor and John E. Hunter, Professor.
Dissertation: Some Dynamic Mathematical Models of Dyadic Interaction Based Upon Information Profession Theory.
- BARRY A. CARLSON, Ph.D. B.A., M.A., University of Wisconsin.
Geology. Major Professor: C. E. Prouty, Professor.
Dissertation: A Gravity Study of the Geology of Northeastern Wisconsin.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

HERBERT HALL CASWELL, III, Ph.D.

B.S., Michigan State University.
Zoology. Major Professor: William E. Cooper, Professor.
Dissertation: A Neutral Model for Community Structure.

DARRELL LEE CAULEY, Ph.D.

B.A., M.S., University of Cincinnati.
Fisheries and Wildlife. Major Professor: Leslie W. Gysel, Professor.
Dissertation: Habitat Requirements of Four Selected Species in the Urban Environment.

THOMAS ROBERT CHIBUCOS, Ph.D.

B.A., M.A., Northern Illinois University.
Psychology. Major Professor: Hiram E. Fitzgerald, Associate Professor.
Dissertation: A Short-Term Longitudinal Study of Habituation in Two- and Four-Month-Old Infants.

JOHN TANE CHRISTELLER, Ph.D.

B.Sc., M.S., Victoria University.
Biochemistry. Major Professor: N. E. Tolbert, Professor.
Dissertation: Phosphoglycolate Phosphatase: Purification and Properties.

RICHARD GAIN CLARKE, Ph.D.

B.S., Portland State University; M.S., Kansas State University.
Entomology. Major Professor: James E. Bath, Associate Professor.
Dissertation: Characteristics and Serological Analysis of Aphid-Transmissible and Nonaphid-Transmissible Pea Enation Mosaic Virus Variants.

EDWARD ARNOLD COGGER, Ph.D.

B.S., M.S., Michigan State University.
Poultry Science. Major Professor: Robert K. Ringer, Professor.
Dissertation: The Effects of Exogenous Aldosterone and Corticosterone on Renal Function in the Adult Male Domestic Chicken (*Gallus domesticus*).

STUART LEE COONIN, Ph.D.

B.A., University of Maryland; M.A., Michigan State University.
English. Major Professor: Linda C. Wagner, Professor.
Dissertation: Samuel Beckett: The Eastern Influence.

GEORGE FREDERICK CORLISS, Ph.D.

B.A., College of Wooster.
Mathematics. Major Professor: Gerald D. Taylor, Professor.
Dissertation: Parallel Rootfinding Algorithms.

CHARLES J. CORRIGAN, Ph.D.

B.S., Ferris State College; M.A., University of Michigan.
Education. Major Professor: Robert P. Poland, Professor.
Dissertation: A Description of Management Styles and Resource Support Systems of Michigan Community College Occupational Deans: Implications for Adoption of Management by Objectives.

ROGELIO CUYNO, Ph.D.

B.S.A., College of Agriculture, Philippines; M.S., University of Philippines.
Education. Major Professor: Russell J. Kleis, Professor.
Dissertation: Organizing for Change: The Philippine Rain Fed Upland Rice Project, a Temporary Cooperative System for Developing and Diffusing Agricultural Knowledge.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- BAHMAN DADGOSTAR, Ph.D. B.A., Pahlavi University; M.A., Tehran University; M.A., University of Chicago.
Education. Major Professor: John E. Jordan, Professor.
Dissertation: Facet Analysis of Attitude-Behaviors of Mental Patients Toward Mental Illness in a Community Mental Health Center.
- NICHOLAS JOHN DE GRAZIA, Ph.D. B.S., St. Mary's College.
Economics. Major Professor: Milton Taylor, Professor.
Dissertation: Stock Markets and Development: A Case Study of Panama.
- BERT LEE DONALDSON, Ph.D. B.S., Western Michigan University; M.A., Michigan State University.
Education. Major Professor: James E. Keller, Professor.
Dissertation: Development and Evaluation of an Instrument for the Qualitative Evaluation of Classroom Programs for the Emotionally Impaired.
- FRED ALAN EADY, Ph.D. B.A., Howard University; M.A., New York University.
Theatre. Major Professor: Donald Treat, Associate Professor.
Dissertation: Paul Green: Folk-Dramatist, Social Critic.
- JERRY CARL EYER, Ph.D. B.A., Alma College; M.A., Michigan State University.
Psychology. Major Professor: Stanley C. Ratner, Associate Professor.
Dissertation: Heart Rate in Bobwhite During Defensive (Tonic) Im-mobility and Freezing.
- WALTER CORNELIUS FARRELL, JR., Ph.D. B.A., North Carolina University; M.A., Michigan State University.
Geography. Major Professor: Lawrence M. Sommers, Professor.
Dissertation: Intraurban Mobility and Environmental Perception in a Black Middle Class Ghetto: A Case Study in Flint, Michigan.
- CONSTANTINE LLEWELLYN FENDERSON, Ph.D. B.S., Tuskegee Institute; M.S., Michigan State University.
Animal Husbandry and Institute of Nutrition. Major Professor: Werner G. Bergen, Associate Professor.
Dissertation: Amino Acid Requirements and Effect of Excess Dietary Crude Protein on Voluntary Feed Intake and Nitrogen Metabolism of Growing Steers.
- LAWRENCE A. FINFER, Ph.D. A.B., University of Wisconsin; M.A., Michigan State University.
History. Major Professor: Douglas T. Miller, Associate Professor.
Dissertation: Leisure as Social Work in the Urban Community: The Progressive Recreation Movement, 1890-1920.
- PAUL RAYMOND FISKE, Ph.D. B.S., University of Maine; M.S., Michigan State University.
Resource Development. Major Professor: Milton H. Steinmueller, Professor.
Dissertation: A Regional Analysis of Recreational Boating Participa-tion in the State of Michigan.
- JOHN JOSEPH FORD, Ph.D. B.S., Indiana University of Pennsylvania; M.A., Michigan State Uni-versity.
Geography. Major Professor: Stanley D. Brunn, Professor.
Dissertation: A Situational Model to Test the Effectiveness of a Zon-ing Ordinance in Lansing, Michigan.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

HENRY TAYLOR FRIERSON, JR., Ph.D.

B.S., M.Ed., Wayne State University.
Education. Major Professor: Walter G. Hapkiewicz, Associate Professor.
Dissertation: Differences Associated With Conceptual Tempo on Academic Achievement, IQ and Internal-External Control Measures.

JOHN JACOB FURLOW, Ph.D.

B.S., Purdue University; M.A., Indiana University.
Botany and Plant Pathology. Major Professor: John H. Beaman, Professor.
Dissertation: A Systematic Study of the American Species of *Alnus* (Betulaceae).

MARC GERSHOWITZ, Ph.D.

B.S., City College of New York; M.A., Michigan State University.
Psychology. Major Professor: Gary E. Stollak, Associate Professor.
Dissertation: Fantasy Behaviors of Clinic-Referred Children in Play Encounters with College Undergraduates.

LARRY M. GERSTENHABER, Ph.D.

B.A., Queens College; M.A., Michigan State University.
Psychology. Major Professor: John R. Hurley, Professor.
Dissertation: Acceptance Versus Rejection of Others and Self in Personality Self-Reports.

CHRISTINE MARY GIBSON, Ph.D.

B.A., Muskingum College; M.A., M.A., Indiana University.
Spanish, Language and Literature. Major Professor: Donald A. Yates, Professor.
Dissertation: Cinematic Techniques in the Prose Fiction of Beatriz Guido.

BRADLEY BRIAN GLANVILLE, Ph.D.

A.B., University of California; M.A., San Diego State College.
Psychology. Major Professor: Hiram E. Fitzgerald, Associate Professor.
Dissertation: The Effects of Extraneous Stimulation on Habituation and Retention of Habituation in Infants and Adults.

ALVIN RAYMOND GOLDMAN, Ph.D.

B.A., M.A., Wayne State University.
Education. Major Professor: Walter Scott, Associate Professor.
Dissertation: The Use of Peer Influence to Combat Social Problems: A Case Study of the Oakland Community College Center for Drug Studies.

MICHAEL CLARK GREENISEN, Ph.D.

B.S., Northern Illinois University; M.A., Michigan State University.
Education. Major Professor: William W. Heusner, Professor.
Dissertation: Urine Osmolality and Electrolyte Responses of Anxiety Treated Male Rats to Exercise.

ROBERT JOHN GUSTAFSON, Ph.D.

B.S., M.S., University of Illinois.
Agricultural Engineering. Major Professor: Larry J. Segerlind, Associate Professor.
Dissertation: Continuum Theory for Gas-Solid-Liquid Media.

BRIAN KEITH HAHN, Ph.D.

B.S., University of Wisconsin.
Chemistry. Major Professor: Christine G. Enke, Professor.
Dissertation: Computer-Based Coulostatic System for Electrochemical Analysis.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- NORMAN EDWARD HAIMILA, Ph.D. B.A.S., University of British Columbia.
Geology. Major Professor: James W. Trow, Professor.
Dissertation: Contact Phenomena of the Central Vancouver Island Intrusion.
- JERRY DEXTER HALL, Ph.D. B.S., Oregon State University.
Zoology. Major Professor: R. H. Baker, Professor.
Dissertation: Island-Mainland and Within-Season Comparisons of Community Level Parameters and a Model of Their Inter-relationships.
- JOHN EDWARD HALL, Ph.D. B.S., Kent State University.
Physiology. Major Professor: James M. Schwinghamer, Associate Professor.
Dissertation: Control of Skin and Skeletal Muscle Blood Vessels During Hemorrhage.
- FRIDO HANS HAMANN, Ph.D. B.S., Winterthur College of Technology; M.S., University of Houston.
Food Science. Major Professor: Lawrence E. Dawson, Professor.
Dissertation: Analysis of Egg Steroids.
- LYNN TILLEY HAPCHUK, Ph.D. B.S., Pennsylvania State University; M.S., University of Wisconsin.
Food Science. Major Professor: A. M. Pearson, Professor.
Dissertation: Proteolysis of Porcine Muscle by *Clostridium Perfringens*.
- PHILIP SHAW HART, Ph.D. B.A., Colorado University; M.A., Michigan State University.
Sociology. Major Professor: Christopher Sower, Professor.
Dissertation: Problems in Organizational Renewal: A Case Study of Organization Change.
- JAMES BRADLEY HAYNES, Ph.D. B.S., M.A., Central Michigan University.
Resource Development. Major Professor: Eckhart Dersch, Associate Professor.
Dissertation: Consequences of Unplanned Community Development: Minto, Alaska.
- ROBERT CHARLES HICKSON, Ph.D. B.S., Lemoyne College; M.S., Michigan State University.
Education. Major Professor: William W. Heusner, Professor.
Dissertation: Exercise-Induced Biochemical Alterations in Different Types of Skeletal Muscle.
- BERLIN HSIEH HO, Ph.D. B.S., National Taiwan University.
Biochemistry. Major Professor: N. E. Tolbert, Professor.
Dissertation: A Glyoxylate Specific Amino-transferase in Rat Liver Peroxisomes.
- FRANK S. HORVATH, Ph.D. B.A., M.A., Michigan State University.
Social Science. Major Professor: Victor G. Streecher, Professor.
Dissertation: The Accuracy and Reliability of Police Polygraphic ("Lie Detector") Examiners' Judgments of Truth and Deception: The Effect of Selected Variables.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- CURTIS ELTON HUFF, JR., Ph.D. B.A., Antioch College; M.A., Michigan State University. Political Science. Major Professor: Bruce Smith, Professor. Dissertation: Foreign Relations of 34 African States: Regional Patterns and Changes After Military Coups D'Etat, 1964 through 1967.
- G. SCOTT IRVINE, JR., Ph.D. B.A., San Francisco State College; B.D., Berkeley Baptist Divinity School. Education. Major Professor: John E. Jordan, Professor. Dissertation: Racial Attitudes of Black and White Ministers: A Guttman Facet Theory Analysis.
- JAMES EDWARD JAY, Ph.D. B.S., M.S., Tuskegee Institute. Education. Major Professor: Rex E. Ray, Associate Professor. Dissertation: An Assessment of Levels of Occupational Awareness of a Selected Group of High School Seniors.
- JOHN THOMAS JOHNS, Ph.D. B.S., Western Kentucky University; M.S., Michigan State University. Animal Husbandry and Institute of Nutrition. Major Professor: Werner C. Bergen, Associate Professor. Dissertation: The Influence of Dietary and Hormonal Factors on Growth and Development in the Ruminant.
- JOHN WILLIAM JOHNSON, Ph.D. B.S., Indiana State University; B.S.M.E., M.S.M.E., Purdue University. Education. Major Professor: George M. VanDusen, Associate Professor. Dissertation: The Development of a Computerized Model for Teaching Engineering Statics.
- DARYL EMRYS JONES, Ph.D. B.A., M.A., Michigan State University. English. Major Professor: Russell B. Nye, Professor. Dissertation: The Dime Novel Western: The Evolution of a Popular Formula.
- CHRISTOS THEOCHARIS KAMENIDIS, Ph.D. B.S., University of Thessaloniki; Diploma, University of Oxford; M.S., University of Missouri; M.A., Michigan State University. Agricultural Economics. Major Professor: Vernon L. Sorenson, Professor. Dissertation: Efficient Organization of the Livestock-Meat Marketing System in Eastern Macedonia, Greece.
- MICHAEL HARLAN KAPLAN, Ph.D. B.A., University of Minnesota; B.S., St. Cloud State College; M.A., College of St. Thomas. Education. Major Professor: Howard W. Hickey, Associate Professor. Dissertation: A Comparative Analysis of the Ratings of Community Education Goals Assigned by Four Groups: Regional and Cooperating Center Directors; and Principals, Superintendents and Community Education Directors in Minnesota Community School Districts.
- PETER B. KARCH, Ph.D. B.S., University of Detroit; M.S., University of Western Ontario. Zoology. Major Professor: James C. Braddock, Professor. Dissertation: The Role of Experience in the Behavioral/Physiological Adaptation of *Peromyscus maniculatus bairdii* to Extended Periods of a Protein Free Diet.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- MYRNA PICHON KEPHART, Ph.D. B.A., M.A., Michigan State University.
Education: Major Professor: Marvin Grandstaff, Associate Professor.
Dissertation: The Philosophical and Political Foundations of Paul Goodman's Educational Thought.
- ROBERT VERNON KESLING, JR., Ph.D. B.S., B.S.F., University of Michigan; M.S., Michigan State University.
Forestry. Major Professor: Robert J. Marty, Professor.
Dissertation: An Administrative Study of Southern Michigan State Game Areas.
- SANAULLAH KIRMANI, Ph.D. B.A., M.A., Michigan State University.
Philosophy. Major Professor: Harold T. Walsh, Professor.
Dissertation: A Section From the Logic of Avicenna's Danish Nameh-E 'Alai Text With Translation Analysis, and Notes: A Contribution to the History of Logic.
- JOHN KISSINGER, Ph.D. B.S., Allegheny College; M.B.A., Michigan State University.
Business Administration (Accounting). Major Professor: Alvin Arens, Associate Professor.
Dissertation: A Study of Factors Which Effect Audit Evidence Accumulation.
- PAUL S. KNECHT, Ph.D. B.A., University of Louisville; M.A., University of Michigan.
Education. Major Professor: Bruce D. Cheney, Professor.
Dissertation: A Model to Facilitate the Assessment of Epistemological Quality in Elementary Science Programs.
- PAULA R. KNEPPER, Ph.D. B.A., M.A., Michigan State University.
Education. Major Professor: Maryellen McSweeney, Professor.
Dissertation: An Investigation of the Characteristics of Current Professional Journals in Education.
- CHARLES JOSEPH KNOBLAUCH, Ph.D. B.S., Michigan State University; M.S., Kansas State University.
Crop Science. Major Professor: Fred C. Elliott, Professor.
Dissertation: Early Generation Selection in Triticale for Factors Contributing to Protein Quality.
- RICHARD EARL KOCH, Ph.D. B.A., Yankton College; M.A., Michigan State University.
English. Major Professor: Roger K. Meiners, Professor.
Dissertation: Walt Whitman, T. S. Eliot, and the Dilemma of Modern Consciousness.
- BEN J. KOEPKE, Ph.D. B.A., Andrews University; M.A., Ed.S., Michigan State University.
Education. Major Professor: William A. Mann, Professor.
Dissertation: Evaluation of a Traffic Safety Curriculum for Use in the Junior High School.
- BARBARA L. KREÜTZ, Ph.D. B.S., University of Nebraska; M.S., Iowa State University.
Family Ecology. Major Professor: Beatrice Paolucci, Professor.
Dissertation: Association of Homemaker Attitudes to Nutrition Knowledge.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- KANIT KRISNANGKURA, Ph.D. B.S., M.S., Mahidol University.
Biochemistry. Major Professor: Charles C. Sweeley, Professor.
Dissertation: Studies on the Biosynthesis of Sphingolipid Bases.
- LEROY CARL KROLL, Ph.D. A.B., Lafayette College.
Chemistry. Major Professor: Robert H. Grubbs, Associate Professor.
Dissertation: Polymer-Supported Catalysts.
- CLEM A. KUEHLER, Ph.D. B.S., Texas Technology College; M.S., Michigan State University.
Food Science. Major Professor: Charles M. Stine, Professor.
Dissertation: The Effect of Process Parameters on the Flavor and Protein Degradation in Quick Ripened Blue Cheese.
- EDWARD LOUIS LAMIE, Ph.D. A.B., San Diego State College; M.S., University of Southern California.
Computer Science. Major Professor: Lewis H. Greenberg, Assistant Professor.
Dissertation: Multiprocessing Using Program Structures.
- GREY RICHARD LARISON, Ph.D. B.S., Cornell University; M.A., Michigan State University.
Psychology. Major Professor: Joseph Reyher, Professor.
Dissertation: The Use of Free Imagery, Non-Directive Interviewing, and Selected Drugs to Lift Post Hypnotic Repression.
- ROBERT MCCARTNEY LEEKLEY, Ph.D. B.A., Carleton College; M.A., Michigan State University.
Economics. Major Professor: Byron Brown, Assistant Professor.
Dissertation: A Multiple Output Approach to Public Education.
- MAUREEN JULIANNE LEVINE, Ph.D. B.S., M.A., S.P.P.S., Central Michigan University.
Psychology. Major Professor: Hiram E. Fitzgerald, Associate Professor.
Dissertation: Physiological Responses in Intrasensory and Intersensory Integration of Auditory and Visual Signals by Normal and Deficit Readers.
- KAM CHI LI, Ph.D. B.Sc., National Taiwan University; M.S., Michigan State University.
Electrical Engineering. Major Professor: Kun-Mu Chen, Professor.
Dissertation: Radiation and Resonances of Electroacoustic and Ion-acoustic Waves in Compressible Plasma.
- ROBERT MORRELL LOCKHART, Ph.D. B.A., Teachers College; M.A., Michigan State University.
Education. Major Professor: Walter F. Johnson, Professor.
Dissertation: Accountability in the Administration of Unemployment Compensation in Michigan Institutions of Higher Education.
- CHARLES HENRY LOWERY, Ph.D. B.S., Central State College; M.A., Michigan State University.
Education. Major Professor: B. Bradley West, Associate Professor.
Dissertation: The Impact of Pre-Education Clinical Experience in Teacher Career Decision Making Among Selected Michigan State University Elementary Teacher Candidates.
- ROBERT R. LUDEMAN, Ph.D. B.A., Walla Walla College; M.A., University of Washington; M.S., Oregon State University.
Education. Major Professor: Richard J. McLeod, Associate Professor.
Dissertation: Development of the Science Processes Test (TSPT).

