

**The original documents are located in Box 46, folder “University of Michigan - Winter Commencement, 1976” of the Betty Ford White House Papers, 1973-1977 at the Gerald R. Ford Presidential Library.**

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# 1976 Winter COMMENCEMENT

The University of Michigan

Sunday, December 19, 1976, 1:00 p.m.

Crisler Arena

## instructions and suggestions

*to members of the graduation class*

Men will wear their academic caps while standing or marching, including the period during which they cross the platform. Women will wear their caps throughout. Tassels should be worn on the left side at all times.

When your degree is to be announced, the Dean of your School or College will give you the cue to rise, and you will remain standing until he has taken his seat.

### **DIPLOMAS: PLEASE NOTE**

Diplomas will be given to those on whom a doctoral degree has been conferred by the Graduate School. All other diplomas will be mailed about February 10 except those being returned to the engrosser for addition of honors or distinction.

The University Cellar would appreciate your returning your academic cap and gown to them at your earliest convenience. Representatives of the Cellar will be in the assembly area in the Modern Languages Building immediately following Commencement Exercises.

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*Smoking at any time during the exercises is not permitted.*

THE REGENTS  
OF THE UNIVERSITY

|                              |            |
|------------------------------|------------|
| DEANE BAKER                  | Ann Arbor  |
| PAUL W. BROWN                | Petoskey   |
| GERALD R. DUNN               | Lansing    |
| DAVID LARO                   | Flint      |
| ROBERT E. NEDERLANDER        | Birmingham |
| SARAH GODDARD POWER          | Ann Arbor  |
| THOMAS A. ROACH              | Detroit    |
| JAMES L. WATERS              | Muskegon   |
| ROBBEN W. FLEMING            |            |
| President of the University, |            |
| <i>ex officio</i> member     |            |

EXECUTIVE  
OFFICERS

|                       |  |
|-----------------------|--|
| ROBBEN W. FLEMING     | President  |
| WILBUR K. PIERPONT    | Vice-President and Chief<br>Financial Officer                            |
| FRANK H. T. RHODES    | Vice-President for<br>Academic Affairs                                   |
| RICHARD L. KENNEDY    | Vice-President for<br>State Relations and<br>Secretary of the University |
| MICHAEL RADOCK        | Vice-President for<br>University Relations and<br>Development            |
| CHARLES G. OVERBERGER | Vice-President for<br>Research   |
| HENRY JOHNSON         | Vice-President for<br>Student Services                                   |

CHANCELLORS

|                    |  |
|--------------------|--|
| LEONARD E. GOODALL | The University of<br>Michigan—Dearborn |
| WILLIAM E. MORAN   | The University of<br>Michigan—Flint    |

THE ORDER  
OF EXERCISES

|   |  |
|---|--|
|   | PRESIDENT ROBBEN W. FLEMING, LL.B., LL.D., <i>Presiding</i>  |
| PROCESSIONAL  | The University of Michigan Symphony Band<br>H. ROBERT REYNOLDS, B.M., M.M.<br><i>Director, University Bands</i>  |
| THE NATIONAL ANTHEM                                 | <i>By the audience (The audience will please remain<br/>standing for the Invocation.)</i>  |
| INVOCATION  | THE REVEREND ERWIN A. GAEDE, Ph.D.<br><i>Minister, The First Unitarian Church</i>  |
| LAUDES ATQUE CARMINA                                | The Men's Glee Club<br>LEONARD JOHNSON, M.A.<br><i>Director, The Men's Glee Club</i>   |
| GREETINGS AND<br>INTRODUCTION OF PRESIDENT          | BRYMER WILLIAMS, Ph.D.<br><i>Chairman, Senate Advisory Committee on University Affairs</i>   |
| REMARKS AND<br>INTRODUCTION OF SPEAKER              | PRESIDENT FLEMING  |
| ADDRESS TO THE<br>GRADUATING CLASSES                | "Requisites for Excellence"<br>WILBUR K. PIERPONT, M.B.A., Ph.D.<br><i>Vice President and Chief Financial Officer<br/>The University of Michigan</i>   |
| GODDESS OF THE<br>INLAND SEAS                       | The Men's Glee Club  |
| CONFERRING OF<br>DEGREES                            | Honorary Degree<br>ELIZABETH BLOOMER FORD<br>Doctor's Degrees in the Horace H. Rackham School<br>of Graduate Studies<br>Candidates for Master's and Professional Degrees<br>Candidates for Other Degrees in Course |
| OLD FRIARS' SONG                                    | The Men's Glee Club  |
| THE YELLOW AND BLUE<br>(First verse, see back page) | <i>By the audience</i>   |
| BENEDICTION   | THE REVEREND ERWIN A. GAEDE  |
| RECESSIONAL   | The University of Michigan Symphony Band<br><br><i>(The audience will please remain standing until the Regents and<br/>the faculty have left the Arena.)</i>   |



# THE ORDER OF PRESENTATION

The recipients of honorary degrees will be presented by the Regents of the University.

Recipients of doctor's degrees in the Horace H. Rackham School of Graduate Studies will be presented by Dean Alfred S. Sussman, A.M., Ph.D.

Candidates for intercollege master's degrees will be presented by Dean Sussman.

Candidates for master's and professional degrees will be presented by the following representatives of the schools and colleges, according to the school or college in which the candidates had their major concentration of study. The presentation of the candidates for degrees in course by the same representatives will follow.

- BILLY E. FRYE, M.S., Ph.D.  
Dean, College of Literature, Science, and the Arts
- CHARLES L. VOTAW, M.D., Ph.D.  
Assistant Dean for Curriculum, Medical School
- THEODORE J. ST. ANTOINE, A.B., J.D.  
Dean, Law School
- ROBERT E. DOERR, M.S., D.D.S.  
Associate Dean, School of Dentistry
- JAMES W. RICHARDS, M.B.A.  
Associate Dean, College of Pharmacy
- DAVID V. RAGONE, S.M., Sc.D.  
Dean, College of Engineering
- ROBERT C. METCALF, B.Arch.  
Dean, College of Architecture and Urban Planning
- WILBUR J. COHEN, Ph.B., LL.D.  
Dean, School of Education
- FLOYD A. BOND, Ph.D.  
Dean, School of Business Administration
- WILLIAM J. JOHNSON, M.L.A.  
Dean, School of Natural Resources
- ALLEN P. BRITTON, Ph.D.  
Dean, School of Music
- MARY LOHR, B.S.N., Ed.D.  
Dean, School of Nursing
- RICHARD D. REMINGTON, Ph.D.  
Dean, School of Public Health
- SHEILA C. FELD, M.A., Ph.D.  
Assistant Dean, School of Social Work
- RUSSELL E. BIDLACK, A.M., A.M.L.S., Ph.D.  
Dean, School of Library Science
- GEORGE V. BAYLISS, B.A., M.F.A.  
Dean, School of Art

- ROBERT B. HARRIS, M.S.C.E., Professor and Associate Chairman of Civil Engineering  
*Chief Marshal*
- ROBERT C. F. BARTELS, Ph.D., Director, Computing Center and Professor of Mathematics  
*Assistant Chief Marshal*
- THOMAS M. SAWYER, JR., Ph.D., Professor of Humanities  
*Assistant Chief Marshal*
- BRYMER WILLIAMS, Ph.D., Professor of Chemical Engineering  
*Master of Ceremonies*

# THE UNIVERSITY FLAGS

The flags behind the platform are arranged in the order in which the schools they represent were founded. As the audience faces the flags, the arrangement from the left to right is the following:

- College of Literature, Science, and the Arts
- Medical School
- Law School
- School of Dentistry
- College of Pharmacy
- College of Engineering
- Horace H. Rackham School of Graduate Studies
- President's flag
- University's flag
- Regents' flag
- School of Education
- School of Business Administration
- School of Natural Resources
- School of Music
- School of Nursing
- School of Public Health
- School of Social Work
- The University of Michigan—Flint
- The University of Michigan—Dearborn
- School of Library Science
- School of Art

# ACADEMIC COLORS

The colors of the various disciplines are as follows:

- |                                   |               |
|-----------------------------------|---------------|
| Arts and Letters                  | white         |
| Business Administration           | sapphire blue |
| Dentistry                         | lilac         |
| Education                         | light blue    |
| Engineering                       | orange        |
| Fine Arts, including Architecture | brown         |
| Law                               | purple        |
| Library Science                   | lemon         |
| Medicine                          | green         |
| Music                             | pink          |
| Natural Resources                 | russet        |
| Nursing                           | apricot       |
| Pharmacy                          | olive green   |
| Philosophy                        | dark blue     |
| Public Administration             | black         |
| Public Health                     | salmon pink   |
| Science                           | golden yellow |
| Social Work                       | citron        |

Mingled colors distinguish combined curriculums.

# HONORARY DEGREE

## ELIZABETH BLOOMER FORD

ELIZABETH BLOOMER FORD, First Lady of the United States. Shakespeare wrote, "... some are born great, some achieve greatness, and some have greatness thrust upon them." All of these circumstances are appropriate to the life of Betty Ford.

