

Dup Alchut

UA 13.1
March



COMMENCEMENT 1970
MICHIGAN STATE UNIVERSITY

THE COMMENCEMENT COMMITTEE

HERMAN L. KING, *Chairman*

JOHN G. LAETZ

LLOYD R. CHAMPION

GLENN PETERS
Student Representative

EVERETT R. EMINO

GORDON A. SABINE

HORACE C. KING

KERMIT H. SMITH

MADISON KUHN

DOYLE TARWATER
Student Representative

Following the close of the 1970 Winter term, approximately seven weeks are required to complete the processing of academic records and the preparation of diplomas. Based on this schedule, diplomas will be mailed in May, 1970.



COMMENCEMENT 1970

Sunday, March 15

University Auditorium, East Lansing

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

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

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

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

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

COLLEGE OF AGRICULTURE
AND NATURAL RESOURCES....*Maize*
Forest Products,
Forestry, Packaging*Russet*
COLLEGE OF ARTS AND
LETTERS*White*
Music*Pink*
Philosophy*Navy Blue*
COLLEGE OF
BUSINESS*Sapphire Blue*
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
HUMAN MEDICINE*Green*
JAMES MADISON COLLEGE..*Citron*
JUSTIN MORRILL COLLEGE..*White*
LYMAN BRIGGS
COLLEGE*Golden Yellow*
COLLEGE OF
NATURAL SCIENCE..*Golden Yellow*
Nursing*Apricot*
COLLEGE OF
SOCIAL SCIENCE*Citron*
COLLEGE OF
VETERINARY MEDICINE..*Dark Gray*

ORDER OF CEREMONIES

PROCESSIONAL

TRIUMPHAL MARCH *Grieg*
The University Symphony Orchestra,
conducted by GORDON MEHLING

AMERICA *Smith*

The Orchestra and Audience

PRAYER

THE REVEREND FRED GRAHAM
Justin Morrill College

ADDRESS

WILLIAM D. McELROY, M.A., Ph.D., D.Sc.
Director, National Science Foundation

SPECIAL MUSIC

LEONORE OVERTURE No. 3 *Beethoven*
The University Symphony Orchestra,
conducted by LEON GREGORIAN

CONFERRING OF DEGREES

CLIFTON R. WHARTON, JR., M.A., Ph.D.
President, Michigan State University

Music by the University Brass Choir
PROFESSOR DOUGLAS CAMPBELL, *Director*

ALMA MATER *Traynor*

M.S.U., we love thy shadows	When from these scenes we wander
When twilight silence falls,	And twilight shadows fade,
Flushing deep and softly paling	Our mem'ry still will linger
O'er ivy-covered halls.	Where light and shadows played.
Beneath the pines we'll gather	In the evening oft we'll gather
To give our faith so true,	And pledge our faith anew,
Sing our love for Alma Mater	Sing our love for Alma Mater
And thy praises, M.S.U.	And thy praises, M.S.U.
(The Orchestra and Audience)	

PRAYER

REVEREND GRAHAM

RECESSIONAL

KNIGHTSBRIDGE MARCH *Coates*
The University Symphony Orchestra,
conducted by GORDON MEHLING

The escorts for the procession are members of Mortar Board, Tower Guard and Alpha Lambda Delta,
honor societies for University 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 DON STEVENS, <i>Chairman</i>	<i>Okemos</i>
THE HONORABLE STEPHEN S. NISBET	<i>Fremont</i>
THE HONORABLE FRANK HARTMAN	<i>Flint</i>
THE HONORABLE CLAIR WHITE	<i>Bay City</i>
THE HONORABLE FRANK MERRIMAN, <i>Vice Chairman</i>	<i>Deckerville</i>
THE HONORABLE KENNETH W. THOMPSON	<i>East Lansing</i>
THE HONORABLE WARREN M. HUFF	<i>Plymouth</i>
THE HONORABLE BLANCHE MARTIN	<i>East Lansing</i>

CLIFTON R. WHARTON, JR., <i>Ex Officio, President</i>	<i>East Lansing</i>
JACK BRESLIN, <i>Secretary</i>	<i>East Lansing</i>
ROGER WILKINSON, <i>Acting 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 116th 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 3,000 staff members engaged in teaching, research and public service, 439 buildings, and approximately 5,000 acres of land of which 2,010 acres are in existing or planned campus development.

Founded in 1855 to educate youth for the major occupation of that day—farming—MSU has broadened its offerings to meet the educational needs of today. Michigan State now has the School for Advanced Graduate Studies and 15 colleges—Agriculture and Natural Resources, Arts and Letters, Business, Communication Arts, Education, Engineering, Home Economics, Human Medicine, James Madison, Justin S. Morrill, Lyman J. Briggs, Natural Science, Social Science, Veterinary Medicine and the University College. 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 200 Merit Scholars in this year's freshman class. This figure represents approximately seven percent 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 dormitories, now nine in number, a stimulating academic environment. Each of these halls is the center of curricular and noncurricular activities, creating a "college within a college" atmosphere.

The "small college within the larger university" concept was introduced recently 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.

MICHIGAN STATE UNIVERSITY

Today, nearly 41,000 students attend the University at East Lansing. About 80 percent are from Michigan, representing every section of the state. Students also come from every state in the nation and 85 foreign countries.

In the land-grant tradition it pioneered, Michigan State University is concerned with research and service as well as teaching.

All colleges and the Agricultural Experiment Station are engaged in a wide range of research. Approximately 2,000 individual projects are in progress. The University's research tools include the Control Data 3600 and 6500 Computers and a 50-million-volt cyclotron. Modern facilities include the following new buildings: chemistry, biochemistry, psychology research, veterinary medicine, plant science research, and natural resources.

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 construction of a \$2 million building, a staff of approximately 90 persons and an annual budget of approximately \$1 million.

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

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

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

HONORARY DEGREES

FREDERIC CHAPIN LANE

As a scholar, teacher and widely-recognized authority on Venetian history, you have had a deep and pervasive influence on your profession. In your classroom teaching at the Johns Hopkins University and in your definitive books on economic and maritime history, you have faithfully illustrated the virtues of meticulous scholarship and the uses of historical truth to bring meaning to our human condition. Because of your uncommon success and reputation, your colleagues have several times elected you to the presidency of this nation's major historical associations. Your diligence, enthusiasm and intellectual integrity have enabled you to illuminate, with both insight and wisdom, important areas of human thought and experience in our historical past. Because of your continuing dedication to humane learning and the valuable contributions you have made to the historian's art, Michigan State University is pleased to confer upon you the degree of Doctor of Humane Letters.

WALTER LEROY MALLMAN

In the half century since your graduation from this institution, then called the Michigan Agricultural College, you have fashioned a distinguished career as a teacher and research scientist in the field of microbiology and public health. Your colleagues at this university, as well as the many students who have been privileged to work under your guidance, attest to the enthusiasm, intelligence and humane purpose which have been the hallmark of your life and work. Despite the demands upon your time as a scholar and teacher, you have participated widely and effectively in professional organizations. Because you have such a deep concern for the welfare of your fellow men, you have written extensively for the education of the public and engaged actively in continuing education programs in public and environmental health. Your long and dedicated service has enriched the life of this institution and added much to its stature. And the eminence achieved by your students and their contributions to science reflect the high standards and sense of commitment you have brought to your profession. Because your valuable contributions to agriculture, veterinary medicine and public health exemplify the land-grant philosophy of teaching, research and service at its best, Michigan State University is proud to grant you the degree of Doctor of Science.

HONORARY DEGREES

WILLIAM DAVID McELROY

During your distinguished career as a biochemist, educator and administrator, you have exhibited not only the keen insight of the scientist, but also the compassion of the man dedicated to human welfare. Your eminence in your profession has been widely recognized by your colleagues, who have entrusted you with the leadership of professional organizations and scientific enterprises, culminating in your present position as Director of the National Science Foundation. Your many years of service as a teacher and administrator at the Johns Hopkins University reflect the initiative, wisdom and creative vision that have marked all your undertakings. Your authoritative publications on such topics as metabolism and the chemical basis of heredity and human development are notable expressions of scholarship that is both scientific and humane. Because of your intellectual integrity, your devotion to scientific truth, and your significant contributions to man's knowledge about himself and his universe, Michigan State University is pleased to confer upon you the degree of Doctor of Science.

EMIL M. MRAK

In the course of your outstanding career as a scientist, teacher and administrator, you have made notable contributions to the well-being of your fellow men. Your research in the field of food technology, which has brought you international recognition, is of great importance in man's unending struggle against poverty and disease. Because of your intellectual integrity and your accomplishments, you have received signal honors and awards from public institutions, and you have been a valued consultant and advisor to governmental agencies, foundations and corporate industries concerned with environmental health both here and abroad. In addition to your many activities and your leadership in professional organizations and conferences, you have been a devoted teacher and administrator. As a department chairman at Berkeley and more recently as Chancellor of the University of California at Davis, you have exhibited a gifted capacity for resolving the complex problems of educational administration. In recognition of the advancements which you have made in man's scientific knowledge and your significant role in improving higher education in America, Michigan State University confers upon you the degree of Doctor of Science.

THE CANDIDATES FOR DEGREES

1970 CLASS ROSTER

This includes the names of candidates for degrees for March, 1970.

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

SCHOOL FOR ADVANCED GRADUATE STUDIES

MILTON E. MUELDER, DEAN

CANDIDATES FOR THE DOCTORAL DEGREES

WALEED K. HASSAN AL-AGIDI, Ph.D.

B.S., Baghdad University; M.S., Oklahoma State University.
Soil Science. Major Professor: Eugene P. Whiteside, Professor.
Thesis: A Chronolithosequence of Soils on Pleistocene Terraces Along
Maple River in Northeastern Clinton County, Michigan, U.S.A. (Their
Morphologic, Genetic and Geomorphic Interrelationship).

ELDON WAYNE ASKEW, Ph.D.

B.S., M.S., University of Illinois.
Dairy and Institute of Nutrition. Major Professor: J. William Thomas,
Professor.
Thesis: Enzymic Aspects of Fatty Acid Uptake and Esterification by
the Bovine Mammary Gland.

CHARLES WILLIAM BAUER, Ph.D.

B.S., Ohio University.
Chemistry. Major Professor: Eugene LeGoff, Associate Professor.
Thesis: Part I: Studies of the Sodium Tungstate-Hydrogen Peroxide
Oxidation of 2-Substituted-1,3,5,6,7-Pentachlorobicyclo[3.2.0]Hepta-
2,6-Dien-4-Ones. Part II: The Reaction of Tetrachlorocyclopropene
With Polychloroethylenes.

RICHARD DOUGLAS BELL, Ph.D.

B.A., University of Saskatchewan; M.A., Michigan State University.
Education. Major Professor: William W. Heusner, Professor.
Thesis: The Effect of Physical Exercise and Electrical Stress on the
Production of Experimental Myocardial Necroses.

RONALD EDWARD BENSON, Ph.D.