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- TERRY JOE MARTIN, Ph.D. B.S., Kansas State College; M.S., Kansas State University.
Botany and Plant Pathology. Major Professor: Albert H. Ellingboe, Professor.
Dissertation: Uptake of ^{32}P by *Triticum Aestivom* and Genetic Control of ^{32}P Transfer to *Erysiphe graminis* During Primary Infection.
- DONALD ORSON MARTZ, Ph.D. A.B., Western Michigan University; M.A., University of Michigan; Ed.S., Michigan State University.
Education. Major Professor: William J. Walsh, Professor.
Dissertation: A Study of the Effects of Performance Contracting in Michigan.
- PAUL JOSEPH MCCARTHY, Ph.D. B.A., Aquinas College.
English. Major Professor: Lawrence Babb, Professor.
Dissertation: A Doctor's Language of Devotion: The Occult Sciences in the Works of Sir Thomas Browne.
- KENNETH WILLIAM MCLEOD, Ph.D. B.S., M.S., Oklahoma State University.
Botany and Plant Pathology. Major Professor: Peter G. Murphy, Assistant Professor.
Dissertation: Survival Strategy of *Ptelea trifoliata* During Establishment on Lake Michigan Sand Dunes.
- DONALD LEE MELLINGER, Ph.D. B.S., Eastern Mennonite College; M.Ed., Pennsylvania State University.
Zoology. Major Professor: Donald J. Hall, Professor.
Dissertation: A Study of the Coexistence of Two Species of *Diaptomus* (Copepoda: Calanoida) in Gull Lake, Michigan.
- JOHN ROLAND MIETUS, Ph.D. A.B., Marquette University; M.A., Michigan State University.
Psychology. Major Professor: Frederic R. Wickert, Professor.
Dissertation: The Impact of an Executive Training Program: A Field Experiment.
- BRUCE LESLIE MILES, Ph.D. B.S., Michigan State University.
Education. Major Professor: Charles F. Schuller, Professor.
Dissertation: The Effect of Photographic Production Errors in the Visual Track of a Multi-Sensory Program Format on Cognitive Learning.
- HARVEY BRUCE MILKMAN, Ph.D. B.S., City College of New York; M.A., Michigan State University.
Psychology. Major Professor: Gary E. Stollak, Associate Professor.
Dissertation: Preferential Abuse of Heroin or Amphetamine.
- KEVIN MARK MISIEWICZ, Ph.D. B.B.A., Western Michigan University.
Business Administration (Accounting). Major Professor: Charles J. Gaa, Professor.
Dissertation: An Analysis of the Dichotomous Federal Income Tax Treatment of the Income-Producing Expenses of Individuals.
- RAYMOND JOSEPH MONTEMAYOR, Ph.D. B.A., University of Texas; M.A., Michigan State University.
Psychology. Major Professor: John P. McKinney, Professor.
Dissertation: The Development and Differentiation of Role Expectations in Children and Adolescents.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- JAMES MICHAEL MOUNTZ, Ph.D. B.S., Wright State University; M.S., Michigan State University. Physics. Major Professor: H. Z. Ming Ma, Associate Professor. Dissertation: A Study of the Reaction $\bar{p}n \rightarrow \pi^+ \pi^- \pi^-$ From 1.09 to 1.43 GeV/c.
- RUSSELL ARNOLD MULLENS, Ph.D. B.S., Omaha University. Education. Major Professor: Dale V. Alam, Associate Professor. Dissertation: Change Agent Activity by Elementary Science Workshop Participants.
- PAUL BARRY MYERS, Ph.D. B.A., University of Texas; M.A., University of Kentucky. Resource Development. Major Professor: Lewis W. Moncrief, Associate Professor. Dissertation: Decision Making and Travel Behavior: A Midwestern Study.
- DANIEL GEORGE NEARY, Ph.D. B.S., M.S., Michigan State University. Forestry. Major Professor: Gerhardt Schneider, Professor. Dissertation: Effects of Municipal Waste Water Irrigation on Forest Sites in Southern Michigan.
- DAVID HERMAN NELSON, Ph.D. B.A., M.A., Baylor University. Zoology. Major Professor: Marvin M. Hensley, Professor. Dissertation: Ecology of Anuran Populations Inhabiting Thermally Stressed Aquatic Ecosystems, With Emphasis on Larval *Rana Pipiens* and *Bufo Terrestris*.
- LARRY ALAN NELSON, Ph.D. B.M., University of Denver; M.M., Southern Illinois University. Music. Major Professor: H. Owen Reed, Professor. Dissertation: Variations for Orchestra.
- SHAILAJA NIKAM, Ph.D. B.A., Maharaja's College; M.A., University of Mysore; M.A., University of Southern California. Audiology and Speech Sciences. Major Professors: Daniel S. Beasley, Associate Professor and William F. Rintelmann, Professor. Dissertation: Perception of Time-Compressed English CNC Monosyllables by Non-Native Speakers.
- YOSHIHIRO OBATA, Ph.D. M.M., New England Conservatory. Music. Major Professor: Edgar L. Kirk, Professor. Dissertation: The Band in Japan From 1945 to 1970: A Study of Its History and the Factors Influencing Its Growth During This Period.
- JOHN LOUIS OKAY, Ph.D. B.S., M.S., Michigan State University. Resource Development. Major Professor: Milton H. Steinmueller, Professor. Dissertation: An Analysis of the Soil Conservation Service Erosion Control Program in Michigan.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

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| BENJAMIN NKEM OKWUMABUA, Ph.D. | B.S., Central State University; M.B.A., M.L.I.R., Michigan State University.
Business Administration (Management). Major Professor: R. Winston Oberg, Professor.
Dissertation: The Impact of Urban and Rural Cultural Settings, Urban and Rural Socialization and Socio-Economic Status on Job Satisfaction of Black and White Employees in Routine and Non-Routine Jobs. |
| JAN SCOTT PALMER, Ph.D. | B.A., University of Michigan; M.A., Michigan State University.
Economics. Major Professor: Daniel Hamermesh, Associate Professor.
Dissertation: An Economic Analysis of Sentencing and Recidivism in the Michigan Criminal Justice System. |
| GEORGE Y. PALOORTHEKKATHIL, Ph.D. | B.S., University College, India; M.A., Michigan State University.
Education. Major Professor: Melvin C. Buschman, Professor.
Dissertation: Strategies to Improve the Efficiency of Educational Administration in Kerala State, India. |
| KUNDANABHAI M. PATEL, Ph.D. | M.S., University V. V. Nagar.
Chemistry. Major Professor: William H. Reusch, Professor.
Dissertation: Modification of Steroid Enones via α -Methylation and Functional Metathesis. |
| ROBERT MICHAEL PIERCE, Ph.D. | B.A., B.A., University of California; M.A., Michigan State University.
Geography. Major Professor: Stanley D. Brunn, Professor.
Dissertation: Behavioral Correlates of Perceived Stress in the Urban Environment: Spatial Restriction in Metropolitan Detroit. |
| BINGLEY BING-WING POON, Ph.D. | B.Sc., Fu Jen University; M.S., Michigan State University.
Physics. Major Professor: George F. Bertsch, Professor.
Dissertation: Alpha Particle Model of ^{16}O . |
| SOR-WASNA SOMSWASDI
PRAVALPRUK, Ph.D. | B.Ed., College of Education, Thailand; M.A., Michigan State University.
Education. Major Professor: William A. Mehrens, Professor.
Dissertation: Comparison Among Teachers in Khon Kaen, Thailand to Determine Their Testing Needs. |
| JOSEPH ROBERT PROHASKA, Ph.D. | B.S., Wisconsin State University.
Biochemistry. Major Professor: William W. Wells, Professor.
Dissertation: Effects of Copper Deficiency and Hyperphenylalanine on the Developing Rat Brain. |
| YVON PROULX, Ph.D. | B.S.A., M.S., Universite Laval, Quebec.
Agricultural Economics. Major Professor: James T. Bonnen, Professor.
Dissertation: The Location Pattern of the Largest Manufacturing Corporations and Its Impact on Rural Areas Economic Growth: A Case Analysis for the States of Michigan and California. |
| DONNA JEAN READ, Ph.D. | B.S., M.A., Ed.S., Michigan State University.
Education. Major Professor: William K. Durr, Professor.
Dissertation: The Relationship of Assembling Scrambled Words and Sentence Completion Activities to the Reading Comprehension Scores of Second Grade Students. |

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- RICHARD WAYNE REDFEARN, Ph.D. B.S., Massachusetts Maritime Academy.
Education. Major Professor: Louis C. Stamatakis, Professor.
Dissertation: The Status of the Health Care Capability of Athletic Programs in Michigan Senior High Schools.
- WILLIAM EDWARD REMUS, Ph.D. B.S., B.S., University of Michigan; M.S., University of California; M.B.A., Michigan State University.
Business Administration (Management). Major Professor: Richard Henshaw, Professor.
Dissertation: Utilization of an Executive Decision Game to Test Bowman's Managerial Coefficient Theory.
- PLATON N. RIGOS, Ph.D. B.A., University of Colorado; M.A., University of California.
Political Science. Major Professor: Charles Press, Professor.
Dissertation: Local Policy Choices and Party Control: Political Institutionalization Among French Urban Communes.
- ALFREDO ROA MEJIA, Ph.D. B.S., Universidad del Valle; M.A., University of Florida.
Agricultural Economics. Major Professor: Glenn L. Johnson.
Dissertation: Rural-Urban Migration and Its Relation to Unemployment in the Urban Area of Valle Del Cauca, Colombia.
- MARYLOU ORDWAY ROBINS, Ph.D. B.S., M.A., Western Michigan University.
Education. Major Professor: Richard L. Featherstone, Professor.
Dissertation: A Study of Program Relevance in Selected Michigan Colleges and Universities.
- SONIA RUIZ PEREZ, Ph.D. B.A., M.A., University of Chile; M.A., Michigan State University.
Anthropology. Major Professor: Stanley H. Brandes, Assistant Professor.
Dissertation: Beyond Poverty: A Study of Begging in a Mexican City.
- DERKHSHANDEH HAMIDI SADEGHI, Ph.D. B.S., Teacher Training College; Iran; M.A., Michigan State University.
Education. Major Professor: J. Geoffrey Moore, Professor.
Dissertation: The Inquiry Method in Secondary School Geography: Units on the Cultural Geography of Iran.
- SAMUEL MAURICE SCAMMON, Ph.D. A.B., Northwest Nazarene College; M.Ed., Wayne State University; M.B.A., University of Detroit.
Education. Major Professor: Helen H. Green, Professor.
Dissertation: An Analysis of the Need for and Use of Shorthand by Secretaries in Large Businesses as Indicated by Secretaries, Managers, and Personnel Directors.
- JAMES ROBERT SCHINNER, Ph.D. B.S., M.S., University of Cincinnati.
Fisheries and Wildlife. Major Professor: Leslie W. Gysel, Professor.
Dissertation: An Analysis of the Interrelationship of Habitat and Avifauna in Metropolitan Detroit.
- THOMAS JOSEPH SCHUENEMAN, Ph.D. B.S., M.S., Michigan State University.
Soil Science. Major Professor: Boyd G. Ellis, Professor.
Dissertation: Plant Response to and Soil Immobilization of Increasing Levels of Zn^{+2} and Cr^{+3} Applied to a Catena of Sandy Soils.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- PAUL WILLIAM SCHULTZ, Ph.D. B.M.E., Central Michigan University.
Music. Major Professor: Robert Sidnell, Professor.
Dissertation: The Formant Behavior of Vowels in Selected Tenor Voices.
- BERNARD DUANE SHANKS, Ph.D. B.S., M.S., Montana State University.
Resource Development. Major Professor: Eckhart Dersch, Associate Professor.
Dissertation: Indicators of Missouri River Project Effects on Local Residents: An Advocacy Resource Development Approach.
- DAVID LAWRENCE SHOW, Ph.D. B.A., Andrews University.
Physics. Major Professor: Bryan H. Wildenthal, Professor.
Dissertation: A Study of the (p,d) Reaction on the Germanium Isotopes.
- RAJINDER PAUL SINGH, Ph.D. B.S., Punjab Agricultural University; M.S., University of Wisconsin.
Agricultural Engineering. Major Professor: Dennis R. Heldman, Professor.
Dissertation: Computer Simulation of Liquid Food Quality During Storage.
- IRA DAVID SKURNICK, Ph.D. B.S., City College of New York; M.S., John Carroll University.
Biophysics. Major Professor: Gabor Kemeny, Professor.
Dissertation: Stochastic Studies of Aging and Mortality in Multicellular Organisms.
- HARRY THOMAS SMITH, Ed.D. B.S., Northeast Missouri State University; M.S., Central Missouri State University.
Education. Major Professor: C. Blair MacLean, Professor.
Dissertation: Integration of College Students' Perceived Advising Needs Into a Model for Academic Advising (With Emphasis on Industrial-Arts Majors).
- VALDIN G. SMITH, Ph.D. B.Sc., Tuskegee Institute; M.S., Michigan State University.
Dairy Science. Major Professor: Edward M. Convey, Associate Professor.
Dissertation: Factors Influencing Bovine Prolactin and Growth Hormone.
- BERNARD ALAN SNIDER, Ph.D. B.S., M.S., The Ohio State University.
Education. Major Professor: Melvin C. Buschman, Professor.
Dissertation: Identification of Roles and Related Variables of Paraprofessional Youth Workers in Three County 4-H Staffing Models in the Michigan Cooperative Extension Service.
- EDWARD TAYLOR SPINK, Ph.D. B.A., M.A., Michigan State University.
Education. Major Professor: Charles A. Blackman, Professor.
Dissertation: The Michigan Cooperative Curriculum Program: A Descriptive Study of State Leadership in Curriculum Development (1935-1968).

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- DORIS M. SPONSELLER, Ph.D. B.S., The Ohio State University; M.A., Michigan State University. Education. Major Professor: Louise M. Sause, Professor. Dissertation: Parents as Testers: Measuring Toddlers' Language Comprehension Through Parent/Child Interaction.
- MANOOWETAYA SRISEN, Ph.D. B.S., Kasetsart University; M.S., Michigan State University. Soil Science. Major Professor: Boyd G. Ellis, Professor. Dissertation: Adsorption of Phosphorus by Five Michigan Soils Under Anaerobic Conditions.
- WARREN WILLIAM STARR, Ph.D. B.S., Youngstown University; M.A., Michigan State University. Education. Major Professor: George R. Myers, Professor. Dissertation: A Study to Determine the Profile of Essential Teaching Competencies of a Coping First-Year Teacher.
- WILLIAM FREDERICK STEELE, Ph.D. B.S., University of California; M.S., Michigan State University. Physics. Major Professor: Gerald M. Crawley, Professor. Dissertation: A Survey of the (^3He , ^7Be) Reaction at 70 MeV.
- ROBERT DALE STEELY, Ph.D. B.S., Purdue University; M.S., Indiana University. Education. Major Professor: Rex E. Ray, Associate Professor. Dissertation: A Descriptive Study of the Evening Students Enrolled in Occupational Education Courses in the West Central League of Michigan Community Colleges.
- GERARD NICHOLAS STELMA, JR., Ph.D. B.S., University of Michigan. Microbiology and Public Health. Major Professor: Harold L. Sadoff, Professor. Dissertation: Temperature-Sensitive Mutants of *Bacillus cereus* T Impaired in Ability to Sporulate and Altered in Resistance to Lysis by Bacteriophage.
- MYLES STEVEN STERN, Ph.D. A.B., M.B.A., University of Michigan. Business Administration (Accounting). Major Professor: George C. Mead, Professor. Dissertation: Accounting Information for Environmental Decisions.
- CHARLES RALPH STIRRAT, Ph.D. B.S., Wisconsin State College; M.S., Michigan State University. Physics. Major Professor: Jerry A. Cowen, Professor. Dissertation: The Magnetic Behavior of Several Transition Metal Salts — Some Low-Dimensional Effects.
- ROBERT DAVIES STONE, Ph.D. B.A., Denison University; M.A., Michigan State University. Education. Major Professor: Lee S. Shulman, Professor. Dissertation: Peer Assisted Instruction in a Mastery-Based Teacher Education Course: A Study of the Learning Cell.
- RONALD GORDON STOREY, Ph.D. B.B.A., University of New Brunswick; M.B.A., Queen's University. Business Administration (Management). Major Professor: Henry L. Tosi, Professor. Dissertation: The Contingency Theory of Organizations: An Examination of the Relationships of Climate and Personality with Performance and Satisfaction in a Stable Environment.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- JEAN THERESA STRANDNESS, Ph.D. B.A., M.A., Michigan State University.
Comparative Literature. Major Professor: Arnold Williams, Professor.
Dissertation: *Mimetic and Exemplary Modes in the Chanson de Geste: Raoul de Cambrai and La Chanson de Roland.*
- DARYL RALPH STROHBEHN, Ph.D. B.S., Iowa State University; M.S., Michigan State University.
Animal Husbandry. Major Professor: William T. Magee, Professor.
Dissertation: Evaluation of Response to Selection and Mating Systems With Different Levels of Heritability, Selection Intensity and Progeny Testing Through The Use of Simulation.
- RUTH ANN SU, Ph.D. B.A., Coe College; M.S., Michigan State University.
Mathematics. Major Professor: Peter A. Lappan, Professor.
Dissertation: The Theory of Cluster Sets.
- DONALD F. SULLIVAN, Ph.D. B.S., Boston College.
Chemistry. Major Professor: Michael W. Rathke, Associate Professor.
Dissertation: Reactions of Ester Enolates.
- BUNLOE SUTHAROMN, Ph.D. B.S., Central Philippine University; M.S., Michigan State University.
Agricultural Economics. Major Professor: Warren H. Vincent, Professor.
Dissertation: The Effect of Changing Areas and Levels of Technology of Corn and Cotton Production on the Net Foreign Exchange in Thailand.
- DAVID GEORGE TAYLOR, JR., Ph.D. B.S., Central Michigan University.
Pharmacology. Major Professor: Gerard L. Gebber, Associate Professor.
Dissertation: Electrophysiological Studies on the Organization of Central Vasopressor Pathways.
- JEFFREY EARL TELSCHOW, Ph.D. B.S., University of Rochester.
Chemistry. Major Professor: William H. Reusch, Professor.
Dissertation: Part I — The Synthesis of 2,5-Dioxo-cyclopentanepropionic Acid. Part II — The Synthesis and Photorearrangement of Two β,γ -Enones.
- LEON DARRYL THOMANDER, Ph.D. B.S., Brigham Young University; M.A., Michigan State University.
Psychology. Major Professor: John E. Hunter, Associate Professor.
Dissertation: The Treatment of Dating Problems: Practice Dating, Dyadic Interaction, and Group Discussion.
- CAROLYN PALMER THOMAS, Ph.D. B.S., University of Illinois; M.A., Michigan State University.
Sociology. Major Professor: Harry Perlstadt, Assistant Professor.
Dissertation: Social Participation of Women: Labor Force, Formal, Informal.
- STUART WINSTON THOMAS, JR., Ph.D. B.S., Marshall University; M.A., Michigan State University.
Psychology. Major Professor: John E. Hunter, Associate Professor.
Dissertation: Organization and Retrieval of Multi-Attribute Entities in Long Term Memory.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- THOMAS ANDREW ULRICH, Ph.D. A.B., Franklin-Marshall College; M.S., University of Delaware.
Business Administration (Finance). Major Professor: Alden C. Olson,
Professor.
Dissertation: The Effect of Portfolio Size on Portfolio Performance:
An Empirical Analysis.
- DANIEL RICHARD VELLENGA, Ph.D. B.S., M.B.A., University of Illinois.
Business Administration (Finance). Major Professor: Alan E. Grune-
wald, Professor.
Dissertation: The Investment Performance of State Retirement Funds.
- ROBERT LAYMAN VERTREES, Ph.D. B.S., Purdue University; M.S., Michigan State University.
Resource Development. Major Professor: Milton H. Steinmueller, Pro-
fessor.
Dissertation: The Incidence of Certain Beneficial and Adverse Ef-
fects of Public Water Pollution Control Measures Upon Manufactur-
ing Industry in Michigan.
- FRANK MICHAEL VIVIO, JR., Ph.D. B.S., M.A., Michigan State University.
Education. Major Professor: William Sweetland, Professor.
Dissertation: An Investigation of the Credit-No Credit Grading Op-
tion Used by Undergraduates at Michigan State University.
- JAMES CHARLES VOTRUBA, Ph.D. B.A., M.A., Michigan State University.
Education. Major Professor: Floyd G. Parker, Professor.
Dissertation: An Examination of the Potential Role of Regional
Higher Education Compacts in the Development of Greater Inter-
state Cooperation in Graduate Education.
- ROBERT JENNINGS WALDRON, JR., Ph.D. B.S., Gonzaga University; M.S., Michigan State University.
Mathematics. Major Professor: Charles J. Martin, Professor.
Dissertation: Inviscid Compressible Fluid Flow in a Curved Mem-
brane Shell.
- MICHAEL GERARD WALRAVEN, Ph.D. B.A., University of Maryland; M.A., Western Michigan University.
Psychology. Major Professor: Hiram E. Fitzgerald, Associate Professor.
Dissertation: Mother and Infant Cardiac Responses During Breast
and Bottle Feeding.
- PAMELA J. WEATHERS, Ph.D. B.S., Marquette University.
Botany and Plant Pathology. Major Professor: Michael Jost, Associate
Professor.
Dissertation: Partial Primary Structure of Gas Vacuole Membranes
from *Microcystis aeruginosa*.
- JOSEPH ROY WEBBER, Ph.D. B.A., California State College; M.A., Michigan State University.
Psychology. Major Professor: Andrew M. Barclay, Associate Professor.
Dissertation: The Influence of Racial Group Composition on Racial-
Aggressive Humor Appreciation: A Test of Reference Group Theory.
- DANIEL MERTON WEGNER, Ph.D. B.S., M.A., Michigan State University.
Psychology. Major Professor: William D. Crano, Associate Professor.
Dissertation: The Development and Articulation of Attributes in Per-
son Perception.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREE — FALL TERM, 1974 (Continued)