Your friends regard your courage and compassion as unfailing. They admire your outspoken commitment to the highest standards of personal and community life. These qualities testify to an inborn greatness of spirit.

That you achieved greatness is unquestioned. With Terpsichore your muse, you mastered the demanding art of dance to the satisfaction of no less a taskmaster than Martha Graham. Your flair for art led to other successes in modeling and fashion display. Characteristically, you have shared these abilities with the young, the handicapped, and all who are interested.

Few people have greatness thrust upon them with more dramatic suddenness than that which marked your ascendancy with Gerald R. Ford to Presidential responsibilities. Seldom have such awesome duties been in more earnest hands. Your style and substance have earned the admiration of a nation. The delightful fact that you could be simultaneously the First Mama of the radio channels and First Lady of the United States is testimony to your gift of grace and personal democracy.

The University of Michigan is delighted to receive a great lady and to confer upon you the honorary degree, Doctor of Laws.

## Hooders:

ROBERT F. HAUGH, Ph.D.  
*Professor of English Language  
and Literature*

NELLIE M. VARNER, Ph.D.  
*Associate Dean, Horace H.  
Rackham School of Graduate  
Studies, Assistant Professor of  
Political Science*

# CANDIDATES FOR DEGREES AND CERTIFICATES

The following is a list of the candidates for degrees. A candidate is listed alphabetically by degree, and in some cases also by field of specialization, under the school or college which awards his degree. Candidates are presented, with the exception of the doctoral degree recipients, in the order in which their respective schools or colleges were awarded independent status.

The Executive Board of the Horace H. Rackham School of Graduate Studies awards doctoral, master's, and some graduate professional degrees (e.g., Master of Public Policy, Master of Arts in Library Science), although most graduate professional degrees, such as Doctor of Medicine, Master of Social Work, etc., are awarded by the respective schools or colleges. The Graduate School does not offer course work, and advanced studies are conducted within the school or college of a candidate's area of specialization.

In the commencement ceremony, doctoral degree recipients are presented by the Dean of the Graduate School, but master's and graduate professional degree candidates are presented by the Dean of the school or college in which their studies were conducted.

Though not a final list of all degree recipients for this commencement, this program presents as complete and accurate a record of candidates for degrees as is possible as of the publication date.



# HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

ESTABLISHED IN 1912. ALFRED S. SUSSMAN, Dean

Candidates for degrees to be granted December 19, 1976

## DOCTOR OF ARCHITECTURE

EDWARD FRANKLIN SMITH, B.F.A., University of Utah, B.Arch., *ibid.*, M.S., *ibid.* Field of Specialization: Architecture. Dissertation: Computer-Aided Instruction in Architectural Education.

ARTHUR LEE SYMES, B.Arch., Howard University. Field of Specialization: Architecture. Dissertation: Architecture and the Black Community: Towards the Development of a Relevant Architectural Education.

## DOCTOR OF ARTS

JEFFREY JAY BUTLER, B.S., University of Utah, M.Ed., *ibid.* Field of Specialization: English Language and Literature. Dissertation: The Process of Composition: Model, Strategies, and Sources.

ANN MARIE GREEN, A.B., California State University, San Francisco; A.M., San Francisco State College. Field of Specialization: English Language and Literature. Dissertation: Writing and the Community.

## DOCTOR OF EDUCATION

ALLAN ARTHUR EDWARDS, B.S., Wayne State University, M.Ed., *ibid.* Field of Specialization: Education. Dissertation: The Development of the Mathematics Program of the Livonia Public Schools from 1944 to 1975.

MARK JAMES NEVEAUX, B.S., Western Michigan University; A.M. Field of Specialization: Education. Dissertation: The Decision-Making Role of a Building Principal in Regard to Administrative Decentralization.

DANIEL HENRY PILON, A.B., Sacred Heart Seminary; M.Ed., Marygrove College. Field of Specialization: Education. Dissertation: Long Range Planning Efforts of Twelve Colleges during the Third Annual Cycle of a Comprehensive Long Range Planning Model Developed by Robert Smith.

SYLVIA PAULINE ST. CLAIR RUSCETT, B.Ed., University of Alaska; A.M. Field of Specialization: Education. Dissertation: Program Development for Gifted and Academically Talented Children as Conducted under the Auspices of Ottawa Area Intermediate School District.

ALLAN JOHN TEN EYCK, A.B., Aquinas College; A.M. Field of Specialization: Education. Dissertation: Disaffiliated Students: Implications for Teacher Training.

## DOCTOR OF MUSICAL ARTS

MICHAEL CHARLES BAYER, B.Mus.(Comp.), M.Mus.(Comp.). Field of Specialization: Music: Composition. Dissertation: SUPERSTAR.

ALAN GEOFFREY COOK, B.Mus., Ohio Wesleyan University, A.B., *ibid.*; M.Mus.(Organ). Field of Specialization: Music: Performance.

NANCY BARBARA CRITELLI, B. of Music, Montana State University; M. of Music, *ibid.* Field of Specialization: Music: Performance.

ROBERT SIDNEY HUNTER, A.B., University of Virginia; M.(Mus.), Syracuse University. Field of Specialization: Music: Performance.

STEVEN GLENN MAUK, B.S.Ed., University of Tennessee. Field of Specialization: Music: Performance.

WILLIAM FRANKLIN SUMMERS, B.S., Old Dominion College; M.Mus., Indiana University. Field of Specialization: Music: Performance.

MASAKI MICHAEL SUZUKI, B.S., Brigham Young University, M.Mus., *ibid.* Field of Specialization: Music: Performance.

## DOCTOR OF PHILOSOPHY

GEBEYEHU ALEMNEH, B.A., Haile Sellassie I University, Ethiopia. Field of Specialization: Economics. Dissertation: Development Constraint in Ethiopia: The Next Decade.

# HORACE H. RACKHAM SCHOOL OF GRADUATE STUDIES

## DOCTOR OF PHILOSOPHY

WALTER LANSING AMES, B.S., Brigham Young University; A.M. Field of Specialization: Anthropology. Dissertation: Police and Community in Japan.

CHRISTOPHER EMMANUEL AMEYAW-AKUMFI, B.Sc., University of Ghana, M.Sc., *ibid.*; M.S. Field of Specialization: Zoology. Dissertation: Some Aspects of Breeding Biology of Crayfish.

DAVID MARTIN ANDERSON, B.S., Michigan State University. Field of Specialization: Biological Chemistry. Dissertation: Polyoma Virus: DNA Iodination, Endonuclease Hin dIII Resistant Mutants and Virus Rescued from Transformed Cells.

PATRICK DONALD ANDERSON, A.B., University of Notre Dame; A.M. Field of Specialization: American Culture. Dissertation: In Its Own Image: The Cinematic Vision of Hollywood.

THOMAS JEFFREY ARMSTRONG, B.S.E.(Aerospace E.), M.P.H. Field of Specialization: Industrial Health Science, Industrial and Operations Engineering, and Physiology. Dissertation: Circulatory and Local Muscle Responses to Static Manual Work.

ELIZABETH ANNE BAHLKE, B.A., Wellesley College; A.M. Field of Specialization: Economics. Dissertation: Individual Bank Demands for Certificate of Deposit Funds.

ROSALIE MARIE BAINE, A.B., M.S. Field of Specialization: Human Genetics. Dissertation: Variability in the Number of Human Hemoglobin Alpha Chain Loci Suggested by Trimodality in the Proportion of Hb G Philadelphia in Heterozygotes.

RICHARD DAVID BALL, B.S., Bowling Green State University, M.A., *ibid.* Field of Specialization: Biological Chemistry. Dissertation: Histidine-Rich Protein II in the Stratum Corneum—A New Marker of Epidermal Differentiation.

WILLIAM AUSTIN BALL, A.B., Harvard University; A.M. Field of Specialization: Psychology. Dissertation: The Role of Action in Visual Development.

ROBERT EDWARD BALON, B.A., Southern Connecticut State College; M.A., University of Wyoming. Field of Specialization: Speech. Dissertation: A Multivariate Examination of Predictors of Viewing Television Violence, Attitudes toward Television Violence, and Differences among Assaultive and Non-Assaultive Inmates Concerning Television Violence and Overall Media Consumption.

EDRISA THALLAY BANGURA, B.S., University of Durham, United Kingdom; M.S., University of Illinois at Urbana-Champaign. Field of Specialization: Statistics. Dissertation: A Design Problem in the Bayesian Estimation of the Treatment Effects in the One-Way Balanced Fixed Effects Model.

STEVEN JEFFREY BARBEE, B.A., Macalester College; M.S., Florida State University. Field of Specialization: Environmental Health Sciences. Dissertation: Diethanolamine-Induced Alteration of Phospholipid and Mitochondrial Metabolism.

MONICA ANN BARRON, B.S., University of Detroit; M.S. Field of Specialization: Water Resources Science. Dissertation: Concentration and Distributive Behavior of Cadmium and Other Selected Heavy Metals in Sediments of Southern Lake Michigan.

BRUCE LEE BASTIAN, B.S., Case Western Reserve University. Field of Specialization: Psychology. Dissertation: Individual Differences among the Photopigments of Protan Observers.

