



COMMENCEMENT 1966

MICHIGAN STATE UNIVERSITY



COMMENCEMENT 1966

Sunday, March 13

University Auditorium, East Lansing

ACADEMIC COSTUME

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

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

Three types of gowns are indicated by the code. Those worn by the bachelors are made of black worsted material and have long, pointed sleeves. Those worn by masters may be made either of black silk or black wool and 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 made of black silk and 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. Art 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 . . . *Maize*
Forest Products,
Forestry, Packaging *Russet*
COLLEGE OF ARTS AND
LETTERS *White*
Music *Pink*
Philosophy *Navy Blue*
COLLEGE OF BUSINESS *Drab*
Economics *Copper*
COLLEGE OF
COMMUNICATION ARTS . . *Royal Blue*
Journalism *Crimson*
Speech *Silver Gray*

COLLEGE OF EDUCATION . *Light Blue*
COLLEGE OF ENGINEERING . *Orange*
COLLEGE OF
HOME ECONOMICS *Maroon*
COLLEGE OF NATURAL
SCIENCE *Golden Yellow*
Nursing *Apricot*
COLLEGE OF
SOCIAL SCIENCE *Citron*
COLLEGE OF
VETERINARY MEDICINE . *Dark Gray*

ORDER OF CEREMONIES

PROCESSIONAL

WAR MARCH OF THE PRIESTS FROM ATHALIA — *Mendelssohn*
Michigan State University Symphony Orchestra
Professor Romeo Tata, *Director*

AMERICA — *Smith*

My country, 'tis of thee,
Sweet land of liberty,
Of thee I sing;
Land where my fathers died,
Land of the pilgrims' pride,
From ev'ry mountain side
Let freedom ring!

INVOCATION

DR. PAUL M. HURRELL
Department of Philosophy, Michigan State University

ADDRESS

THE HONORABLE MARTHA W. GRIFFITHS
Member of Congress, Seventeenth District of Michigan

SPECIAL MUSIC

INTERMEZZO FROM HARY JANOS — *Zoltan Kodaly*

CONFERRING OF DEGREES

JOHN A. HANNAH, D.Agr., LL.D., HH.D., L.H.D., D.Sc.
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.

When from these scenes we wander
And twilight shadows fade,
Our mem'ry still will linger
Where light and shadows played.
In the evening oft we'll gather
And pledge our faith anew,
Sing our love for Alma Mater
And thy praises, M.S.U.

BENEDICTION

DR. HURRELL

RECESSIONAL

FINALE FROM SYMPHONY No. 1 — *Brahms*

The escorts for the procession are members of Mortar Board, the honor society for senior women.

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

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 WARREN M. HUFF, <i>Chairman</i>	<i>Plymouth</i>
THE HONORABLE FRANK MERRIMAN	<i>Deckerville</i>
THE HONORABLE C. ALLEN HARLAN	<i>Southfield</i>
THE HONORABLE CONNER D. SMITH	<i>Pinconning</i>
THE HONORABLE STEPHEN S. NISBET	<i>Fremont</i>
THE HONORABLE DON STEVENS	<i>Okemos</i>
THE HONORABLE FRANK HARTMAN	<i>Flint</i>
THE HONORABLE CLAIR WHITE	<i>Bay City</i>

JOHN A. HANNAH, <i>Ex Officio, President</i>	<i>East Lansing</i>
JACK BRESLIN, <i>Secretary</i>	<i>East Lansing</i>
PHILIP J. MAY, <i>Treasurer</i>	<i>East Lansing</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 endeavors.

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

Now in its 112th year, Michigan State has grown from three buildings and six faculty members to one of the ten largest universities in the nation. It has approximately 2,500 staff members engaged in teaching, research and public service, 429 buildings, and 4,900 acres of land, including 1,440 acres in the campus and housing area and 420 more in planned 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 young people today. Michigan State now has the School for Advanced Graduate Studies and 13 colleges—Agriculture, Arts and Letters, Business, Communication Arts, Education, Engineering, Home Economics, Human Medicine, Justin S. Morrill, Natural Science, Social Science, Veterinary Medicine and the University College—which offer basic courses for all freshmen and sophomores. Nearly 200 areas of specialization are available to undergraduates; approximately 300 are offered for graduate students.

The Honors College, which enables superior students to waive normal graduation requirements and undertake individual programs, attracts many of the nation's finest young scholars. The Merit Scholarship Program, of which Michigan State University is a prominent sponsor, enrolled 212 Merit Scholars in this year's freshman class. This figure represents more than ten per cent of the nation's total of this unusually select group.

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

The "small college within the larger university" concept was advanced in 1965 by the establishment of the Justin S. Morrill College, which offers a limited enrollment liberal education program with an international emphasis. The college does not have departments as such, and attention is centered on quality teaching within small groups. In addition to an intensive program in foreign languages, the college requires sequences of study in the humanities, social science, natural science, a field of concentration, senior independent study, and electives.

Today, more than 35,000 students attend the University at East Lansing. About 80 per cent are from Michigan, representing every section of the state. Students also come from every state in the nation and 80 foreign countries.

Looking to the future, Michigan State University is preparing for increasingly larger enrollments as the great number of children born after World War II reach college age. To meet this challenge, MSU is revising curriculums and developing new teaching techniques through its Educational Development Project.

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. Some 1,700 individual projects are in progress. The University's research tools include the giant Control Data 3600 Computer, and a 50-million-volt cyclotron which began operations in 1965. Facilities completed recently include a \$6 million chemistry building, a \$5.2 million biochemistry laboratory, an \$862,000 psychology research building, and a \$4.7 million veterinary medicine building.

Through an agreement with the Atomic Energy Commission, MSU will become a national center for basic research on plants and their reactions to radiation. Involved is construction of a \$2 million building, a staff of about 90 persons and an annual budget of about \$1 million when the program is fully underway.

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

Michigan State University's land-grant concept of service is international. Supported by grants from the federal government and private foundations, Michigan State University maintains research and technical assistance projects at 21 educational institutions in Asia, Africa and Latin America. International projects have given many faculty members overseas experience, adding a new dimension to their teaching.

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

HONORARY DEGREE

MARTHA W. GRIFFITHS

Martha W. Griffiths — lawyer, legislator, uniquely distinguished public servant.

From the law to the Michigan legislature, from the Recorder's Court of the City of Detroit to the Congress of the United States, you have made an outstanding contribution to the public life of your city, state and nation.

You have risen to an exceptional position as the first woman to be named to the Joint Economic Committee and the House Ways and Means Committee at the heart of the financial legislation of our country.