B.A., Michigan State University; B.D., Drew University.
Arts and Letters, Interdisciplinary. Major Professor: Paul M. Hurrell,
Professor.
Thesis: The Development of Schleiermacher's Philosophy of Religion
in Its Cultural Context.

ALBERT JACOB BEUTLER, Ph.D.

A.B., Bethel College; M.A., Fuller Theological Seminary.
Education. Major Professor: Edward B. Blackman, Professor.
Thesis: The Founding and History of Bethel College in Indiana.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- JANE MARIE BINGHAM, Ph.D. B.S., Central Michigan University; M.A., Michigan State University. Education. Major Professor: Jean M. LePere, Professor.
Thesis: A Content Analysis of the Treatment of Negro Characters in Children's Picture Books 1930-1968.
- LOGAN F. BLANK, Ph.D. A.B., Lehigh University; M.S., Indiana University. Education. Major Professor: W. Harold Grant, Professor.
Thesis: Relationship Between Student Instructional Ratings and Student-Faculty Psychological Types.
- ROBERT JAMES BOEWADT, Ph.D. B.B.A., M.B.A., University of Michigan. Business Administration (Marketing). Major Professor: William J. E. Crissy, Professor.
Thesis: An Analysis of the Internal Sales Force as a Factor in the Design of Total Sales Strategy.
- PAUL HENRY BOONSTRA, Ph.D. A.B., Calvin College; M.A., University of Michigan; M.S., Purdue University. Education. Major Professor: Wayne Taylor, Professor.
Thesis: A Pilot Project for the Investigation of the Effects of a Mathematics Laboratory Experience: A Case Study.
- HAYWORTH LEE BRADLEY, Ph.D. B.A., North Carolina College; M.A., Michigan State University. Education. Major Professor: Clessen J. Martin, Professor.
Thesis: Verbal Concept Learning Among the Disadvantaged as a Function of Stimulus Predifferentiation.
- MARK LEE BRENNER, Ph.D. B.S., M.S., University of Massachusetts. Horticulture. Major Professor: Martin J. Bukovac, Professor.
Thesis: Mechanism of Naphthaleneacetic Acid Accumulation by Soybean (*Glycine Max* Merr.) Leaf Cells With Special Emphasis on Tissue Preparation and Viability.
- AMNON CASPI, Ph.D. B.A., Hebrew University; M.L.I.R., Michigan State University. Social Science. Major Professor: Daniel Kruger, Professor.
Thesis: Turnover of Local Union Officers: An Organizational Analysis.
- JOHN MACK TOWNSLEY CHAVIS, Ph.D. B.A., University of Toledo; M.A., University of Detroit; M.A., University of Chicago. History. Major Professor: Madison Kuhn, Professor.
Thesis: James Couzens: Mayor of Detroit, 1919-1922.
- DONALD A. CLELLAND, Ph.D. A.B., Calvin College; M.A., Michigan State University. Sociology. Major Professor: William A. Faunce, Professor.
Thesis: Occupational Composition and Community Structure: A Study of the Impact of Professionalization on Community Life and Stratification Patterns.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- DAVID TERRANCE COE, Ph.D. B.S., M.A., Central Michigan University.
Speech. Major Professor: Kenneth G. Hance, Professor.
Thesis: A Rhetorical Study of Selected Radio Speeches of Reverend Charles Edward Coughlin.
- MARY ELIZABETH CONNER, Ph.D. B.S., Adrian College.
Chemistry. Major Professor: Eugene LeGoff, Associate Professor.
Thesis: Part I: The Synthesis of Ethyl 3,3-Di-(4-Hydroxy-3,5-Di-Tert-Butyl)-Phenyl-2-Aminopropionate. Part II: Novel Reaction Products of 4-Hydroxy-2,3,4-Triphenyl-2-Cyclopenten-1-One.
- WILLIAM MORGAN CONNER, Ph.D. B.S., Ohio Wesleyan University; M.S., Michigan State University.
Mathematics. Major Professor: John Kinney, Professor.
Thesis: The Capacity and Ambiguity of a Transducer.
- JEROME THOMAS DURLAK, Ph.D. B.A., University of Notre Dame; M.A., Stanford University.
Communication. Major Professor: Hideya Kumata, Professor.
Thesis: Role Circumscription, Communication and the Modernization Process.
- RICHARD DAVID DUVICK, Ph.D. B.S., M.S., University of Illinois.
Agricultural Economics. Major Professor: John R. Brake, Professor.
Thesis: Alternative Methods of Financing Growth on Michigan Dairy Farms.
- BAHMAN EHDAIE, Ph.D. B.S., Ahwaz Agricultural College; M.S., Michigan State University.
Crop Science. Major Professor: Charles E. Cress, Assistant Professor.
Thesis: Evaluation of Single-Cross Selection Methods With Simulated Populations.
- CALVIN WILLIAM ENDERS, Ph.D. B.A., Adrian College; M.A., University of Michigan.
History. Major Professor: Madison Kuhn, Professor.
Thesis: The Vinson Navy.
- GARTH EDWARD ERRINGTON, Ed.D. B.A., M.A., Michigan State University.
Education. Major Professor: George Myers, Professor.
Thesis: An Analysis of Certain Factors Leading to the Predictibility of Success and Failure in Elementary Student Teachers.
- GEORGE EDWARD EVANS, Ph.D. B.S., M.S., Montana State University.
Horticulture. Major Professor: H. Paul Rasmussen, Associate Professor.
Thesis: Developmental Biology of Interclonal *Juniperus* L. Grafts.
- JOHN FREDERICK FIELDER, Ph.D. B.S., Michigan State University.
Education. Major Professor: Samuel A. Moore, II, Associate Professor.
Thesis: The Relationship Between Intensity of Belief and Level of Cognitive-Complexity.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- DAVID M. GEORGOFF, Ph.D. B.B.A., University of Toledo; M.B.A., Wayne State University. Business Administration (Marketing). Major Professor: Stanley C. Hollander, Professor.
Thesis: The Effects of Odd-Even Retail Pricing on Value Determination, Product Perception, and Buying Propensities.
- JOHN DAVID GILLAM, Ph.D. B.S., Ohio University; M.A., University of Michigan. Mathematics. Major Professor: Lee M. Sonneborn, Professor.
Thesis: Formations and Relative \mathcal{F} Normalizers.
- WILLIAM HARVEY GILLINGHAM, Ph.D. B.A., Northwestern University; M.S., Western Illinois University. Education. Major Professor: Buford Steffle, Professor.
Thesis: An Investigation of Examiner Influence on Wechsler Intelligence Scale for Children Scores.
- WILLIAM THOMAS GILLIS, JR., Ph.D. B.A., Rutgers University; M.S., Michigan State University. Botany and Plant Pathology. Major Professor: John H. Beaman, Professor.
Thesis: The Systematics and Ecology of Poison-ivy and Poison-oaks (*Toxicodendron*, *Anacardiaceae*).
- JORGE GIMENEZ DIXON, Ph.D. B.S., Michigan State University. Agricultural Economics. Major Professor: Harold Riley, Professor.
Thesis: An Economic Analysis of Range Improvement in the Cattle Breeding Area of Buenos Aires Province.
- THOMAS PATRICK GLEASON, Ph.D. B.S., M.A., Sp.Ed., University of Minnesota. Education. Major Professor: Cole S. Brembeck, Professor.
Thesis: Social Adjustment Patterns and Manifestations of World-mindedness of Overseas-Experienced American Youth.
- ROBERT GOODMAN, Ph.D. B.A., City College of New York; M.A., Michigan State University. Economics. Major Professor: Mordechai Kreinin, Professor.
Thesis: An Evaluation of the Effect of the Dillon Round on the Unit Value and Volume of United States Imports and Exports.
- ANDREW L. GOODRICH, Ph.D. B.S., M.S., Tennessee State University. Education. Major Professor: Max R. Raines, Professor.
Thesis: A Survey of Selected Community Services Programs for the Disadvantaged at Inner-City Community Colleges.
- LEWIS HARVEY GREENBERG, Ph.D. B.S., M.S., Michigan State University. Electrical Engineering. Major Professor: Julian Kateley, Jr., Associate Professor.
Thesis: Extended Simple Precedence.
- EARL MICHAEL HANSEN, Ph.D. B.S., Wittenberg College. Chemistry. Major Professor: James L. Dye, Professor.
Thesis: The Kinetics of the Reaction Between the Alkali Metals and Water in Ethylenediamine.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

RICHARD DRASNIN HARK, Ph.D.

A.B., Franklin and Marshall College; M.A., The Ohio State University.
Education. Major Professor: W. Harold Grant, Professor.
Thesis: An Examination of the Effectiveness of Coverant Conditioning in the Reduction of Cigarette Smoking.

LAWRENCE EUGENE HARRELSON, Ph.D.

B.A., M.A., Wayne State University.
Education. Major Professor: John E. Jordan, Professor.
Thesis: A Guttman Facet Analysis of Attitudes Toward the Mentally Retarded in the Federal Republic of Germany: Content, Structure and Determinants.

RICHARD E. HENSEN, Ph.D.

B.S., Central Michigan University; M.A., University of Michigan; M.A., Michigan State University.
Education. Major Professor: Vandel C. Johnson, Professor.
Thesis: A Study of the Academic Success of Transfer Students to Michigan State University From Selected Michigan Community Colleges.

DAVID EUGENE HERSHEY, Ph.D.

B.S., Michigan State University; M.A., Western Michigan University.
Education. Major Professor: Vandel C. Johnson, Professor.
Thesis: An Analysis of the Academic Achievement and Progress of Students Admitted to Michigan State University Through the "Summer Test Admit" Program, 1965-1969.

RICHARD A. HILES, Ph.D.

B.S., Clemson University.
Biochemistry. Major Professor: Richard U. Byerrum, Professor.
Thesis: The Chemistry and Biochemistry of Ricinine and Some Related Pyridine Compounds.

KEES CORNELIS HOFMAN, Ph.D.

A.B., Calvin College; M.A., Michigan State University.
Psychology. Major Professor: John R. Hurley, Professor.
Thesis: Marital Adjustment and Interaction Related to Individual Adjustment of Spouses in Clinic and Non-clinic Families.

GORDON LEWIS HOLLAND, Ph.D.

B.S., Northern Montana College; M.A., Purdue University.
Education. Major Professor: James L. Page, Professor.
Thesis: An Analysis of Current Freshman English Programs in Institutions of Higher Education.

MIN HOUNG HONG, Ph.D.

M.S., Michigan State University.
Electrical Engineering. Major Professor: Kun Mu Chen, Professor.
Thesis: Investigation of Open-Cavity Radiators.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

JIN-SHENG HUANG, Ph.D.

B.A., National Taiwan University; M.B.A., University of Georgia. Statistics. Major Professor: James Hannan, Professor.
Thesis: Equivariance in Compound Decision Problems and a Stability of Symmetrifications of Product Measures.

JAMES RAY HUNSLEY, Ph.D.

B.S., University of Illinois; M.S., Michigan State University. Biochemistry. Major Professor: Clarence H. Suelter, Professor.
Thesis: Kinetic, Binding, and Conformational Studies of Yeast Pyruvate Kinase.