- DORIS ELLEN WEIGEL, Ph.D. B.A., State University of New York; M.A., Michigan State University. Psychology. Major Professor: Lucy R. Ferguson, Professor. Dissertation: The Association of Parent/Child-Rearing Practices with Children's Reports of Shame and Guilt.
- ANN F. WELTON, Ph.D. B.A., Lake Forest College. Biochemistry. Major Professor: Steven D. Aust, Associate Professor. Dissertation: Rat Liver Microsomal Structure and the Mixed-Function Oxidases.
- PHILIP KARL WELTY, Ph.D. B.S., Kent State University; B.S., General Motors Institute; M.S.T., University of Arizona. Chemistry. Major Professor: Thomas J. Pinnavaia, Associate Professor. Dissertation: Mineral-bound Rhodium Hydrogenation Catalysts.
- W. SEDGEFIELD WHITE, JR., Ph.D. B.A., Ricker College; M.S., Michigan State University. Botany and Plant Pathology. Major Professor: Robert G. Wetzel, Professor. Dissertation: Role of Calcium Carbonate Precipitation in Lake Metabolism.
- JOHN DAVID YORDY, Ph.D. B.A., Goshen College. Chemistry. Major Professor: William H. Reusch, Professor. Dissertation: The Reactions of Substituted 5-Hydroxy-6-Methyl-Bicyclo[4.4.0.0^{1,5}]Decan-9-Ones.
- LELAND WILBUR YOUNKER, Ph.D. B.S., M.S., Michigan State University. Geology. Major Professor: Thomas A. Vogel, Professor. Dissertation: Role of Mantle Derived Magmas in the Production of Crystal Melts.

CANDIDATES FOR EDUCATIONAL SPECIALIST DEGREE — FALL TERM, 1974

- RONALD WALTER AUGUST, Ed.S. B.A., University of Detroit; M.A., Wayne State University. Education. Major Professor: Harvey F. Clarizio, Professor.
- WILLA MAE BERENTSEN, Ed.S. B.S., M.A., Central Michigan University. Education. Major Professor: Dale V. Alam, Associate Professor.
- EDWARD NICHOLAS CLARIZIO, Ed.S. B.A., M.Ed., College of St. Thomas. Education. Major Professor: Harvey F. Clarizio, Professor.
- DALE RICHARD DITTMER, Ed.S. B.S., M.A., Western Michigan University. Education. Major Professor: Stanley E. Hecker, Professor.
- ALAN JAMES FROST, Ed.S. B.A., M.A., Michigan State University. Education. Major Professor: James W. Costar, Professor.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR EDUCATIONAL SPECIALIST DEGREE — FALL TERM, 1974 (Continued)

SHERMAN LEE GRIFFING, Ed.S.	B.A., M.A., Michigan State University. Education. Major Professor: O. Donald Meaders, Professor.
MARJORIE TROY HART, Ed.S.	B.A., M.A., Central Michigan University. Education. Major Professor: George B. Sherman, Assistant Professor.
SHAMIMA ISLAM, Ed.S.	B.A., M.A., Dacca University; M.A., Michigan State University. Education. Major Professor: Russell Kleis, Professor.
BARRIE B. LOWY, Ed.S.	B.A., M.A.T., Oakland University. Education. Major Professor: Harvey F. Clarizio, Professor.
JEAN MARIE MARLOWE, Ed.S.	B.A., Michigan State University. Education. Major Professor: Glen Cooper, Professor.
ELIZABETH VAIL NORLIN, Ed.S.	B.S., M.A., Northern Michigan University. Education. Major Professor: William V. Hicks, Professor.
KULTHALEE PORNPIBUL, Ed.S.	B.A., Chulalongkorn University; M.A., Michigan State University. Education. Major Professor: Bruce D. Cheney, Professor.
THOMAS L. PRIDGEON, Ed.S.	B.A., Adrian College; M.A., Eastern Michigan University. Education. Major Professor: Alexander J. Kloster, Associate Professor.
CHARLES FRANK ROBINSON, Ed.S.	B.S., M.A., Michigan State University. Education. Major Professor: Harvey F. Clarizio, Professor.
JOSEPHINE JULIA SAWAIA, Ed.S.	B.S., University of Arizona. Education. Major Professor: Peter G. Haines, Professor.
LYNN CARLETON SCHLUETER, Ed.S.	B.A., Wayne State University; M.A., Michigan State University. Education. Major Professor: William Sweetland, Professor.
DEMPSEY EDWARD SCOTT, Ed.S.	B.A., David Lipscomb College; M.A., Michigan State University. Education. Major Professor: Herbert M. Burks, Jr., Associate Professor.
PANTIP THONGPRICHA, Ed.S.	B.A., College of Education, Thailand; M.A., Michigan State University. Education. Major Professor: Earl F. Newman, Instructor.
ALBERT W. VAN OVERMEER, Ed.S.	A.B., Olivet College; M.A., Eastern Michigan University. Education. Major Professor: Dale V. Alam, Associate Professor.
FRANK HUNTER WILSON, Ed.S.	B.A., Adams State College; M.A., Michigan State University. Education. Major Professor: Ben A. Bohnhorst, Professor.

CANDIDATE FOR THE DIPLOMA FOR ADVANCED GRADUATE STUDY — FALL TERM, 1974

JOSE LUIS MESA, D.A.G.S.	B.A., M.A., Western Michigan University. Geography. Major Professor: Stanley D. Brunn, Associate Professor.
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COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

LAWRENCE L. BOGER, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
MASTER
OF SCIENCE

Agricultural Mechanization

Adalberto Diaz

Building Construction

Thomas Erroll Bradley

Dairy Science

Theodore Allen Ferris
Rodney Kenneth McGuffey

Fisheries and Wildlife

Donald Joseph Buggia
Thomas Paul Husband
David Craig Mahan
Dennis Ray Pursell

Food Science

Christos Drosos Farmakis
Elizabeth Ann Hoffman
Gholamhossein
Kabirmeidanshah

Forestry

Prasarn Bamroongrasd
Darrell Paul Fuller
Donald Roy Kreitner
Michael J. Scott-Burke

Horticulture

Harry Clair Bittenbender
Donald Claude Coston
James Edward Neibauer
Jorge Sosa-Coronel

Park and Recreation

Resources

Paul Robert Bigford
Stephen Douglas Brown
Gary Joseph Davis
Fred John Galloway
Kevin James Greene
Larry Douglas Gustke

James Michael Houck
Thomas D. Warner
Timothy James Warrick

Resource Development

Marilyn Joy Bennett
Robert Kirk Johnson, Sr.
Mary Lou Marino
Malcolm Taylor
A. Eldon Wiebe

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF ENGINEERING

Agricultural Engineering

Ko Kung Muh
Edison Wamara Rugumayo

DEGREE OF
BACHELOR
OF SCIENCE

Animal Husbandry

Dennis Lynn Garton
Cynthia Suzanne Hansen
Thomas Merrill Holman
Terry Patricia Lueck
Joseph Paul Wasung

Building Construction

Kenneth John DeVries
John Jeffrey Holland
Kenneth Albert Lech
Terrence L. Shaffer
Allan Douglas Snider
Thomas Edward Weber
*Paul Allan Wolters

Crop Science

*James Robert McIntosh

Dairy Science

*Sharon Kaye Fairchild

Fisheries and Wildlife

Ronald Frederick Brown
Patrick Thomas Cagney
Christopher Harvey Campbell
Freddie Phillip Cox
Barbara Gail Crider
Maya A. Hamady
**Susan Kathleen Kukila
Daniel Lee Lawson

**Cherine Marie Le Blanc
Robert Edward Wyman

Food Science

David Lee Altenbernt

Food Systems Economics and Management

William Ralph Haugh

Forestry

Michael Stuart Benford
Kim Edward Salmela

Horticulture

Bruce Harlan MacDowell

* With Honor
** With High Honor

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

DEGREE OF BACHELOR OF SCIENCE

Natural Resources and Environmental Education

*Stephen Allen Collins

Packaging

Steven Lewis Bakus
Lelia Anne Bolanowski
Robert Benjamin Galbraith
Lyle James Leonard
Doyal V. Little
James Francis Perry
*Karen Lee Proctor
Robert Fletcher Stirling
Kun S. Yu

Park and Recreation Resources

**Shirley Ann Ainslie
Alan Richard Cook
Niles George Schonfeld
Lance Dee Wice

Poultry Science

Glenn Harold Carpenter
*Beng Tatt Oh

Public Affairs Management

*Dianne Yvonne Dershem
Richard Guy Joyce

Resource Development

Ronald Dale Boss
*Rodney Lane Cook
Timothy Michael Evans
H* Diane K. Hartsell
Gordon Dale Hubchik
Alan Harold Kendall
Deborah Ann Raine
*Richard Lee Rudolph
Pamela Sue Scott
Ronald Wayne Seymour

Soil Science

Mark Earl Magee

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Agribusiness and Natural Resources Education

David Bruce Nicewicz

Agricultural Education

Timothy Harold Most

Horticulture

Phillip Daniel Kern
Douglas Lee Spinks

Natural Resources and Environmental Education

Sybil Ann Brazee
Rose Marie Gerlach
*Dana Gardner Hird
*Richard Alan Miller
Sara Ellen Patten
Raymond James Petersen

CANDIDATES — FALL TERM, 1974

Agricultural Economics

Michel M. Fabre
Grover Guzman Gonzalez
Douglas G. Lewis
dt Ogilvie
Antonio Vico-Puerma

Animal Husbandry

Roland LaFollette Bjorklund
David Andrew Snyder

Biochemistry

Linda Christine Chaney
Karen Heinlein Friderici
Kathryn De Pree Mascaro
Grant Tsuyoshi Shimamoto
Robert Luke Walker

Crop Science

Barbara J. Hardy

Dairy Science

David John Kjome
James Francis Plog, Jr.

Fisheries and Wildlife

Hal Fredric Harrington
James Alan Kesel
Craig Steven Killian
David Jon Lechel
Gregory Robert Olson

Food Science

Sharon Elaine Albert
Janice Ann Bach
Constantinos Constantinidis
Bruce Russell Harte
Thomas E. Mack
Vallop Manathunya
Eileen Frances McMahon
Nickolas John Palamidis
Rena Maria Pierami
Sterling Samuel Thompson

Forestry

David Hadley
Hadji Mas'ud Junus
Mario Ramirez Atria
M. N. Salleh
Donald Lee Westefer
Nicholas Collins Wheeler

Horticulture

Kent Douglas Hammond

Packaging

Margaret Lee Antokol
Yugo Suzuki

Park and Recreation

Resources

Linda Marie Doering

Poultry Science

Roger Dean Jacobs

Resource Development

Philip Alan Babcock
Betru Gebregziabher
Arthur Raymond Menut II
Louis Jon Meyer
Robert Clark Miley, Jr.
Ira Lewis Withler

Soil Science

Robert Kingsley Hubbard
Loren James Moshier
Elizabeth Shields

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF ENGINEERING

Agricultural Engineering

David Paul Gorby
Shehabaddine Sokhansani

H Honors College
* With Honor
** With High Honor

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

DEGREE OF BACHELOR OF SCIENCE

Animal Husbandry

Ronald James DeMeritt
*Marjorie Lynn Field
Cheryl Diane Harmount
*Gail L. Peterson
Thomas Martin Rapson
Peter Raymond Sweeney

Building Construction

Charles Buddy Brandt
Mark Joseph Burns
Douglas Jeffery Cron
Joseph M. David
Carl Michael Granader
*Gary Allan Hoggewind
Eugene Roger Kurtz

Crop Science

*David Robert Chalmers
Marty Dennis Fregerio
Rex Brian Sherrill
Dean Lynn Taylor

Dairy Science

Dana Sue Kirk

Fisheries and Wildlife

William Thomas Carmichael
H* *Michael J. Conroy
Patrick James Dalzell
Edward Francis
Gersabeck, Jr.
John Frederick Graves, Jr.
Sally Ann Howell
Ernest Nicholas Kafcas
Janice Irene Kelley
Thomas Richard Langerstrom
Dennis Francis Ostin
Michael Dean Phillips
Tamara Jean Pyott
Duane Lee Reid
John Jay Roberts
*David Edward Smith
John Elmar Spielberg
William Eugene Tefft
Michael James Vargo

Food Science

Maxine Ann Nicholas
*Raal Howard Roos
Melissa Gibson Strong

Food Systems Economics and Management

Richard A. Austin
Clifford Dale Bryant, Jr.
*John Joseph Collins
Mark Richard Danielewicz
Robert William Gheesling
Ronald William Kurniega
*Edward Molenda, Jr.
Richard Michael Teets

Forestry

*Sybil Kolon Abdul-Baki
*Lynn Herbert Ahlgrim
Marshall Marcel Baeckeroot
Arthur Carl Bamm
*John Harold Bassman
William George Bisard II
Leon Karl Chomic
*Thomas Henry Clayson
*John Henry Cudnohufsky
*Philip S. Dakin
Terry Alan Davis
Leslie William Kaatz, Jr.
William Earl Lakey
Richard Dennis Lloyd
Warren Paul McCormick
John Robert Radtke
Daniel Andrew Sandahl
Michael John Thorne

Horticulture

*John Joseph Bagnasco
*Stanley Jay De Haan
Michael Anthony Fraga
Margaret Joan Guilford
Randy Frederick Hawley
Daniel Timothy Hopp
Daniel David Mann
Barry Andrew Martin
Janice Lynn McMahon
H* *Gail Robinson
*Russell John Thomson
Hendrikje Van Staaveren
Roxanne Wallace
William Guy Weaver
Gordon Arthur Wick

Packaging

Timothy Lee Minfield
Robert George Wasko

Parks and Recreation

Resources

Thomas Janes Bartoszek
Ronald De Lasko

Stephen Joseph Doherty
Michael James Gallagher
Larry Carl Harmon
James Walter Lazar
**Nancy Ellen Mullen
Fred Jay Myers
Steven Rudolph Sampier
John D. Selkirk
William Eugene Tefft

Physical Systems in

Agriculture and

Natural Resources

*Gareth Francis Burns

Poultry Science

Melvin James Cook
Allen Arthur Gillette
Joseph Kiragu Muiruri

Public Affairs Management

Paul Justin McCarthy

Resource Development

Dean F. Corey
Robert Harold Szyndre Curtis
*Tyrone James Fries
Mark Edward Griffith
Jeanne Marion Nelson
Carol Lynn Smith

Soil Science

**Thomas Alan Kennell

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF
COMMUNICATION ARTS

Agriculture and Natural

Resources Communications

Patricia Jean Lawton

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Natural Resources and

Environmental Education

*Lois Louise Breclaw
*David Richard Gregurich

H Honors College
* With Honor
** With High Honor

COLLEGE OF ARTS AND LETTERS

RICHARD E. SULLIVAN, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF MASTER OF ARTS

Art Education

Beverly Jean Baker
Lynn Dee Barnett
Nancy Kay Dausman
Joan Lee Duval
Mary Melissa Martin
Kathleen Marie Schultz
Mary Christine Triola
Katherine Maureen
Woodhams

Art History

James J. Consiglio

Art Practice

Sandra Fae Avant

English

Janet Louise Gadsby
Margarita Cresch Itzaina
Lorna LaVerne
Oren Samuel Lloyd
Renate Berta McDowell
Arthur Martin Silverblatt
Motoyo Tamagawa
Stephanie Lenore Vandrick

English — Community

College Teaching

Sylvia Elaine Baca
Thomas Earl Young

English — Secondary School

Teaching

Janis Stadnyk Bayley
Barbara M. Eddy
Sr. Constance Joan
Fifelski, O.P.
Bonita Ford MacFarland
Kathleen J. Mayhew
Katherine Louise Merle
Gregory James Pfent
Jerome F. Sherman
Jane A. VanSickle
Susan F. Wilber
Joseph Allen Wood

French

David Glenn Hamilton
Teresa Stone Murphy
Yvonne Renee Oudin
Joanne Marie Siragusa

German

Christiane Fuchs

History

Gerald Robert Cudworth
Mark Stephen Devenow
Richard Douglas King
Louis Henry Osterhous
John Francis Reynolds

History — Secondary School

Teaching

Ronald Edward Lewinski

Linguistics

Susan Ann Jackson
Stephen Louis Tyma
Miles Douglas Woken

Musicology

Sister R. Christine Daehn
Charles Stephen Larkowski

Spanish

Judith A. James
Theresa Zimmerman Marlow

Theatre

David Lawrence Oswald

DEGREE OF MASTER OF FINE ARTS

Art Practice

Kristina Theresa Bernard
Christopher Patrick
VanAntwerp

Theatre

Allen Kendall Parnell

DEGREE OF MASTER OF MUSIC

Applied Music

Henry C. Butler
David Wade Gander
Juanita Greene
Robert DuBois Jorgensen
Marilyn Ann MacDonald
David William Schallert

Music Composition

Charles Howard Ruggiero

Music Education

Karlene Madge Astalos
Thomas John Harris
Mark John Lucas
Sister Therese Marcel
Reynolds

Monte Lee Sheedlo
J. Harris Strohl
Russell Thomas, Jr.