As a member of these committees, you have demonstrated single-minded devoted capability, informed mastery of the most complex problems, and clarity and force of mind to set an example of the possibilities and promise in citizenship and civil rights for your fellow citizens.

For your dynamic knowledge of government, both theoretical and practical, for the outstanding service increasingly recognized by your colleagues, your constituents and the nation, for the continuing extension of the meaning of American democracy which you represent, Michigan State University confers upon you the degree of Doctor of Laws.

THE CANDIDATES FOR DEGREES

1966 CLASS ROSTER

This includes the names of candidates for degrees for March, 1966.

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

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES

WADDAH AKILI, Ph.D.

B.S., Robert College—Turkey; M.S., Notre Dame University
Civil Engineering. Major Professor: Orlando B. Andersland, Associate
Professor.
Thesis: Stress Effect on Creep Rates of a Frozen Clay Soil From the
Standpoint of Rate Process Theory.

LAWRENCE MASSUD ALEAMONI, Ph.D.

B.A., Westminster College; M.A., University of Utah.
Education. Major Professor: Robert L. Ebel, Professor.
Thesis: An Empirical Exploration of Three Possible Sources of Factorial
Variation.

RONALD LAVERN AUBLE, Ph.D.

B.S., Heidelberg College; M.S., Michigan State University.
Physics. Major Professor: William H. Kelly, Associate Professor.
Thesis: A Study of Nuclear Energy Levels in ^{121}Sb , ^{123}Sb , and ^{127}I
using B- and V-Ray Spectroscopy.

EDWARD C. BANKS, Ph.D.

B.Th., Emmanuel Missionary College; M.A., B.D., Andrews University.
Speech. Major Professor: Kenneth G. Hance, Professor.
Thesis: A Study of the Rhetorical and Homiletical Theory and Practice of
Dr. Gerald Hamilton Kennedy, Bishop of the Methodist Church.

LYSLE I. BENJAMEN, Ph.D.

B.S., U. S. Coast Guard Academy; M.S., Rensselaer Polytechnic Institute.
Business Administration. Major Professor: Rollin H. Simonds, Professor.
Thesis: An Application of Queuing Theory to Organization Growth.

ROBERT M. CARTER, Ph.D.

B.A., M.A., University of Michigan.
Speech. Major Professor: Kenneth G. Hance, Professor.
Thesis: Forum on the Bay: Oral Communication Aspects of the Bay View
Association: 1875-1965.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — Continued

- THOMAS W. CASSTEVENS, Ph.D. B.A., Reed College.
Political Science. Major Professor: Herbert Garfinkel, Professor.
Thesis: The Decline of the British Liberal Party: A Comparative and Theoretical Analysis.
- HUGH ALAN CHAIRNOFF, Ph.D. B.S., Drexel Institute; M.B.A., Florida State University.
Business Administration. Major Professor: Adolph E. Grunewald, Professor.
Thesis: The Market Behavior of Consumer Cash Instalment Credit Grantors: Theory and Case Study.
- JERRY LEE CHESNESS, Ph.D. B.S., M.S., Louisiana State University.
Agricultural Engineering. Major Professor: Ernest H. Kidder, Associate Professor.
Thesis: A Study of a Leaf Model Used in the Sprinkling Method of Freeze Protection of Plants.
- CHI KWUN CHYUNG, Ph.D. B.S., M.S., Michigan State University.
Metallurgical Engineering. Major Professor: Chuan T. Wei, Associate Professor.
Thesis: Nucleation of Deformation Twins in Zinc Bicrystals.
- MARY C. COLEMAN, Ph.D. B.S., Michigan State University; M.S., State University of Iowa.
Foods. Major Professor: Joe L. Saupe, Professor.
Thesis: A Student-Instructor Demonstration Laboratory Method vs. An Individual Laboratory Method in a Beginning College Foods Course.
- FREDERIC STEWART COLWELL, Ph.D. B.A., M.A., Michigan State University.
English. Major Professor: Sam S. Baskett, Professor.
Thesis: W. B. Yeats—The Dimensions of Poetic Vision.
- STUART OTIS DENSLOW, Ph.D. B.S., M.A., Michigan State University.
Geography. Major Professor: Lawrence M. Sommers, Professor.
Thesis: Spatial Aspects of Water Resource Problems in the Saginaw River Basin: A Case Study.
- WILLIAM MEERSE DEROO, Ph.D. A.B., Calvin College; M.A., Michigan State University.
Education. Major Professor: Gregory A. Miller.
Thesis: A Study of Relationships Between Counselor Personality and Counseling Behavior.
- ROBERT GRUBER DIENER, Ph.D. B.S., M.S., Pennsylvania State University.
Agricultural Engineering. Major Professor: Frederick H. Buelow, Professor.
Thesis: Some Mechanical Properties of Cherry Bark and Wood.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — Continued

HAROLD EVERETT DODDS, JR., Ph.D.

S.B., Massachusetts Institute of Technology.
Chemistry. Major Professor: Harold Hart, Professor.
Thesis: Alkylation of Phenol with 2,5-Dichloro-2,5-dimethylhexane.

RODRIGO DUARTE, Ph.D.

B.S., University of Narino (Colombia); M.S., Michigan State University.
Crop Science. Major Professor: M. W. Adams, Professor.
Thesis: Responses in Yield and Yield Components From Recurrent Selection Practiced in a Bean Hybrid Population at Three Locations in North and South America.

LARRY H. FELDMAN, Ph.D.

B.S., Brooklyn College.
Chemistry. Major Professor: James L. Dye, Professor.
Thesis: Kinetics of Electron-Attachment Reactions in Anhydrous Ethylenediamine.

RONALD L. HAUGEN, Ph.D.

B.S., M.S., Michigan State University.
Mechanical Engineering. Major Professor: Amritlal M. Dhanak, Professor.
Thesis: An Analytical and Experimental Study of Heat and Momentum Transfer in Turbulent Separated Flow Past a Rectangular Cavity.

HERBERT EDWARD HENDRY, Ph.D.

B.A., M.A., Michigan State University.
Philosophy. Major Professor: Gerald J. Massey, Assistant Professor.
Thesis: Expressive Completeness.

HAL WEIGEL HEPLER, Ph.D.

B.Ed., University of Toledo; A.M., New York University.
Communication. Major Professor: Erwin P. Bettinghaus, Associate Professor.
Thesis: The Ability of English Speakers to Respond to the Structural Cues of Written Language: Measuring Instruments.

HARVEY HERSHEY, Ph.D.