TRIBHOWAN NATH JAIN, Ph.D.

B.Com., Hailey College of Commerce; M.B.A., University of California. Business Administration (Accounting). Major Professor: Bernhard C. Lemke, Professor.
Thesis: A Study of the Effects of Alternative Methods of Accounting for Income Taxes on Term Loan Decisions.

ERIC REINHARD JENSEN, Ph.D.

B.M., University of Colorado; M.A., Denver University. Education. Major Professor: Louis G. Romano, Associate Professor.
Thesis: Organizational Strategies: Selected New Colleges and Universities, 1965-1969.

DONALD ELMER JOHNSON, Ph.D.

B.S., Wisconsin State University. Chemistry. Major Professor: Christie G. Enke, Associate Professor.
Thesis: A Bipolar Pulse Technique for Fast Conductance Measurements.

ROBERT WARNER JOHNSON, Ph.D.

B.S., Michigan College of Mining and Technology; M.S., Michigan State University. Mechanical Engineering. Major Professor: Amritlal M. Dhanak, Professor.
Thesis: Heat and Momentum Transfer in Laminar Flow Past a Rectangular Cavity with Fluid Injection.

DAVID C. JUDKINS, Ph.D.

B.S., Ball State University; M.A., Eastern Michigan University. English. Major Professor: Joseph H. Summers, Professor.
Thesis: Studies in Seventeenth Century Political Poetry of the English Civil War.

C. MICHAEL KELLY, Ph.D.

B.S., M.S., Michigan State University. Chemical Engineering. Major Professor: Donald K. Anderson, Professor.
Thesis: Tracer and Mutual Diffusion in Several Isothermal Non-Ideal Liquid Non-Electrolyte Systems.

ROBERT DEAN KLASSEN, Ph.D.

B.A., Panhandle A & M College; M.A., University of South Dakota. Theatre. Major Professor: Elwin C. Reynolds, Professor.
Thesis: The Tent-Repertoire Theatre: A Rural American Institution.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- MATTHEW AARON KLEIN, Ph.D. B.S., Miami University; M.A., Western Michigan University. Education. Major Professor: Dale V. Alam, Associate Professor. Thesis: An Evaluation of the T.V. High School Project of the Detroit Urban Adult Education Institute and Michigan Blueshield.
- JAMES LOUIS KLEMM, Ph.D. B.S., University of Chicago; M.S., Purdue University. Mechanics. Major Professor: Robert W. Little, Associate Professor. Thesis: On the General Self-Equilibrating End Loading of a Solid Linearly Elastic Cylinder.
- ADRIAN LEO KLINE, Ph.D. B.S., University of Iowa; M.B.A., Michigan State University. Business Administration (Accounting). Major Professor: Gardner M. Jones, Professor. Thesis: Implications of Responsibility Centers for Successful Implementations of the Department of Defense Resource Management Systems.
- MARVIN EARL KONYHA, Ph.D. B.A., Kalamazoo College; M.S., Michigan State University. Agricultural Economics. Major Professor: Dale E. Hathaway, Professor. Thesis: Needs and Potentials for Escape from Poverty Through Retraining for Families in the Eastern Corn Belt.
- CHUNG LEE, Ph.D. M.S., Seoul National University. Crop Science. Major Professor: John E. Grafius, Professor. Thesis: The Inheritance and Mechanism of Resistance of Barley to Cereal Leaf Beetle, *Oulema melanopus* L.
- STEVEN LEVINE, Ph.D. B.A., Washington and Jefferson College. Biochemistry. Major Professor: R. Gaurth Hansen, Professor. Thesis: Chemical and Physical Characterization of UDP-Glucose Pyrophosphorylase from Calf Liver.
- LEONARD LIEBERMAN, Ph.D. A.B., M.A., University of California. Sociology. Major Professor: James B. McKee, Professor. Thesis: Labor Force Mobility in the Underclass: Opportunities, Subculture and Training Among Chippewa and Poor White.
- JOANNE H. LIFSHIN, Ph.D. B.S., Montana State College; M.A., Michigan State University. Psychology. Major Professor: Lucy R. Ferguson, Professor. Thesis: Conscience Orientation and Family Interaction in Early Adolescent Boys.
- FRITZ LOUIS LORSCHIEDER, Ph.D. B.S., University of Wisconsin; M.S., Michigan State University. Physiology. Major Professor: E. Paul Reineke, Professor. Thesis: Thyroid Function in the Lactating Rat, Cow, and Ewe.
- DHIRAJLAL DURLABHI MAKDANI, Ph.D. B.S., M.S., Gujarat University. Dairy. Major Professor: John T. Huber, Associate Professor. Thesis: Nutritive Value of Fish Protein Concentrate.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- JOHN MURWYN MASON, JR., Ph.D. B.A., M.B.A., Michigan State University.
Economics. Major Professor: John R. Moroney, Professor.
Thesis: An Econometric Analysis of Some Major Exogenous Determinants of National Output.
- PATRICK WELLINGTON McCARY, Ph.D. B.A., M.A., Michigan State University.
Education. Major Professor: W. Harold Grant, Professor.
Thesis: The Effects of Small Self-Understanding Groups on the Self-Concept and Anxiety Level When Group Composition Has Been Varied.
- ROY HOWARD McFALL, Ph.D. B.S., M.A., Drake University.
Education. Major Professor: Charles A. Blackman, Professor.
Thesis: The Living-Learning Concept in a University Setting as It Affects Student-Faculty Interaction and Student Performance.
- JOSEPH ARTHUR McKINNEY, Ph.D. B.A., Berea College; M.A., Michigan State University.
Economics. Major Professor: Mordechai Kreinin, Professor.
Thesis: The Economic Nature of East-West Trade.
- KENARD MCPHERSON, Ed.D. B.S., M.S., Illinois State University.
Education. Major Professor: Robert O. Nolan, Associate Professor.
Thesis: A Systematic Analysis of Traffic Education for Beginning Motorists.
- KENNETH RAY MECHLING, Ph.D. B.S., M.Ed., Indiana State College.
Education. Major Professor: Julian R. Brandou, Associate Professor.
Thesis: The Differential Adoption and Diffusion of Selected Elementary Science Curriculum Innovations Among Elementary School Teachers.
- ROBERT I. MENDELSON, Ph.D. B.A., M.A., Western Reserve University.
Political Science. Major Professor: Frank A. Pinner, Professor.
Thesis: Political Cynicism: A Comparative Analysis.
- DOUGLAS KERMIT MEYER, Ph.D. B.S., Concordia Teachers College; M.A., Wayne State University.
Geography. Major Professor: Daniel Jacobson, Professor.
Thesis: The Changing Negro Residential Patterns in Lansing, Michigan, 1850-1969.
- LOUIS MEZEI, Ph.D. B.S., McGill University; M.A., University of Toronto.
Psychology. Major Professor: Milton Rokeach, Professor.
Thesis: Race, Belief, and Perceived Social Pressure as Determinants of Interpersonal Behavioral Intentions.
- LEWIS WHITFIELD MONCRIEF, Ph.D. B.S., Texas Technological College; M.S., Michigan State University.
Resource Development. Major Professor: Milton H. Steinmueller, Professor.
Thesis: An Analysis of Hunter Attitudes Toward the State of Michigan's Antlerless Deer Hunting Policy.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- BARRY MARTIN MORIARTY, Ph.D. B.S., M.E., Massachusetts State College; A.M., Boston University. Geography. Major Professor: James O. Wheeler, Associate Professor. Thesis: Locational Preferences and the Pattern of Residential Change in the Lansing-East Lansing, Michigan, Metropolitan Area.
- ABDOLJALIL MOSTASHARI, Ph.D. B.S., Tehran University; M.S., Michigan State University. Chemistry. Major Professor: Donald G. Franum, Associate Professor. Thesis: Synthetic and Structural Studies on the 1,3-Diphenylcyclobutyl Cation. The Problem of 1,3-Orbital Overlap.
- ABDUL MUYEED, Ph.D. B.S., M.S., Dacca University; M.S., Southern Illinois University. Education. Major Professor: Stanley E. Hecker, Professor. Thesis: Strategies Evolved in a Development System of Planned Social Change in Rural East Pakistan: A Study of the Process of Institution-Building and Its Integration in the Politico-Administrative Structure.
- MURRAY W. NABORS, Ph.D. B.S., Yale College. Botany and Plant Pathology. Major Professor: Anton Lang, Professor. Thesis: The Growth Physics and Water Relations of Red Light-induced Germination in Lettuce Seeds.
- EDWARD BLAKE NELSON, Ph.D. B.S., Pennsylvania State University. Biochemistry. Major Professor: N. Edward Tolbert, Professor. Thesis: Glycolate Metabolism in Green Algae.
- RICHARD FRANKLIN NEWTON, Ph.D. B.A., M.A., Michigan State University. Education. Major Professor: Stanley P. Wronski, Professor. Thesis: An Epistemological Critique of the New Social Studies.
- EINER SALO NISULA, Ph.D. A.B., Western Reserve University; M.A., Michigan State University. Education. Major Professor: Edward B. Blackman, Professor. Thesis: Thought and Action in William James.
- HERNAN NUNEZ-ARELLANO, Ph.D. B.S., University of Chile; M.S., Michigan State University. Biochemistry. Major Professor: John C. Speck, Professor. Thesis: Lysozyme-Substrate Reactions and Hydrolysis of Glycosidase-Glycoside Models.
- GOVIND PAILOOR, Ph.D. B.S., Karnatak University; M.S., Michigan State University. Soil Science. Major Professor: Eugene P. Whiteside, Professor. Thesis: Variations in Cation Exchange Capacities of Some Representative Michigan Soils With Analytical Procedures and Their Relationships to Acidity, Clay Mineralogy and Organic Matter.
- JOHN THOMAS PARMETER, Ph.D. B.A., M.P.S., University of Colorado. Education. Major Professor: Samuel Moore, Associate Professor. Thesis: An Evaluation of an Introductory Course in Teacher Education.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- JOHN WILLIAM PATTERSON, JR., Ph.D. B.S., University of California.
Chemistry. Major Professor: William H. Reusch, Professor.
Thesis: Synthetic Approaches to the Tricyclo[7.2.1.0^{1,6}]Dodecane Ring System.
- MICHAEL KEMPTON PETERSEN, Ph.D. B.S., M.S., Michigan State University.
Zoology. Major Professor: Rollin H. Baker, Professor.
Thesis: Competition Between the Cotton Rats, *Sigmodon fulviventer* and *S. Hispidus*.
- ROBERT SUMNER PICKERING, Ph.D. B.S., LaCrosse State University; M.A.T., Michigan State University.
Education. Major Professor: John M. Mason, Professor.
Thesis: An Experimental Study of the Effects of Inquiry Experiences on the Attitudes and Competencies of Prospective Elementary Teachers in the Area of Science.
- VERNON RUSSELL POTTS, Ph.D. B.S., Evansville College; M.S., Indiana University.
Education. Major Professor: Louis G. Romano, Associate Professor.
Thesis: A Study of the Relationship of Professional Negotiations to the Administrative Tasks Performed by High School Principals in Michigan.
- DONALD EDWARD PRITCHARD, Ph.D. B.S., M.S., University of Illinois.
Dairy. Major Professor: Louis J. Boyd, Professor.
Thesis: Endocrine and Reproductive Changes in Dairy Heifers as Affected by Growth Rate and Melengestrol Acetate.
- JAGJIT SINGH PUNJATH, Ph.D. B.S., Punjab University; M.S., Cornell University.
Agricultural Engineering. Major Professor: Dennis R. Heldman, Associate Professor.
Thesis: Mechanism of Re-entrainment of Small Particles From Flat Surfaces in Turbulent Flow.
- ROGER WALTER PURCHAS, Ph.D. B.S., M.S., Massey University.
Food Science. Major Professor: Albert M. Pearson, Professor.
Thesis: Some Relationships of Growth Hormone Levels to Bovine Growth and Carcass Quality.
- JOSEPH STANLEY RAWLINGS, Ed.D. B.S., Hanover College; M.S., Butler University.
Education. Major Professor: David Smith, Professor.
Thesis: A Comparative Study of the Self-perceived Leadership Behavior of Public School Superintendents and Chamber of Commerce Executives.
- WILLIAM JOSEPH REAGAN, Ph.D. B.S., Boston College.
Chemistry. Major Professor: Carol H. Brubaker, Professor.
Thesis: The Preparation and Characterization of Some Tungsten(IV) and Tungsten(V) Complexes.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- ROBERT OLIVER RICHARDS, JR., Ph.D. B.S., Ohio University; M.A., University of Michigan.
Sociology. Major Professor: Philip M. Marcus, Associate Professor.
Thesis: The Growth of Administration Within Universities.
- RODERICK DAVID RIGHTMIRE, Ph.D. B.S., M.A., Boston University.
Speech. Major Professor: Kenneth G. Hance, Professor.
Thesis: CATV: A Regulatory History and a Survey of Attitudes of
Commercial Television Station Managers.
- WILLIAM CAREY RINGENBERG, Ph.D. B.S., Taylor University; M.A.T., Indiana University.
History. Major Professor: Harry J. Brown, Professor.
Thesis: The Protestant College on the Michigan Frontier.
- STEVEN A. ROTH, Ph.D. B.S., M.S., Michigan State University.
Chemical Engineering. Major Professor: Donald K. Anderson, Pro-
fessor.
Thesis: The Use of Hemodialysis in the Study of the Local Vascular
Effects of Potassium Depletion.
- SYAMAPADA SAHA, Ph.D. B.S., M.S., Calcutta University.
Botany and Plant Pathology. Major Professor: Norman E. Good,
Professor.
Thesis: Studies on the Sites of Photophosphorylation in Isolated
Chloroplasts.
- RICHARD ARTHUR SANTER, Ph.D. B.S., M.A., Eastern Michigan University.
Geography. Major Professor: Daniel Jacobson, Professor.
Thesis: A Historical Geography of Jackson, Michigan: A Study on the
Changing Character of an American City 1829-1969.
- ALBERT PETER SCAGLIONE, Ph.D. B.S., Newark College; M.S., Michigan State University.
Mechanical Engineering. Major Professor: Mahlon C. Smith, Associate
Professor.
Thesis: An Analytical Study of Turbulent Magnetohydrodynamic
Channel Flow.
- PAUL G. SCHAUBLE, Ph.D. B.S., Fairfield University; M.S., State University of New York.
Education. Major Professor: Norman I. Kagan, Professor.
Thesis: The Acceleration of Client Progress in Counseling and Psycho-
therapy Through Interpersonal Process Recall (IPR).
- DIETRICH HANS SCHLOBOHM, Ph.D. B.S., State University of New York; M.B.A., City College of New York;
M.A., Michigan State University.
History. Major Professor: Douglas T. Miller, Associate Professor.
Thesis: The Declaration of Independence and Negro Slavery: 1776-
1876.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- JOHN WILLIAM SCHRADER, Ph.D. B.S., Kansas State University.
Crop Science. Major Professor: William F. Meggitt, Professor.
Thesis: The Influence of Oil and Environmental Factors on Phytotoxicity and Foliar Penetration of 2-Chloro-4-Ethylamino-6-Isopropylamino-S-Triazine (Atrazine).
- YOUNG-OH SHIN, Ph.D. B.S., Yonsei University; M.S., University of Massachusetts.
Soil Science. Major Professor: Arthur R. Wolcott, Professor.
Thesis: Adsorption of DDT by Soils and Biological Materials.
- EARLE LAWRENCE SNIDER, Ph.D. B.A., M.A., University of Alberta.
Sociology. Major Professor: Philip M. Marcus, Associate Professor.
Thesis: Urban Integration: A Comparative Study.
- CHARLES STEVEN SOKOL, Ph.D. B.S., M.S., Brooklyn College.
Chemistry. Major Professor: Carl H. Brubaker, Professor.
Thesis: Part I: The Kinetics and Mechanism of the Decomposition of Aqueous Solutions of the Pentacyanocobaltate(II) Ion. Part II: The Kinetics of the Formation of Cobalt(III) Products From the Reversible Oxygen Carrier, μ -Peroxotetrakis(Histidinato)Dicobalt(III).
- JERRY GENE SOLLOWAY, Ph.D. B.S., Indiana University; M.Ed., University of Arizona.
Education. Major Professor: Max R. Raines, Professor.
Thesis: A Clinical Assessment of a Community College-Affiliated Guidance Center for Women.
- GHOLAM SORRWAR, Ph.D. B.S., M.S., Dacca University; M.S., Michigan State University.
Geology. Major Professor: Jane E. Smith, Associate Professor.
Thesis: Upper Cretaceous and Tertiary Ostracod Faunas From the Kohat District of West Pakistan.
- DIEDERIK LODEWYK
SPILLEMAECKERS, Ph.D. B.S., M.A., Michigan State University.
Comparative Literature. Major Professor: John A. Yunck, Professor.
Thesis: Reynard the Fox: The Evolution of His Character in Select Medieval Beast Epics.
- RICHARD PAUL STRATTON, Ph.D. B.S., M.A., Michigan State University.
Psychology. Major Professor: Donald M. Johnson, Professor.
Thesis: Response Hierarchies in Productive Thinking.
- ROGER PRIVETTE STRICKLAND, JR., Ph.D. B.S., M.S., University of North Carolina.
Agricultural Economics. Major Professor: Marvin L. Hayenga, Assistant Professor.
Thesis: Combining Simulation and Linear Programming in Studying Farm Firm Growth.
- MARY LEE SOUTAR TAYLOR, Ph.D. B.S., Michigan State University.
Nutrition. Major Professor: Dorothy A. Arata, Professor.
Thesis: The Influence of C¹⁴-Labeled Geometrical Isomers of Oleic Acid on Lipid Metabolism in Threonine Imbalanced Rats.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (*Continued*)