CLIFFORD DOUGLAS BEDFORD, B.S., California State University, Hayward; M.S. Field of Specialization: Chemistry. Dissertation: Reactions of a Triazolyl Carbene with Alkyl Benzenes, and Effects on the Norcaradiene-Cycloheptatriene Isomerization.

MAURICE FELIX BENDER, B.S., University of Illinois at Urbana-Champaign; M.S. Field of Specialization: Natural Resources. Dissertation: Nitrogen Dynamics and Modeling in a Freshwater Wetland.

MARY CLYDE HENDERSON BENNETT, B.S., Spelman College; A.M. Field of Specialization: Education. Dissertation: An Attitudinal Study of School Community Advisory Councils.



DOCTOR OF PHILOSOPHY

KATHLEEN HELEN BERECEK, B.S., Saint Xavier College; M.S. Field of Specialization: Physiology. Dissertation: Vascular Reactivity in the DOCA Hypertensive Pig.

CHARLES LIVINGSTON BETSEY, A.B. Field of Specialization: Economics. Dissertation: Work Experience and Earnings of Inner-City Blacks and Whites.

BERNARDO BEYER, A.B., University of Pennsylvania; M.S. Field of Specialization: Medicinal Chemistry. Dissertation: Approaches to Chemical Contraceptives: Part 1: Potential Antiprogesterone Agents. Part 2: Prostaglandin Analogs.

MARILUCI TOLOZA BLADON, Diploma, Catholic University of Rio de Janeiro, Brazil; M.S., University of Pittsburgh. Field of Specialization: Human Genetics. Dissertation: Studies on the Quantitative Variation of the Levels of Carbonic Anhydrase in Human and Sheep Erythrocytes.

ROBERT OTTIS BLAND, A.B., Detroit Institute of Technology; M.A., University of Detroit. Field of Specialization: Education. Dissertation: The Development of Mutually Supportive Relationships between Parents and Educators in an Urban Learning Environment.

JAMES WILLIAM BLOOM, A.B., Grinnell College; M.S., Iowa State University. Field of Specialization: Biophysics. Dissertation: Protease Inhibition by  $\alpha_1$ -Protease Inhibitor ( $\alpha_1$ -Antitrypsin).

EILEEN POLLEY BLUMENTHAL, A.B., University of California, Berkeley; A.M., Rutgers University. Field of Specialization: Education. Dissertation: Models in Chinese Moral Education: Perspectives from Children's Books.

EUGENE BORGIDA, B.A., Wesleyan University. Field of Specialization: Psychology. Dissertation: Character Testimony in the Law: What Kind of Evidence is Informative?

JOYCE ROSALIND BORKIN, B.A., The University of Chicago; M.S.W. Field of Specialization: Social Work and Psychology. Dissertation: Evaluation and Utilization of the Verbal Behavior Checklist.

MALCOLM WAYNE BRENNER, A.B., Boston University; A.M., Stanford University. Field of Specialization: Psychology. Dissertation: Memory and Interpersonal Relations.

ALAN JOSEPH BROKAW, B.S., M.B.A. Field of Specialization: Business Administration. Dissertation: An Explanation of the Preferences of Suppliers for Buyers in a Selected Segment of the Chemical Industry.

THEODORE DENNIS BROWN, Mus.B., Boston University; M.Mus.(Mus.Ed.). Field of Specialization: Music Education. Dissertation: A History and Analysis of Jazz Drumming to 1942.

ANNE-MARIE LOUISE BRUMM, B.S., New York University; B.A., Columbia University; A.M. Field of Specialization: Comparative Literature. Dissertation: The Poet Visits the City: A Study of Carl Sandburg, Rainer Maria Rilke and Federico Garcia Lorca.

VALERIE JANE BUNCE, A.B. Field of Specialization: Political Science. Dissertation: Elite Succession and Policy Change in Communist and Democratic Systems.

DOROTHY THAMAH BURK, A.B., University of New Hampshire; M.S. Field of Specialization: Anatomy. Dissertation: Inorganic Arsenic: Placental Transfer and Effect on Embryogenesis of the Urogenital System of the Rat.

ELI DRANNON BUSKIRK, JR., A.B., St. Andrews Presbyterian College; M.S. Field of Specialization: Natural Resources. Dissertation: Economic Impact Analysis of Reservoir and Riverine Fisheries in the Mekong River Basin in Northeast Thailand.

CYNTHIA CAREY, A.B., Occidental College, M.A., *ibid.* Field of Specialization: Zoology. Dissertation: Thermal Physiology and Energetics of Boreal Toads, *Bufo boreas boreas*.

DAVID MORIS CARLSON, A.B., Luther College; M.Mus.(Mus.Ed.). Field of Specialization: Music: Musicology. Dissertation: The Vocal Music of Leopold Mozart (1719-1787): Authenticity, Chronology and Thematic Catalog.

DOCTOR OF PHILOSOPHY

DAVID CASON, JR., A.B., Wayne State University, M.A., *ibid.*, M.U.P., *ibid.* Field of Specialization: Urban and Regional Planning. Dissertation: Social Class and Citizen Organization/Community Agency Interaction in Urban Planning Decision-Making.

JESUS HUAN CHUA, B.S.Ch.E., University of San Carlos, Philippines; M.S. (Ch.E.), Syracuse University. Field of Specialization: Business Administration. Dissertation: Long Term Corporate Bonds as an Investment Medium.

FREDERICK PAUL CICHOCKI, B.S., University of Miami, M.S., *ibid.* Field of Specialization: Zoology. Dissertation: Cladistic History of Cichlid Fishes and Reproductive Strategies of the American Genera *Acarichthys*, *Biotodoma*, and *Geophagus*.

FREEMAN THOMAS CLARK, A.B., Northwestern University; M.S., University of Bridgeport. Field of Specialization: Education. Dissertation: Doctoral Students' Interest in Less Than Full-Time Academic Appointments: Rethinking Supply and Demand in the Labor Market.

MARILYN JANE FIELD CLARK, B.A., University of Tennessee; M.A., University of Kentucky. Field of Specialization: Political Science. Dissertation: The Comparative Politics of Birth Control: Determinants of Policy Variation and Change in the Developed Nations.

DENNIS ANTHONY CLIFFORD, B.S.(Chem.Eng.), Michigan Technological University; M.S.E.(Chem.), M.S.E. Field of Specialization: Civil Engineering: Water Resources Engineering. Dissertation: Nitrate Removal from Water Supplies by Ion Exchange: Resin Selectivity and Multi-component, Chromatographic Column Behavior of Sulfate, Nitrate, Chloride and Bicarbonate.

ALAN GALE CLIVE, Ph.B., Wayne State University. Field of Specialization: History. Dissertation: The Society and Economy of Wartime Michigan, 1939-1945.

AARON BYRNE CORBET, A.B., University of California, Berkeley. Field of Specialization: Biophysics. Dissertation: Memory Effects in Closed Systems of Pyrolyzing Hydrocarbons: A Study in Nonequilibrium Thermodynamics.

PAULO SERGIO DE MDELLO COTTA, Engineer, University of Brazil, M.S., *ibid.* Field of Specialization: Naval Architecture and Marine Engineering. Dissertation: Ship Structural Description by Computer.

ROBERT CARL CRISP, B.A.Ed., Langston University; A.M. Field of Specialization: Education. Dissertation: Urban Adult Attitudes towards Busing and Desegregation.

WALENTY CUKIERMAN, M.Phil., University of Wroclaw, Poland. Field of Specialization: Slavic Languages and Literatures. Dissertation: The Odessa School of Writers, 1918-1923.

CINDA-SUE GEORGINA DAVIS, A.B., Grand Valley State College; M.S. Field of Specialization: Biological Chemistry. Dissertation: Purification and Characterization of Phosphatidate Phosphohydrolase from a Soluble Fraction of Brain.

MARK CAMERON DAVIS, B.S., Stanford University; M.S.E. Field of Specialization: Nuclear Engineering. Dissertation: Absolute Measurements of Fast Fission Cross Sections for  $^{235}\text{U}$  and  $^{239}\text{Pu}$ .

PHYLLIS JEAN PHELPS DAY, A.B., M.S.W., A.M.(Soc.). Field of Specialization: Social Work and Sociology. Dissertation: Sex, Race, and Work Ethic Stereotypes: Effects of Organizational Structure on Perspectives of Public Welfare Workers.

HENRY GORDON DEYOUNG, A.B., Michigan State University; A.M., Eastern Michigan University. Field of Specialization: Education. Dissertation: An Historical Review of Attorneys General's Opinions and an Analysis of Their Potential Value in Enforcing a Right to an Education for All Handicapped Students.

DENNIS DONNELLY DIETZ, A.B., University of Cincinnati; M.A., Michigan State University. Field of Specialization: Toxicology. Dissertation: Methionine Sulfoximine (MSO) Induced Alterations of 5-Hydroxytryptamine (5-HT) Biosynthesis in Rat Brain.

ROBERT JAY DONIA, A.B., Hope College. Field of Specialization: History. Dissertation: The Politics of Factionalism: The Bosnian Moslems in Transition, 1878-1906.