B.S., Eastern Michigan University; M.S., University of Michigan.
Education. Major Professor: Harold J. Dillon, Professor.
Thesis: Adult Education and Personality of Inmates of the State Prison of Southern Michigan.

JACKIE LEE HERVEY, Ph.D.

B.S., University of Minnesota; M.S., University of Nebraska.
Agricultural Economics. Major Professor: Lawrence W. Witt, Professor.
Thesis: The Effects of United States Cotton Export Policies on the Prices and Quantities of Raw Cotton Exported by Five Major Competitors—1950-1962.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — Continued

JOHN LLOYD HESS, Ph.D.

A.B., Franklin and Marshall College; M.S., University of Delaware.
Biochemistry. Major Professor: N. Edward Tolbert, Professor.
Thesis: A Study and Comparison of Glycolate Acid Metabolism in Tobacco and Green Algae.

DELMER M. HILYARD, Ph.D.

B.A., University of Denver; M.S., Kansas State Teachers College.
Communication. Major Professor: Gerald R. Miller, Associate Professor.
Thesis: One-Sided vs. Two-Sided Messages: An Experiment in Counter-conditioning.

VELDON M. HIX, Ph.D.

B.S., University of Idaho; M.S., Michigan State University.
Food Science. Major Professor: Albert M. Pearson, Professor.
Thesis: Determination of Specific Gravity of Live Hogs by a Modification of the Air Displacement and Helium Dilution Procedures.

LOUIS J. HOFMANN, Ph.D.

A.B., Calvin College; M.A., Michigan State University.
Education. Major Professor: William Farquhar
Thesis: An Application of the Multitrait-Multimethod Matrix to the Study of the N-Achievement Construct.

BENJAMIN TAMER HOURANI, Ph.D.

B.A., M.A., American University of Beirut.
Political Science. Major Professor: Joseph A. Schlesinger, Professor.
Thesis: Lawyers and Politics.

WAN-WANG HU, Ph.D.

B.S., National Taiwan University; M.S., University of Minnesota.
Agricultural Engineering. Major Professor: Ernest H. Kidder, Associate Professor.
Thesis: Hydraulics of Spatial Pipe Flow.

DELAYNE R. HUDSPETH, Ph.D.

A.B., M.S., Kansas State College.
Education. Major Professor: Charles F. Schuller, Professor.
Thesis: A Study of Belief Systems and Acceptance of New Educational Media with Users and Non-Users of Audiovisual Graphics.

ABDUL RAZZAK HUSSAIN, Ph.D.

B.A., Baghdad Higher Leader College; M.A., University of Chicago.
Geography. Major Professor: Paul C. Morrison, Professor.
Thesis: The Problem of Tribal Settlement in Iraq, with Special Reference to the Nomads of the Western Region.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — Continued

HILDA JAFFE, Ph.D.

B.A., M.A., Michigan State University.

English. Major Professor: William W. Heist, Associate Professor.

Thesis: The Speech of the Central Coast of North Carolina: The Carteret County Version of the Banks "Brogue."

PAUL S. JOHNSON, Ph.D.

B.S., M.S., Montana State University.

Forestry. Major Professor: V. J. Rudolph, Associate Professor.

Thesis: Vegetational Developments After Logging in Southern Michigan Xeric Oak Forests.

SESHADRI KANNAN, Ph.D.

M.S., Banaras Hindu University (India).

Horticulture. Major Professor: Sylvan H. Wittwer, Professor.

Thesis: Mechanisms of Foliar Absorption in Higher Plants with Special Reference to Iron.

RAYMOND L. KEIL, Ph.D.

B.S., Bradley University; M.A., University of Arkansas.

Education. Major Professor: John A. Fuzak, Professor.

Thesis: Factors Associated with the Effectiveness of Personnel in Positions Appropriate for Degree Level Industrial Technologists.

SHERWIN YALE KEPES, Ph.D.

B.A., M.A., Wayne State University.

Psychology. Major Professor: M. Ray Denny, Professor.

Thesis: Experimental Evaluations of Sensitivity Training.

BERNARD W. KLEIN, Ph.D.

A.B., Brooklyn College; A.M., University of Missouri.

Political Science. Major Professor: Charles Press, Professor.

Thesis: Political Partisanship in Four State Legislatures.

JOHN ANDREW KLEMPNER, Ph.D.

A.B., M.A., University of California.

Communication. Major Professor: Erwin P. Bettinghaus, Associate Professor.

Thesis: People Who Write In: Communication Aspects of Opinion-Letter Writing.

ISALAH J. KOPELMAN, Ph.D.

B.S., M.S., Technion, (Haifa, Israel).

Food Science. Major Professor: Irving J. Pflug, Professor.

Thesis: Transient Heat Transfer and Thermal Properties in Food Systems.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — Continued

- ELMER JOSEPH KUHN, Ed.D. B.S., University of New Mexico; M.A., University of New Mexico.
Education. Major Professor: Willa Norris, Professor.
Thesis: A Comparative Analysis of the Nature of Educable Mentally Retarded Adolescents' Expressed Level of Understanding of Selected Occupations.
- ARNE LARSEN, Ph.D. B.Sc., Landbohojskolen (Denmark); M.S., Michigan State University.
Agricultural Economics. Major Professor: David H. Boyne, Associate Professor.
Thesis: Changes in Land Values in the United States, 1925-1962.
- DIRK MAARTEN LEEUWRIK, Ph.D. B.S., University of Melbourne (Australia); M.S., Michigan State University.
Crop Science. Major Professor: Everett H. Everson, Professor.
Thesis: Culm Development and the Nature of Plant Height Differences in *Triticum vulgare* (Vill.) Host.
- ESTHER A. MARTIN, Ph.D. B.S., Mansfield State Teachers College; M.Ed., Pennsylvania State University.
Home Management. Major Professor: Jean D. Schlater, Associate Professor.
Thesis: Analysis by a Constructed Typology of Family Members' Values Evident in Managerial Decision Situations.
- JAMES ALLEN MCCLUNG, Ph.D. A.B., Wooster College; M.A., University of Kansas.
Speech. Major Professor: Frederick G. Alexander, Associate Professor.
Thesis: Dynamics of Interaction Patterns Among Industrial Foremen.
- JOHN EDWARD MERCER, Ph.D. B.S., Michigan State University.
Physiology. Major Professor: E. Paul Reineke, Professor.
Thesis: Purification of Bovine Blood Clotting Factor VIII (Antihemophilic globulin).
- GERARDO EDMUNDO NARANJO, Ph.D. Ing. Agr., Central University of Ecuador; Mag. Sci., International Institute of Agricultural Science (Turricilba, C.R.).
Education. Major Professor: H. M. Byram, Professor.
Thesis: The Graduate Program of the Inter-American Institute of Agricultural Sciences; An Evaluation of Certain Aspects Through a Follow-up of Graduates.
- STANLEY WIXSON OVAITT, Ed.D. B.M., M.M., Michigan State University.
Education. Major Professor: William H. Roe, Professor.
Thesis: A Study of the Optimum Size of the High School.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — Continued

LEONARDO A. PAULINO, Ph.D.