- LARRY WILLIAM THORNTON, Ph.D. B.A., M.A., Michigan State University.
Psychology. Major Professor: Glenn I. Hatton, Associate Professor.
Thesis: Effects of Repeated Infusions of Hypertonic Saline Solutions on the Electrical Activity of Hypothalamic Neural Units of Goats.
- PIE-YI WANG, Ph.D. B.S., National Taiwan University; M.S., University of Hawaii.
Agricultural Engineering. Major Professor: Dennis R. Heldman, Associate Professor.
Thesis: Heat Transfer During Pneumatic Transport of Spray-Dried Food Products.
- JAMES CLYDE WATSON, Ph.D. B.A., University of Colorado.
Chemistry. Major Professor: Max T. Rogers, Research Professor.
Thesis: An ESR Study of Radicals in Some Irradiated Single Crystals.
- J. B. WEATHERSPOON, Ph.D. B.S., Ft. Valley State College; M.S., Kansas State University.
Food Science. Major Professor: Robert A. Merkel, Professor.
Thesis: The Relationship of Some Anatomical and Physiological Characteristics of *Sus Domesticus* to Postmortem Muscle Properties.
- ALLEN SIDNEY WHITE, Ph.D. B.A., University of Maine; M.A., Ohio University.
Theatre. Major Professor: Erwin C. Reynolds, Professor.
Thesis: A Historical Study of the Development of the National Theatre in Great Britain From 1948-1968.
- RONALD CRAIG WILKINSON, Ph.D. B.S., University of Washington; M.F., Yale University.
Forestry. Major Professor: James W. Hanover, Associate Professor.
Thesis: Chemical Analysis of Species Relationships in Northeast American Spruces.

CANDIDATES FOR EDUCATIONAL SPECIALIST DEGREES

- MARY ESTHER ABBOTT, Ed.S. B.A., Michigan State University.
Education. Major Professor: Bob B. Winborn, Associate Professor.
- IRVIN STEARNS COBB, Ed.S. B.A., M.A., Michigan State University.
Education. Major Professor: David C. Smith, Associate Professor.
- LEONE BROOKS JENSEN, Ed.S. B.S., M.A., Northern Michigan University.
Education. Major Professor: Charles A. Blackman, Professor.
- OLIVIA IRENE LETTS, Ed.S. B.E., Chicago Teachers College; M.A., Michigan State University.
Education. Major Professor: David C. Smith, Associate Professor.
- GEORGE LEONARD MILLER, Ed.S. B.A., Albion College; M.Ed., Wayne State University.
Education. Major Professor: Charles A. Blackman, Professor.
- DONALD LEE PRIEST, Ed.S. B.A., Highland Park; M.A., Western Michigan University.
Education. Major Professor: James E. Heald, Professor.
- VIRGINIA M. SORENSON, Ed.S. B.S., M.A., Western Michigan University.
Education. Major Professor: Charles A. Blackman, Professor.
- STANLEY STRZALKOWSKI, Ed.S. M.A., Warsaw University; M.A., Michigan State University.
Education. Major Professor: John H. Suehr, Associate Professor.

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

LAWRENCE L. BOGER, DEAN

DEGREE OF MASTER OF SCIENCE

Agricultural Economics

William Byrd Baucom
John Augustine Connolly
Aslam Ghayur
Gerald Otis Jessup
Seong Woo Lee
Dale Joseph Menkhaus
Sulata Rudra
Lloyd Douglas Teigen
Pablo M. Torrealba
Kenneth Neal Wegenhoft

Agricultural Mechanization

Paul Andrew Pinkos

Animal Husbandry

Stuart Austin Lumb

Biochemistry

Randolph Thompson
Haviland
Paul Daniel Snyder, Jr.

Agricultural Business

Richard Douglas Byrum
Henry Frederick Ranke

Agricultural Economics

Douglas Gene Lewis
Thomas Gerald Slider

Agricultural Mechanization

Douglas Marvin Howe
Rex Carl Kohler

Animal Husbandry

Dixie Joyce Demorest
Lawrence Michael Downey

*Terry D. Frantz

*Philip Ellwood Higbee

Paul S. Miller

Charles William Noffke

Ann Louise Hallock Oddo

Joseph Simeon Switt

Building Construction

David L. Alvesteffer

Crop Science

John Barnard
Ronald Gene Shellenberger

Dairy

Sam Karingattil Varghese

Fisheries and Wildlife

John Rowland Gehring
Jeffrey Crosby Greene
Dean Paul Longrie
Phillip Terry Robinson
Kenneth Lee Stromborg
Ibrahim Hanafi Zeitoun

Food Science

Alvin Siegel

Forestry

John Henry Burde III
James J. Rau, Jr.