DOCTOR OF PHILOSOPHY

- RICHARD FORSYTHE DYE, A.B., Kenyon College; M.B.A. Field of Specialization: Economics. Dissertation: Personal Charitable Contributions: Tax Effects and Other Motives.
- JOHN MINOR ECHOLS III, A.B., University of Virginia. Field of Specialization: Political Science. Dissertation: Politics, Policy and Equality under Communism and Democracy.
- JAMES MITCHEL ELSTON, B.A., Wesleyan University, M.A.T., *ibid.* Field of Specialization: History. Dissertation: Multinational Corporations and American Foreign Policy in the Late 1930's.
- THOMAS ALAN EPPES, Texas A&M University, M.S., *ibid.* Field of Specialization: Electrical Engineering. Dissertation: Electro-Optic Modulation in Linbo<sub>3</sub> Ridge Type Integrated Optical Waveguides.
- TIMOTHY CHARLES EVANS, B.S., M.D. Field of Specialization: Biological Chemistry. Dissertation: The Pyridine Nucleotide Transhydrogenase of Normal and Hypothyroid Rat Liver Mitochondria.
- JOHN CLAYTON FANT, B.A., Williams College. Field of Specialization: Classical Studies. Dissertation: The *Curatores Rei Publicae* in Italy from Their Inception to the Death of Commodus.
- MAHDI BAKIR FAWZI, B.Sc., College of Pharmacy, University of Baghdad, Iraq; M.S. Field of Specialization: Pharmaceutical Chemistry. Dissertation: Kinetics and Mechanism of Hydroxyapatite Dissolution in Partially Saturated Acidic Buffers.
- JAMES HARVEY FEIKER, A.B., A.M. Field of Specialization: Education. Dissertation: Dental Students' and Graduates' Perceptions of the Relevance of Selected Basic Topics to Clinical Dentistry.
- DOROTHYANN FELDIS, B.S., Cornell University; M.Ed., Wayne State University. Field of Specialization: Education. Dissertation: Perception of Control by Parents of Handicapped Children.
- JOHN ALEXANDER MACARTHUR FERGUSON, A.B., Wayne State University, A.M., *ibid.* Field of Specialization: Education. Dissertation: The Development of Academic Tenure in American Higher Education, 1870-1915: Judicialization as a Response to a Changing Academic Environment.
- JOHN BERGEMAN FINK, B.A., University of Iowa; M.S. Field of Specialization: Mathematics. Dissertation: Flag-Transitive Projective Planes of Odd Order.
- BILLIE GENE THOMPSON FISCHER, A.B., University of Kansas; A.M. Field of Specialization: History of Art. Dissertation: The Sculpture of Valerio Cioli, 1529-1599.
- DAVID MACK FLOYD, B.A., San Francisco State College. Field of Specialization: Chemistry. Dissertation:  $\alpha$ -Carboalkoxyvinyl Copper Reagents.
- LAWRENCE FOX III, B.S., Humboldt State University; M.S. Field of Specialization: Natural Resources. Dissertation: The Effect of Canopy Composition and Soil Water Deficit on the Measured and Calculated Reflectance of Conifer Forests and Seedlings in Michigan.
- MAY BEATRICE FRITH, A.B., University of London, England; A.M., Columbia University; A.M. Field of Specialization: Linguistics. Dissertation: Second Language Learning: A Study of Form and Function at Two Stages of Developing Interlanguages.
- MARIE LUCILLE FUCCI, A.B., Smith College; A.M. Field of Specialization: Comparative Literature. Dissertation: Women's Novels of the Seventies in the United States and France.
- ARUN GARG, B.Tech.(Mech.E.), Indian Institute of Technology, India; M.Mech.E., Villanova University. Field of Specialization: Industrial and Operations Engineering. Dissertation: A Metabolic Rate Prediction Model for Manual Materials Handling Jobs.
- KENNETH MARK GERST, B.S., University of California, Berkeley; M.S. Field of Specialization: Chemistry. Dissertation: The Crystal and Molecular Structures of Imidazolylethyl Phthalimide, C<sub>10</sub>H<sub>11</sub>O<sub>2</sub>N<sub>3</sub>, and an Iron-Sulfur Cluster Compound, Fe<sub>3</sub>S<sub>10</sub>C<sub>18</sub>F<sub>24</sub> 1/2 S<sub>8</sub>.

DOCTOR OF PHILOSOPHY

- GORDON ALOYSIUS GOLDER, B.S., Gannon College; A.M., Texas Technological College. Field of Specialization: Education. Dissertation: Competency-Based Training through Functional Job Analysis for Applied Gerontologists at Multipurpose Senior Centers.
- JAMES GORDON GOODWIN, JR., B.S.(Chem.Engr.), Clemson University; M.S.(Chem.Engr.), Georgia Institute of Technology. Field of Specialization: Chemical Engineering. Dissertation: Study of Carburization and Decarburization of Fe Thin Films by Conversion Electron Moessbauer Spectroscopy.
- JUDY OZBOLT GOODWIN, B.S.N., Duke University; M.S. Field of Specialization: Education. Dissertation: Effects of Programmed Instruction Following Pulmonary Surgery.
- NEIL GRANADER, B.S., M.S.; M.S., Wayne State University. Field of Specialization: Anatomy. Dissertation: The Gross Topography, Histology and Fine Structure of the Sinoatrial Node and Its Nodal Artery in the Porcine Heart.
- THOMAS HILARY GRAYSON, B.S.E.(Meteor.), M.S. Field of Specialization: Atmospheric Science. Dissertation: Analysis of Cool Season Lake-Related Mesoscale Phenomena Using Numerical Variational Analysis.
- JACQUES CARBONNEAU GRÉGOIRE, B.Sc., University of Montreal, Canada; A.M. Field of Specialization: Education. Dissertation: The Development of Ego Identity in Juvenile Delinquents.
- DOUGLAS SAYRE GROSS, A.B., Franklin and Marshall College; M.S. Field of Specialization: Anatomy. Dissertation: Distribution of Gonadotropin-Releasing Hormone in the Fetal and Postnatal Mouse Brain as Revealed by Immunohistochemistry.
- FREDRICK ROBERT GUTIERREZ, B.A., University of Denver, M.S.W., *ibid.*; A.M.(Psych.). Field of Specialization: Social Work and Psychology. Dissertation: The Cue Value of Difference in Race and Beliefs in the Elicitation of Aggression.
- JOSEPH NEAL HAM, B.A., Mercy College of Detroit; A.M. Field of Specialization: Education. Dissertation: The Forgotten Minority—An Exploration of Long-Term Institutionalized Aged and Aging Male Prison Inmates.
- MICHAEL PATRICK HANAGAN, A.B., University of Illinois at Urbana-Champaign; A.M. Field of Specialization: History. Dissertation: Artisans and Industrial Workers: Work Structure, Technological Change, and Worker Militancy in Three French Towns: 1870-1914.
- SANDRA JEAN HASSTEDT, B.S., Colorado State University; A.M.(Stat.). Field of Specialization: Human Genetics. Dissertation: Stochastic Models for Biochemical Systems.
- DANIEL RICHARD HEGG, B.S.E.(Ae.E.), M.S.E. Field of Specialization: Aerospace Engineering. Dissertation: Necessary Conditions for Optimal Control of Systems Governed by Partial Difference Equations.
- ANNA REGULA HERZOG, Diploma, Institute of Applied Psychology, Switzerland. Field of Specialization: Psychology. Dissertation: Effects of Age, Information Reception, and Source Credibility on Attitude Change.
- RICHARD BORCHERS HEYDINGER, JR., B.A., Carleton College; M.Bus.Adm., Indiana University. Field of Specialization: Education. Dissertation: An Exploratory Study of the Operation of Technological Consortia: The Experiences of Three Computer Networks.
- JULIA LINN BELL HIRSCHBERG, B.A., Florida Presbyterian College; A.M. Field of Specialization: History. Dissertation: A Social History of Puebla de los Angeles, 1531-60.
- ANNE NEWMAN HIRSHFIELD, A.B., Swarthmore College; M.S. Field of Specialization: Zoology. Dissertation: The Hormonal Control of Ovarian Follicular Development.
- PHILIP EATON HODGE, B.S., Case Institute of Technology; M.S. Field of Specialization: Astronomy. Dissertation: Variations in the Circular Polarization of Extragalactic Radio Sources at 8 GHz.
- GERALD DOYNE HOLDER, B.S.E.(Ch.E.), M.S.E. Field of Specialization: Chemical Engineering. Dissertation: Multi-Phase Equilibria in Methane-Ethane-Propane-Water Hydrate Forming Systems.