B.S., University of Philippines; M.S., University of Wisconsin.
Agricultural Economics. Major Professor: Lester V. Manderscheid, Associate Professor.
Thesis: A Recursive Model of the United States Domestic Soybean Market.

BELA EMERY PIACSEK, Ph.D.

B.S., M.S., University of Notre Dame.
Physiology. Major Professor: Joseph Meites, Professor.
Thesis: Studies on the Neuroendocrine Control of Gonadotropin Release.

ROGER W. RITZERT, Ph.D.

B.S., North Central College; M.S., Michigan State University.
Biochemistry. Major Professor: Harold M. Sell, Professor.
Thesis: The Biochemistry and Physiological Implications of Indole-3-Acetic Acid in the Developing Peach (*Prunus Persica*) Seed.

SHUNSUKE SAKURAI, Ph.D.

B.S., M.S., Kyoto University (Japan).
Civil Engineering. Major Professor: Shosei Serata, Associate Professor.
Thesis: Time-Dependent Behavior of Circular Cylindrical Cavity in Continuous Medium of Brittle Aggregate.

CARL WILLIAM SCHNEIDER, Ph.D.

B.A., M.A., Michigan State University.
Psychology. Major Professor: S. Howard Bartley, Professor.
Thesis: An Investigation of the Influence of the Interrelationship Among Certain Variables and Observer Criterion on Apparent Brightness Under Conditions of Intermittent Stimulation.

EDWARD ANDREW SEDOR, Ph.D.

B.A., Lake Forest College.
Chemistry. Major Professor: Harold Hart, Professor.
Thesis: The Kinetics and Mechanism of the Cyclodehydration of 2-Phenyltriphenylmethanols.

EZRA DAVID SHOUA, Ph.D.

B.S., University of Khartoum; M.S., Oklahoma State University.
Civil Engineering. Major Professor: George E. Mase, Professor.
Thesis: Effects of Confining Pressure on Polycrystalline Rock Behavior Analyzed by Rheological Theory.

SUPPIAH SINNADURAI, Ph.D.

B.S., Michigan State University.
Botany & Plant Pathology. Major Professor: Clifford J. Pollard, Assistant Professor.
Thesis: Major Factors Influencing the Use of Herbicides on Shallots (*Allium Cepa* L.) in Northern Ceylon.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — Continued

- DOROTHY J. SKRILETZ, Ph.D. B.A., M.A., Bowling Green State University.
Speech. Major Professor: Kenneth G. Hance, Professor.
Thesis: Bernard Shaw: Public Speaker.
- HARRY DOUGLAS STANBURY, Ph.D. B.S., Eastern Michigan University; M.A., University of Michigan.
Education. Major Professor: Harold J. Dillon, Professor.
Thesis: A Study of Adult Education Opportunities for an Underprivileged Community.
- THOMAS F. STARK, Ph.D. B.S., University of Minnesota; M.S., Southern Illinois University.
Education. Major Professor: Stanley E. Hecker, Professor.
Thesis: Pupil Adjustment Among Seventh Graders in Schools Organized Under Different Plans 8-4, 6-6, 6-3-3, 5-3-4.
- EARL CARL STEGMAN, Ph.D. B.S., North Dakota Agricultural College; M.S., North Dakota State University.
Agricultural Engineering. Major Professor: Ernest H. Kidder, Associate Professor.
Thesis: Characterization of Soil Aeration During Sprinkler Irrigation.
- DAVID PAUL SWANZY, Ph.D. B.M.E., Centenary College; M.M., Michigan State University.
Music. Major Professor: Robert G. Sidnell, Assistant Professor.
Thesis: The Wind Ensemble and Its Music During the French Revolution (1789-1795).
- SUDHAKAR SHANKAR THORAT, Ph.D. B.S., University of Poona; M.S., Kansas State University.
Sociology. Major Professor: James A. Beegle, Professor.
Thesis: Certain Social Factors Associated With the Adoption of Recommended Agricultural Practices by Rural Local Leaders and Ordinary Farmers in India.
- VYKUNTAPATHI THOTA, Ph.D. B.S., Osmania Agricultural College; M.S., Kansas State University.
Education. Major Professor: Harold J. Dillon, Professor.
Thesis: A Study of the Community Development Program in India.
- PATRICIA A. TRAVIS, Ph.D. B.S., Michigan State University.
Geology. Major Professor: Bennett T. Sandefur, Professor.
Thesis: An Analysis of Pleistocene Sediments in an Aquifer Recharge Area, Kalamazoo, Michigan.

SCHOOL FOR ADVANCED GRADUATE STUDIES

DOCTORAL DEGREES — Continued

STEVEN P. VITRANO, Ph.D.

B.A., Emmanuel Missionary College; M.A., Seventh-Day Adventist Theological Seminary.
Speech. Major Professor: Kenneth G. Hance, Professor.
Thesis: The Chicago Sunday Evening Club: A Study in Contemporary Preaching.

HOWARD BENJAMIN WEEKS, Ph.D.

B.A., LaSierra College; M.A., American University.
Speech. Major Professor: Kenneth G. Hance, Professor.
Thesis: A Historical Study of Public Evangelism in the Seventh-Day Adventist Church: 1900-1966.

GORDAN H. WELLS, JR.

A.A.S., State University of New York; B.S.A., M.S., University of Georgia. Food Science. Major Professor: L. E. Dawson, Professor.
Thesis: Tenderness of Freeze-Dried Chicken with Emphasis on Enzyme Treatments.

EDWARD KLINGENSMITH YEARGERS, Ph.D.

B.S., Georgia Tech.; M.S., Emory University.
Biophysics. Major Professor: Leroy Augenstein, Professor.
Thesis: Vacuum UV Excitation of Light Emission from Aromatic Amino Acids and Trypsin.

LEONARD E. ZEHNDER, Ph.D.

A.B., Central Michigan University; M.A., Michigan State University. Education. Major Professor: Peter G. Haines, Professor.
Thesis: Attitudes and Behavior Change in the Food Service Industry.