Music Theory

Lawrence Anthony Maher
John LeRoy Synder

COLLEGE OF ARTS AND LETTERS

DEGREE OF BACHELOR OF ARTS

American Studies

David James Pott

Art History

*Pamela Ann Lehnert

Art Practice

JoAnn Marie Gorman
*Richard Allen Kennedy
*David Edward Madison
*Laura Suzanne Robin
Shirley Frances Stevenson

English

*Marceline Amy Anderson
*Galen Verne Avery
Ann Janette Bailey
James M. Chisholm
Joanne Patrice Collins
H**David Randolph Cox
Mary Elizabeth Doyle
*Patrick Robert Eagle
*Denise Ann Forro
Lisa Kirk Frakes
Thomas Craig Hartley
H**Deborah Brooke Jolliff
Kenneth Robert Koss
*Deborah Sue Lincoln
*John F. O'Brien
H**Marcia Ann Rock
Susan Louise Whitall

French

Bernadine Eileen Bogdanski
*Debra Ann Heck
Pamela Ann Howser

German

H**Alice Victoria Maddox

History

Royce Harvey Allen
Sherrie Marie Anderson
Ray Eugene Caldwell
H**Randolph Lee Cowen
H**William Parker Ingram, Jr.
*Fred Wixson Johnson
Edward Anthony Osebold
Gayle A. Rich
H**James Ernest Richards
H**William Franklin Rogers II
*James Michael Strach
Clyde Thomas Strickland
Jenine E. VerSchure

Art Practice

Colleen D. Berns
*Catherine Arlene Bohling
*Marta Lee Hallett
*Dale B. Hopkins
*Kristin K. Hopkins
*Mary Dalglish Vincent

H Honors College
* With Honor
** With High Honor

Humanities

*Siri Ann Cook
Timothy Michael Flarity
*Rosemary Ann Gallagher
Robert Rodney Johnston
Becky Diane Kelly
*John Michael Knowles
Barbara Sue Marshall
**Julie Powell McCargar
*Tom Frank Spaulding
*Barbara Susan Stewart
Helen Louise Stringer
Jo Ann Zingesser

Humanities — Prelaw

Michele Marie Beauvais
Reid Paul Schantz
Mark Jeffrey Sztanyo

Music Literature

*Ernest L. Morrow

Philosophy

*Joseph Jeffrey Brown
John Bradley Day
H**Jack Alan Molenkamp
H**James Rojeski
H**Richard Earle Walck

Religious Studies

Edgar Leonard Owens

Russian

*Karen Ann Yesowich

Spanish

H**Raye Joy Bransdorfer
Catherine Ann Carpenter
*Evelynn Virginia LaBute
*Laura Suzanne Robin

Theatre

*Donald Frank Dalrymple

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Art Practice

*Barbara Diane Jermov

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Art Practice

**Jerri Ann Hahnenberg
*Nora Noraian

Linda Elaine McCulloch

Mitchell
*Dorothy Jane Patterson

English

Brenda Novak Ballard
*Constance Elaine Birchmeier
*Carol Ann Carolus
Michael Paul Downer
*Kathleen Ann Dunne
Julie Ann Farr
*Fred Wesley Freeman II
Kimberly Ann Graff
*Steven Emil Grunow
H**Raymond Joseph Heagany III
Neil Thomas King
*Karen Marie Loth
*Kristine Ann Morrissey
Alisia Ann Preston
*Karen Ann Reszka
John Crawford Shea
David L. Snyder
H**John Daniel Snyder III
Susan Lynn Thomas
*Kathryn Lynn Thompson
Robert Edward Wylie

French

*Lana Parks Dixon
*Suzanne Lafayette
*Carol Ann Porter
Don S. Waybright
Susan Lynn Ziesman

History

Richard James Bryce
Jeffrey Ernest Jackson
H**Jack Alan Molenkamp
*David Allan Page
Debra Lynn Schlotter

Spanish

*Patricia Louise Black
*Susan Malena Gallego
H**Murl Virginia Kasten
*Soled Rodriguez

Theatre

Stanley Gill
*Elizabeth Ann Muscarella
Thomas Burton Olmstead

DEGREE OF BACHELOR OF FINE ARTS

COLLEGE OF ARTS AND LETTERS

DEGREE OF BACHELOR OF MUSIC	<u>Music Therapy</u>	<u>School Music</u>	
	*Judy A. Benjamin Lisabeth Geiser **Marianne Carol Hoffman Roberta Jean Wigle	*Judith Anne Aldrich Elizabeth Cobb *Dana Frederick Everson *Donna Lynn Garcia *Anne Marie Jorgensen	Alan James Knight Carl Edward Knipe Linda Marie Meltzer **Patricia A. Nealon *Dale Lynn Reuss *Lucille Katherine Waterstradt Joseph Calvin Weycker

CANDIDATES — FALL TERM, 1974

DEGREE OF MASTER OF ARTS	<u>Art Education</u>	<u>English — Secondary School</u>	<u>History</u>
	Judith Langohr Ebeling	<u>Teaching</u>	Kam Tai Lee Dorothy Barnard Mapes
	<u>English</u>	Marilyn A. Lipscomb	<u>Philosophy</u>
	Kenneth Robert Beatty William F. Genovese Phyllis Eyer Keon Caroline Cecelia Latham Melvyn George Levin George William Perabo Geoffrey Lynn Ruonavaara Masumi Yamane	<u>French</u>	Allan Matthew Hart Donald Monta Thomas William Peck Thomas Sloan Tomlinson
		<u>German</u>	
		Martha Joanna Payne	

DEGREE OF MASTER OF ARTS FOR TEACHERS	<u>History</u>
	James Joseph Schaffer

DEGREE OF MASTER OF MUSIC	<u>Applied Music</u>	Edward J. Huttlin John Dale Smith
	Alice Laura Dearden Stanley Frederick Fisher Paul Rayner Harris	<u>Music Education</u>
		Phyllis Barten Harris

DEGREE OF BACHELOR OF ARTS	<u>Art History</u>	<u>English</u>	**Patti K. Miller Daniel Morgenstern *Karen Jane Overmann *Susan Lynn Parmenter *Kenneth Scott Pridgeon Melanie Joy Reuler *Elizabeth Keary Scannell *Katherine Louise Smith Kristine Marie Smyth Larry Laverne Strauss Richard Todd Michael A. Wines Theodore L. Wyckoff
	*Elizabeth Ann Balai Michelle Lynn Gross Loretta Alexandria Love Mara Kalhins Norton Randy Alan Stuck	Cristina Maria Bascuas Robert Wells Blackman Shirley Diane Brennan Lawrence Keith Carleton *John Richard Conaway Dorian Lorraine Connolly *Rachel Diem Patricia L. Fulwiler Mary Susan Gast H* *John Parker Greenan *Jane Meredith Handy Michael Andrew Jones Georgeann Ruth Kilts Jane Ann Klepac *Gae Heather McAlpin	<u>French</u>
	<u>Art Practice</u>		*Patricia Maun Cullinan
	Mary Patricia Butterfield *Ann Meredith Christie Terese Louise DeDecker *Frederick Reaume Kasten		

H Honors College
* With Honor
** With High Honor

COLLEGE OF ARTS AND LETTERS

DEGREE OF BACHELOR OF ARTS

History

Charles George Bean
Lora Lee Bommer
*Robert Eugene Hager
Barbara Holley Hammond
*Mary Lisbeth Hollinrake
Paul Aaron Isley
Stephen Edward Karlson
*Sandra Farnan Koester
Darryl Cole Mangles
*Steven Arthur Mitchell
Michael James Needham
Patsy Barrett Weston

Humanities

*Sue Caroline Evans
Allyson Anne Gum
*Susan Esther Monaghan
*Denise Helene Rickey
Kimberly James Swift

Humanities — Prelaw

Jan Joan Finder
Jacob Saied Ghannam
Richard Michael Proppe

Latin

**Roland Robert Bergdahl

Linguistics

H**Michael Eric Bennett
**Jo Ellen Downey

Philosophy

H**Phillip Lee Antweiler
James Hanford Cuddeback
Linda Diane King
**Denise Marie Mahalak
**James Martin Stefanick

Spanish

Julianne Marie Mattas

Theatre

*Rosanne Singer
Carmen Theresia Slider

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Art Practice

*Linell Patrice Krepsky
Charles Patrick McAlpine
Debra Kathrine Wolski
**Kathy M. Younglove

English

**Jacqueline Victoria Bonarski
Sharon Grace King
*Mary Ann Newman
Denise Gearldine Northern
*Beverly Joyce Olson
Johnnie Leon Peace, Jr.
*Jerrold Arthur Thompson
*Wendy Jennifer Wenrick
**David Leonard Winkelstern

History

Justine A. Coey
David Duane Conners
*John Damien Fedewa

Spanish

*Mary Anne Brink

Theatre

Mary Josephine Rogers

DEGREE OF BACHELOR OF FINE ARTS

Art Practice

H**Janet Lee Fons
Kathleen Wicke Kimble
**Edwina Ann Kurkowski
Sharon L. Marz
*Susan Lynn Parmenter

H**Lance Edward Rutledge
H**Susan Deirdre Taormina
Craig Robert Van Sluyters
**Mary Dalglish Vincent
Norbert Wise

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Art Practice

**Gail Susan Dhariwal
H**Suzanne Jean Harman
Margaret Marie McClellan

DEGREE OF BACHELOR OF MUSIC

Music Therapy

Keith Allen Hoffman
Kay A. Holsinger
*Marcia Lynn McNitt
Karen Jean Miller
*Barbara Jean Scott

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

School Music

H**Judith Ann Bertsch
Kathryne Joyce Catlin
Karen Lee Folks
H**Ronna Sue Kaplan
Wendy Lea Mead
Gary Alan Sironen

H Honors College
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COLLEGE OF BUSINESS

RICHARD J. LEWIS, ACTING DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF MASTER OF ARTS

Economics

Thomas Paul Chester
Thomas Miller Dickey
Robert Henry Gentenaar

Steven Richard Link
John McKeon
Luis R. Seyffert V.

Charles Livingston Shearer
Joe Allan Stone
Trygve Vigmostad II

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

John Roger Bailey
John F. Blanco
Robert Harold Blodgett
Laret D. Bolthouse
Mallika Boonya-Akom
Gary Kevin Brown
Wilhelm George
Christophersen
Ricardo Cilloniz
Virginia Damon Close
Robert George Dashiell
Christine Ruth De Vries
Fred Austin Dubin
Mark Dickinson Estes
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Terence Martin Halverson
Jon Mitchell Hartman
Robert Kenneth Hawkins
Herbert Henry Hoster

Nguyen Thieu Huy
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James Graham Jones
Louis Steve Klimecky
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Eric Dean Lange
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Richard Bruce Nicula
Stanley J. Osweiler
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Richard Alan Perez
William Paul Rebarick
Robert Eugene Reilly, Jr.

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John Sangerloo
John Gordon Schaedel
John E. Schneider
Thomas Ernest Sigardson
Robert Wayne Smith
John M. Stefanelli
John Alan Steinbach
Dale Kenneth Steward
Yasushi Tamaru
Robert John Trier
Eliseo Trujillo
Neil Andrew Valentine
John F. Walsh III
Larry Ray Warren
William Kirk Wathen
Keith Kevin Wentzel
Ralph Edward Wiita

DEGREE OF BACHELOR OF ARTS

Accounting

*Stephen Alan Bruhn
Kirk Alan Collamer
Carol Sue Demlow
Carl Frederick Derocher
H* James Walter Ekberg
Jack Donald Fries
Gerald F. Geml
*Eric Robert Greenhalgh
*Christopher Todd Grunska
*Dawn Lynette Hedgecock
*Allan Joseph Huber
Carolyn Jean Johnson
Roger Allan Loding
Randy Paul Luck
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*Gregory T. Murray
*Laura Regep
Raymond Edward Riley
Neil Wayne Rossow
*Tom Ross Shoecraft
John Michael Tarras
Robert William Tarras
*Ronald Laurence Tucker
H* Keith Kelley Wilkins
Helen FookWah Yung

Economics

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*Linda Joan Dubas
John Palmer Esser
*Paula Colleen Fisher

H** Pamela Ann Labadie
Eric Robert Lind
Michael Joseph Orvis
Reid Douglas Perry
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Richard Kevin Schermer

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J. Michael Kantner
Beth Marie Rowney
George Anthony Simon II
William Donald Skaff
Monty Robert Stahelin
*James Alan Steenhagen
James Michael Swan

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	<u>Hotel and Restaurant Management</u> Bruce Clement Bommarito Jon Easton Dennig *Ronald Micheal Duncan William F. Eldridge Joseph Michael Fodell Marjorie Jayne Foley Essa Helen Gordon James Robert Hutton Edmund Gary Jacoby	<u>Marketing</u> Verl James Andres *David Andrew Brandenburg *Bonnie June Graham Fred Cody Heiderer David Earl Krieger Harry J. Moyle Thomas Lee Pantaleo Kent W. Richardson	<u>Risk and Insurance</u> *H. John Buter Scott Alan Kacos
		<u>Office Administration</u> Bonita Kathleen Gates Sandra Jean Gregory *Barbara Lorraine Pleva	<u>Tourism</u> Harold Arthur Frutiger
		<u>Operations Management</u> James David Crabtree Steve Michael Sheridan David Michael Wordick	<u>Transportation-Distribution</u> Robert M. Alexander H* Steven Dickey
			DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION
			<u>Business Education</u> Susan Louise Badertscher Gerald William Daunt Suzanne Marie Freihofer *Gerald Edward Soules Gordon Dale Summers
			<u>Distributive Education</u> Patrick John Cunningham

CANDIDATES — FALL TERM, 1974

DEGREE OF MASTER OF ARTS	<u>Economics</u> John Philip Johnson Lawrence Franklin Pinson Luis José Tarazona Cote
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Kamenidis
James Bryan Kennedy
Dirk Krijt
James Patrick Liang
Jeffrey Woodruff Lichty
Swaminathan Mani
John Cornelius McLaughlin
John Douglas Oldham
Frank Joseph Plunkett

Fernando Viégas Rangel
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Gilson Franca Soares
Gary L. Spindlow
Thomas Lee Stuit
Harold Alexander Taylor
Bernard S. Urbanik, Jr.
Philip Herbert White
Richard Thomas Widman
Richard Hardy Williams
Mary Sharon Wright

Accounting

Jerry Dale Bassham
*Sandra Elizabeth Bear
Kenneth John Belke
Gerald Lawrence Berger
*Philip Eugene Bertelsen
*Bruce Roy Bromley
*James William Buchholz
*Gerald Joseph Casari
George Daniel Charon
*Curtis Leonard Dally
H*Carol S. Delahanty
Kenneth Justin Dennis
*Lee Frank Glazier
Loren Keith Hersey
*Thomas Lynn Houts
*Richard Yuichi Kido
Sue Anne LaLonde
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*Nancy Ann McCort
Drew Edward Pehrson
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Harold Wright Quigley II
*Gary L. Riedlinger
*A. Patrick Skurka
*Warren G. Smith
William Harris Stirling
*David Lee Wellfare
H*Sharon F. Wilton
Robert Louis Winkelman
Casimer Richard Wisniewski
*William Edward Woolsey II
Edward Anthony Zywiec, Jr.

Economics

Joseph Michael Cortez
*Joseph Charles Farina
John Thomas Kiskiras
Daniel Clifford Rusch
*James Lloyd Shettel
Eleanor Elizabeth Smith
Ernest Randolph Smothers
Jeffrey Thomas Tefft
Milton Nye Weatherhead III

Financial Administration

Thomas Joseph Danicki
John McKone Kudner

Vincent Joseph Oye
*Gary Jun Sakamoto
Robert James Skandalaris
H*Thomas Ray Winkel
Gregory Allen Wooten

Food Systems Economics and Management

Kenneth Victor Kochajda

General Business

Administration

Sharon E. Alvarado
James Ian Anderson
Nancy Ann Beers
*Robert Paul Christiansen
*Chester M. Dahlman
Andre A. Daignault
*David Alan De Haan
Robert James DeLong
Gregory James Earl
*Thomas Paul Ebeling
Therese A. Finch
James T. Gabriel
Julius Anthony Giglio
James Carl Hammersmith
Daniel William Hinds
Gary William Hughes
David Mark Kuhna
H*Roman T. Kulich
Edward Walter Mackins
Eugene Paul Martin
Keith Douglas Mixer
Gary Gerard Novak
Deborah Patricia Patton
James Fredrick Rehagen
*Charles Eugene Roach
John Carl Schultz
*Kenneth Eton Stanigar
Robert Leonard Swindlehurst
Benjamin H. VanDyke, Jr.
Gary Lee Westbrook
Susan Lee Williams
Michael Otto Yambrach
Walter Alan Zelinsky
Glenn Edward Zombory

Hotel and Restaurant Management

Linda Anne Ahee
John J. Allen
Robert Keith Bader
*Robert Oral Bassett
Harry E. Bennett
Tina Virginia Bessega
Terry D. Bunch
Bradley Dale Congdon
David James Connell
Mark Joseph DeNato
Raymond Paul Domire
Brian Burns Funston
James Gabler
Jay Lloyd Geiger
Barbara A. Gilbert
Richard Bruhn Greene
Douglas Charles Grinnell
Dawson Trafton Hubert
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Robert H. Johnson
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Frederic E. Lewellyn
Gary Richard Lindahl
John Dennis McCormack
Michael Edward McQuater
*Christopher Bruce Moore
Alan Scott Morgan
Edward Burrows Morley III
*James Robert Mulrooney
Dean Franklin Nash
*Terry Paul O'Malley
Thomas Richard Pfau
James C. Robinett
Lisa Ann Russell
Kenneth Eugene Schack
Steven Dale Skelton
Lawrence Sosin
Richard Angelo Stallone
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*Richard Douglas Wallace
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Forrest Nicolas Williams

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Patrick Coe Dobb
*Christine St. Clair Ekberg
Jeffrey Lew Evans
*Terry Michael Harris
Douglas Ted Kurtis
Wayne Stanley Morehead
*Walter Joseph Owiesny
Joan Marie Palinski
Michael William Podein
Raymond Salisbury, Jr.
Daniel Dominic Thomas

Office Administration

Susan Lynn Hohman
*Barbara L. James
John James Currier

Operations Management

*Kenneth Steven Litke

Personnel Administration

Robert Anthony Halachukas
Daniel Norman Harvey
*Susan Mary Jacques
*Sally Ann Janson
Richard Randall Merritt
Vincent Dumont Parris
Peter Salinaz
Mark William Smelter
*Mary Richards Wylie

Risk and Insurance

*Dale Robert Christiansen

Tourism

Lisa Jon Miller
*Margaret Catherine O'Kane
*Deborah Robin Pierce
**Tami Louise Rumsey
**Dorothy Anne
van Benschoten

Transportation-Distribution

John Andre Vermeulen

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Business Education

*Janene Gaye Frahm
Wilma Dean Merriweather

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HERBERT J. OYER, DEAN

GRADUATED SUMMER TERM, 1974

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Cynthia Ann McAra
Jagmohan Mundhra
James Randle Russell

Audiology and Speech Sciences

Sally Jame Bain
Jerome Dennis Boardman
Barbara Ann Campagna
Nancy Lynne Diedrich
Miriam Lois Donahue
William Peter Duffy
Erland Walter Gleason
Sharon Beth Greene
Patricia Ann Hiner

Janice Ann Hinrichs
Lorraine F. Jacobs
Marilyn Kammlade Litchfield
Patricia Marie Miller
Gloria Jean Rau
Sharon A. Richardson
Linda Marie Rysberg
Norman Richard Schultz
Howard David Schwartz
Gregory F. Sherburn
Nancy Yunowich Tunney

Communication

Stephen Bruce Brown
Jill Christine Byron
Regina El Arculli
Abram Bernard Momoh
Kargbo

George Alexander Lafkas
Michael E. Roloff
Drake Momo Sandi
Kim Blaine Serota
Eileen Autris Smith
Felicisimo Valbuena
Charles Andrew Wood

Television and Radio

Denis John Dorsey
John Freeman Kircher
Deborah Fitch Krell
Diane Roscile Moholy
Adebayo Joseph Ogunbi
Phyllis Lee Rogowski
Kenneth John Schepers
Michael Otto Wirth

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*Valerie Gene Bartoletti
*Joseph Boruszewski
Paul H. Butzler
Mary Louise Byrne
Robert Scott Calder
Robert Mitchell Foote, Jr.
*Karen Lee Johnson
Mary Therese Veronica
Kavanaugh
Edward G. Kruger
*Gayle Renee McConnell
Gary Alan Meek
Thomas R. Rademacher
*Alan Charles Rockwood
Donald Carl Schulz
John R. Sebestyen
*Marilyn Susan Smith
Margaret Connell VanBlack
*Gary Andrew Voytovich
Lucinda Ann Walker
Robert D. Warnke II
Mark Henry Wojcik
*Barbara Joanne Zyskowski

Audiology and Speech Sciences

*Yvonne Allen
Ivy Maria Combs
Annette Donfried
Ruth Ann Gramlich
*Daniel Allan Hanks
Susan Lyn Landane
Paula Maria Leone
Brenda M. Navarre
*Anne Rouleau Peck
Wendy Jean Proctor
Shirley Ann Williams

Communication

Terrance Lynn Albrecht
Joanne Carmel Alfonsi
*Robert Michael Carlton
*Jane Elizabeth Bidwell
Douglas Michael Delaney
*Deborah Kimball Finch
Jerry Lee Gaines
Thomas Wilson Gillespie
Jerry Hall

Thomas Allen Hock
*John Adeeb Howrani
H* *Dennis J. Lefebvre
Naomi Schmidt Low
Janine Marie Marx
Ronald A. Radke
Robert Bruce Wallace

Journalism

Stephen Michael Buechler
*Susan Marie Burzynski
*Debra Kay Gronski
*Thomas Lloyd Haroldson
H* *Candace Ellin Hollar
William Garver Hoddings
*Patricia Bridget Kane
*Michael Stephen Ogorek
Stephen Matthias Repko
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Sally Jane Chapin
James Edward Craft
*David Brian Echols
Roger Mark Groves
Mark William Guirlinger
Judith Rochella Hand
William Stuart Hanley, Jr.