DOCTOR OF PHILOSOPHY

- MEREDITH CLARKE HOPPIN, B.A., Carleton College; A.M. Field of Specialization: Classical Studies. Dissertation: The Theme of Mutability and Dramatic Unity in Four Plays of Sophocles.
- CLIFFORD EDWARD HOTTE, B.S.Pharm., Union University; Pharm.D. Field of Specialization: Pharmacy. Dissertation: A Determination of the Simultaneous Effects of Radiolytic and Thermal Decomposition on Radiopharmaceutical Stability.
- LIH-WEN HUANG, B.S., National Taiwan University, Republic of China; A.M., University of Massachusetts. Field of Specialization: Statistics. Dissertation: Asymptotic Distribution and Applications of the Maximum Likelihood Estimator in the Independent not Identically Distributed Case.
- BETTY LOUISE SWEENEY HUTCHINSON, B.S., Wayne State University, A.M., *ibid.* Field of Specialization: Education. Dissertation: A Study of Graduates of the Early Childhood Training Projects at Two Universities.
- RUTH MAVIS EWER IKE, A.B., Grand Valley State College; A.M. Field of Specialization: Education. Dissertation: Assimilation and Education in an Ethnic Community.
- MARY SUSAN IMEL, B.S., Indiana University; A.M.L.S. Field of Specialization: Education. Dissertation: The Practice of Program Evaluation in Postsecondary Adult and Continuing Education.
- GEORGE JOHN JABOL, A.B., Muskingum College; A.M. Field of Specialization: English Language and Literature. Dissertation: Robert Penn Warren: Philosopher-Novelist.
- BRENDA JOYCE JAMES, A.B., Morris Brown College. Field of Specialization: Education. Dissertation: Teacher Expectations, Pupil Self-Expectations, and Academic Achievement.
- PAMELA ANN RAYMOND JOHNS, B.S., M.S. Field of Specialization: Zoology. Dissertation: Growth of the Adult Goldfish Retina.
- ERIC RAYMOND JOHNSON, B.S.E.(M.E.), M.S.E. Field of Specialization: Applied Mechanics. Dissertation: Effect of the Spatial Distribution of Impulsive Loads on Dynamic Snap-Through Stability of a Shallow Cylindrical Shell.
- KU-HYUN JUNG, B.B.A., Seoul National University, Korea; M.B.A., State University of New York at Albany. Field of Specialization: Business Administration. Dissertation: Effects of Investment Incentives on the Profitability of Foreign Investment Projects in Less Developed Countries.
- WILLIAM LEE JUNGERS, JR., A.B., Oberlin College; A.M. Field of Specialization: Anthropology. Dissertation: Osteological Form and Function: The Appendicular Skeleton of *Megaladapis*, A Sub-fossil Prosimian from Madagascar (Primates, Lemuroidea).
- CANDACE BRAND KASPERS, A.B., Mills College; A.M. Field of Specialization: Speech. Dissertation: Symbolism in the Film Adaptations and Novels of D. H. Lawrence's *Sons and Lovers*, *Women in Love*, and *The Virgin and The Gypsy*.
- NANCY LOIS KAYE, A.B., Wayne State University, M.Ed., *ibid.* Field of Specialization: Education. Dissertation: Assessing Communication Patterns and Attitudes of Special Education Management Personnel in a Technical Assistance Network.
- DONALD JAMES KENNEY, B.S., St. Louis University; M.S.E. Field of Specialization: Aerospace Engineering. Dissertation: Stimulated Brillouin Scattering in Magnetized Plasmas.
- KENNETH JUDSON KIRKLAND, A.B., Stanford University; A.M., University of Oregon. Field of Specialization: History. Dissertation: The Italian Chambers of Labor, 1890-1914: The Formation of Working-Class Consciousness.
- HOM KLAYANONDA, B.Ed., College of Education, Thailand; A.M. Field of Specialization: Education. Dissertation: Knowledge, Attitude, and Practice of English Teachers at Grades 5-6-7 in the Sixth Educational Region, Thailand.

DOCTOR OF PHILOSOPHY

- WERNER JOSEF KLIMKE, A.B., University of Waterloo, Canada. Field of Specialization: Comparative Literature. Dissertation: Herder's Contribution to the Acceptance of Spinoza in Germany.
- DIANE GAIL POMERANCE KOENKER, A.B., Grinnell College; A.M.(Hist.: Comp.Stud.). Field of Specialization: History. Dissertation: Moscow Workers in 1917.
- FREDERIC FLOYD KORN, A.B., University of California, Los Angeles; A.M. Field of Specialization: Philosophy. Dissertation: Dissolving the Problem of Political Obligation.
- SUNTHORN KUMTANODE, B.Ed., The College of Education, Thailand. Field of Specialization: Education. Dissertation: The Attitudes of Teachers and Students toward the Psychology Function in Teachers Colleges in Thailand and Certain Recommendations for Improvement.
- GEOFFREY CHI-LEUNG KUNG, B.S.E.(E.E.); M.S.(E.E.), Wayne State University. Field of Specialization: Electrical Engineering. Dissertation: Interferometrically Formed Multichannel Planar Optical Waveguides.
- KATHARINE DAVIDSON KUSH, A.B., A.M. Field of Specialization: English Language and Literature. Dissertation: Virginia Woolf and F. H. Bradley: Metaphysical Idealism in Fiction and Philosophy.
- GORDON WAYNE LAING, B.S., University of Washington; A.M. Field of Specialization: Social Psychology. Dissertation: Contact and Attraction between English Canadians and French Canadians.
- ALAN CRAIG LAMBORN, A.B., Oberlin College; A.M. Field of Specialization: Political Science. Dissertation: Constraints on Access to Resources and the Dissolution of Formal Dependency Ties: The Movement toward Formal Independence by British Dependencies, 1840-1970.
- EDWARD THEODORE LANCE-GÓMEZ, B.A., Kalamazoo College. Field of Specialization: Chemistry. Dissertation: Preparation, Phase Equilibria, and Crystal Chemistry of La, Pr, Nd, Sm, Eu, and Gd Hydroxide Halides.
- ANDER LARESGOTTI, Mechanical Engineer, Higher School of Industrial Engineering, Spain; M.S.E. Field of Specialization: Mechanical Engineering. Dissertation: Particulate Emission from a Spark Ignition and a Light Duty Diesel Engine.
- SHARON LIBBY SHERMAN LEITER, A.B., Brandeis University; M.S.W., Boston University. Field of Specialization: Slavic Languages and Literatures. Dissertation: The City Visions of Osip Mandel'stam.
- GORDON JUSTIN LEVEE, A.B., Olivet Nazarene College; A.M. Field of Specialization: Botany. Dissertation: The Contribution of *Nostoc* to the *Blasia-Nostoc* Symbiosis.
- MICHAEL JONATHAN LEVIN, B.S., Purdue University, A.B., *ibid.* Field of Specialization: Anthropology. Dissertation: Eauripik Population Structure.
- BRUCE ALLEN LEVITT, B.S., University of Kansas; A.M. Field of Specialization: Speech. Dissertation: The Historical and Practical Evolution of Viola Spolin's Theatre Games.
- RAYMOND JOSEPH LEWANDOWSKI, B.A., Michigan State University, M.S., *ibid.* Field of Specialization: Speech. Dissertation: The Formation, Rise, and Decline of the Tulsa Little Theatre as Reflected in Its Changing Philosophy of Organization and Management.
- MING KUNG LI, B.S., The University of Wisconsin, Madison; M.S.E. Field of Specialization: Chemical Engineering. Dissertation: Ultrasonic Emulsification.
- RICHARD PAUL LIGHTFOOT, B.A., University of Reading, England; A.M. Field of Specialization: Geography. Dissertation: Planning Problems in the Resettlement of Reservoir Evacuees in Less-Developed Countries.
- MARK WARREN LINDSAY, B.S., Western Illinois University; M.A., Eastern Michigan University. Field of Specialization: Education. Dissertation: An Investigation of Influential Factors of Terminal Secondary Area Vocational Programs in Michigan.
- THOMAS LLOYD, B.S., Wayne State University, A.M., *ibid.* Field of Specialization: Education. Dissertation: Information Needs of Community College Trustees as Perceived by Michigan Public Community College Trustees and Presidents.