SCHOOL FOR ADVANCED GRADUATE STUDIES

EDUCATIONAL SPECIALIST

RICHARD JOHN GALLIEN, Ed.S.

B.S., Winona State College; M.A., Michigan State University.
Education. Major Professor: Charles A. Blackman, Associate Professor.

JOHN FRANCIS OLMSTEAD, Ed.S.

B.S., M.S., Michigan State University.
Education. Major Professor: Richard L. Featherstone, Professor.

ANNETTE RUTH TENELSHOF, Ed.S.

B.S.E., University of Michigan; M.A., Wheaton College.
Education. Major Professor: Willa Norris, Professor.

WALTON HARRIS VEURINK, Ed.S.

B.A., Wheaton College; M.A., Michigan State University.
Education. Major Professor: J. E. Jordon.

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Agricultural Economics

Brendan Kearney

Animal Husbandry

Samuel Harold Shanklin

Cooperative Extension Education

Perla O. Tagumpay

Crop Science

Donald Karl Myers

Cecil D. Nickell

Harlan Ray Stoin

Dairy

Curtis C. Miller

Fisheries & Wildlife

Jack Deverick Bails

Nicholas M. Inyang

Forest Products

Salustiano Segovia

Mirasol, Jr.

Horticulture

John Calvin Bouwkamp

Duane Wesley Greene

Resource Development

David Joel Reed

Soil Science

Govind Pailoor

John Clark Post

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Agricultural Communications

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Agricultural Economics

Birney Lee Crosby

Sidney Dan Stumpmier

Agricultural Mechanization

Thomas Ira Burenga

Lynn Richard Lietzke

Animal Husbandry

Joan-Ellen Cameron

Roger John Clark

George Paul Frisinger

Allen Floyd Parr

John Bruce Wiegand

Building Construction

Arthur Harry Buchman, Jr.

Thomas LeRoy Forthofer

Bertrum Allen Green

Del Thomas Halverson

Dairy

Maurice R. Bennink

Daniel Allen Berry

Larry Kent Crandall

Jerry Edison Good

Kenneth Ray Smith

Fisheries and Wildlife

Roy Alan Castle

James Raymond Cooper, Jr.

John Eugene Fletcher

Paul Roger Lamb

Jerry Wayne Neumann

Charles Brian Pullen

Robert Charles Wehrenberg

Vernon Charles Wilderspin

Jerry Lee Wolfe

Bernhard Reuben Ylkanen

Food Science

H** Roger Floyd McFeeters

Forestry

James E. Kincaid

Robert Chester Zimmer

Packaging

Harry Robert Ammon, Jr.

Paul Gordon Baskwell

Thomas Corrigan Doyle

William Elwood Fry

Robert Neil Klevorn

Richard William Lawton

Franklin Ellis Maxwell

Donald Edward Schmid

Robert Lester Schmidt

*Thomas Joseph Steiner

Phillip Foster Warren

Kenneth Charles Wiedbusch

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Leon Everett Fassett

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*James Paul Behnke

*Ronald Gene Eding

Alan Hampton Mandigo

Earl William Threadgould

Poultry Science

Edward Arnold Cogger

Ronald Ernest Mann

Resource Development

James H. Schreier

Soil Science

David Milton Diehl

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Donald Paul Butler

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Robert John Thomas

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*Fred Michael White

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Joseph Fiore Gentile
Harish Laxminarayan Verma
Civil Engineering
David Bruce Nelson
Farhad Tabaddor

Electrical Engineering
Michael Wesley Bird
Hugh Michael Flanagan
Dennis Charles Gassman

Mechanical Engineering
Lionel Eugene Anderson
Donald James Baker
Joseph Eli Cadoret, Jr.
Allan John Kuenzel
Charles Edward Quinby

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Lewis William Arend
Julio Cabal

Civil Engineering
William Timothy Lebel
Dale Allen Monteith
Roger Ten Eyck Stoll

Mechanical Engineering
Jerry Allen Barendreght
Kenneth Dale Bearup
Gerald William Drews
H* Charles Alan Hansen
George Paul Kalhorn
Robert Ernest Kirkman
Gordon Leo Klotz
Robert Edward Nickels
Charles John Provenzano
Ronald Edward Senor

Karl O. Thiele
*Joseph Michael Wollam

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H* Irvin Perry Schisler

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Institution Administration

Florencia Singson Lazo
Francisca Quiaoit Martinez

General Home Economics

Susan Tyrrell Meuche

*Home Economics with
Communication Arts*

H*Colleen Elizabeth O'Brien

Home Economics Extension

Marie Elaine Krauss

Interior Design

JoAnne Barbara Gierman
Beverly Etta Hastings
Gloria Paulette Kowalczyk
Gorden J. Shelp

*Retailing of Textiles
and Clothing*

Judith Ann Malmborg
Lynn B. Mellem
Sandra Joy Titus Nelson
Karan Darleen Siuru

DEGREE RECOMMENDED
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*Child Development and
Teaching*

Delphine Elaine Albertson
Carol A. Grossman
Julianne Weiskotten
Thompson

Home Economics Teaching

Carole Jean Mary Draysey
Judith Louise Dysart
Kathrine Marie Johnson
Elizabeth Jane LaBlanc
Vicki Sue Lighthiser
Janet Rae Marrs
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WILLIS W. ARMISTEAD, DEAN

DEGREE OF DOCTOR OF VETERINARY MEDICINE

Veterinary Medicine

Kenneth Allan Achterberg
Robert Edward Atwood
*Donald L. Buelke
Gordon Reffelt Currey
*Victor Lynn Eggleston
**Gretchen Legreid Flo
Carol Lea Hayes
Larry LaVern Jackson
Daniel Albert Kienitz

Eugene Howard Killam
*Richard Joseph Kociba
Richard Lumley Lanier
Joseph Edward LeBeau
Donald W. Lohman
David Lynn Luhring
Alan Wallace MacCarthy, Jr.
Andrew Stuart Moore
Rodney Lynn Pierson
David John Prieur

Lora Jeannette Robbins
Bruce Gordon Steinfeldt
William Pierce Tower
Jon Richard Vilhauer
**Wallace Erhardt Voeks
Joseph Andrew Watkins
Gary Lee Watson
Gerald David Watson
Thomas Robert Worfel
*Frederick A. Zydeck

DEGREE OF MASTER OF SCIENCE

Anatomy

Richard E. Bostrom

Pathology

Ernest Eugene McConnell

DEGREE OF BACHELOR OF SCIENCE

Medical Technology

Judith Kay Smith

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ALFRED L. SEELYE, DEAN

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Economics

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Louis Peter D'Agostino
Kenneth Gerald Elzinga