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*Anthony C. Kemnic
*Mark Arthur Leggett
*Linda Rose Meza
Mark Edward Peterson
Steven Lynn Reynolds
Carol Elizabeth Siess
*Christine M. Van Wagner
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Jamison Wharton-Bickley
R. Bruce White, Jr.

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Communication

*Sharman Spieser Dwyer
*Cris Jay Van Oosterum

CANDIDATES — FALL TERM, 1974

DEGREE OF MASTER OF ARTS

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Nancy Louise Buerkel
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Peter Gerard Burke
Samuel Jeffrey Harrison
Jaap Frans Hoogendijk
David Charles Lehmkuhl

Ann Meredith Gareau
Margaret Zwisler Iadarola
Margaret Mary Leahy
Regina Maria Reaph
Carolyn Marie Stuart

Communication

Jane Stevenson Gantz
James Robert Messick
James Arthur Pocock
Stephany Jane Tornatzky
Barbara Ann Walker

Television and Radio

Bernice Elaine Demps
William Eyre Lee
Ira Lowell Newton
John Morgan Spencer
Lawrence Dale Thompson
Christopher Mark Kierstead
West

Audiology and

Speech Sciences

Janet Beth Baldrey
Anne Katherine Flaherty

Advertising

*Anita Zenta Akselis
Daniel Kent Boggs
Jack Bos
Jeffery David Breen
Della Deborah Casey
Barbara Jean Collins
Richard C. Creque
Joseph Cameron Deckard
Kirk Stanley Dombrowski
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James Ward Koehn
Gerald John Kramer
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*Susan Rose Stotz
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*Mark Coleman White
*Gary Eugene Willits

*April Ilene Cane
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*Charlene Kay Hewitt
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Stephanie Smith

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*James H. Murray
Steven Andrew Okuly
Paul Stephen Taperek

Journalism

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Angelia Fay Carroll
John David Gruner
Carol Janice Harding
Katherine Helen E. Kaloydis
Charles Michael LaNoue
Mary Ann Nemeskal
*John Dee Shaw
Tim Allen Shireman
Mark William Wier

Television and Radio

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Elmer Hugh Heck III
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H**Janet Theresa Pierce

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KEITH GOLDHAMMER, DEAN

GRADUATED SUMMER TERM, 1974

Education

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Larry Lee Balli
Jack Robert Bamford
Laura R. Barack
Sharron Lee Bard
Margaret Anne Barrett
Nancy Jean Barrett
Mary Ellen Barry
Sylvia Anne Bartlett
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Lowell D. Beethem
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Thomas Edward Belloli
Kenneth Blackmon
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Wongpet Boontranurak
Jane U. Boyd
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Willie Lawrence Bradley
James Thomas Bremer
Linda Sue Brocklehurst
Earl Douglas Browers
Karen Marie Brown
Ruth Elsie Brown
Sue K. Brown
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Anne Chandler Buchanan
Larry V. Bulemore
Robert J. Burcaw
Remus Martin Burns
Brenda Louise Busch, S.C.
Jean Ethelyn Busch
Stanley Howard Bush
Bernard Frank Call
J. Christopher Carlin
Jack Edward Carrick
Charles Nathan Cassidy

Dale Frederick Chapman
Jean Marie Churn
Ann Marie Clothier
Raymond C. Cole
Cathie Ann Conlen
Frederick Joseph Conover
Carol Bessmer Cook
Nancy J. Cook
Vincent Cornellier
Rebecca Sue Cornish
Joyce Ann Crone
Meta Lucy Crouse
Linda Ellen Curnutte
Joseph Loren Curtin
Michael Denis Daly
Jack Daniels
Margreta Jensen Dart
Yetta Schutzman Davidson
Mall Kivilaan Davis
Dorothy Elizabeth De Boer
Glenda Nancy Delott
Philip Joseph Demouy
Mary Rose DePrey
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William Robert DesJardins
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Bruce Alan Dillenbeck
Alexander Dimitrijevic
Ottis Lee Donaldson
Dennis Arthur Dreim
Claudette R. Dubilewski
Diane Earl
Joanne Yenor Eavey
Timothy Joe Edwards
Nancy Sue Ellis
Alice Barton Emmons
Kathryn Mary Engel
Ann Carolyn Failing
Arthur Edgar Fall
Mohamed Hashem Falougi
Jean Marie Farr
Ronald Frank Faulds
David John Feranec
Teri Filius
Charles Bruce Fillmore
Gloria Jean Finch
Daniel Joel Fingerma

Dwight Eugene Finley
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Bruce F. Foerch
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James Stephen Godo
Marcia May Goff
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James Michael Gosse
Karen Sue Gotting
Mary Irene Grant
Terry June Russ Grigsby
Gordon Louis Grimm
Allen Donald Grohn
David John Guikema
Edward Franklin Gullan
Harold Edward Haggard
Ethlyn Alma Hallwhich
Carolee Voller Hamilton
Norma Ann Hansen
Victor Earl Hart
Mary Anne Hawk
Wilma Jean Hawkins
Cheryl Maureen Hearn
Stanley Eugene Hecker III
Constance Jane Heenan
Dale E. Heid
Sharon Marie Henderson
Fay F. Henshaw
Dennis Allen Hess

DEGREE OF
MASTER
OF ARTS

COLLEGE OF EDUCATION

Education (Continued)

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James Michael Hostetler
Willie C. Houff
Christine Winifred Hoyles
Candace Confer Hyland
Georgene Sueno Inaba
Christie Lee Isaacson
Mariann Rose Izeluk
Howard A. Jansen
Deborah Sue Jean
Murdoch Jemerson
David Ross Jennings
Jerry Edward Jennings
Kathleen Elizabeth Johnson
Rae J. Johnson
Randall Eugene Johnson
David Earl Jones
Michael Zeb Jones
Dolores Marie Kalif
Gary Dale Kamminga
Phaosiri Karalak
Mary Cassidy Keenan
Nancy K. Keith
Jane Belle Kellogg
Thomas James Kelly
Mary Tess Kemppainen
Karen Ann Kierstead
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Marlin C. King, Jr.
Willis Wayne Kinjorski
Ruth Kirtland
Loretta Doll Koepnick
Laurel Ann Kopenski
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Barbara Lou Kramen
Harry F. Kuipers
Deoyani Sudhakar Kulkarni
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Ruth S. Lamm
Marilyn Smith Lapham
Mary Frances Lapka
John Edison Lawrence
Nita Lee
Mary Patricia Lewandowski
Ann Marie Leyden
Rivkah R. Lindenfeld
Sherman Isiaha Lite
Sue Elizabeth Long
Terry Ann Losey
David Lubbers
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Thomas Lee Lurtsema
Gary Wayne Mace
Bruce Alan Mack
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Michelle Lee Maksimowicz
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Kathryn Sensabaugh McCoy
Timothy George McCoy
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Dorothea Irene McGuigan
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James Diehl McMahan
Charles Edward McMillan
Samuel Olu Medahunsi
Earl L. Menary, Jr.
Akira Oshiro Mendoza
Janice Kay Mercer
Laura Meyers
Hollis Laurel Miller
Linda Kay Miller
Lorraine Beth Miller
Mary Dee Monson
Pamela Darlene Monson
Wilson Wiley Morgan
Suzanne Elaine Mullenix
Karen Keiko Muranaka
Norman Earl Nash
Christine Mary Neiburg
Dennis Roger Neider
Frances Witte Nelson
Gary Robert Nepper
Enid Bernese Niles
Carol Jean Noe
Kazuo Nohara
Shirley Clark Noom
Sue Ann Norman
Susan Eileen Norman
Martha Ann Northcote
Thomas William Novak
George Marvin Nyenhuis
Phyllis Jeanne O'Connor
Kathleen Ann
O'Dell-Thompson
Mari Lou O'Donnell
James George Ogstron
Richard Osner
Fredric John Overeem
Kristin Bernhart Owczarzak
Alice Marie Parker
Barbara Ann Payne
Joy Veronica Pendergrass
Roberta Frances Peters
Thomas Peters
Kay T. Phares
William Wade Piernot
Kathleen Margaret Pierson
Juan A. Piñero González
Franklin D. Plecas
Sondra Sue Plude
Martin Ronald Pomerantz
Sandra Eileen Potje
Bruce V. Powelson
Margaret Grace Price
Donald Michael Pries
Miriam Ruth Puffer
Linda Kay Pung
Janet Marie Putz
Nancy Byron Radtke
Jesse Martin Ramey
Michael John Ranieri
David Bryan Rees

Ann Reeves
Leon Eugene Ricelli, Jr.
Patricia Elaine Richard
James Alexander
Richardson, Jr.
Karen Sue Richardson
Donald James Ries
Mary Hartsell Roberts
Suzanne Marie Roberts
Mary A. Robertson
Grant Noble Robinson
Joan Craner Robinson
Kathryn Bennett Rodgers
Laura Jane Rolph
Carol Joan Rose
James Albert Roth
Evan Keith Rowe, Jr.
Ann K. Rudman
Richard Allan Rumpf
Ruth Anne Ryskamp
Jacquelin Lee Sargent
Judith Biddulph Saylor
Robert William Schellenberg
Virginia Cawood Scheerhorn
William Charles Schewe
Kathleen Mead Schleicher
John H. Schripsema
Leston Edward Schwartz
Barbara Helen Scott
Lynda Anne Scott
Bonnie Jeanne Scoville
Cynthia Lee Seddon
John P. Seifert
Kenneth James Seymour
Sabira Shakir
Mary Joann Shaw
Judy Ann Shelton
Bruce Meier Sherbeck
Alice Rita Shikoski
Esther Salz Siman
Jerry Louis Simmons
Lorraine Marie Sinn
Edwin William Skrelunas
Sheila Darlene Smalley
Robert Lee Smith
Roger Dale Snell
Marlene Eunice Sonderfan
Joseph Anthony Sopko
Roy Vernon Spangler
Susan Lynn Spaulding
Anita J. Spencer
Daniel James Stack III
Gretchen Louise Stamp
Wesley Lee Stephens
Janet Lou Sternkopf
Susan Overstreet Stevens
Rena Loraine Stevenson
Gary Edward Stewart
Howard Neal Stob
Monica Sue Stone
Denise Carol Storey
Jose Antonio Straga H.
Carol Lynn Stubbs
Linda Jean Stuppy
Patricia Glee Sullivan
Marsha Lynn Sumpter
Elizabeth Clark Sunda
Ronald Robert Sutherby
Roberta Bostick Teahen

DEGREE OF
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DEGREE OF MASTER OF ARTS

Education (Continued)

Barbara Jean Tedrow
Glenda Sue Thomas
Patricia Ann Thompson
Scott Carson Thompson
Noel K. Thornburg
Anne Christine Thornton
Alice Hillman Throop
Gilberto Torres Diaz
David Richard Townsend
Kathleen Margaret Trader
Fredrick Joseph Trosko
Carol Patricia Turner
Marie Craig Turner
L. McArthur Tutt
Ray Leroy Unger
Beatrice Anita VanAndel
Karen Eileen Vander Molen

Keith Allan Vander Pol
John Cornelius Van DerPuy
Martha Joy Vander Woude
Shirley Ann VanWoerkom
Gerald Michael VerHeek
Donald Stephen Vernon
Carol Ethel Vieth
Melvin Milton Villarreal
Alfred Albert Walker, Jr.
Mark Gerald Walker
Lee Alan Wallace
Mary Watson Wallace
Kathleen Agnes Walter
Carl William Walters
Margaret Bente Walton
Yvonne Beach Ware
Blaine Michael Warner
Joanne Lee Warner

Gregory Dean Weatherspoon
Jennie Eddy Weber
Anne P. Westlund
Virginia K. White
Helen Sue Whitney
Sharon Elaine Wilson
Sharon Michele Wilson
Thomas Rupert Wilson
Anne Nico Wollan
Evaline Anne Wood
Michael Timothy Wood
William Frederick Worfel
Charles Walter Zamiara
Verna Dell Zeeff
Linda Josephine Zezulka
Verna Burke Zuhl
Ann Bernadine Zweber

DEGREE OF BACHELOR OF ARTS

Elementary Education

Kenneth Barney Adams
*Nadine Gay Aluzzo
Stephen Andrew Andersen
Ruth Louise Ashley
*Lynn Rae Bartoszek
Dawn Alane Bartz
Marnie Claire Bentley
Ann Levern Benton
**Martha Anita Bilodeau
**Nancy Thomas Bonacci
Amy Beth Boyce
*Laura Ellen S. Brant
H**Carla June Braun
Gwendolyn Brewer
*Eric A. Bueschlen
Donald E. Casterline
*Linda Marie Chamberlain
*Debra Kay Chambers
Donna Lee Christeller
*Sharon Kay Church
**Christine Jean Clark
Douglas Isreal Davis
*Martha Joan Demski
*Edward Louis DeTour
Barbara Elaine Doggett
H**Mitchell Roland Doig
**Shelly Marie Dontje
Ruggero Peter Dozzi
*Vanessa René Easley
Neil Anthony Eddington
**Rose Marie Ely
Ruth Eileen Esch
Robert Jay Freedlander
Judith Elaine Freeman
*Susan Marie Fuller
*Sandra Jean Garbarino
*Sheryl Ann Gard
*James Calvin Gates
*James Edward Gehman
Judy Rae Gibbons

Georgia Elaine Golematis
*Karen S. Goodman
Martha Ellen Goodrich
Jean Elizabeth Goodwin
David Guy Goward
Kathy Lynn Gramer
Susan Ann Hart
*Timothy Franklin Hawkins
Glen Lee Hiatt
U. Kay Farmer Hickman
Marilyn Sue Hill
*Maryann Hinds
Cinda Pearce Hogg
Elaine Hrabonz
Pamela René Hunter
Kathleen J. Hurley
*Vicki Sue Kargel
Sandra G. Kirk
*Philip J. Kneessi
*Rosemary Knobbloch
Carol L. Kobylski
H**Julie Ann Lamb
Linda Marie Lamerson
Priscilla Jean Lane
Cheryl Denise Latham
Paula L. Leone
*Lynnette Ann Leszczynski
**Jeanne Patricia Little
Patricia Ann Little
**Pat Ann Medlen
Tomye Ann Melchiori
*Ronald Albert Meloche
*Kathleen Gail Mohny
Robert Maurice Morrow
Sally Anne Mueller
Amy Ann Munson
*Carol Lynn Nevels
Constance Marie Newth
Dorothy Lee Nichols
*Robert Verne Orosey
Susan Hillary Orsinger
Cynthia Marie Osowski

Elaine Feechia Pelosi
*Gayle Doreen Perazza
Jeanette Dyann Perez
Peggy Lee Pickering
*Laura Elizabeth Prawdzik
Cynthia Sue Fair Quick
**Bernice A. Rigby
**Connie Sue Robertson
**Bonnie Anna Rogers
Vivian Kaye Ross
Dorothy Elizabeth Rufe
Jonathan Walter Russell
*Carl Richard Safford
Kathleen Andrea Sansone
Robyn Lynn Saul
Clifford Mathew Seybert
**Donna M. Shiley
John Robert Shives
**Patricia Anne Simmons
Mary Ellen Smith
Patricia Ann Smith
Debra Lynn Snow
**Dianne I. Snow
*Janet Lee Sponsky
*Dwight D. Sutliff
John Jules Taylor
Patricia Lou Thocher
Sandra Rae Tobias
*James Joseph Truscello
Dianne Patricia Upshaw
Kenneth Allen Van Houzen
*Lynn Mary Van Maanen
*Donna Lee Venegas
**Jeanne Adele Visnaw
Shirley Marie Walker
*Terrie Lynn Weathers
Edna Lovell West
Gayle Ann Wight
Charisse Valeria Wilson
**Beth Elaine Wolf
Doreen Kay Woods

H Honors College
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** With High Honor

COLLEGE OF EDUCATION

DEGREE OF BACHELOR OF SCIENCE

Health, Physical Education, and Recreation

Larry S. Baird
Judith Barclay Bogart
*David Lester Brumfield
Connie Phyllis Bunch
Judy Lynn Bushick
Theresa R. Chye
Jeanne Schaffer Cochran
Carol Lynn Dacko
Craig Allen Dahlke
Vicki Lynne Davis
David John Dellerba
Leslie Anthony Felter
Sandra Lee Fishburn
*Margaret Anne Fox

*Constance May Gates
Vickie Lynn Greiner
*Nancy Joan Gruschow
R. Kelly Hileman
Christine Ione Hnatiw
James Hoye, Jr.
Leslie Kay Hulteen
*Maralyn Kay Hyde
*Patrick Wayne Lewis
*Sarah Ann Liming
Thomas George Luchenbill
Robert Brent McGillicuddy
Robert Edward Michelutti
David W. Miller
*Connie Jean Mulcahy
*Shelly Lynn Pask
Gary Alex Pung

Cheryl Lynn Ray
*Sandra Elaine Redman
Patricia Anne Sidley
Rosemary Stevens
**Paula Christine Treichel
H**Robert Wayne Umstead
**Christine E. Volchko