DOCTOR OF PHILOSOPHY

- LORMAN LESTER LUNDSTEN, B.S., Northland College; M.B.A., Fordham University. Field of Specialization: Business Administration. Dissertation: A Model to Improve the Quality of the Retail Share of Market Forecast for Banking Offices.
- LAURENCE ANTONIO MADEO, A.B., Harvard University; M.B.A. Field of Specialization: Business Administration. Dissertation: A Formalization of Multidimensional Search for Organizational Planning through Terminal Based Models.
- CORNELIUS CREEDON MAHER III, B.S., Boston College; M.S. Field of Specialization: Chemistry and Environmental Health. Dissertation: Factors Influencing Hair Trace-Element Content.
- MARGARET JANE DAVIS MAKULSKI, A.B.; M.A., Eastern Michigan University. Field of Specialization: Education. Dissertation: Case Studies of the Attitudes of Superintendents and School Board Members of Selected School Districts in the State of Michigan toward the Employment of Women as School Administrators.
- BARRY DAVID MALIN, A.B., Brandeis University; A.M. Field of Specialization: Education. Dissertation: The Effects of Alternative and Traditional School Structure on Student Satisfaction and Perceptions of School.
- WILLIAM FRANCIS MALONEY, B.M.E., University of Delaware, M.B.A., *ibid.* Field of Specialization: Business Administration. Dissertation: Productivity Bargaining: A Study in Contract Construction.
- MIKO MANDILOVITCH, Licenciado, University of Buenos Aires, Argentina; A.M. Field of Specialization: Political Science. Dissertation: Group Conflict and Political Change in Argentina (1955-1966).
- MUSTAFA ABBAS MARAFI, B.S., Stevens Institute of Technology; M.S. Field of Specialization: Physics. Dissertation: Extraction of the Differential Cross Section for the Excitation of Argon Atom to the  $3p^4s$  State and of the Ground State Velocity Distribution by a Time of Flight Technique.
- DAVID MANUEL MARQUES, A.B., Cornell University. Field of Specialization: Psychology. Dissertation: Determinants of Maternal Behavior and Cannibalism in the Female Golden Hamster.
- DOUGLAS WILLIAM MARSHALL, A.B., Dennison University; A.M. Field of Specialization: History. Dissertation: The British Military Engineers 1741-1783: A Study of Organization, Social Origin, and Cartography.
- ERIC EARL MATTHIEN, B.S., Evansville College; A.M. Field of Specialization: Speech. Dissertation: A Case Study of Intergroup Communication.
- DELENER SUE MCCAMEY, B.S., University of Arkansas at Pine Bluff; M.A.T., Oakland University. Field of Specialization: Education. Dissertation: The Status of Black and White Women in Central Administrative Positions in Michigan Public Schools.
- ALAN ROSS MCCLEARY, B.A., Carlton College. Field of Specialization: Biophysics. Dissertation: Interaction of Histone and Nonhistone Chromosomal Proteins from Beef Liver.
- MICHAEL LAWRENCE MCCULLOCH, A.B., Sacred Heart Seminary. Field of Specialization: Philosophy. Dissertation: On Names and Their Meaning.
- JAMES FRANK MCDANIEL, A.B., Oberlin College, M.A.T., *ibid.* Field of Specialization: History. Dissertation: Political Assassination and Mass Execution: Terrorism in Revolutionary Russia, 1878-1938.
- BENJAMIN MELAMED, B.Sc., Tel-Aviv University, Israel; M.S. Field of Specialization: Computer and Communication Sciences. Dissertation: Analysis and Simplifications of Discrete Event Systems and Jackson Queuing Networks.
- PAUL EUGENE MEYERS, A.B., Oberlin College; M.S. Field of Specialization: Anatomy. Dissertation: Induction of Hibernation in the Big Brown Bat, *Eptesicus fuscus*, by Means of Intermittent Photic Stimulation.
- MICHAEL DWIGHT MIHALKA, B.S., Massachusetts Institute of Technology. Field of Specialization: Political Science. Dissertation: Interstate Conflict in the European State System, 1816-1970.

DOCTOR OF PHILOSOPHY

- FREDRIC LLOYD MILDER, B.S., Massachusetts Institute of Technology; M.S. Field of Specialization: Physics. Dissertation: Alpha-Cluster Pickup on Rare-Earth Nuclei.
- SHIRLEY ANN MATILE MILLER, A.B., McPherson College; A.M. Field of Specialization: Psychology. Dissertation: Dependency, Empathy, and Altruism: A Preliminary Study of Proposed Relationships.
- SUSAN LYNN GILSON MILLER, B.A., Wellesley College; A.M., Brandeis University; A.M. Field of Specialization: History. Dissertation: A Voyage to the Land of Rum: The *Rihlah* of the Moroccan Muhammad Al-Saffar to France, December 1845-March 1846.
- ROBERT EARL MODROW, A.B., Grove City College; A.M., University of Denver. Field of Specialization: Medical Care Organization. Dissertation: Situational Determinants of Physician Referral Relationships.
- JAMES RALPH MOELLER, B.S., Stanford University; A.M.(Math.). Field of Specialization: Psychology. Dissertation: Measuring the Red/Green Quality of Lights: A Study Relating the Jameson and Hurvich Red/Green Cancellation Balance to Direct Magnitude Estimation of Greenness.
- MICHAEL-JOHN MORGAN, B.A.Sc., University of Toronto, Canada; M.A., University of Cincinnati. Field of Specialization: Political Science. Dissertation: The Modelling of Governmental Coalition Formation: A Policy-Based Approach with Interval Measurement.
- LYNNE MARIE CLEMMONS MORRIS, A.B., Oberlin College; M.S.W. Field of Specialization: Social Work and Sociology. Dissertation: Change or Exchange? The Transition of the Public Mental Hospital.
- RICHARD CARL MUELLER, B.S., Bowling Green State University; M.A., Ball State University. Field of Specialization: Education. Dissertation: A Comparison of Intermediate School Districts in Michigan and Intermediate School Districts in Michigan and Intermediate Units in Pennsylvania.
- SAEKO MURAYAMA, B.S., Meiji Gakuin University, Japan; A.M.(Sociol.), M.S.W. Field of Specialization: Social Work and Sociology. Dissertation: Preliminary Inquiry into the Housing Satisfaction in Public Housing for the Elderly.
- PAUL ALAN MURRAY, B.S. Field of Specialization: Physiology. Dissertation: The Role of Potassium in the Control of the Coronary Circulation: Mechanism of Action and Time Course.
- ISHVERLAL KUNVERJI NAIK, B.Tech., Indian Institute of Technology, Bombay, India; M.Tech., Indian Institute of Technology, Kanpur, India. Field of Specialization: Engineering Materials. Dissertation: Electrical Properties, Nonstoichiometry and Defect Structures of Pure and Niobium Pentoxide-Doped Cerium Dioxide.
- KAREN ANN NIELSEN, A.B., A.M.(Psych.). Field of Specialization: Education and Psychology. Dissertation: Aggression, Empathy, and Self-Esteem in Latency Aged and Adolescent Males Living in a Residential Treatment Center for Emotionally Disturbed Children.
- MARTHA LOUISE KINSEY OLMSTED, A.B., A.M. Field of Specialization: Education. Dissertation: Influence of a Unit of Instruction in Gerontology on the Attitudes, Knowledge, and Perceptions of High School Students of the Aging Process, the Aged and Their Own Aging.
- FRANCIS BARRY O'NEILL, B.A. Field of Specialization: Psychology. Dissertation: Variable-Threat Bargaining: A Test for the Raiffa-Nash Theory.
- MARK CARL OVERVOLD, B.A., St. Olaf College; A.M. Field of Specialization: Philosophy. Dissertation: Self-Interest, Self-Sacrifice, and the Satisfaction of Desires.
- MADAN MOHAN PANT, Diploma, Indian Forest College, India; B.Sc., Agra University, India; M.F. Field of Specialization: Natural Resources Economics. Dissertation: An Economic Appraisal of the Indian Resin Industry.
- DIANA MAY PEARCE, B.A., The College of Wooster; M.S.W. Field of Specialization: Social Work and Sociology. Dissertation: Black, White, and Many Shades of Gray: Real Estate Brokers and Their Racial Practices.



DOCTOR OF PHILOSOPHY

- JYRKI TAPIO PENTTINEN, B.Sc.(Econ.), Helsinki School of Economics, Finland, M.Sc.(Econ.), *ibid.* Field of Specialization: Business Administration. Dissertation: The Role of Price in Perception of Product Quality.
- ALLAN KYLE PERKINS, A.B., Union College; A.M., Southern Illinois University-Carbondale. Field of Specialization: Linguistics. Dissertation: The Interlanguage Performance of Adult Speakers of English as a Second Language on Higher-Order Constructions.
- IDO PERLMAN, B.S.(Chem.), Israel Institute of Technology, Israel. Field of Specialization: Physiology. Dissertation: In Vivo Kinetics of Rhodopsin in RCS and Normal Rats.
- HARLAN DAVID PLATT, A.B., Northwestern University; A.M. Field of Specialization: Economics. Dissertation: A Simultaneous Equations Model of Wage Determination under Collective Bargaining.
- MARK POFFENBERGER, A.B., University of California, Santa Cruz. Field of Specialization: Education. Dissertation: Patterns of Interaction: Demography, Ecology and Society in the Nepal Himalaya.
- LORRAINE CECILIA PREISS, B.S., Siena Heights College; M.S., University of Detroit. Field of Specialization: Education. Dissertation: An Investigation to Determine the Adequacy of the Gates-MacGinitie Reading Tests as a Predictor of Success in the First Semester Anatomy and Physiology Course in an Open Admissions Community College.
- ALICE MARCELLA LUBINSKI PROPPER, A.B., York University, Canada, M.A., *ibid.* Field of Specialization: Sociology. Dissertation: Importation and Deprivation Perspectives on Homosexuality in Correctional Institutions: An Empirical Test of Their Relative Efficacy.
- BRUCE ZACHARY RAPPAPORT, A.B., Northern Michigan University; M.Speech Path.&Aud., University of Washington. Field of Specialization: Speech. Dissertation: The Effect of the Acoustic Reflex on the Perception of Speech in Noise.
- LYNNE MARIE REDER, A.B., Stanford University. Field of Specialization: Psychology. Dissertation: The Role of Elaborations in the Processing of Prose.
- LEE ANN REYNIS, A.B., Mount Holyoke College; A.M. Field of Specialization: Economics. Dissertation: The Proliferation of U.S. Firm Third World Offshore Sourcing in the Mid-to-Late 1960's: An Historical and Empirical Study of Factors which Occasioned the Location of Production for the U.S. Market Abroad.
- JOHN DOUGLAS ROGERS, B.S., Ohio Northern University. Field of Specialization: Pharmaceutical Chemistry. Dissertation: Physical Model Approach to the Simultaneous Intestinal Transport and Bioconversion of Prostaglandins.
- MARY MICHON ROZMAJZL, B.A., College of Saint Mary; M.Mus. Field of Specialization: Music: Music Education. Dissertation: A Design and Trial of an Interdisciplinary Course in Aesthetics for Teacher Education in Music, Visual Art, and Literature.
- HOWARD EUGENE RUBIN, B.S., Guilford College; M.S., Bowman Gray School of Medicine; M.S., M.P.H. Field of Specialization: Environmental Health Sciences. Dissertation: Lactic Acid Inhibition of *Salmonella typhimurium* in Yogurt.
- PAUL HENRY RUDOLPH, B.S., University of Nebraska, M.S., *ibid.* Field of Specialization: Zoology. Dissertation: Aspects of the Reproductive Biology of *Stagnicola elodes* (Say) (Pulmonata: Lymnaeidae): The Histochemistry and Maturation of the Reproductive Systems, and Copulation.
- MITCHELL JULIAN RYCUS, B.S., M.S., M.S. Field of Specialization: Urban and Regional Planning. Dissertation: Evaluating Social Consequences Associated with Planning Future Energy Policies.
- ABELARDO SAAVEDRA, B.S., Texas A&I University; M.S., *ibid.* Field of Specialization: Education. Dissertation: The Attitudes and Opinions of the People of Corpus Christi toward Desegregation, Busing and Equal Educational Opportunity.
- LEONARD SACHS, B.A., Queens College of The City University of New York. Field of Specialization: Biological Chemistry. Dissertation: Transcription of Epidermal Chromatins at Different Stages of Differentiation.