Duane Ernest Leigh
Thomas Casimer Marcin
Deborah Frances Pisetznier

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

Graduate School of Business Administration

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Paul Bankit
Donald Clarence Boone
Gerald George Burpee
Alan L. Erber
Donald Harold Gaffke
John Jerome Garber
Joel Howard Heath
John J. Hermann
Astor Eugenio Hexsel
Frederick Carl Huebner

Patrick Wesley Klein
Richard William Klym
Gary Charlton Knight
Henry Patrick Louppe
James Nelson MacBride, Jr.
Abdelhay A. Marie
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Joseph Gordon McCann, Jr.
Samuel Morris McClurg
William Emory McLeod
Don Arden Olson
Robert Alan Olstein
Richard Brock Parker
David Wesley Poole
Kent Cooper Rathbun

James Joseph Reilly
Burton Thomas Richards
Gonzalo T. Rivero
Gerald George Rosemas
Milton Clair Roskam
Raymond Dale Salati
Richard Frank Sauter
Robert Patchin Soutter
William Crystal Stickan
Aloysio R. Trabuco
Aysel Ustaoglu
Frederick Ronald Volkwein
William Joseph Walker
Fred Wechsler
Charles Edwin Zolper

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John Debergh
Richard Joel Fineberg
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Joseph Charles Nozicka
Dale Lee Nuyen
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Merrick Abner Richardson
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Max Henry Schuitema
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James Lyne Tesen
Thomas Lincoln Underwood
Wayne Hugh Wright

Economics

Peter C. S. Ho
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James Carlton Reed
* Jeffrey Arthur Roth

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James Allen Tiel
Larry Carl Tollstam

Executive Secretarial Administration

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Food Marketing

Allyn James Anthony
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Jay Russell Lerner
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Patrick Joseph Elmquest
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Dennis Michael Gacioc
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LeRoy Albert Hurley
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James Mitchell Klunzinger
Michael Paul Luck
Angus Andrew McGarvah
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Elmer Ernest Nagy
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Lloyd Philip Wagenschutz
Richard Harold Wellhusen
Patrick O. G. Wright

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*Robert L. Isaacson
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Edwin Stanford Landis
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John Richard Meyer
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John Roy Temple
William Clare Terrell
Larry Edward Trevethan
Dave G. VanHellemont
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Richard Peter Kolasa
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Remington James Purdy, Jr.
Don Charles Ruegg
Michael Luby Sturges
William Nelson Swallender

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Industrial Administration

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Gary Ray Babcock
John James DeCarli
Harold Lawrence Gariety
John Folke Hendrickson
Jerry Floyd Schwartz

Personnel Administration

Dennis Brian Dart
Duane John Harings
Allen R. Hesselbart
*Terrence Gale Kuchel
Ken LeRoy Murray

Restaurant Management

William George Frick, Jr.

Risk and Insurance

David Floyd Gardner

Transportation Administration

Richard Eugene Delong
H**Robert Lee Linhardt

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James Richard Covert
John Robert Cronin
Daniel John Dankoff
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Dennis Donnelly Dietz
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Anita Sylvia Liebl Olsson
Katherine Louise Phillips
Esther Jean Post
Bernard J. Raterink

Murl Edwin Rector
Edwin King Reuling
David Allan Reynolds
Russell P. Richmond
Gloria Lee Sage
Richard F. Schafer
James Alan Seguin
Gordon Louis Steinhauer
Joe Richard Storm
Helen Arlene Stuart
Donald James Swanson
Thomas David Temple
Loren Max Udell
Lillian Skadberg Upcraft
James Philip Van Eerden
Carole Lenahan Vincent
Shirley R. Walker
Theodore Hansen Weigel
Sherwood Lee Westveer
Gloria May Wickering
Henry Donald Wilson
Robert Wencel Wisz

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Rachel Elizabeth Baird
Eugenie Sue Bank
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Leslie Joanne Barton
Phillip Bechtol
Leslie Goldstone Bigelman
*Louise Esther Bode
Martha Ann Boutell
Sandra Lea Buckland
Ruth Ellen Bueker
*Leone Bust
Susan Jill Constantine
Pamela Strouse Currey
Barbara Ann Czubak
**Joy Fontaine Davis
H**Carol A. Dean
Ruth Ann DeBoskey
Grace Johnson Droste
Kathleen Ann Ehele
Jill Elizabeth Elsemore
Kathleen Carol Ermish
Susan Hover Ewald
Sandra Kay Ford

*Beverly Kay Forsythe
Rita Jean Genetti
Carole Drake Glover
Karen Marie Hemming
Janet Kay Henny
H*Susan Ingrid Helper
Karen Jane Hillman
Nancy Jane Jepson
Susan Beth Johnson
Parry Elizabeth Johnston
Kathleen M. Jones
Joan Lee Kennedy
Barbara Jean Kessler
H*Beverly Jane Knight
Mary Elizabeth Koshay
Dale Marie Kulkis
Ellen R. Landsman
Sharon Colette Larys
William Hugh Lobsiger
*Elizabeth Ann Marco
Dale F. Martin
*Emmalene Bass McConnell
Judith Anna Moline
Lynne Joyce Oppenheim
*Donald Roy Paradine
Pamela Rae Payton

Frances Dorothy Peabody
*Elaine Sue Piatak
Trudy Lucinda Putz
Susan Read
Judy Kay Ross
Mary W. Russell
**Beverly Jean Schaefer
Diane Edith Schradel
Lucile H. Sebeson
Diane Marie Sollinger
Linda Pearl Stchur
Carolyn Joan Stevens
Linda Harriet Stone
Sperry Lynn St. John
*Eva Lou Streets
Susan Steigelman Swanson
Nancy Carol Tamraz
Kay Louise Tews
Marsha Penny Toranto
H*Sharon Hoy Vance
H**Suzanne Maybee Viviano
Marsha Paulette Vohsen
Marie Louise Walsh
H**Mary Ann Warren
Sandra Lynn Wohlers
Bessie Georgia Wright

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Charles Edward Brown
*Richard James Buckmaster
Bruce Lloyd Daley
Doris D. Flowers
Wallace Alexander Juall
Robert Lenox Kauffman

Lars Otto Lande
James Gordon Lawrence
Stephen Theodore
Mellinger, Jr.
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Theodore D. Rohrer
Carl LaRue Salling
Marolyn Ann Snyder
Janet Bea Stanke

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Dan David Underwood
Mark Vander Jagt
Richard Harrison Wilt
Charles J. Woolson