Keith Dwight Evans

Andrew M. Luzod

Michael John Mezzo

Leon Ray Nilson

Crop Science

Wesley Charles Edington
Maurice Robert Low
Carl George Moore
Ray Richard Weil

Dairy

Harry Brumer, II
Carl Edward Buchner

Fisheries and Wildlife

Barry Randel Burns
Burton Clyde Cebulski

H** Gary Alan Dawson

Verne Lee Driscoll

Paul John Grantz

Albert Massey

Gerald Thomas Penkszik

Horticulture

Larry James Bradford
José Miguel Fernández
Conrad Joseph Schweizer
Helen N. Siu

Park and Recreation

Resources

David John McCreery

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF ENGINEERING

Agricultural Engineering

James Leroy Drury
Manuel Leonardo Lecca
Rodriguez
Gonzalo Roa

Roger Edward Przybysz
Gregg Nelson Schuiling
Roger Paul Strobbridge

*William George Thomas

H** Louis Verner

Stanley Thomas Wood

Food Science

Michael George Bailo
Dennis Allen Liebold

Forestry

Arden Barry Corey
Thomas Martin Eisenmann
Paul Edward Hathaway
Patrick Michael Tracy
Daniel Frank Van Houten
Joseph F. Van Houten

Horticulture Science

Richard Carlton Crane, Jr.
**Marie Grace Justine Ewald
Keith Boyden Lowrance
**Gerald Lee Nyberg

DEGREE OF BACHELOR OF SCIENCE

H Honors College
* With Honor
** With High Honor

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

DEGREE OF BACHELOR OF SCIENCE

Lumber and Building

Materials Marketing

Gary Ray McQueary

Packaging

Thomas Paul Alberts
Sanford Preston Ames
Larry Ralph Buonodono
Richard Clare Bush
Don Raymond Button
Michael John Diroff
Janice Lynn Enck
David Lawrence Farhat
William Wallace Hand
Ford Henry
Ronald L. Johnson
Michael C. Kettelhut
John Merwin Krum

Richard Douglas LaFave
Andrew William Levenfeld
William Franklin Martens
Michael William Mirek
*Robert Vincent Parenti
Gregory Charles Pash
Patrick Jay Reddy
Robert Eugene Shaw
Charles Alex Soukup, Jr.
Don Lee VanderLaan
Russell Ray Young

Park and Recreation

Resources

Jan Blair Bronstad
**Vern J. Hartenburg
James Dee Lester
Cathie Jo McDonald

Soil Science

Michael Allen Hardy
Bruce Nelson Schreur

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Animal Husbandry

Rex Leatrea

* With Honor
** With High Honor

COLLEGE OF ENGINEERING

LAWRENCE W. VON TERSCH, DEAN

DEGREE OF MASTER OF SCIENCE

Chemical Engineering

Vinod Krishna Das
Sureshchandra Mansukhlal
Sheth

Civil Engineering

Gary Myles Kienzle
Mehdy Norouzy
Nakorn Plumchitchom
Choatichai Vaivong
Robert Peter Vallee

Electrical Engineering

Robert Kuginskie
Kam-Chi Li
Dipankar Nagchoudhuri
Pradhumankumar Shantilal
Zaveri

Mechanical Engineering

Joseph Harold Gill

Systems Science

Michael Howard Abkin
Nelson Adrian Blish
William David Hurley
C. F. Snyder, III

DEGREE OF BACHELOR OF SCIENCE

Chemical Engineering

Alan James Howard
Randolph Howard Seiss

Civil Engineering

William Jeffrey Archer
**Bruce Sherman Drake
Robert Langereis Masselink
Edward John Matthews
Mohsen Mohkam
Robert Allen Pedde
Albert James Rich
Rajinder Pal Singla

Computer Science

William Frederick
Morscheck

Mechanical Engineering

Ronald Robert Bazzett
*Bruce Gordon Bunting
Alan Devere Butcher
David John Greenough
H**Stephen Craig Keifer
Antonio Roberto Lacsamana
Shahram Razmyoush

Systems Science

Robert Thomas Reddall

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF AGRICULTURE
AND NATURAL RESOURCES

Agricultural Engineering

Albert William Arends
Bruce Lynn Johnson

COLLEGE OF HOME ECONOMICS

JEANNETTE A. LEE, DEAN

DEGREE OF MASTER OF ARTS

Child Development

Inez Marie Wilson

Home Management

Martha Lou Goss

Related Arts

Candace Lynn Babbitt
Michael Francis Young

Textiles and Clothing

Sally Jo Buys
Cherilyn Nell Nelson
Cheryl Ann Plumer

DEGREE OF MASTER OF SCIENCE

Institution Administration

Patricia Jean Sayed

Nutrition

Constance Maxine Parks

DEGREE OF BACHELOR OF SCIENCE

Community Services

Terri Lynn Kellstrom

General Clothing and

Textiles

Marlene Orloff

General Home Economics

Janet Elizabeth Cole
Gloria Dawn Girton
Mary Elizabeth Hennessey
*Elaine Hanley Hymans
Marion Elizabeth Johnston
Maureen Ann Miller

Interior Design

Linda Jean Hensleigh
Mary Elizabeth Polzin
Nancy Elouise Reisner
Linda Marie Sterner

Research in Foods and Nutrition

*Mary Kathleen Yadrick

Retailing of Textiles and Clothing

Paula Anne Ashendorf
Georgia Lynne Benney
Dianne Louise Benoy
Pamela Fuhro Donnelly
Carol Dudak
Marilyn Jean Fatt
Patricia Ann Frederick
Karen Lynn Hines
Sharon Dianne Jenks
H**Kathleen Marie Joseph
Judith Ann McNitt
**Millicent Louise Mick
H**Teresa Ann Sink
Sharon Andrea Thompson

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Child Development and Teaching

Mary I. Grubb
Beverly Sue Kagan
Caren Ilene Kanagur
Marilynn Katherine Miller

Home Economics Teaching

Marilyn Lee Britten
Barbara Bauer Burns
Marie Anne Hansen
Karin Ann Lusk
Amy Sue Parrish
Mary Lynne Richards
Karen Sue Richardson
Kay Audrey Richardson
Margaret Shidle Stockton
*Norma Bagley Tims

H Honors College
* With Honor
** With High Honor

COLLEGE OF VETERINARY MEDICINE

WILLIS W. ARMISTEAD, DEAN

DEGREE OF
MASTER
OF SCIENCE

Anatomy

David Otto DeFouw

DEGREE OF
BACHELOR
OF SCIENCE

Veterinary Medicine

**Jerilee Ann Connor
Claude Edward Curry
Robert Paul Dillon
*Frederick Thomas
Dolehanty

Ann P. Florio
Harold Charles Fritz
Peter William Granville
Alexander Dale Hall
Edward R. McCaslin
Robert H. Mills

Robert William Morrill
**Kenneth Charles Nash
**Lloyd James Nelkie
**Harold William Tvedten
Bernard Anthony Walulik
Neil Lyle Wilcox
Alan Chester Zezula

* With Honor
** With High Honor

COLLEGE OF BUSINESS

KULLERVO LOUHI, DEAN

DEGREE OF MASTER OF ARTS

Economics

Robert Wallace Anderson
Sirichat Chatsirivichaikul
Luiz de Oliveira Lima

Dwight Douglas Ebaugh
Dennis Udell Fisher
Evan Jones
Mufid Kury Harb

Gondy Bhaskara Rao
Shashi B. Sabherwal
Peter J. Schmidt
Ahmed Saleh Saab Twaijri

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

Ernesto Guilherme Ahrens
Thomas Robert Anderson
Sameer Hamed Banajah
Edison Rodrigues Barbalho
João Luiz Borsoi
John Patrick Burns
Charles William Chabot
Marc J. Chiolero
Steven D. Cornwell
John D. Correll
Roberto Siqueira Costa
Richard Rodney Davis
Glenn Edward Detrick
Dale Ray Faught
James Olin Fishbeck
Burton Mortimer Green, Jr.
Lillian Dolores Greene
Marvin Kenneth Hackett

Thomas Arthur
Higginbottom
David Mason Hollenbeck
William Alfred Hubbard
Murray Leigh Jackson
David Johnston
Patricia Karahan
James Edward Keenan
Thomas C. Kelly
Kenneth John Koster
Henry Benson Kretchmar
Kuniaki Kurama
Madan Raj Lalwani
Charles William Lawford
José Ribamar Linhares
Paul Vincent Luboyeski
Ronald F. MacDonald
Robert A. Martin
Robert Wesley McKee
Patrick Michael McQueen

Jaswant Raj Mehta
Miguel Antonio Moraes
Gordon Gunn Mosley
Patricia Ann Orsay
William Rowland Russell
Thomas Michael Schafer
Luiz Sergio Scherer
George Stevenson Smith
Lawrence Walton Sommer
Alain Florent Stempfer
George Carl Stump
Thongchai Suntivong
Ronald Lloyd Taylor
Usama Mohamed Hassan
Trabulsi
Alfonso Tredinick Brusco
Thomas Edward Urbaniak
Sitara Vasuratna
Somphong Wanapha
Motozo Yoshikawa

DEGREE OF BACHELOR OF ARTS

Accounting

Barbara Ann Cobb
Dale Lawrence Fitch
Robert A. Jaworski
Chris Ronald Koch
Gary James Krueger
*Richard Clair Rauch
Jon Wesley Robb
Lawrence Richard
Schrauben
Keith Edward Schrumpp
Henry Walbridge
Wolcott IV
Joseph John Yarabek

Economics

Richard Leo Allen
Gregory Evans Bradbury
Christer Stig Brodin

Eugene Timothy Buckley
Dale Alan Cramton
*Neil Stuart Cross
Marc Paul DeWitte
*Robert Charles Drury
Michael Lewis Fields
*Thomas Michael Mumby
David Byron Yancy

Financial Administration

Rex Phillip Bebow
David C. Cluley
Joseph Francis Drouin
Rodney Michael Lovas
Frank William Makarauskas
H* Morrison Martin Stevens
Kenneth Andrew Walz
*John Charles Williams

Food Marketing Management

Charles Richard Bonson

General Business Administration

Robert Carson Bentley
Daniel Norman Bielski
**Walter Peter Blass
Charles Donald Burch
**Charles Orville Butcher
Ronald Gary Cleveland
Gaar Paul Decker
Thomas Herbert Dobbie
Howard Mark Dubin
Zana Edward Easton
Donald Barry Elliott
Douglas Rudolph Fuehring

H Honors College
* With Honor
** With High Honor

COLLEGE OF BUSINESS

General Business

Administration (Continued)

Bruce Duncan Gorton
H. Thomas Haas
James Gregory Heckman
Michael Boardman Hoyt
Austin Jeffrey Jankens
Richard Harold Johnson
William Warren Kindl
John Russell King
Dennis Robert Lazar
**John H. Mickelson
William Edward
Montgomery
H*John Edward Oster
*Paul Weyant Pangborn
Larry Robert Parker
Glenn Richard Pascoe
**Thomas E. Ritter
Larry Lee Schlott
Norman B. Shaughnessy
Gerald Vernon Snider
Paul Mark Spencer
Edward Ronald Stadnika
James Andrew Welsh
Dennis E. Wepfer

Health Facilities

Management

Robert Ashton Moco
L. Brian Suter

Hotel and Restaurant

Management

John Charles Braden
Alvin Richard Dickens
Dale Ann Duesenberg
John D. Federbusch, Jr.
Antony Parker Hall
Donald Alan Luciani
Ken Ward McCleary
*Kathleen Palinski
Allen Keith Saylor
Laurence M. Silver
David Allen Simpson
James Kent Smith
James William Uhrick

Industrial Administration

Lynn Albert Cook
Gary Robert Maki
Donald Lee Musselman
**Thomas August Nounsaine
David Wayne Olney
Earl Richard Salo

Marketing

Gregory Orville Bertelsen
Gregory Elliott Bommarito
David Michael Clapper
Michael Andrew Clogg
Robert Eugene Davis
Daniel Arthur Dill
Terrance James Fortino
*Deborah Louise MacDonald
Federico Irving Sánchez
Michael L. Taylor
Ernest Horst Tuchscherer
Kenneth John
VanderHoff, Jr.