DOCTOR OF PHILOSOPHY

- ABRAHAM SAGI, B.S.W., University of Haifa, Israel; M.S.W., A.M.(Psych.). Field of Specialization: Social Work and Psychology. Dissertation: The Effects of Labeling and Perceptual Training on Perception and Discrimination Learning in Young Children.
- GUMECINDO SALAS, A.B., Wayne State University, M.Ed., *ibid.* Field of Specialization: Education. Dissertation: A Study of Title I, H.E.W. in Michigan as Perceived by Former Directors and Advisory Councils of Selected Programs Funded during the Years 1970-1974.
- ANDREW JOHN SALTHOUSE, B.S., Columbia University; A.M.(Math.), M.S. Field of Specialization: Physics. Dissertation: The Zero Structure of Two Body Hadron Scattering Amplitudes.
- DOROTHY ELLIOTT SAMPLE, A.B., A.M. Field of Specialization: Education. Dissertation: Some Factors Affecting the Flow of Women Administrators in Public School Education.
- VIRGINIA SAPIRO, A.B., Clark University; A.M. Field of Specialization: Political Science. Dissertation: Socialization to and from Politics: Political Gender Role Norms among Women.
- ELIZABETH SELANDERS SATO, A.B., Muskingum College; A.M. Field of Specialization: History. Dissertation: Proprietors and Peasants: Oyama Estate in Early Medieval Japan.
- JOHN THOMAS SCHMIDT, B.S., University of Detroit. Field of Specialization: Biophysics. Dissertation: Expansion of the Half Retinal Projection to the Tectum of Goldfish.
- WILLIAM SCHNEIDERMAN, A.B., Harvard University; A.M. Field of Specialization: Psychology. Dissertation: Self-Reward, Self-Evaluation, and Self-Esteem.
- SEYOUM GEBRE SELASSIE, B.A., Haile Selassie I University, Ethiopia; M.A., Tata Institute of Social Sciences, India. Field of Specialization: Social Work and Sociology. Dissertation: Government and the Promotion of Social Equality—A Comparative Analysis of Selected Developing Countries.
- RICHARD ALLEN SHALE, B.A., Ohio Wesleyan University; A.M. Field of Specialization: American Culture. Dissertation: Donald Duck Joins Up: The Walt Disney Studio during World War II.
- WILLIAM HENRY SHEA, A.B., La Sierra College; M.D., Loma Linda University. Field of Specialization: Near Eastern Studies. Dissertation: Famines in the Early History of Egypt and Syro-Palestine.
- PAUL WILLARD SHERMAN, A.B., Stanford University; M.S. Field of Specialization: Biological Sciences. Dissertation: Natural Selection among Some Group-Living Organisms.
- MICHAEL SIVAK, A.B., Lehman College of The City University of New York; A.M. Field of Specialization: Psychology. Dissertation: Effects of the Phenomenal and the Proximal Stimulus on the Adaptation to Square-Wave Gratings.
- STANLEY KENT SMITH, A.B., Goshen College. Field of Specialization: Economics. Dissertation: Women's Work and Fertility in Mexico City.
- SARI JANE SOMMARSTROM, B.S., University of California, Davis; M.S. Field of Specialization: Resource Planning and Conservation. Dissertation: The Land-Water Interface of Inland Lakes and Its Implications for Ecological Planning.
- SUEBSIN SONTIRAT, B.S., Kasetsart University, Thailand; M.S., University of Hawaii. Field of Specialization: Fisheries. Dissertation: Revision of the Southeastern Asiatic Cyprinid Fish Genus *Cyclocheilichthys*.
- JOHN CLARK SPORES, B.S., University of Oregon; M.S.W. Field of Specialization: Social Work and Sociology. Dissertation: Running Amok: A Sociological Analysis.
- LINDA MONA HALPERN SPRINGER, A.B., Brooklyn College of The City University of New York. Field of Specialization: Psychology. Dissertation: Phonological Recording of Visual Stimuli during Reading.
- DUNCAN GREGORY STEEL, A.B., University of North Carolina at Chapel Hill; M.S.E., M.S.E.(Nuclear). Field of Specialization: Electrical Engineering and Nuclear Engineering. Dissertation: Intense CO<sub>2</sub> Laser Interactions with a Dense Helium Z-Pinch Plasma.



HORACE H. RACKHAM  
SCHOOL OF GRADUATE STUDIES

DOCTOR OF PHILOSOPHY

- DAVID STANLEY STEIN, B.A., State University of New York at Buffalo. Field of Specialization: Education. Dissertation: The Continuing Medical Education Short Course: A Comparison of Adult Education and Traditional Education Approaches to Program Planning.
- KENNETH WARE STEIN, A.B., Franklin and Marshall College; A.M., A.M. (Near East L&L). Field of Specialization: History. Dissertation: The Land Question in Mandatory Palestine, 1929-1936.
- SARAH NEWELL STEVER, B.A., Sarah Lawrence College. Field of Specialization: History. Dissertation: Philology and Historical Thought in Early Italian Humanism.
- JEWELL ELIZABETH STINDT, A.B., Wayne State University; A.M. Field of Specialization: Education. Dissertation: Sex Biases and Gender-Role Stereotypes in Post-Secondary Textbooks.
- WALTER JOSEPH STONE, A.B., University of San Francisco; M.A., University of Colorado. Field of Specialization: Political Science. Dissertation: Representation in the United States House of Representatives: 1956-1974.
- JOSEPH GEORGE STRAUCH, JR., B.S., Antioch College; Ph.D., Oregon State University. Field of Specialization: Zoology. Dissertation: The Cladistics Relationships of the Charadriiformes.
- EVAN ROY SUGARBAKER, B.A., Kalamazoo College. Field of Specialization: Physics. Dissertation: Proton Intrinsic States in  $^{105}\text{Pm}$ ,  $^{108}\text{Tb}$ , and  $^{160}\text{Ho}$  Studied via the (d,  $^3\text{He}$ ) Reaction.
- ANTONY THRALL SULLIVAN, B.A., Yale University; A.M., Columbia University. Field of Specialization: History. Dissertation: Thomas-Robert Bugeaud, France, and Algeria, 1804-1849: Politics, Power, and the Good Society.
- SEAN MICHAEL SWEENEY, B.S., Michigan State University; A.M., Eastern Michigan University. Field of Specialization: Education. Dissertation: A Descriptive Survey of Community College Involvement with Programs Concerning Senior Citizens.
- DENNIS WILLIAM TAFOYA, B.S., Central Michigan University. Field of Specialization: Speech. Dissertation: Barriers to Interpersonal Communication: A Theory and Typology.
- PHILIP JOSEPH TEDESCHI II, B.S., A.M., A.M., M.S.(CCS). Field of Specialization: Linguistics. Dissertation: If: A Study of English Conditional Sentences.
- LYDIA TEMOSHOK, A.B., Yale University; A.M. Field of Specialization: Psychology. Dissertation: The Videotaped Interpretations of Social Interactions Technique (Visit): A Method to Assess Social Scripts.
- JESSE THOMAS, B.S., Pan American University; M.S., Texas A&I University. Field of Specialization: Education. Dissertation: Attitudes of Mexican-American Parents toward Bilingual Education.
- MICHAEL CHARLES TOBES, B.S., Michigan State University; M.S. Field of Specialization: Biological Chemistry. Dissertation: L-Kynurenine Aminotransferase and L- $\alpha$ -Aminoadipate Aminotransferase: Purification, Characterization, and Evidence for Identity.
- JOSEPH KING TORGESEN, B.S., Brigham Young University; A.M. Field of Specialization: Psychology. Dissertation: Memorization Processes in Reading Disabled Children.
- MARCIA CHRISTINE TOWNSEND, A.B., Indiana University; A.M. Field of Specialization: Education. Dissertation: Homes for Rural Youth: A Catholic Church Program Designed to Reduce Migration in Colombia.
- HOWARD PAUL TRAVIS, A.B., A.M. Field of Specialization: Speech. Dissertation: Karl Haas and *Adventures in Good Music*: A Descriptive Study.
- PAULINE MOFFITT WATTS TRINKHAUS, A.B., Sarah Lawrence College. Field of Specialization: History. Dissertation: Disjunction and Metaphor: The Development of Nicolaus Cusanus' Philosophy of Man.
- STEPHEN NOEKER TWINING, A.B., Ripon College; A.M. Field of Specialization: Education. Dissertation: The Competitiveness of United States Army Special Forces Personnel for Educational Paraprofessional Positions.