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John Michael Greiner
James Henry Nothoff
Lawrence Joseph Tercha

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FRED S. SIEBERT, DEAN

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Communication

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Robert Franklin Keith
George Taylor III

Journalism

Gerald Janes Keir

Speech

B. James Alexander
Charles Hunter Lindsay

Television and Radio

Thomas Benton Bare
William Margraff Keely

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Advertising

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James Joseph Baldino
Loretta Bloom
Edward Joseph Bonneau
Brien Patrick Buckley
Donald Michael Buynak
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*John Terrence Greening
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Robert Neal Hoeksema
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Richard Allan Kamp
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Michael Dean Poling
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*Daniel Thomas Davis
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William Ross Pritchard
Bruce M. Smith

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William George Graf
Joseph Robert Hempstead
Steven Karl Meuche
Milton Arthur Mielke
Lawrence Dale Paquin
Margery-Jo Hannah Riggs
Robert H. Sager
Donald Andrew Saynor
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VanValkenburgh
Richard Charles Vincent
*Robert Edward Wheeler

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Speech

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Roberta Sue Friedman
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Donna Norton Moller
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Maria Theresita Canlas
Gaddi
Bruce William Hozeski
Frank Tolle Mason
Gloria Sepúlveda-Vazquez
George Wood Tuma
Peter James Zacharias

French

Alice Isobel Ahearne
Betty Lou Anderson
Ursula Karsten Franklin
Janet Louise Glass
Cornelia Miriam Murphy
Carol Pollock Seibert

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Linda Marie Madson
William Rumsey Parker
George Daniel Westover

German

Else Eleonore Andretz
Elfriede Elizabeth Tell
Gordon Walter Zakrisson

Spanish

Guillermo Ignacio Castillo
Armando González Pérez

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History

Louise Carol Smith

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Art

Judith Schiemann Hahn
Richard Raymond Kline

DEGREE OF MASTER OF MUSIC

Music Education

Caroline H. Lindberg

Music Theory

Loupatti K. Miller

DEGREE OF BACHELOR OF ARTS

Art Practice

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Ronald James Chase
Douglas John Cook
Marilyn D. Duffy
Kerry Lee Firth
Patricia Elizabeth Graves
David Joseph Kelly
Ann Marie Maurer
Mary Lynn Richter

Barbara Irene Smith
William Soutter Wallace

English

H* Judith Carol Avery
Whitney Palmer Schilling
H* Carol Sue Young

History

Barbara Jean Greene

Sharon A. Mitchell
*Mary Margaret O'Niel
Thomas Jesse Taft
*Chris Thomas Tisheff

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*Marylyn Jo Dyer
Suzanne Elaine Lirette
Gerald James Mundy, Jr.
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*Francoise Gabrielle Murray
Richard Everett
Van Steenburg

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Russian

H* James Richard McIntyre

Spanish

Linda Sue Aitken
Anselmo Landin Rodriguez

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Mary Gretchen Matise
Ellen Sue McGillivray
Saralee Pearl

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English

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Joseph Anthony Assaff, Jr.
H** Bonny Kate Burleson
H** Leslie Anne Collinson
H* Virginia Angelia Daugvydas
Leslie Cheryl Ectman
Linda Reichman Engstrom
Christiana G. H. Hes
Ronald Edward Machnik
H** Timothy Terrill Schobert
H** Susan Carol Shaffer
Barbara Anne Shriver

French

H* Carol Ann Clark
Susan Marie Pancheri
David Lawrence Shaub
H** Annette Marie Tool

German

Sedonia Lillian James
* Florence A. Vipond

History

William Morgan Ballagh
H** Nancy Seitman Colina
Kathryn McWhorter Gerts
Dennis Wayne Hybarger
Gary Wayne Johnson
Sharon Marie Kern
Nancy Mizner Krause
Daniel Angelo Marino
H** Linda Leigh Martin
Katherine June Walker
Arthur Eugene Wegienka

Latin

Margaret Kay German
* Joann Carol Parrinello

Spanish

Roxana Adrienne Alweis
* Susan Elizabeth Carbeck
Pamela Kay Smith

DEGREE OF BACHELOR OF FINE ARTS

Art Practice

Ieva Gezila Butterfield
* Kazuko Inove Guernsey
Gail Doris Startzman

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Art Practice

Alan G. Vigland

DEGREE OF BACHELOR OF MUSIC

Applied Music

Philip Francis Rehmus

Music Therapy

Martin Edward Chirgwin
Flonnie Marie French
Carl Carter Larson
Karen Ann Winship

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School Music Choral

Lee William Emig
Barbara Jean Lundy
* Robert Edward Peppel

* Carol Ann Joliff Robson
Donald Arthur Schramm
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School Music Instrumental

* Linda Petrillo Flahive
Bruce Paul James
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DEGREE OF MASTER OF ARTS

Mathematics

Harmon Caril Brown

DEGREE OF MASTER OF ARTS FOR TEACHERS

Biological Sciences

Tamera Gay Badenoch

Physics and Astronomy

Lolo Marangkup Panggabean

DEGREE OF MASTER OF SCIENCE

Biological Sciences

Robert James Williams

Botany and Plant Pathology

Frances Elizabeth Bekken

Geology

Christopher Paul Egan
Theodore Frederick Freers
Charles Howard Murrish
James Travis Whitaker

Physics and Astronomy

Angus Robert Cannon
Richard Wayne Peterson
John Michael Rich
Peter Lee Willson

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Frank Michael D'Itri
Jo McAdams Grimley
John Steele Perz
George Earl Vogel

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Irving Bernard Pupko

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Angele Mary Vial

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Gerald Marlowe Funk
Albert Kingman
David Diedrik McFarland

Entomology

Thomas Lee Burger

Microbiology and Public Health

Patricia Ann Flavin
Harold Charles Miller

Zoology

William Carroll Young

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Mathematics

Theresa McLaughlin Azzawi
*Catherine Millicent Sheap

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Mathematics

*Nancy Jane Carter
Susan Hare Cuttner

*Bette Lynn Joines
H*Mary Park McKeown
*Terry Lee Piatti
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Chemistry

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John Thomas Keating, Jr.