Office Administration

Gail Ann Eberts
Patricia June Mann

Personnel Administration

*Nedjma Ida Aouate
Leslie Chaney Corneliussen
David James Greer
David E. Martin
John Ivan Whaley

Restaurant Management

Margaret Mary Wood

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Business and Distributive

Teacher Education

Dennis Lynn Atkinson
Diane Kay Rooney
Goschka
Penelope Jean Granquist
*Ann H. McCall
Denise Caroline Meinhard
George Alan Pittenger
Margaret Helen Robinson

Economics

*Arthur William Matthews

DEGREE OF
BACHELOR
OF ARTS

COLLEGE OF EDUCATION

JOHN E. IVEY, JR., DEAN

DEGREE OF MASTER OF ARTS

Education

Harold Merrill Averill
Sharon Lee Bailey
Irene Mary Baker
Roberta Gene Barnard
Minerva Marie Bashara
Harold Warren Beebe
Donald Harold Beemer
Elizabeth Anne Bennedsen
Janet Marlene Bentley
Jongkon Bhodivihaga
Jimmie Jerry Bischoff
Thomas Ronald Bodalski
James Arthur Bohn
Richard L. Bowzer
Mary M. Boynton
Orchid L. Brown
Mary Ellen Buckley
Dorothea Mae Cadwallader
Eunice Calhoun
Gregory Lee Canterbury
Judith Marie Coon
Dorothy L. Coons
Geraldine Morrison Corbett
Frances Marsh Cox
John Martin Cox
Michael A. Davino
Diane Arlene DeRose
Mae L. Desper
Jack Lowery Dick
Sandra Cuz Donaldson
Thomas Charles Drahnak
Gary Wayne Durow
Roger George Dykstra
Kenneth Charles Erickson
Mildred Britt Espy
Eva Lois Evans
Emily Rose Foster
Suzanne Richardson Fyke
Robert J. Gabridge
Frances Laura Gibney
Ann Hoven Goedert
John Edward Goldner
Elaine J. Haglund
Earl Floyd Hagstrom, III
Richard John Halik
Grace Kelly Haney

Earl Harvey
Jeffrey Wayne Hatter
Kaye Georgina Hausbeck
Harry Faren Heiser
Laura Mae Henderson
Bessie Miles Hetrick
Ellen Heyting
Mary A. Higby
Paul A. Hill
Kathleen Ann Hoard
Harry Allen Hochstetler
Walter Don Hollums
Robert Wellington
Hopkins, Jr.
Marvin Lee Ilbrink
Neyde Jorge Isaac
Andrew Jackson
James Ennis Jennis
Sarah Eugenie Johnston
George Robert Johnstone
Edward Frank Kalinowski
Gene Frederick Karrow
Elna Marie Kempff
Paula R. Knepper
Isabelle Regina Kukucionis
John Edwin Lapp
Carol Joy Lappin
Donald Edward Lennon
Donald Levy
Judith Mary Loncar
John A. Malacos
Maggie Davis Martin
Donna Jean Menzies
Eugene Lawrence Meyer
William Connell Mielke
Marilynn Mikolusky
Charles Harold Mitchner
Mary Rebecca Moore
William Eugene Morrison
Edwin Bateman Morse, Jr.
Robert Walter Murphy
Roland D. New
Marvin Michael Nolley
Donna Kay Noyes
Paul Basil Olinger
Jack Douglas Oliver
Royal Eben Olson

Roland Alphonso Paul
Kowit Pravalpruk
Marvin Keith Pulver
Katherine Ann Radcliffe
Simon John Reiner
Barbara Jean Roberts
Peter Allen Roberts
Samuel W. Roth
John Thomas Ryan
Mary Catherine Ryder
Howard George Sawicke
Ronald Leslie Schneider
Steven Jerome Schott
John David Schulz
Albert John Shinkel
Thomas Anthony Shostak
Patricia Ann Skinner
Emily Marie Smith
Floyd Ralph Smith
Dawn Lanette Sockol
Sor Wasna Somswasdi
Doris Mae Sponseller
Andrew George Spotts
Paula Lee Stark
Warren William Starr
Bonnie Jean Steller
Marvin Jay Tans, Jr.
James A. Tate
Russell J. Thomas
Thomas Lyle Thorburn
Esam M. Trabulsi
Alan Jay Traines
Jana Mara Vedejs
Angela Marie Vivadelli
Gary Wynn Wakenhut
Pearlena S. Wallace
James Stephen Walton
Louberta Weathersby
Benjamin Charles Webb
Lauri Jo Ann Weeman
Donna Gale Weinberg
Lois D. Wiedbrauk
Florence M. Wilcox
Christine Thompson Wilson
Judy Ann Wing
Gloria Jean Woodard
Randall L. Zech

COLLEGE OF EDUCATION

Elementary Education

- *Carol Elaine Abbott
- Pamela Sue Anderson
- Linda Lee Appel
- Sandra Lee Armbruster
- Carolyn Louise Ashe
- Nola Jane Atwell
- Cynthia Ann Ballweg
- *Susan Elizabeth Bares
- Maria Geraldine Behrens
- Patricia Ann Bendokaitis
- Linda Mary Blake
- *Linda Lee Block
- Andra Wolin Blum
- Barbara Jean Bowman
- Catherine Jean Brace
- Lynda Ann Bradstreet
- Brenda Gayle Brady
- Denise Ann Broome
- Mary Joan Burke
- *Wesley Lyndon Carlson
- Hollis Margaret Church
- Carolyn Alice Collins
- *Marilyn Dale Collins
- Ashley Lynn Compeau
- *Margaret Ellen Cortright
- Neva Joan Curtis
- Cynthia Anne Czapran
- *Charlene Jean DeBaske
- *Martha Jane Demmon
- Ellen Lee Dempsey
- Robert Roy Disbro
- *Sherry Wells Downer
- *Carla Mary Ducat
- Ellis Duckett
- Pamela Ann Dudash
- *MaryJo Duffield
- Lavelle Grace Eaton
- Rita Leah Ellis
- Linda Kathleen Emrick
- Nancy Ferguson
- Cherie June Fish
- Karen Mae Forbord
- Carol Susan Frank
- Patricia Suzanne French
- Ann E. Gathmann

- Pamela Finley Gieszer
- *Hannah Jean Goble
- Lois Edna Gies Gottleber
- Jacquelyne Marie Green
- Lois Kaye Greenleaf
- Ella Marie Gregoricka
- Cynthia K. Gridley
- *Nancy Jane Griffiths
- Cynthia Sue Gumtow
- Lynda Jean Gustke
- Kathleen Ann Guthrie
- Barbara Jean Hamilton
- Mary Billips Hamilton
- H* Susan Mary Hamilton
- Leslie Hammelef
- Ann Marie Heafey
- Janet Elaine Heim
- Katherine Ann Hilbush
- Diana Sue Hill
- Gayle Mary Hirvela
- Kathleen Faye Hoffman
- Evelyn Anne Holmes
- H* Mary A. Holt
- Julia A. Hukill
- Andrea Gwynn Hutchins
- Sandra Eugenia Jackson
- *William Randall Jacobs, Jr.
- *Constance Louise Janiga
- Nina Jean Jones
- Suellen Keller
- Luann Mary Kosa
- Stacey Ann Kuzma
- H* Carol Jean Leonard
- Shirley Ann Lewinson
- Florence P. Lonier
- Thomas Gordon Lyons
- H* Lois Jean Mance
- Karen Jayne McCullough
- Erin Patrice McKenna
- Karen Lee McPherson
- Jane Elizabeth Meyers
- Sandra Ann Miller
- Mariann Mojzis
- Linda Joy Morgan
- Grace Louise Morlock
- Kathleen Ann Munn

- Dorothy Alona Murray
- *Karen Joan O'Donovan
- *Gale Spencer Owen
- Olga G. Pascalenos
- Martha Jean Payton
- Roger Webster Putnam
- H* Taffy Elizabeth Raphael
- Beth Ellen Rawsthorne
- Patricia Sue Rogers
- *Karen Marie Salmon
- Yvonne Viola Schaudt
- Deidre Ellen Schuck
- Shawn Merrilee Schwyn
- Susan Gale Sersen
- Edith Vines Shepard
- *Marjorie Kaye Sherburn
- Joyce Elaine Sherwood
- H* Patricia Jean Shiley
- H* Ann Bobbie Shinnick
- Peggy Jo Shook
- John Francis Sklepkowski
- *Arletta V. Smith
- Bina Hazel Snider
- Mary Kathryn Starkel
- *Cynthia Jane Stice
- Kathy Jean Swigert
- Sandra Lynn Tanji
- Calvert Bowie Thomas
- Linda Marie Torossian
- Perra Gail Unger
- Hazel Reeder Vaughn
- Carol Lee Wagner
- Helen Hill Waisanen
- Stephanie Ann Warren
- Judith Elsa Watlington
- Deanna Jeanne White
- Anne Carol Wieland
- Linda Alice Wilburn
- Charles Wyeth Will
- *Myles Leroy Willard
- Lorraine Carol Williamson
- Rosanne Marie Wodele
- Lynnda Marie Wood
- Patricia Anne Yarnold
- Gloria Sue Yeager
- *Stephen Lincoln Youngs

DEGREE OF BACHELOR OF ARTS

Health, Physical Education and Recreation

- Sharon Ann Angus
- *Kathleen Edington Badgley
- John Maudsen Beck
- *William John Breckenfeld
- Alice Marie Christensen
- Gerry P. Congleton
- Timothy Douglas Culver
- Chris Gordon Davenport