Industrial Arts

Lester Mitchel Chan
*Leo Sheldon Durfey
James Robert Glover
*Clifford Owen Mitchell
Richard Burton Roth
*Douglas Dean Secor

CANDIDATES — FALL TERM, 1974

Education

Richard Buell Adams
Patrick Holger Andersen
Gilbert E. Apps
Katherine Atchison
Mary Ann Barbour
Mary Esther Batdorff
Glenn Richard Baxter
Freeman Thomas
Beasley, Jr.
Ramona V. Berkey
Joelene B. Biggins
Donald Monteith Blair
Sandra Lee Bograkos
Kathryn Gebhart Booth
Hugh D. Bordinat
Dan Lee Brake
John Herman Brazier
Linda Lee Brown
Marlene J. Brown
Merlin James Cayemberg
Thaddeus Gregory Chmura
Elaine Regina Cole
JoAnn K. Cole
James Warren Conklin II
Cheryl Ann Cooper
Thomas Allen Coss
Nadine Allen Crane
Gladys G. Crawley
Sally Lucille Creech
Sheila Ann Decker
Gaston DeMezerville
Lawrence Dorsey Dodson
Linda Marie Doering
Alberta J. Donlin
Marlaine Hanrath
Ehrenberger
Gloria Katherine Elsea
Jill Marie Evert
Holly Kay Fairchild
Kay R. Faust
Carol Marcy Fogel
Edward Gunnar Forsell

Rodney C. S. Frye
Lois Ann Gannon
Barbara Ann Gearhart
Gary William Gearhart
Susan Louise Geist
Mirta delas Mercedes
Ghiorzi de Gaynor
Karen Beauregard Gilson
Doris Elaine Goad
Esther Salome Green
Gail Grossman
Pamela Lee Guthrie
Andres trujillo Gutierrez
Linda Merle Hall
William Charles Handrich
Eula S. Harris
James Robert Harris
MaryRose Hart
Judith Lynn Hekman
Henry R. Hergert
Patricia Pauline Hill
Charles Frederick Hillier
Leonard Hoberman
Evelyn Anne Holmes
Shirley Mae Holmes
John F. Hubinger
Michael Douglas Hughes
Mary Ellen Humphrey
Gary Richard Hunter
Walter Donald Jakiemiec
Mary Ellen Jancar
Joyce Dean Jay
Harley Alan Jensen
Joyce Ellen Johnson
Janice O. Kapustka
Mary Jane Kelley
James Robert Koetsier
Erlinda Salazar Kramer
Keith Kraseski
Ronald George Ladwig
Lawrence Joseph Lardieri
Lucy Hall Leist
Joan Gates Lemon
Thomas Robert Lonze

Karin Margarete Ludwig
Dennis Roy Maki
Jack Allen Mansfield
Edgar John Martin, Jr.
James Robert Mason
Rosellen McAlear
Kathleen Martha McGinnis
Janet Ann McGlennen
Pauline Harriette McGurrian
Viola Margaret McKay
Karen Jayne McKinney
Kathryn W. McNeely
Daniel James McShannock
Thomas Francis Meehan
James Allen Messacar
Marilyn Edith Miller
Bruce Curtis Monson
Judith Ann Montych
Cynthia Irene Moore
Viola Patricia Morris
Margaret Jean Nicholas
Nancy Ellen Nickerson
Richard Earl Nye
Linda Lou O'Donnell
MaryLou O'Donnell
Dennis H. Ozimkowski
Dino Paparella
Michael Clare Parent
Jacqueline Hicks Patterson
Diana Lynn Pitts
Dolores Bettyanne Porter
Lawrence Michael Prieur
Milton Radmilovich
Carolyn Victoria Raiss
Eltrude Marie Rasmussen
Ronald Claire Reed
Robyn Georgina Rehmann
Patricia Ann Reichard
Janice Riley
Cheryl Louise Ripstra
Jack Bruce Roedema
Jack W. Rotman
MaryAnn Sacharski
Arturo M. Salas

DEGREE OF MASTER OF ARTS

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COLLEGE OF EDUCATION

DEGREE OF MASTER OF ARTS

Education (Continued)

Carl Robert Schippel
John Bradley Shaver, Jr.
Phillip Jerome Shaw
James Patrick Shay
Susan Elliott Shearin
John Kwok-Man Shen
Gilbert Howard Skinner
Barbara Kerr Smart
Douglas Bruce Spike
Nell Sue Stephens
Richard Norman Stoll

Manit Supasirratana
Paneewan Suphanitayarak
Ellin Bowlby Svoboda
Richard Lewis Tallman
James Eberly Thomas
Douglas Edward Thompson
Katherine Kay Thyfault
Edna Mae Tortoriello
Dennis J. Toth
Clara Sue Traver
Carolyn Denise Upshaw
Barbra RoJean Usechak

Carol Diane Vandemark
Gary Eugene Vandemark
Bruce Murlin Vaughn
Wanda Marie Wakefield
Dennis Elliott Ward
Pamela Fay Warren
Eddie West
Sandra Hoggard Williams
Patricia Ann Wilson
Richard Duane Winacoff
Este L. Wolkinson
Linda Oliver Zusack

DEGREE OF BACHELOR OF ARTS

Elementary Education

Deborah Budd Battaglieri
Gary Scott Beld
**Stephen Mark Borton
*David John Bosio
**Marcia Ann Brieger
Teresa Gayle Brookshier
Lee Anne Wilson Bury
*Judy Lynn Carroll
Sandra Kathleen Conklin
Deborah Jane Conn
Janine Sue Corry
Lorry Ella Crowe
*Valerie Sue Dabous
Thomas Harley Davis
Mary Louise Davison
Brenda Joyce Duckett
*Peggie Lou Dye
*Jane Catherine Krupiarz Earl
Patricia Dorothy Faist
Susan Lee Farlin
**Elizabeth Dawe Gifford
H**Gretchen Sue Gollwitzer
Susan Anne Gronbach
Vivian Goodwin Hamilton
*Julie Anne Harris
Bonnie Arden Heath
*Mary Ellen Herman

David Lee Hinkle
*Catherine Marie Hunt
Jamelee Ann Jarou
**Margaret Anna Karas
Michael David Kellogg
**Norma Jean Kilpatrick
Brent Michael Kleiman
**Barbara Christine Kopka
Joan S. Kozerski
**Marlynn June Kreeger
Cheryl Lee Krieger
*Susan Kuwik
Brenda La Jean Laird
Carolyn Kay Laubhan
Angelo Augustine Lopez
Janine Sadie Luke
*Terry Lynn Makinen
Juliet Mazer
*Carol A. McAllister
Carol Ann McKenzie
James Irwin Medford
*Ann Marie Miller
Diane Carter Miller
*Wilma R. Moltrup
Richard Orrin Moore
Michael Maurice Murphy
Elizabeth Aletta Norberg
Maureen Rose O'Grady

Samuel Charles Ortiz
**Judith Mary Perez
Pamela Diane Phillips
Bonnie Sue Piceu
Leslie Jane Queenan
Jane Elsa Raak
Jon Christopher Reed
Paula Rench
Leanna Clare Rice
Ronald Melvin Rutkowski
**Susan Frances Salbenblatt
**Ulrike Schoenfeld
**Pamela Sue Schomaker
Wendy Gay Siegel
Mercedes L. Smart
*Jeri Ann Space
**Lynn Diane Tanner
Christine Veronica Tarwacki
Maki Eloise Taylor
Kathleen Elsie Thorburn
Pamela Raquel Turner
**Brenda Aileen Vastbinder
Mary E. Vinson
Donald Marvin Waters
Sharon Denise Watson
Bronwyn Anne Williams
Brooke Renée Young

DEGREE OF BACHELOR OF SCIENCE

Health, Physical Education and Recreation

**Lisa Marianne Margaret
Beach
*Arlene Frances Frey
Stephen Carl Hubbell
Barbara Jean Marshall

*Ann Christine McCamman
Thomas Paul Megyesi
Connie Jo Meredith
Thomas Michael Mikkola
Jennifer Lynn Morris
William John Paul
Linda Dayle Peck
Susan Lynn Phillips

*Deborah Storms
James Kaylor Taubert

Industrial Arts

*Sharon Ann Reinert
Gary Ross Winzeler

H Honors College
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COLLEGE OF ENGINEERING

LAWRENCE W. VON TERSCH, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
MASTER
OF SCIENCE

Chemical Engineering

Thomas John Nelson
Andrew N. Paquet

Civil Engineering

Bernard Thomas Bellner
John Edward Plotkowski, Jr.

Computer Science

Ralph Peter Stinebrickner

Electrical Engineering

Peter Georg Ulrich Kohler
Jerry Ames Krill

Mechanical Engineering

Morgan Segun Ohwovoriole
Saravut Poolsuk

Systems Science

Wen Chang Ko
Charles Henry Kossen
Keh-Ming Lu
David Andrew Toms

DEGREE OF
BACHELOR
OF SCIENCE

Chemical Engineering

Carlos Ricardo Grillet
David Henry Iddins

Civil Engineering

Daniel Charles Ball
Philip John Childs
**David Dewayne Day
Robert R. Green
David Joseph Milan
Gerald Webb Whiting

Computer Science

Martin Anilane
*Frank John Barkman
*Gary L. Church
Thomas John Erickson

H**Robert Neil Faiman, Jr.
Donald A. Goldsmith
Earl Douglas Lakia
John William Murdock
Eli Oklejas, Jr.
Thomas William Schock
H*Joseph Willard Sherrill
R. H. Simpson
Thomas Charles Socolofsky
Albert David Witbrodt

Electrical Engineering

Stephen William Arnold
James Leonard Carefoot
Juan José Jones
Peter A. Kraus
Erwin Roger Lakia

Bruce Neal Lovejoy
*Richard Daniel Oxbrough
*Michael Stephen Welsh

Engineering Arts

Geoff Graydon Gavrila
John Scott Gillard

Mechanical Engineering

**Robert Lawrence Buckley
Keith Alan Maxam
Hamid Moaven
*Seyed Said Sajadpour

Metallurgy

Thomas George McCarty

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COLLEGE OF ENGINEERING

CANDIDATES — FALL TERM, 1974

DEGREE OF MASTER OF SCIENCE

Civil Engineering

Lawrence Clayton King
John Chien-Chung Li
John Paul Workman

Electrical Engineering

Masoud Othman Qahwash
Ronald Arthur Smith

Mechanical Engineering

Jack Wayne Backus
David Robert Gilbert
Joseph Stanley Mazur
Guy Allen Meadows

Sanitary Engineering

Alberto Ignacio Martin

Systems Science

Frank Joseph Dobrydney
Barry Dana Floyd
Seung Yoon Rhee

DEGREE OF BACHELOR OF SCIENCE

Chemical Engineering

Robert Leonard Irvine
Noble Joseph Swaidan

Civil Engineering

Michael T. Boss
*Donald Edward Bruggers
*Elizabeth Mary Chopp
*Gene Michael Elliott
*Paul Ronald Forte
David Lee Foster
Richard Garretson Griffith
Jack Thomas Hemminger, Jr.
Stanford Lee Henry, Jr.
Dale George Karr
Ronald Lee Krauss
H*Thomas Richard Kubik
Larry Lee Pierce
Richard James Reimbold
Peter Edward Rynas
John Peter Sharp
**Paul Francis Suurs
Robert Carl Trommater
Peter Raymond Wagoner

H**Kay Christine Wilcox
Douglas Gale Wylie
*Joseph Robert Young

Computer Science

Michael Peter Byrne
William Kenneth Reger

Electrical Engineering

David Jon Barton
Samuel Alfredo Castro
Alberto Enrique Diaz
*Daniel Everett Hoggard
George Pietruszenko
Rodney Garold Ray
Raul Rico
H*Steven Allan Schwarz
*Robert Charles Smith
William Edmond Spork
*Michael Joseph Thielemans

Engineering Arts

Lawrence D. Kinser

Mechanical Engineering

Bruce Gary Anderson
Douglas Patrick Arden
*James David Briggs
Alan Douglas Brown
*Bruce Robert Byrnes
Steven William Comrie
Wayne Wallace Hagemester
Jeffery James Hampton
Thomas Jay Hathaway
*Steven Joseph Miner
Thomas Kirk Riddering
Charles Reginald Russell
*Richard Lynn White

Metallurgy

Anthony James Bryhan
Charles Edward Ryba

Systems Science

H*Rosetta Kerin Craig
H*Richard Paul Dalby
James Allen Hoffman
Thomas Wayne Walt

H Honors College
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COLLEGE OF HUMAN ECOLOGY

LOIS A. LUND, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF MASTER OF ARTS

Child Development

Mary Ann Batchelder
Martha Ann Brown
Margaret Ann Browning
Dorothea Ruggles Gietler
Camille Donnelly Knowles
Catherine Meyer Lange
Linda Louisa Peet
Michael J. Siwek
Sandra Gill Skubick

Family Economics and Management

Linda Ann Farr
Grace Fujiyama
Jean McClester
Bonnie Lou Piernot
Linda Carol Sherburn

Family Studies

Donald Elwood Emerson
Kenneth Vandelle Hardy

David John Roberts
Barbara Wallis Tamialis

Home Economics Education

Jacqueline Addington
Kunnecke
Mona Cynthia Slater

Human Shelter and Interior Design

Koni Agnes Harper
Miriam E. Powell

DEGREE OF MASTER OF SCIENCE

Human Nutrition

Karen Lee Basen
Donna Vivian Duff

DEGREE OF BACHELOR OF ARTS

Interior Design

Sandra Ann Blackburn
*Yvonne Renee Dupuis
*Valoree Radelle Haag

Judith Anne Kosar
*Nikki Pachera

DEGREE OF BACHELOR OF SCIENCE

Clothing and Textiles

Colleen Christine Cole
Denise Anne Derderian
Paula Beardsley Irwin
Susan Ellen Mitchell
Susan Beth Ormond

Consumer-Community

Services

Linda Diane Clements
Dain Sharon Daniel
*Christine H. Hargreaves
Joanne Lynne Menzel

Wayla Middleton
**Lee Alison Tracy
Ruth May Wagoner

Dietetics

Shellie Ann Balbach
*Laura Sheila Bardach
*Joanne Marie Betteley
Sue Ann Breen Mitchell
*Erla Portas

General Home Economics

*Kathryn Elizabeth Cozzens
*Mary Elizabeth Haberlein

Home Economics with Communication Arts

H**Cheryl Patricia Jones
*Nancy Elaine Moran
Susan Ann Nowicki

Human Environment and Design

Ada Bell Hughes

Research in Foods and Nutrition

Barbara Ann Olson

H Honors College
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COLLEGE OF HUMAN ECOLOGY

DEGREE OF BACHELOR OF SCIENCE

Retailing of
Clothing and Textiles
Virginia Ann Berry
Kathlene Ann Costello
Gail Elaine Dove
Kay Karol Filgo
Karen Barbara Fridson
Anne Bartley Calvin
Ja'Near Deborah Giger
*Diane Marie Jerger
*Krista M. Klomparens
Jane Elizabeth Kopke
*Deborah Ann Renis
Therese Kathryn Roman
*Marcia Lee Rowlands
Debra Nancy Schaff

DEGREE GRANTED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Child Development and Teaching

Anita Louise Brandt
Mary Lou Broughton
*Blanche Marie Colson
*Mary Dakesian
*Deborah Ann Dehlin
*Janet Bode Fowler
Deborah J. Greiner
*Gail Ann Gulette
Jacalyn S. McIntire
*Janine Sue Neuwirth
*Cheril Lynn Owen
Karen Lynn Perry
*Judith Ann Scanlon
*Karen Diane Schultz
*Sharon Kay Simon
*Janet I. Smith

*Nancy Suzanne Tesner
Gail Marie Thorpe
Karen Helen Townsend
*Ellen Howard Uhl
Nancy Jane Worthington

Home Economics

Education

Rebecca Sue Arnst
Cynthia Louise Braun
*Margaret Ann Cumming
Suzanne Carol Dent
*Donna Scott Fischley
*Kathy Lynn Graham
*Melody B. Hasselback
H* *Rebecca Hodgins
H* *Patricia Gildner LaHaie
Elizabeth Jane Neville
*Suzanne Esther Richards
*Sandra A. Smith
*Kathleen Annette Standfest
*Darlene Marie Walczak
Linda Aualine Wrinkle

CANDIDATES — FALL TERM, 1974

DEGREE OF MASTER OF ARTS

Child Development

Mary Jean Brooks
Carla Ann Kalmbach
Karen Keljo Tracy

Joan Clarann Schmitt
Susan Clarie Sweatt

Family Economics and Management

Doris Denise Yates

Family Studies

Michael Charles Boucher

Home Economics

Education

Doris Noblin DeVaney
Mary Ann M. Srnka

Human Shelter and

Interior Design

Adriane B. Berry

DEGREE OF MASTER OF SCIENCE

Community Services

Judy D. Stenfors

Foods

Katherine L. D. Brys
Linda Way Richards
Gatha Ann Williams

Human Nutrition

Dianne Alaimo Radigan

DEGREE OF BACHELOR OF SCIENCE

Clothing and Textiles

Elizabeth Gail Couch
H* Susan Lynn Freier
Alan MacKay Huston

Consumer-Community Services

Kathleen Ann Benson
Martha Ruth Hach
*Mary Beth Hain
Holly Haven
Christine Mae McIntyre
Patricia Anne Moorhead
*Kathryn Louise Safford
Sharon Dawn Whiting

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Dietetics

Linda Diann DeVore
Patricia Ann Dixon
Regina Francine Preyer

Family Ecology

* Susan Austin Jones

Foods

* Janet Elaine Bowker

Human Environment and Design

Norma Baughan Fetterolf
Christy Anne Hoelscher

Retailing of

Clothing and Textiles

Victoria Susan Andrews
E. Jane Echols
Connie Fay Ellis
Janet Lynne Gillam
* Linda Jean Gregory
* Claudia Jean Henderson
Vivian Yvonne Hoxsey
Gail Susan Ivinskis
Deborah Ann Klukay
* Benjamas Kongkatong
Joan Ellen Leo
Karen Louise Martin
Diane Lynn McCluskie
Mary Ann McConnell

COLLEGE OF HUMAN ECOLOGY

DEGREE OF BACHELOR OF SCIENCE

Retailing of Clothing and Textiles (Continued)

Mary Ellen Merchant
Shirley Ann Nelson
Karen Jean Parker
Steven Joe Siakel
Patricia Hall Thompson
 Siciliano
Kathleen Ann Walthall
*Deborah Susan Wanttaja
*Christine Morse Weadon
Melinda Louise Wright

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Child Development and Teaching

Kathleen Adele Aubuchon
*Anne Marie Betzing
*Marilyn Jean Colton
*Hilary Jane Ferguson
*Carolyn A. Kaatz
*Linda Jeanne Kee
Patricia Kay Leonard
Judy Lee Little
*Ellen Jane Olshove
Marjorie Diane Pajtas

Debra Lee St. Cyr
Debra Lee Swanson
*Susan Lee Unger
*Kimberley Ann Van Wormer
Karen I. Wayman
*Ann Colleen Wells

Home Economics Education

*Barbara Marilyn Budge
*Anne Root Howard
Kathy Lynn Hughes
*Susan Jane Jacob
Anna Teresa Svea Moscicki
Bethany Ann Perry
H* Kathleen Sherwood Salopek

H Honors College
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COLLEGE OF HUMAN MEDICINE

ANDREW D. HUNT, JR., DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
DOCTOR OF
MEDICINE

LaClaire Green Bouknight
Daniel Philip Radawski
Laura Lynn Schultz

DEGREE OF
MASTER
OF SCIENCE

Clinical Laboratory Science
Linda Mae Carr

DEGREE OF
BACHELOR
OF SCIENCE

Medical Technology

*Karen Lou Bauer
*Basim Ali Esmail
Gerald F. Kelly

Margo L. Scholtz
Nancy Oaks Vinton

Virginia Claire Wooster
**Cynthia Rae Zacharias

CANDIDATES — FALL TERM, 1974

DEGREE OF
DOCTOR OF
MEDICINE

Wayne Jay Breece
Robert Linville Bumgarner
Thomas Dudley Burns
George Thomas Clardy, Jr.
Mary Ann Cooper
Arthur Lee Foley III

Dennis Allen Jewett
Andrew Henry Jurow
Douglas Arthur Krause
Sandra Leola Reese Leavell
Steven Laurence Posar
George Leonard
Schaiberger, Jr.