Geology

Michael William Barratt
James Francis Starrs

Mathematics

Roosevelt Mose Abood
H* John Theodore Baldwin
Jerry Michael Garwood
Thomas Allan Kent
Barry Wayne Meyerowitz

Microbiology and Public Health

H* Stewart Vincent Freeman
Carolyn Rae Hensler
Terry Robert Knowles
Louis Garner VanDaele

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Kathleen Martha Cofer
Rosemary Ann Curry
* Carol Fay Hamstra
Marjorie Joan Ogg

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Phillip Denis Smitley

Physics and Astronomy

Robert Francis Franciose
Lawrence Edward Hayward
H* Barbara Ann Kennedy
Louis Edward Mauget

Physiology

Stephen Lyle Cranfield

Statistics

John Raymond Smith

Zoology

H* Susan E. Anderson
H* Larry Carson Barton
Eckhard W. Bauer
* William Norbert Carroll
* Robert Keith Grazier
Victor Harley Gregory
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Sharon Lee Harsevoort
* Larry DeWayne Knapp
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* Carolyn Lee Satchwell
Marcia Funnell Smith
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Sandra Mary Stuckey
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Physical Sciences

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Zoology

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Nanda Kumar Chettri
Boonlert Rochanaluksana
Sunya Sunyavivat

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Kiyoko Kurusu
Norman Irving Lustig
Mary Louise McGovern
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Donald Joseph Willis

DEGREE OF MASTER OF SCIENCE

Police Administration and Public Safety

Russell Lynn Colling
Thomas Donald Gallie

Robert William Hocken
Hayes Carlton Larkins
Prospero Arellaho Olivas
William Richard Stewart

DEGREE OF MASTER OF URBAN PLANNING

James Russell Lightfoot

COLLEGE OF NATURAL SCIENCE

DEGREE OF BACHELOR OF ARTS

Anthropology

Richard Iuan Joannis

Geography

John Parker Pool

Political Science

Jon Juhani Aho

Ora Dominic Chidester

James Lumbert Cooley

Kent Dickinson

James C. Dillard

Michael David Golden

Janet Ann Hageman

James Mitchell Harris

Robert Hewett Hull

Brian Eugene Regis Keleher

Richard Dennis Letts

Thomas L. Mann

Charles Lloyd Maynard

Lynn Jay Olson

H* John William Page

*Priscilla Anne Price

Tania Romashko

H* Kay Roberta Spencer

Timothy Patrick Sullivan

David Michael Zynda

Psychology

Clyde Webster Allen

H* Laura Lee Avery

Linda G. Bohlsen

David Philip Bristol

Diane Cheryl Evans

Donald Albert Feinstein

Chester Michael Harris, Jr.

Molly M. Kent

William Fred Long

Lee Rex McCarty

Arthur Joseph Quincy, Jr.

Roberta Sue Shaeffer

Geography

Harley Randall Graves

David Stephen Sutlick

Landscape Architecture

Ben Harold Burns

Ronald Lawrence Draft

Susan Elizabeth Hoag

William Koval

Robert Matte

Gerald Erwin Peters

Terry Eugene Sherwood

Joseph Arthur Tashnick

*Roger Thomas Trancik

*Harry Gene Wierenga

Philip Raymond Young

Police Administration

James Penney Ayers

Thomas Neil Barnum

Nancy Christine Carter

Susan Lois Thirlby

H* Sheryl Marie Tyler

William Douglas Walker

H* Kathryn Marie Walters

Kenneth Alan Welt

Douglas R. Withee

Social Science

Robert Lee Alexander

Sara Elizabeth Benedict

*Phyllis Diana Betz

Alan Ethridge Black

Albert Milo Burger

*Ruth Elaine Busk

Carol Ann Cohagen

Stuart Martin Cox

Elaine Stadtfeld Ernst

Anthony Paul Filice

Samuel Raymond Hargraves

Michael Hoffman

*Joseph John Kalo

Bruce Alexander Knutzen

H. Bayard Leonard

Brian John Marek

Harlon Palmer McMilliam

Stephen Lewis Miller

Ronald A. Naylor

Theodore Paul Nuoffer, Jr.

George Robert Oakley

*Donald Lewis Phelan

Jerome Peter Reif

Shepherd A. Richard

Kenneth James Scarbeck

Jacqueline Anne Schmidt

David Allan Scott

Henry Edward Seaman

William Michael Sexton

Martha Evelyn Snell

*Gary John Takacs

Roger D. Denning

Cecilia Eileen Domzalski

Thomas Anton Gaffke

Larry L. Hofmeister

H* Thomas Alfred Johnson

Larry Thomas Lopshire

Marvin Edwin Mendyk

Lawrence Robert Nowery

Ronald Eugene Roush

Douglas Wesley Slade

H* Douglas Dunlap Szudy

*Larry Dean Winn

Psychology

Kenneth Eugene

Andrzejewski

*Robert Keith Avery

Curtis Leigh Bell

Douglas Alan Brunger

William Henry Carah

James Lawrence Carroll

Social Work

James Kenneth Abbe

Andrea Maccardini Alati

H* Elizabeth Ann Baker

Bobby Joe Blalock

Judith Allen Burch

Janet Lou Clark

Greta Jensen Dart

Carol Jeanne Keller

Geraldine Sue McKeon

Anne Carver Murphy

Kay Ellen Ohlrogge

Ruth Ann Pemberton

Myrna Jean Schiller

Susan Silvestri

Mary Kathryn Waltz

Sociology

*Elaine Carolyn Kern

John Robert Major

Jon W. Newman

*Rilla Ann Reinka

DEGREE RECOMMENDED

JOINTLY WITH THE COLLEGE
OF EDUCATION

Geography

*Charles Nathan Anderson

Social Science

*Shirley Kay Buchanan

Joella Marie Bury

Thomas Peter Farago

Wayne Allen Fries

Christina Diane Kaye

Dennis Larry Klender

Paul Kendall Rand

*Noreen Elizabeth Steinke

H* Robert Marcel Vercruysse

H* Emma Gene Vert

DEGREE OF BACHELOR OF SCIENCE

H Honors College
* With Honor
** With High Honor

RESERVE OFFICERS TRAINING CORPS

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

AIR SCIENCE

Raymond J. LaBenne
*Larry T. Lopshire

Dale L. Nuyen
David S. Sutlick

MILITARY SCIENCE

Armor
Theodore P. Nuoffer, Jr.
Robert C. Wehrenberg

Artillery
Stephen T. Willis
Corps of Engineers
*Lewis W. Arend

Infantry
Thomas F. Baird

Medical Service Corps
*Landis K. Crockett

Military Police Corps
Marvin E. Mendyk

Signal Corps
Michael D. Golden

Ordnance Corps
Wayne W. Guenther

Quartermaster Corps
Richard K. Klein
Angus A. McGarvah
Stanley E. Tipton
Jerry L. Wolfe

Transportation Corps
John A. Obrig

* Distinguished Graduates