- Eldon G. Grabemeyer
- Thomas Woodruff Kreft
- Robert Paul Lange
- Jill Leigh MacNaughton
- Terry Wyon McClelland
- Kenneth E. Morrell III
- Kurt Louis Reinhardt
- Molly Margaret Sapp
- *Suzanne Mabel Sebastian
- Edward Skotarek
- Jeffery Lynn Smith

- Stephen John Tuma
- Terry R. VanAntwerp
- Leslie Ann Wilson
- Arlene Sharon Zmich

Industrial Arts

- James L. Kackley
- *Dan Preston
- Gregory Mark Veltman
- Donald Frederick Vokits

H Honors College
* With Honor
** With High Honor

COLLEGE OF COMMUNICATION ARTS

JACK M. BAIN, DEAN

DEGREE OF MASTER OF ARTS

Advertising

James Thomas Ardito
Howard Neil Gabe
William Spencer Hinds
Kazuaki Kawaguchi
Gary Eugene Opperman
David Bernard Ryan
David Irwin Strauss
Richard David Theis

Audiology and Speech Sciences

Stephanie Mitchell Bates
Marjory H. Deiter
Carole Ann Faught

Communication

Jeanne Ching-chen Kuo

Journalism

Elizabeth Emme Brenner

Television and Radio

Steven Karl Meuche
David Rich Sleeper

DEGREE OF BACHELOR OF ARTS

Advertising

Valerie Camille Alberts
Gary David Baker
Linda L. Boulton
Guy Clifton Conkle
Mark LeRoy Doble
Kenneth William Ehlen
David Yarrows Flouton
Hal Keith Gitcho
Gary R. Gray
James Wesley Heckman
Dennis Lee Hill
Thomas James Hooper
Daniel G. Hungerford
Daryl Kenneth Lambert
H**Mari Jo McEachern
Craig Walker McTyre
Stephen James Nordberg
Douglas Patrick Parrish
Roger L. Taskey
Gwen Elizabeth Van Dorp
**Barbara Anne Vucich
Kathryn Breen Weaver
†*Barbara Ellen Woodward

Audiology and Speech Sciences

**Teresa S. Beachy

Communication

Richard James Byrd
Harold Joshua Etkin
Paul John Graf

**Diane Denise Matthews
John Frederick Roper
James Christian Strong
**Kathleen Joy Walsh

Journalism

Denice A. Anderson
Donna Mae Cummings
Scott Russell Kingan
Bruce Phillip Miller
*Kathlyn Elice Oakley
Drew Lance Roberts
James Whitney Sibley, III
Frederick William
Stabley, II

Television and Radio

*Jerold Ernest Bruns
Richard E. Caplan
Raymond Ciro Carbone
*Donald Mac Lellan Findlay
Michael Joseph Gallagher
*Alfonso Eduardo Godoy
Chris Newell Helmbold
Robert Kenneth Hoover
Tonnie Cheerie Kissee
Robert John Kurtz
David Ernest Laura
Judith Anne Littleton
Ruth Ann Miller
David Christopher
Montgomery
H**Robert H. Prisuta
Sandra Kay Shellfish

Theatre

William Alvin Seeley
*Francis Ray Turner

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Audiology and Speech Sciences

Rebecca Jo Anderson
*Gail Ann Huhta
H**Julie Ann Joldersma
Jacqueline Edwards Kemp
Lorinda Jean Kohn
Kristine Rae Koster
**Joyce Lynne Trimble
Kathleen Doris Wrock

Communication

*James Emil Bethke
Michael Joseph Blake
*Cassandra Lou Book
Joaquin Victor Garcia
*Jess Otis Larson
H**Everett William McCarley
Sherry May Sams

Theatre

Sharon Beth Ehlinger
Thomas Katosic
Kathleen Salay
Janis Louise Showalter

H Honors College
* With Honor
** With High Honor
† Posthumously

COLLEGE OF ARTS AND LETTERS

RICHARD E. SULLIVAN, DEAN

DEGREE OF MASTER OF ARTS

Art Education

Mary Waddell Baker
Wilson Edward Thompson

Art History

Adriane Joy Bishko
Mary Faith Mitchell

English

Margaret Jean Case
Susan Helen Case
Kenneth A. Howe
Eulalia Grace Nabors
Anita Wetter

English-Secondary School

Teaching

Dorothy Faye Barrett
Guido Gilberto Fernandes

French

Elisabeth Hampton Horak

German

Zaiga Polis
Eileen Mason Robinson

History

Catherine B. Ellis
Robert Lord Goodman
Albert R. Meredith
David William Miller

Philosophy

Charles Dawson Bruce

Russian

Walter Bachir

DEGREE OF MASTER OF ARTS FOR TEACHERS

French

Virginia Verdier Allen

History

James Phillips Quinn

DEGREE OF MASTER OF MUSIC

Music Composition

Robert Charles Howard

Music Education

Daniel Robert Stephens

COLLEGE OF ARTS AND LETTERS

DEGREE OF BACHELOR OF ARTS

Art History

Carole Eileen Green
H* Deborah Ruth Sirotkin

Art Practice

William Eugene Crawley
Robert Arthur Green
Bonnie Dawn Higgins
Donna Jean Jones
Judith Marie Jurk
Arlene Ann Murphy
Elaine Bernice Stiriz
*Melanie Jean Trentham

English

James W. Cash
Mary Jane Day
Ted Edwards
H* Lorraine Ginther
H* Jeffrey David Hooper
Thomas Henry Jacobs
Barbara Ellen Luttrell
*Marjorie J. Masselink
Kristen Mona Nelson
H* Rosaire Marie Nottage
*Irene Lillian Pollok
Barbara Marie Sladovich
Marsha Lynne Smith
*Joanne Louise Wessells

French

Lynne Marie Brodahl

German

H* Carl James Hoffman

History

Carolyn Lee Baker
Sara Culver Elgammal
Carol Ann Gladney

DEGREE OF BACHELOR OF FINE ARTS

Art Practice

H* Sylvia M. Fritz

DEGREE OF BACHELOR OF MUSIC

Applied Music

Frank William Merritt, Jr.

Music Therapy

Denise Elizabeth Grocke
Kathleen Irene Larson
George Anthony Mikicich

Bernd Hornbacher
David Clarke McKee
Harry James Moore
Brenda Lee Pogue
Christopher Joseph Wadner

Humanities

Marjori L. Dickerson
Caroline Lilian Geer
H* Mary Sue Krumske
*Lucinda Littlejohn
Arvid Eric Norlin
Polly Atwood Pattee
Quentin Charles Reader
Susan Eugenia Reed
Gail Lorraine Shultz
H* Claire Diane von Buchwald
Ronald Frederick Warncke

Latin

Rita Jill Dickman

Philosophy

*Richard Robert Kohfeldt
*Jeffrey Michael Ternes

Religion

Roger Alan De Noyelles

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Art Practice

*John Ernest Buttner
Claire L. Crandell
Janine Marie Laycock
Janet Marie Layne
*Barbara S. Sonn

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Art Practice

*Johanna Marie Ambrine
*Evelyn A. Belschner Bruzy
Robert Joanne Buehrer
*Leone G. Otto
Marsha Lee Wineman

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

School Music

Helen Louise Billings
George Arthur Dunbar
David Berl Foerch
*Barbara Faith Goldman
Wesley Stephen Smith

English

Kay Lynn Archer
Judy Lou Church
H* Gary Alan Dawson
Ann Marie Elowski
Camille Filiatrault
*Elizabeth Penne Huxley
H* Sandra June Jablecki
Linda Adema Neely
*Kathryn Ann Olson
Patricia Oleatha Phelps
Spencer Dean Reitz
*Leslie Lynn Swoger
Chris Ellen Towers

French

Marsha Kay Downer
Ruth Ann Rowley

German

Jon Charles Birndorf

History

*Diane Lynn Anderson
Carolyn Birkhead
Mary Wren Bivins
Henrica Ann Bradford
Berdean Frances Buffa
Sandra Joyce Cohn
Christine Marie Erickson
*Sandra Ann Haskin
*Douglas Edward Price
*Errol W. Sorensen
Betty A. Tice

Spanish

Abby Griffith Allen
Margaret Ellen Davies
Mary Ann Wooster

H Honors College
* With Honor
** With High Honor

COLLEGE OF NATURAL SCIENCE

RICHARD U. BYERRUM, DEAN

DEGREE OF MASTER OF ARTS FOR TEACHERS

Biological Sciences

Elizabeth New Baker

DEGREE OF MASTER OF SCIENCE

Biological Sciences

Ora Evelyn Lockley
Nancy Ellen Mateskon

Botany

John Howard Riggle

Chemistry

Robert Edgar Harris
Uan Gen Kang
Jerrold Frederick Lyndrup
Donald Frederick Shepard
Joseph John Zaborowski

Entomology

John C. Arnsman
Norman Thomas Baker
William Gust Ruesink
Ronald Bair Willson

Geology

Edward Reeves Bates
John Robert Burger
Roger Waite Peebles

Mathematics

Somsak Eiamsritong
Michael Edward Grost
Holmes Alvan Turner, Jr.

Microbiology

Lorell Henry Angelety, Sr.
Ronald William Kelley
Victoria Millicent Koo
Sheri Eckerling Simon
Mary Arline Sumner

Physics

Nicholas John Dobeck
John Weaver Louks
Lawrence Edward
Turner, Jr.

Physiology

Wang-Tsau Chen
Douglas Bruce McKeag
David L. Norton

Statistics

Richard Wayne Andrews
Frank George Burianek
John Weldon Harrison
Paul Allen Moerdyk
Robert Anthony Nero
Ralph George Renneker
James Jospeh-Pepos
Samarias

Zoology

Ronald James Field
Jerry D. Hall
Vincent James Palese, Jr.
Pamela Kay Walsworth

DEGREE OF BACHELOR OF ARTS

Chemistry

Robert Joseph Becker
*Clarence E. Nichols

Mathematics

H**Nancy J. Bachtel
Harry Genig

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Mathematics

**Katherine Ann Braun
Susan Marie Murphy
Jeanne Louise Rand
Linda Ann Tache
William Dennis Tuttle

H Honors College
* With Honor
** With High Honor

COLLEGE OF NATURAL SCIENCE

DEGREE OF BACHELOR OF SCIENCE

Astrophysics
H**Paula Szkody

Biochemistry
H**Gordon Elwood Crofoot, Jr.
William Carl Fischer, Jr.
H**William Matuzas

Biological Sciences
Sarkis Steven Derderian
David Carter Love
Gregory Arthur Pawlaczyk

Chemistry
Robert Paul Stutzman

Entomology
Ronald John Priest
H**Diana Dee Wilder

Geology
Kenneth Michael Rothman

Mathematics
*Barbara Carol Bray
H**Joel Leslie Masser
Zollie Aldrich Perry
Gary Lee Peterson

Ruth Ann Rudnik
Richard Valentine
Strzyzewski

Microbiology
David Stewart Pausch

Nursing
Mary Kay Wells Clifford
**Ethel Nina Franson

Physics
Leo Winford Early, Jr.
*Richard Bernard Morrison
Eric T. Roach
H*Joseph Mitchell Thomas, Jr.