Bryan Perry Shumaker
Robert Gregory Slating
Alfred Timothy Truman
Mark Veenendaal
Reena A. Yonkosky

DEGREE OF
MASTER
OF SCIENCE

Anatomy
Richard Dennis Dey
Barry Dean Stringfield

Clinical Laboratory Science
Phillip Jon Borgerding
Carol Edith Hayes

Microbiology and
Public Health
Robert Donald Perry
James Charles Zlydaszyk

DEGREE OF
BACHELOR
OF SCIENCE

Human Medicine
William Hugh George
*Glynda Ann Melonson

Medical Technology
Kristin Farrell Bronson
Karen Lee Cedarstaff
Deborah Don Duvall

Ross Allen Ford
**Daryl Gai Gonchoroff
Gail Lynn Holda
Christine Kay Leach

* With Honor
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JAMES MADISON COLLEGE

ROBERT F. BANKS, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
BACHELOR
OF ARTS

Kenneth Eugene Cole
*Diane Patrice Davis
Tamara Lea Harmon
*David M. Hersh
*Richard William Kinkade

H**Marsha Jane Orr
*Marc Allen South
*Diane Elizabeth Young

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

H**Michele Ann Naifeh

CANDIDATES — FALL TERM, 1974

DEGREE OF
BACHELOR
OF ARTS

*Celeste Ann Brosenne
Richard Joseph Cook
*John Dennis Hagy

*Daniel Edwin McGuire
James Harold Riley

H**Rogers M. Smith
*Gail Robert Wernette

H Honors College
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JUSTIN MORRILL COLLEGE

D. GORDON ROHMAN, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
BACHELOR
OF ARTS

H*Mordecai Abramowitz
*Mary Anne Austin
*Patricia Ann Caldwell
H**Suzette Marie
DeGrandchamp
*Del Stuart Fishman
**Jean Rachael Johnson
Nancy Susan Klintworth

*Suzanne Elizabeth Margules
**John Martin McCarthy
*Phyllis C. McMillen
H*Dale Linx Orrin
H**Judith Joan Rentschler
Nancy Bryn Rosenfeld
George Samuel Wilson
Stephen Gregory Young

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

**Linda Louise Gaffney
**Karen Marie LaPeikis
Jacqueline Stark Odom

CANDIDATES — FALL TERM, 1974

DEGREE OF
BACHELOR
OF ARTS

*Denise Katherine Ballnik
Cheryl Ann Barget
Adel Biallas
Robert Merritt Blankenhorn
Gary Cohn
Cheryl Lynn Ehli
*Linda Sue Hall
*John Cochrane MacColl
H**Harriet Susan McConnell

*Daniel Alan Mishkin
*Cherie Christina Parrott
*Kathie Lynn Redmond
John Frederick Rickerby
*James Sumner Tisdell
H**Dana Martin-Gregory
Winikates
Kathy Ann Yelvington

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

*Kenneth Stanley Clark
**Susan Elizabeth Crissman
**Linda Hancock Marks
Susan Georgene Schultz

H Honors College
* With Honor
** With High Honor

LYMAN BRIGGS COLLEGE

MICHAEL J. HARRISON, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
BACHELOR
OF SCIENCE

H**Rick Jerome DeRoven
H**Laurie Beth Gottlieb
James Harlan Guite.
William Ardell Harris
H**William Rochard Idzerda

*Robert Jules LeChevalier
H**James Robert Rawlinson
**Susan Jean Richmond
Sally Sue Sutfin

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

*Nannette Andrews Amish
*Kathleen Anne Larson
Clifford Paul Joseph
Schwinck

CANDIDATES — FALL TERM, 1974

DEGREE OF
BACHELOR
OF SCIENCE

H**Lisa Michele Cruvant
*Gregory Lee Finch
Steve B. Fisher
*Pamela Irene Glas
H**Michael James Hayes

Judith Ann Jehle
*James Robert Mayne
Barry Edward Moll
H**Linda Luree Welch

DEGREE RECOMMENDED
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Susan Ann Luttmann

H Honors College
* With Honor
** With High Honor

COLLEGE OF NATURAL SCIENCE

RICHARD U. BYERRUM, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
MASTER
OF ARTS

Mathematics

Peter John Vander Nat
Allan John Wilke

DEGREE OF
MASTER
OF ARTS
FOR TEACHERS

Biological Sciences

Seton Chappelle Bovee, Jr.
Donald Eugene Chamberlain
Richard Elmer Thrall

Mathematics

Fouad Saleh Bukhari
Carol Lynne Clark

Physics

Larry Jay Alofs

Planetarium Education

Allen Baxter Wesson

DEGREE OF
MASTER
OF SCIENCE

Biological Sciences

Andrew John Asimus
Russell Eugene Conner
David Myron Daniels
Terry Clyde Hazen
Vanida Nakavachara
Patricia Therese Quinn
Robert J. Robbins
Joseph Gregory Sage

Biophysics

John David Johnson
Joseph Florian Kordas

Botany

Walter Stephen Judd

Chemistry

Karim Nafisi-Movaghar
John Thomas Richards

Entomology

Ernest Charles Bernard

Geology

Louis Allen Orlowski
Dennis Robert Prezbindowski

Mathematics

Kathleen Marie Bagdonas
Roger F. Lloyd
Hernando Jose Mateus
Dawn Mary Rickard
William Frederick Steele

Microbiology

James W. Carter
Erich Fidelis Eipert
Marcia A. Greko

Physics

Thomas Linton Barger
William Bruce McFarland
Bruce Robert Thomadsen
Kopsiri Warapitayut
Herman Brenner White, Jr.

Physiology

Thomas John Kuehl

Statistics

Hung Lo

DEGREE OF
BACHELOR
OF ARTS

Mathematics

H** James Bruce Douglass
Michele Louise Hartman

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Mathematics

Martha Mae Studnicka

H Honors College
** With High Honor

COLLEGE OF NATURAL SCIENCE

DEGREE OF BACHELOR OF SCIENCE

Astrophysics

*Pamela L. Overfelt
Douglas Clark Tody

Biochemistry

Stephen Kenneth Carpenter
*Glen Herbert Cook
*Joseph Charlton Miller
Janet Ellen Stayer

Biological Sciences

Richard Dams
Kathleen A. Hunter
*Lyle Keith Krumlauf
*William Anthony Kulikowski
*Dawn Marie Pederson
Gary DeWitt Pettway
Carol Jean Wilder

Botany

*Donald Michael Ferrin
Janet L. Stone

Chemistry

*RoseAnn Augustine
*Christine Jean Beardsley
*Eugene Stephen Daszko
Charles E. Rossio
*Sandra Jean Swetnick

Geology

*Katherine Mary Balshaw
Jeffery Alan Dexter
*Richard Christopher Henkel
*James Douglas Huggard
*John George Lanning
*Robert Michael Syrjamaki
*Thomas Alvin Test

Mathematics

Michael DiPietro
*Michael Oliver Gates

Linda Marie Hall
*Lynn Renée Hayes
James A. Horton
Edward Mattia
H**Carl Jan Patterson
**Louis Emerson Rosier
*Frederick Paul Zingesser

Microbiology

Duane Alan Cook
Michael Andrew Daniel
*Kathleen Jeanne Jewett
Donald Joseph Kostrzewa
Charles Ray Lee
*Brenda Clare Schultz

Nursing

*Roberta Elizabeth Kugelberg
Charlene Malta
**Janis Anne Rottschaefer
*Marlene Lynn Spencer
Naomi F. Tomko
*Lynn Renée Zuellig

Physical Sciences

*Robert Donald Plambeck

Physics

*Joseph Eugene Finck

Physiology

Randall George Black

Zoology

*Laurie E. Aaron
**Cindy Ann Anderson
Terry Joseph Caillouette
H**Doyle Edward Calley
*Michael Francis Conlin
Katherine Alicia Egeland
Mark Allen Gretz

Kay F. Hsu
James Wayne Johnston
*Randall Charles Kipley
*Steven John Rolig
Robert Lee Roos
Lisa Rosman
David William Stackable
Cheryl Lynn Subora
Charles Haig Tashjian
Mark Erick Totman

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Biological Sciences

David Charles Beal
*Karen A. Eschenburg
Craig Stephen Fowler

Chemistry

*John Howard Lazet

General Science

Susan Lynn Chodola
Marilyn Louise Kempinski
*Timothy Jon Ranval
Joe Harold Sternburgh

Mathematics

*Mike Wayne Cipolletti
Grant Alfred Goodall
Doris Elaine Kibbe
Ronald Robert Nicklaus
*Karen Ann Sherck
David Egnazio Vultaggio
*Robert Bruce Waldo
Frank Roger Wilson
Paul Joseph-Mark Witucki
*Mark Hiler Wright

CANDIDATES — FALL TERM, 1974

DEGREE OF MASTER OF ARTS

Mathematics

William Cyrus Navidi

DEGREE OF MASTER OF ARTS FOR TEACHERS

Chemistry

James Ellis Lake

Geology

Donald Lee Fowler

Planetarium Education

Gary Earl Tomlinson

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HONORARY DEGREE

VAN CLIBURN

Because of the unusual dimensions of your achievement as an artist, you are widely regarded as one of America's foremost living musicians. Your success in a difficult profession requiring much personal sacrifice honors your teachers and affirms your own unwavering dedication to self-fulfillment through music. By winning such prestigious awards as the Levertritt Foundation Award and first prize in the International Tschaikovsky Piano Competition in Moscow, you earned worldwide acclaim for your artistry. Your later performances in this country and throughout the world have aroused emotional experience in the hearts of people everywhere. Many of your appearances have served to advance our cultural relationships internationally. Your sponsorship of the Van Cliburn International Piano Competition and your sustained and large contribution in the State of Michigan to the advancement of musical education at Interlochen are evidence of your concern for furthering the careers of young musicians. In recognition of your distinguished musical career, the bright spirit which illuminates your life and work, and especially for your music, which has brought joy and meaning to so many lives, Michigan State University is pleased to grant you the degree of Doctor of Fine Arts.

Mr. Cliburn is the Baccalaureate Commencement speaker.

COLLEGE OF NATURAL SCIENCE

DEGREE OF MASTER OF SCIENCE

Biological Sciences

Michael Anthony Steinmetz

Botany

Amelia Kay Ward

Chemistry

Beatrice Louise Clink
Brian Douglas Jeltema
Sawit Phisanbut
Patrick B. Smith
John Wiley Thompson, Jr.

Entomology

Richard K. Brandenburg
Michael Dale Bryan

Geology

Jeffrey Fuehrer Reagan
Douglas Jay Seyler

Mathematics

Benjamin Moultrie

Microbiology

Anees El Batool
Gail Anne Carson
Leigh Walter Martin
Bruce Blaine Mason
John Joseph Molongoski

Physics

Gregory Chase Hamilton
Victor George Kriss
Charles Harrison Shubert

Physiology

Carol Joan Bradley

Statistics

Wayne Benjamin Lingle

Zoology

James Stephen Webber

DEGREE OF BACHELOR OF ARTS

Chemistry

William Timothy Flynn

Mathematics

Brian Vernon Jones

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Mathematics

*Laura Beth Bjerke
H**Elise Joy Sargent

Biochemistry

Eric Amador
Robert Joseph Buswell
**John Marshall Reno

Biological Sciences

James Richard Blakeney
Annette Carmen Gonzalez
Steven Louis Hargreaves
H**Gail E. Kantak
**Kathleen Elizabeth Noone
*Randle Neal Samuels
Richard Alan Sanders
Philip Joseph Smyka
Arthur Wen-Yuan Tai
Michael Alan Tanner
Kevin Norvell Taylor
*David Edward Wilson

Entomology

Michael J. Corneil
Thomas Alan Dudek
*Galen Eugene Frantz II

Geology

Neil Allen Chamberlain
*Hannah Deborah Estra
*Gary Scott Howard
*David D. Ryan
Nancy Lee Schuch
Wendy Kathryn Shaft
**Rodney Stephen Smith
Daniel Steven Vandervort

Mathematics

H**David Michael Bowen
*Mary E. Chalker
Paul David Garnett
Allan Arthur Moluf
**Frederick Alvin Rodammer
H*William C. Weist

Microbiology

Robert Michael
Feldpausch, Jr.
Richard Allan McLellan
Douglas John Price
Stephen Earl Tolen
Mark Gregory Trudell

Nursing

*DeAnne Susan Dey
Mary Patricia Sercu
Andrea Laughlin Smith
*Adena Rae Swanson

Physical Sciences

James L. Daggy

Physics

*Edward Ray Lulofs
David Dean Mead
Kim Annon Ryal

Zoology

*Edward Bruce Alderman
James Albert Brotz
*Nancy A. Carldon
*Daniel Lawson Collins
*Richard Earl Conklin

*Barbara Louise Cowles
*Gerald Clay Crane
Mark Benedict Gemender
*Mary Susan Haggerty
Steven A. Hamilton
Coral Lee Hanson
William Mark Hoelzer
Edward Marshall Keller
Jeffrey Lee Kentfield
*Judith Ann Kindschy
Linda Faye Landers
*Louis William Lessard, Jr.
James Michael Ryba
William Paul Schriner III
Steven Frederick Schroen
*Stephen Scott Towns
Jeffrey James Zindel

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Biological Sciences

Kenneth Eugene Pitts
H**John Henry Smith, Jr.
Mary Ann Staudacher

Chemistry

*Susan Victoria Hummel

Mathematics

*Nancy Jean Fox
Cynthia Louise Tremonti

Physical Sciences

Janice Lynn Pepin

H Honors College
* With Honor
** With High Honor

COLLEGE OF OSTEOPATHIC MEDICINE

MYRON S. MAGEN, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
DOCTOR OF
OSTEOPATHY

Donald Jonathan Adler
Kurt A. Barrett
Ronald James Barrette
Lewis Bass
Michael Julius Bedecs
James William Buswinka
Charles Barrett Dehlin, Jr.
Martin Allan Finkel
Ruth Ann Freeman
Rosemary Joan Havey

Creighton Gregory Heyl
Steven Paul Hoff
Louis Jacobs
Stephen E. Kessler
Karl Allen Kuipers
Raymond Karl Lederman
Philip Vincent Marinelli
Basil John Marrella
Owen Bruce Pickus

Howard Stuart Rossman
Elizabeth Ann Sagady
Howard Allan Schoenfeld
Neil Clark Segall
Robert Joseph Sikorski
Gerald Edmund Stopczynski
Kenneth Dale Stringer
Edward Bernard Trachtman
Eric Jeffrey Williams

DEGREE OF
BACHELOR
OF SCIENCE

David Allen Abbott

CANDIDATE — FALL TERM, 1974

DEGREE OF
DOCTOR OF
OSTEOPATHY

Kenneth Lloyd Fink

COLLEGE OF SOCIAL SCIENCE

GWEN ANDREW, ACTING DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF MASTER OF ARTS	<u>Anthropology</u> Robert Carlisle Mainfort, Jr.	<u>Psychology</u> Deborah Rudisill Allen Micheline Alys Beam Richard Levine Calvin Roy Matthews Ira Moses Dallas Clayton Williams Fred Wise	<u>Social Science</u> Jerome David Johnson James R. Thomas Willard Paul Wilcox
	<u>Political Science</u> Arnold Lee Greenfield		<u>Sociology</u> Mark Hayes Pittman
DEGREE OF MASTER OF LABOR AND INDUSTRIAL RELATIONS	Jimmy William Corbin Gregory DeLaCruz Patricia A. Dillon David E. Hendricks Linda Myra Hochman	Kenneth W. Holzman Joe Scott Howard Robert William Lawrence Jan Louise Linsky	Mark Burton Phillips Nero James Pruitt K. Dow Scott Abbassali Vakili-Zad
	<u>Criminal Justice</u> Thomas Lee Austin William James Bissett James Andrew Conser Raymond Alfred Cook Anne S. Epstein	Jack Raymond Greene Karen Michelle Humphrey James Seph McHenry Mark David Metzger Joan Marie Petoskey Jimmie A. Rodgers	William Paul Sams Johnnie Calvin Shoates Charles Coleman Stipanovich Robert Wayne Taylor O'Neal Oliver Wright
DEGREE OF MASTER OF SOCIAL WORK	Jack Alan Haverman	Ellen Jean Hodges	
DEGREE OF MASTER IN URBAN PLANNING	Bruce Torrey Bartlett		

COLLEGE OF SOCIAL SCIENCE

Anthropology

- *Jo Anne Stephanie Arasim
- *Norman Craig Sullivan
- Susan Marie Tomakowski
- **Celia J. Van De Moortel
- Alfred Albert Walker, Jr.

Geography

Danny L. Voorhees

Political Science

- *John Theodore Carlson, Jr.
- Thomas Matthew Cox
- *Philip Peter Curran
- **Suzanne Kay Fleming
- David Mitchell Glasser
- Lorna Wynn Holt
- Eric Van Johnson
- Stephen Phillip Jones
- Timothy J. Kehl
- *Louis LeRoy Malipsey
- Victor Mankowski
- *Larry Lee Miller
- **Bradley Charles Pear
- James Malcolm Peck
- **Richard Alan Rubenstein
- *Robert Charles Tice
- Craig Robert Williams

Psychology

- Brenda Adams
- Derrielle Rene Ball
- *Carla Jo Campbell
- *Gloria Jean Craig
- Jerome Daniel Dietrich
- *Paula Kay Dykstra
- Donna Jean Fassett
- Laurel Ann Foster
- Aaryce Elizabeth Gordon
- Wendy Minor Grant
- Brenda Joann Hairston
- *Lisa E. Hanley
- David Russell Harris
- John Edward Helrigel
- David Robert Holt
- Alice Faye Jones
- *Mary Beth Keast
- H**Lisa Davies Kingsley
- Mariadel Pilar La Pres
- Timothy Irving McDonough
- Jack Barclay McIntyre, Jr.
- William Erick Mitchell

- James Andrew Papesch
- Donna Marie Pearce
- Peter David Reno
- Denise Robichaud
- **Kathleen Margaret Romwalter
- Valerie Ann Sienkiewicz
- Elaine Suzanne Thompson
- *Gary Joseph Ventimiglia
- Laura Ann Wade

Social Science

- Donald Louis Austreng
- Johnny Fulton Baxter
- Bill James Belcoure
- David Bruce Betz
- Michael Murray Bookmyer
- Carolyn Janette Coleman
- Carla Marie Downie
- Arturo Gonzales
- Jerrold Robert Graham
- Irwin David Gravlin
- Robert David Gutowski
- *Barbara Ann Hoagland
- *Tracie Hornung
- Tom Trefon Kallapure
- David Alexander Kinchen
- Marney Susanne Knecht
- *Jeffrey Lee Kremer
- John Herbert Larson
- Donald Thomas McKay
- Colleen Marie McNamara
- **Dagmar Christine Mikko
- Carolyn A. Moore
- Linda Anne Morrone
- Karin Lynette Roaché
- Mark Allen Schmidt
- H**Cheryl Ann Shettel
- **Frank Harwood Stewart
- William Harold Tansil, Jr.
- Bessie Marie Taylor
- *Juan Luis Tienda
- Patricia Elizabeth Truax
- Otis T. Wallace

Social Work

- Rosemary Carol Adam
- *Dale Kevin Adcock
- Sandra C. Arthmire
- *Bethel Sue Baumer
- *Caron Michele Behrendt
- **Janice Elaine Blakely
- *Linda Louise Campbell

- Gloria Anne Capp
- Adrienne Lynn Elliott
- David Brian Endicott
- LaDonna Forrest
- Jo Ann Garrison
- Karl E. Hermanson
- **Cathy Rose T. Jeske
- Glenn Charles Litchfield
- Barbara Ann Lyijynen
- Kathryn Lynn McQueen
- David Stephen Melnek
- *William Roy Michell
- Georgia J. Rausch
- **Janice Marie Schafer
- **Marie Louise Svec
- **Debra Lynn Wilt
- *Sue E. Young
- *Ann Elaine Zoss

Sociology

- Janet Lee Brooks
- Donna Lynn Cowan
- *Sydney Fell Gilmore
- *William J. Hunault
- *William Thomas Mazzetti
- *Margery Jean Michael
- *Robert Glen Seeley
- *Linda Louise Simon
- Laura Reiko Takeshita

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Social Science

- Diane Kay Creel
- William Clark Dwyer
- Chris H. Keene
- Marsha Elizabeth Keyes
- *James Dale King
- *Elizabeth MacLennan
- *John K. Mooradian
- John Edward Petzko
- Jack K. Pollard
- Elizabeth Ann Shinar
- Loni Jane Smith
- *Margaret Smith
- *Michael Lee Street
- Barbara J. Vertin
- Daniel Glen Ward
- Charles Edward Wisler

DEGREE OF
BACHELOR
OF ARTS

DEGREE OF
BACHELOR OF
LANDSCAPE
ARCHITECTURE

H Honors College
* With Honor
** With High Honor

COLLEGE OF SOCIAL SCIENCE

DEGREE OF BACHELOR OF SCIENCE

Criminal Justice

- *Lawrence Joseph Bauer
- *Eileen Marie Bechill
- Paula Jeanne Booth
- *Steven William Bott
- Donald J. Bregg
- Robert Westfall Brower
- *Bernard William Butkovich
- *Thomas Joseph Caul
- Harvey Joseph Clark
- *Shirley Ann Cote
- *Peter Collins Deshler
- Cheryl Ann Eble
- Doreen Ann Ensign
- Vickie June Ensing
- George Mark Faistenhammer
- Steven H. Gerlach
- H* Peggy Lee Goodrich
- *Janis Kaye Hammerlind
- *Brian Alexander Hoppe
- Robert Alan Humphrey
- Constance Sheryl Jackson
- Lawrence Joseph Jelinek
- Merle Lowell Lemon
- Todd Anthony Malpass
- Charles Marvin McDowell
- *Sharon Marie McNeil
- Robert Scott Mullen
- Dennis Adelbert Niemiec
- Larry Darnell Page
- Patricia Yvonne Reed
- Charles David Sarabyn
- William Eugene Simmons
- *Gerald Joseph Sington
- Charles Clay Smith
- Susan Jo Still
- *Martha Susan Transeth
- *Dominick John Vettraino
- *Richard Roy Wahl
- Joseph Paul White
- Ronald Walter Wilson
- David William Youngs

Geography

- Dermot Francis Kennedy
- Jeffrey George Ploskonka
- H* Joyce Elaine Whitman

Psychology

- Daniel Morris Sumner Appel
- Raymond Meredith Bayer
- Debra Adele Borne
- David James Boyer
- H* Kirt Charles Butler
- H* Debra Sue Cort
- *Dalene DeGraaf
- H* Stephen N. Elliott
- William Valentin Fabijancic
- *Jennifer Marie French
- *Robert James Goodhand
- Marquita Yvonne Hall
- Michael Bernard Kalisewicz
- *Carol Ann Keating
- David Norris Keefer
- *Robin H. Kirsch
- James Wilder Korth
- *Stanley John Lakanen
- David Ballard Lane, Jr.
- Edward Charles Lublow
- Daniel Alexander Mazur
- Eileen Childs McCollough
- *Deborah Ann Medel
- *Kathleen Marie Mercier
- *Joseph Robert Mills V
- Barbara Ann Reid
- *Lisa Ann Reinhardt
- H* Diane Lynn Reppuhn
- Larry Alan Rice
- Larry Robinson
- *Sandra-Elizabeth Bowen Santos
- *Janette Faye Singley
- Theodore Rolland Southworth

- Matthew Charles Sweeney
- Thalia Anne Thrall
- David Charles Uhley
- *Gailord Charles Weeks

Social Science

- Donald Archer Angell, Jr.
- Steven Lewis Burkhardt
- Kathleen Ellen Covert
- *Barbara Crowe
- Rick James Deller
- Richard Lang Edwards
- Robert Alan Foreman
- Michael Thomas Freeman
- *Janet Lisa Garber
- Virginia Ann Golchoff
- Monica Lynn Goss
- Douglas Ray Hamilton
- Thomas Ervin Harvat
- Benedict August Hunsanger, Jr.
- *Kevin Dix Kelley
- Michael Thomas Kerr
- Brian Ford Larsen
- Leonard Frank Loria
- Paul L. Nelson
- Daryl Kenneth Oldenkamp
- Neil A. Patterson
- Walter Albert Reule
- Thomas William Stimmell III
- Thomas William Wallace
- H* Wendy Ann Weeks

Sociology

- *Janice Marie Nordstrom
- Daniel Bennett Shutt

Urban Planning

- Thomas Howard Alkire
- Thomas Martin Beverly

CANDIDATES — FALL TERM, 1974

DEGREE OF MASTER OF ARTS

Anthropology

- Linda Elaine Easley
- Thomas Dennis Giblin
- William Elmer Lahti

Geography

- Russell Leslie Dodson
- Kenneth E. Keifenheim
- Jose Jesus Rojas Lopez

Political Science

- Luis M. López-Guerra

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

Psychology

- James Justin Cooper
- Anderson Clarke Freeman
- Alan Lou Greenthal
- Robert Lee Holmes
- Richard William Ince, Jr.
- Thomas Lee Kodera
- Rodney Lewis Lowman
- Thomas Francis Negri
- Michael D. Petkovich
- Neil Edward Rand
- David Michael Rubin
- Leonard Paul Sawisch

- Allison Blake Stern
- Hilton Tellis Thomas

Social Science

- Steven C. Feeny

Sociology

- Ferdinand Fritz
- John Javaty Kaifa
- Billye Jean Suttles
- Barbara Garrett Thompson
- Thomas Henry Whalen
- Clark Eldridge White

COLLEGE OF SOCIAL SCIENCE

DEGREE OF MASTER OF LABOR AND INDUSTRIAL RELATIONS

Joyce Louise Campbell
Thomas John Campbell
Eric Bruce Chapman
Mary Louise Cole
John Francis Collins
Larry Van Cross
Dennis Sheldon Dahlman

Richard Lee Deaugustinis
Randall Jon DeWitt
Barry Glenn Fields
Steven T. Maher
Michael Jeffrey Meeske
Cynthia Rae Nietfeld
Patrick Michael Payne

Kevin Joseph Smart
H. William Stertz, Jr.
David William Stevens
John Anthony Superak
Paul Eric Swanson
Paul Robert Vance

DEGREE OF MASTER OF SCIENCE

Criminal Justice

Barbara Laurie Brehm
James Allen Carter
Dennis Wayne Catlin
Terry L. Grant

Donald James Hengesh
David Lee Hudiburgh
Gary Edward King
Maureen Ann O'Connor
James John Rehmann

Eva E. Schlesinger
Howard Tee Devon Spence
Marvin C. Stone
John Michael Thomas
Jesse Deslandes Williams

DEGREE OF MASTER IN URBAN PLANNING

Obi Basil Achunine
Brian Joseph Chase

Iraj Mofrad Eftekhari
Karen Heath Goklany

DEGREE OF BACHELOR OF ARTS

Anthropology

H* Irene S. Lee
* Randall Lee Seaver
Ellen Faye Van Valkenburg

Geography

J. A. Simons

Political Science

John M. Cahill
Neil Jay Leeman
Steven James Parr
Mark D. Raven
Sally Jane Stensen

Psychology

H* Christopher Michael
Aanstoos
Michael David Almada
Sharon Lee Baker
Joseph M. Bowman
* Bruce Edward Chlopan
David Lewis Farhat
H* Vicki Ann Fitton
H* Barbara Gilin
Thomas James Homrich
Robert Lee Len
Ida Marie Maison
Robert Tracy Ogletree
Mary Eileen Peters
Thomas William Russell
Cassandra Marie Schafer

H Honors College
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** With High Honor

* Charlene B. Seiler
Philip Alan Shannon
Robert Burton Smith
* Richard Allen Steinberg

Social Science

Audrey Renaye Ambrose
* John Randolph Beardslee, Jr.
H* Gregory Michael Bereznoff
Patrick James Burns
David K. Buxton
* Valerie Schmitt Dahlman
Clinton Dudley
John A. Egan
Thomas Edward Ezell
Charles Conrad Forster
E. Irene Greene
Gloria Patrice Greene
* Joseph Sydney Harrison
Eugene Bruno Kaminski
* Randall Jay Koper
Ryan Francis Korpi
* Paul Jerome Korth
Michael Alan Lee
John Emery Lorente
Christie Ann Lozen
Ralph Martinez
Robert William Marshall
* Kim Ellen McKesson
Mark Paul McLoughlin
Charles Campbell Miles III
John Charles Nemeth
Leland Daniel Petrovich

James Richard Purdy
Stephen Gregory Randolph
Kenneth Gordon Richards
Joseph A. Scalzi
* Richard William Schmalzried
George Wesley Scott
Martin Frank Sovis
John T. Straebel
* Karen Gifford Hogue Weber
Linda Denise Weisman
Nettie Reiter Wiener
John Joseph Woodard
John Martin Matthew
Yurisich
Cynthia Mary Ziton

Social Work

William Joel Belasco
Mary Ann Christine Bull
Isabelle Margaret Campbell
Daryl Lyn Cantine
Patrice Maureen Davis
Dianne A. Dunchock
* Kathryn Anne Eberly
* Mary Emma Hubbard
H* Ricky L. Jentons
* Mark Brian Johnson
Richard Allen Kaiser
* Margaret Ellen Lebherr
Marjorie Carol Lent
H* Ruthanne Okun
* Marilyn Stevenson O'Neil
Gwenda L. Porterfield

COLLEGE OF SOCIAL SCIENCE

DEGREE OF BACHELOR OF ARTS

Social Work (Continued)
 *Linda Johanna Rizzardi
 *Willie Lee Ross
 *Georgette Ann Rousakis
 *Marilyn Rachael Sayfie
 Wilma A. Seward
 Douglas Barry Singer
 *Lona Jean Sweitzer
 Karen D. Trimmer
 Pamela Lynn Westbrook
 H* *Marilyn Sue White

DEGREE OF BACHELOR OF SCIENCE

Anthropology
 *Elizabeth H. Cosmos

Criminal Justice
 *Michael Jon Anderson
 James Noel Arnold
 *Paul Edward Bolek
 Shane Bolley
 Jeffrey Porter Brasch
 Bruce Victor Brower
 Charles Robert Browning
 *Karen Glynn Bush
 Richard Danny Casteller
 John H. Cymerint
 *Bruce Anthony Dekraker
 Deborah Dye
 Greg Steven Forbis
 Elton Anthony Forma
 Michael Farrel Gardner
 Richard Albert Gleason
 Dennis R. Grams
 *John Maas Harwood
 James Michael Hatch
 Debra Lynn Kisse
 *Mary Catherine Konieczka
 Terry John Korpi
 Thomas Arlan Lambert
 Jo Anne Ledtke
 Ralph Alan Lundberg
 James Colin Masterson
 *Mary Jean Mitchell
 *Vicki Ann Moreau
 *Kenneth Craig Morris
 Richard L. Pawlak
 Randy Lee Rand
 John Fredrick Rehagen
 Ray Franklin Rhoades
 Walter Irvin Sherk III
 H* *Robert Allen Smith
 *Carl Finan Stafford
 *Annette Naomi Steinborn
 Jack Noel Stevens, Jr.
 Wilbert Summers
 Timothy Michael
 Swieczkowski
 William Thaddeus Wardwell

DEGREE OF BACHELOR OF LANDSCAPE ARCHITECTURE

Robert Alexander Kruch
 Roy Wayne Wilson

H Honors College
 * With Honor
 ** With High Honor

*Gary S. Wylie
 David Richard Zavorski

Sociology

Thomas L. Arnold
 Kristine May Barry
 Kerynn Lynne Bissett
 Suzan Jayne Carlson
 Richard Carl TenHoor

Karn Lee Weirman
 Gerald Michael Wilson

Geography

*Jean Anne Carlisle
 * *Alice Muciek

Psychology

*Sharon Lou Aulds
 Philip Marlow Barger
 *Debra de Rohan Barondes
 Nicholas William Bartz
 *Leland Keith Beggs
 *Ruth Louisa Briggs
 *Robert G. Broadwell
 H* *Peter Crawford Brunjes
 Stephen John Buechel
 Dorothy Janet Burk
 Vicki Lynn Campbell
 Brian James Davis
 Mickey Singer Davis
 Michael James DeBoer
 *Terry L. Drum
 *Steven J. Fenner
 Robert Charles Gates
 Bradford Manning Hamilton
 Carl Bennett Hebel
 Barton William Hood
 H* *Sharon Dawn Kulacz
 *David Gordon Lehman
 *Mary Margaret Macionski
 Claudia V. Martin
 Gregory Lavern Miller
 Gary James Miner
 H* *Paula Marie Northrop
 Alan James O'Brien
 Denise Sue Rettstadt
 Frederick Dale Riley
 Claudia Salazar
 Mark Lewis Shurtliff
 *Pamela Anne Stark
 H* *Titus Augustine Taube
 David Edwin Van Degrift
 James Robert Walainis
 Mary Bridget Welsh
 Gayle Aileen Whitney

DEGREE RECOMMENDED
 JOINTLY WITH THE
 COLLEGE OF EDUCATION

Social Science

Diana Lupini Brown
 *Marsha Ann Lamond
 Jill Irish Lapham
 Deborah Diane McClintock
 *Charles William Seifert
 *Mark James Smith
 *Michael Preston Sumbur
 Carolyn Jeannette Webb

Social Science

Michael Scott Allen
 *Belinda A. Belding
 *Larry Alan Boshnyak
 James Howard Bullock, Jr.
 Susan Ondra Foster
 Douglas George Franz
 Robert Brian Gilroy
 Russell D. Godfrey
 Mit Lee Goins, Jr.
 Franklin James Heaphy
 John Harold Hice
 Gary Luther Hicks
 Gregory Bruce Hoerich
 Norde James III
 Thaddaeus Dé Andrea Lee
 Thomas Augustine McQuillan
 Jeffrey Glenn Mull
 John Arthur Olson
 Teresa M. Owens
 James R. Renner
 Clarence George Schwab
 *Barry Lynn Shantz
 Robert E. Sippola
 Joseph Eric Tomlinson
 *Lawrence Edward Walker
 John Thomas Werbinski
 Joseph Bowen Williams
 John Morgan Wireman

Sociology

Ursula Maier
 *John Kiyoshi Teshima

Urban Planning

Richard Allen Lampi
 Benjamin Carlton Williams

DEGREE RECOMMENDED
 JOINTLY WITH THE
 COLLEGE OF EDUCATION

Social Science

Sandra Kay Collinson
 Alvin Lynn Lennert
 H* *Gerald Joseph Salczynski

COLLEGE OF URBAN DEVELOPEMENT

ROBERT L. GREEN, DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
BACHELOR
OF SCIENCE

Urban and Metropolitan

Studies

Samuel S. T. Peng

CANDIDATES — FALL TERM, 1974

DEGREE OF
BACHELOR
OF ARTS

Urban and Metropolitan

Studies

*Laurie Beth Bennett
Henry Hartford Brown, Jr.

Delbert James Gregory
Richard Levern Pitts

* With Honor

COLLEGE OF VETERINARY MEDICINE

CHARLES F. REED, ACTING DEAN

GRADUATED SUMMER TERM, 1974

DEGREE OF
BACHELOR
OF SCIENCE

Veterinary Medicine

**Tom Edward Dombroski **James Lloyd Spencer
*Robert Calvin Myers *Kathleen Ann Yates

CANDIDATES — FALL TERM, 1974

DEGREE OF
DOCTOR OF
VETERINARY
MEDICINE

*Janet Aldrich
*Mark Christophor Andersen
*Dennis Earl Anderson
Charles James Bares
James Glen Barrie III
*Kathleen Pioch Barrie
**Bruce Gregory Bean
Charles David William Blogg
*Gerald R. Brecke
Jenaay Marlee Brown
*Richard James Burke
**Nicholas J. Cetta
Thomas Frederick Cooley
Earl David Cornprobst
*Bruce C. Cozzens
Michael Patrick Darga
Stanley Charles Diment

Virginia Marilyn Dodd
**Dale E. Dumaw
*David M. Elliott
Richard Phillip Elsesser
Rory C. Foster
**G. William Gregg
Don M. Heinert
**Steven Michael Hopkins
Thomas Harry Kavanagh
Garold Henry Koester
**Barbara Susan Kollin
*James Andrew Koprowski
*Patrick Bruce Lappin
*Sandra Dawn Ley
Brenda Jean Morris
David Joseph Naidus
Jeffrey David Nichol

*Gregory D. Oatley
Noreen Cerchia Overeem
*Anthony John Pajas
Charles Frederick Plein
*Manley Constantine Pratt
*Bonnie Leslie Raphael
*Marc Henry Ratzlaff
*Gary Leigh Reinhardt
Don Richard Sheets, Jr.
Harold Gordon Simon
Joseph Mark Simon
Rachael H. Smith
*Victor Wayne Villari
Ernest Lawrence Vine
Michael Roy Voss
Thomas Darrell Yonkers
John Jerome Zechlinski

DEGREE OF
MASTER
OF SCIENCE

Pathology

Roger Wallace Cook
Louis Edward Newman III

Small Animal Surgery and Medicine

A. Thomas Evans
David Frederick Merkley

DEGREE OF
BACHELOR
OF SCIENCE

Douglas Edsel Amy
**Paul Brian Bloom
Alexander Lamont Byron
*Richard Michael D'Adamo
Terry Scott Faber
**Lewis Patrick Feuerstein
*Jean Marie Heyt
Robert Andrew Hill
**Brian Joseph Hosking

**Nancy Kay Kelly
*James Kent Klaassen
*Betty Marlene Mackie
Richard Martin Nelson
*James Louis Nicolas
Marilyn Frances Nowicki
*Darryl Henry Patrick
*David Alan Pyle
Thomas James Resler

*Rosanne K. Roman
*Scott William Rundell
*Michael Patrick Tarrier
*Herbert Steven Thinnies
*Thomas Scott Thompson
**Susan W. Tobias
**Jan Louise VanSteenhouse
**Cathleen Mary Weber
**Mark Allen Westenbroek
*Linda Elizabeth Whetter

* With Honor
** With High Honor

RESERVE OFFICERS TRAINING CORPS

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

AEROSPACE STUDIES

Lawrence D. Kinser

MILITARY SCIENCE

Military Intelligence
Terry John Korpi