Zoology
Bruce Walter Bunting
Joel Edward Freedland
Michael Edmond Gaston
William Colbeck Gill
*Colleen Kay Issleib
Michele Ann Kriselewicz
**Douglas Neil Rittenger
Elspeth Joann Stoutenburg
Patricia Gail Tatch
Linda Katherine Weir

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Biological Sciences
Robert James Alexander
Christopher Boylan
David Wilson Crawford
*Marion Skelly Engel
*Janet Mildred Garlinghouse
*Jennie Ellen Kinsey
Joseph M. Mahar
Helen Etta Nichols
*Gayle Marie Smith
Ralph Willard Welch, Jr.

Chemistry
Brian Lee Dontje

General Science
Tonna Lynn Kershul
Besa Vincent de Paul
Kotati

Mathematics
Michael James Caterino
*Diane Eloyce Denning
*Claire Martha Gennaro
Mark Gregory Hess
Richard Alan Montcalm
*Sandra Jeanne Rebhan
Joy Ann Reynolds
John Harvey Ross
Robert Grant Rossman
H**Susan Marie Smolinske

Physical Sciences
Gerald Edwin Balch
Sherrie Ann Cardinali

COLLEGE OF SOCIAL SCIENCE

CLARENCE L. WINDER, DEAN

DEGREE OF MASTER OF ARTS

Anthropology

Charles Luke Boughter
Jean Ellickson
Mary Theresa Zalla

Geography

Charles Ipcar
Kwock Chung Loo
Melinda Sue Meade
Nguyen Duc Tien

Political Science

John Dovi Afesi
Joseph James Barnard
Julie Caroline Barnard
James Kenneth Ferguson

Psychology

Michael Robert Barnat
Peter Lee Borchelt
Cleason Samuel Dietzel
Robert Stuart Forsythe
Kenneth John Good
John Stephen Heinen
Diane Joy Huisinga
Diane Elizabeth Johnson
Peter T. Kliejunas
David Kirk Michelman
Thomas Maurice Rutledge
Larry Dean Smyth

Susan Marie St. Pierre
Daniel Francis Tortora
Earl Donald Walker

Social Science

Timothy Edward Gottshall
James Charles Votruba
Jamie Ann Zimmer

Sociology

Margaret Johnson Adams
Chukwuemeka Onwubu
George William Walton

DEGREE OF MASTER OF LABOR AND INDUSTRIAL RELATIONS

Joseph Alexander
Abramajtys, Jr.
Richard Parker Butler
Larry M. Buys
Gerard Michael Gomez
Donald Ryan Oars

DEGREE OF MASTER OF SCIENCE

Geography

Leonard Dwight Espinosa

Police Administration and

Public Safety

Bakri Mohamed Noor Basha

James Bartholomew
Conlisk, III
William Donald Davis, II
David Gerauld Epstein
Jeffrey L. Eubank
Marson Harry Johnson
Hsing Tang Lee

William Devanny Miller
Thomas Bernard Niese
Charles Allen Pierce
Henry Brainard Risley, Jr.
David E. Stormer

DEGREE OF MASTER IN URBAN PLANNING

Clifford Albert Hudsick
Robert Alan Rothbard
Namir Yusuf Zainal

COLLEGE OF SOCIAL SCIENCE

DEGREE OF BACHELOR OF ARTS

Anthropology

- Lynne Michelle Arnett
 *Robert Carlisle Mainfort, Jr.
 H**Jacquelyn Mary Smith
 H**Jerome Alan Voss
 *Timothy Thomas Wallace

Geography

Vida Gabrielle Katilius
 Robert Franklin Shwedel

Political Science

- Thomas Sutherland Atkin
 **Mary Elizabeth Bednar
 Margaret Ann Collins
 Donald DeWain Cross
 Gary James Durkin
 Merle Dennis Esmay
 Frederick Richard Fry
 Albert H. Gronewald
 **David A. Houle
 Dennis Frederic King
 *Linda Leona Leppek
 Douglas Kenneth Ott
 Robert Eugene Parsons
 James Rae Raney
 Fred J. Reinmann
 *Mary Jo Schuda
 Roberta K. Sode
 *John Willard Sorbet, Jr.
 H**Ellen June Welsh

Psychology

- Dennis Dwight Dickover
 Thomas Barnett Fideler
 Gloria Jean Garland
 H**Susan Harrell Gebelein
 Barbara Cheryl Hollembaek
 H**Susan A. Holyoke
 Jerold Ross McAllister

Anthropology

Steven A. Fleming

Geography

William David Braun
 John Thomas Gale

Landscape Architecture

- Paul Huston Baerman
 Nancy R. Harvey
 Nadine Ann Mikuska
 Richard Stephen Schaefer
 Susan Elaine Smith
 *Michael Lee Timmons
 Timothy Marshall
 Van Riper
 Feryl Dean Waldenmyer

Police Administration and

Public Safety

Robert Campbell Aloe, Jr.
 Daniel Elvan Beachnau

- Frederick William Meyers
 H**Colleen Mary Moore
 Nancy Ann Prentice
 H**Martha Tama Sherman
 Arthur Jon Thiele

Social Science

- H**Eileen Marie Ball
 Joan B. Brach
 Pamela L. Dansbury
 Kim C. Dobson
 H**Arthur Charles Dutton
 Wanda Jean Edwards
 *James C. Foster
 Samuel Angelo Garzia, Jr.
 *Beverly Ellen Heisey
 Douglas Edward Henry
 Suzanne Marie Hodge
 Jan Elyse Hughes
 Janet Marie Koehn
 Diane Michele Kuczek
 Maureen Donna Moore
 Thomas Sean O'Connor
 *Michael B. O'Leary
 Donald Bruce Rosen
 Myrna Lou Schwartz
 Robert Charles Snell
 Jimmy Stinson
 *Geraldine Anne Volin
 Craig Richard Weeks
 *Sharon Marie Wiseman

Social Work

- Gay Irene Anderson
 Ariane Sue Barshney
 *Connie Ann Condon
 Sandra Jean Davenport
 *Cheryl Ann Dean
 Beth Ann DeWaters
 JoAnn Dexter

- Rosalie Irene Follette
 Sandra Lee Kurowski
 Jennifer Grugel Laucks
 Linda M. Lemon
 *Nancy Jolyn Lewis
 Linda Eileen Malsch
 Geralyn Yvonne McKanders
 Susan Elizabeth Smith
 Neumann
 Steven J. Potje
 Barbara O'Keefe Price
 Neil Eric Scharaga

Sociology

- *Diana Lynn Bladecki
 *Susan Marie Kahl
 Barbara Levicki Lavi

DEGREE RECOMMENDED
 JOINTLY WITH THE
 COLLEGE OF EDUCATION

Geography

Marilyn Lucile Davids

Social Science

- Gary Lynn Compton
 Jane Ileen Culik
 Patricia Lynn Jozwiak
 Laura Ann Mauch
 Sharon Lynn Playnick
 *David Michael Roth
 Therese Anne Rushton
 Michael Lee Ryan
 David Charles Scully
 Susan Elliott Shearin
 Ruth Marlene Sugar
 Claude Read Sutherland
 *Paul Francis Taylor

- H*Richard Edward Finger, Jr.
 Michael John Frampton
 Jud Murrey Gildersleeve
 Fredrick Eugene Gottschalk
 Melvin Lee Harris
 Keith Mark Hirvonen
 Raymond Eugene Holtz
 David Christopher Hulme
 William George Janis
 Priscilla Lake Macovis
 John Lester Murphy
 Mary Ellen Nivison
 Robert Bruce Parsons
 George Richard Podolan
 John Burns Ridgeway
 David William Samanen
 John Joseph Szott
 Karen Ann Treberg
 *Nina VanGelder
 H*Thomas Henry Whalen
 *Ina L. Whitney
 *Donald Allan Wiss

H Honors College
 * With Honor
 ** With High Honor

COLLEGE OF SOCIAL SCIENCE

DEGREE OF BACHELOR OF SCIENCE

Social Science

Dennis Blair Albrecht
Frank Anthony Amato
Ronald Michael Bahrie
Richard Earl Bechtel
Bruce John Brady
Charles Joseph Couture
*James Alonzo Covell
**Susan Jean Delavan
Richard Alan Doro
Kim Warren Eddie
Halbert Knapp Evans, Jr.
John Thomas Frigaard
Ira Bennett Goldstein
*Daniel Mark Greenberg
Paul Dennis Guiney
Richard Earl Gullett
Kerry D. Hampton
Robert Frederick Harmer
James Thomas Heos
Joanne Hollander Johnson
William James Jordan
Brion Ben Kanda
Roger Dale Landvoy

Marcus Robert Manrique
Scott Leslie McIntyre
Thomas Paul Meyers
Ronald C. Nelson
Donald Michael O'Hara
William George
O'Rourke, Jr.
H*Charles Martin Oslund
Michael Dennis Owens
John Daniel Plopan
*Larry Donald Price
Robert Earle Robinson
Eugene Josef Rukas
Paul Russell Schlaack
Thomas Edward Schneider
Robert Michael Sriver
*Glen Raymond Stine
Joan Ann Stuart
*Linda Kay Szewczyk
Kenneth Edmund Szymczak
*Marsha Lynn Webb
*Marcia Ann Weber
Howard James West
Norman Weston
James Edward Wilds

Sociology

Louis Yvonne McWherter

Urban Planning

Dennis Richard Bothamley
*James Nelson Foulds
William Franklin Mercer
Wayne Paul Pyden

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

Social Science

Joan Kay Boylan
*Nancy Joyce Cross
*Loma Suzanne Luczak
H*Richard Harold Overholt
*Dwight Maier Roberts

JUSTIN S. MORRILL COLLEGE

D. GORDON ROHMAN, DEAN

DEGREE OF
BACHELOR
OF ARTS

H**Eleanor Marion Adams
*Deborah Dee Boles
Melanie Lee DeForth
David Van Denton
Patricia Sue Finn
Sandra Kay Frank
*Christine Sutherland
Galbraith
Glenn Carl Hartwig

Paul Elliott Jones
H**Betty Jean Julian
Judith Ann Kapplinger
*Brian Melville Kennedy
Douglas James Priver
Amy Jo Uphaus
Carol Jean Wahls
Kenneth Leroy Williams

DEGREE RECOMMENDED
JOINTLY WITH THE
COLLEGE OF EDUCATION

Audrey Ann Bondy
**Beverly Jean Houseworth
Angelynn B. Munn
Glenn Robert Prezocki

COLLEGE OF HUMAN MEDICINE

ANDREW D. HUNT, JR., DEAN

DEGREE OF
BACHELOR
OF SCIENCE

Human Medicine

**Steven Arnold Leibel

** 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 Army in the branches indicated.

MILITARY SCIENCE

Armor

Lawrence James Avery

Infantry

Alvin Richard Dickens

Medical Service Corps

Michael John Frampton

Quartermaster Corps

Sarkis Steven Derderian