HORACE H. RACKHAM  
SCHOOL OF GRADUATE STUDIES

DOCTOR OF PHILOSOPHY

- MICHAEL ALAN ULLMAN, A.B., Harvard College. Field of Specialization: English Language and Literature. Dissertation: Dickens's Haunted Heroes: A Study of the Emotional Lives of Major Characters in Seven of Dickens's Works.
- MICHAEL RICHARD VASKO, B.S. Field of Specialization: Pharmacology. Dissertation: Biphasic Effects of Morphine on Locomotor Activity and Brain Acetylcholine in the Rat.
- DETLOF VON WINTERFELDT, Diploma, University of Hamburg, Germany. Field of Specialization: Psychology. Dissertation: Experimental Tests of Independence Assumptions for Risky Multiattribute Preferences.
- WILLIAM VIEIRA VROMAN, A.B., A.M. Field of Specialization: Linguistics. Dissertation: Predicate Raising and the Syntax-Morphology-Semantics Cycle: Latin and Portuguese.
- ROY MCCLINTON WALKER, A.B., San Diego State College; M.S.W. Field of Specialization: Education. Dissertation: A Study of High School Students' Perceptions: Television Viewing, Academic Achievement, Parental Control and Aggressive Behavior.
- DAVID LILES WARREN, B.A., Washington State University; B.D., Yale University, M.U.S., *ibid.* Field of Specialization: Education. Dissertation: Town-Gown Conflict: Ideology, Class Resentment, and Group Interest in the Responses to an Elite University.
- ROBERT DAVID WATER, B.S., The Johns Hopkins University. Field of Specialization: Biophysics. Dissertation: Physical, Chemical and Biochemical Properties of 2-Amino Bicyclo (3,2,1) Octane-2-Carboxylic Acid.
- JAMES OTIS WATSON, B.S.E., University of Arkansas; M.S. Field of Specialization: Education. Dissertation: A Comparison of Two Treatments of Limits and Continuity at the High School Senior and College Freshman Levels.
- GAIL CAPITOL WEIGL, A.B., Wayne State University; A.M. Field of Specialization: History of Art. Dissertation: Foundations of a Momoyama Theme: Birds and Flowers of the Four Seasons in a Landscape.
- JOHN RUSSELL CALVIN WHEELER, B.S., University of Pennsylvania; A.M. (Econ.). Field of Specialization: Economics and Medical Care Organization. Dissertation: Economic Efficiency and Optimal Scale in Ambulatory Medical Care Production.
- CALVIN EDWARD WILLIAMS, A.B., Western Michigan University; A.M. Field of Specialization: Education. Dissertation: Helper-Therapy Principle, Patron-Therapy System, Locus of Control, Academic Enrichment and Self-Concept of Disadvantaged Adolescents.
- JOHN CHARLES WOELFEL, B.S., Canisius College; A.M., University of Illinois at Urbana-Champaign. Field of Specialization: Sociology. Dissertation: Significant Others and the Political Socialization Process.
- LEE MORRILL WOLFE, B.A., University of Colorado; M.S., San Jose State College. Field of Specialization: Sociology. Dissertation: Radical Third-Party Voting among Coal Miners, 1896-1940.
- YOSHIHIKO YAGI, B.S., Eastern Kentucky University; M.S. Field of Specialization: Microbiology. Dissertation: Characterization of an Amplifiable Tetracycline Resistance Plasmid in a Strain of *Streptococcus faecalis*.
- DONALD EDWARD ZINGER, B.M.E., General Motors Institute; M.S. Field of Specialization: Environmental Health Sciences. Dissertation: Gaseous Emissions from Unregulated Mobile Sources.
- HOWARD SHELDON ZUCKERMAN, A.B., Hunter College of The City University of New York; M.B.A., Xavier University. Field of Specialization: Medical Care Organization. Dissertation: Evolution of Career Patterns in Medicine.
- PAUL ALAN ZUCKERMAN, B.A., State University of New York at Buffalo; A.M. Field of Specialization: Psychology. Dissertation: Children's Viewing and Memory of Television Commercials.



HORACE H. RACKHAM  
SCHOOL OF GRADUATE STUDIES

CANDIDATE'S CERTIFICATE

|                              |   |  |   |
|------------------------------|---|--|---|
| CANDIDATE IN<br>ARTS         | Shannon Kelly Butler<br>English Language and<br>Literature  | Beverly Virginia Head<br>English Language and<br>Literature  | Arnold A. Sciuлло<br>English Language and<br>Literature   |
| CANDIDATE IN<br>EDUCATION    | Homer Earl Carter<br>Education<br>Charles Everett Chamberlain<br>Education  | Robert Wylie Ethridge<br>Education<br>Lyle Charles Kinsey<br>Education   | Melvia Florence Miller<br>Education<br>Patricia A. Nordstrom<br>Education   |
| CANDIDATE IN<br>MUSICAL ARTS | Edmund Francis Cioneck<br>Music: Composition<br>Tyrone D. Greive<br>Music: Performance<br>Michael Douglas Jordan<br>Music: Performance  | Kwi-Hyun Kim<br>Music: Performance<br>Tong Soon Kwak<br>Music: Performance   | Thomas Ervin Lyle<br>Music: Performance<br>John Robert Murphy<br>Music: Performance   |
| CANDIDATE IN<br>PHILOSOPHY   | J. E. Adams Jr.<br>Education<br>Christine Patmore Allen<br>Speech<br>Shigeyasu Amada<br>Applied Mechanics<br>Carol Marie Anselm<br>Education<br>Zvi Aran<br>Computer, Information and<br>Control Engineering<br><br>John G. C. Babcock II<br>Speech<br>Lisa Margaret Bailey<br>Environmental Health Sciences<br>Terri Hagan Beaty<br>Human Genetics<br>William Curtis Beckman<br>Anatomy<br>Carol Ann Reed Benkendorf<br>Toxicology<br>Suzanne Marie Bianchi<br>Sociology<br>Thomas Kuhns Black III<br>Anthropology<br>Daniel Blower<br>History<br>Ellen Susan Bober<br>Linguistics<br>Roger Paul Bober<br>Education<br>David Lee Bomgardner<br>Classical Art and Archeology<br>M. Beatriz Bonnevaux<br>Psychology<br>Gary Arthur Borkan<br>Anthropology<br>G. L. Bosshart<br>Education<br>Livia Polanyi Bowditch<br>English Language and<br>Literature<br>Raymond H. Brillinger<br>Business Administration | Raeford Brown<br>Psychology<br>Sandra Colby Browne<br>Linguistics<br>Mark Edward Browning<br>Economics<br>Loretta Susie Burns<br>English Language and<br>Literature<br>Janice Bykowski<br>Romance Language and<br>Literatures: French<br><br>Alfred Ramos Calvillo<br>Psychology<br>Susan Wilson Cameron<br>Education<br>Alejandro Camino<br>Anthropology<br>Irma Martinez Chavez<br>Education<br>Chuan-Ju Chen<br>Macromolecular Science<br>Joseph Lap-Chiu Cheng<br>Business Administration<br>Tai Hak Chung<br>Civil Engineering:<br>Sanitary Engineering<br>Robert Joseph Cline<br>Economics<br>David Theodore Coe<br>Economics<br>Homer Coleman<br>Education<br>Larry Charles Coppard<br>Education<br>Bobby Cummings<br>Education<br>Shelby Cummings<br>Education<br><br>Leonard Bruce Darling<br>History of Art<br>Muserref Agan Dede<br>Linguistics | Ronald Keith Delph<br>History<br>Plinio Dentzien<br>Political Science<br>Rocco DePietro<br>Mass Communication<br>Charlene Depner<br>Psychology<br>Barbara Lee Devaney<br>Economics<br>Ann Kutz Dickey<br>Education<br>David Ray Dillman<br>Education<br>Elizabeth Deane Dolci<br>Environmental Health Sciences<br>Michael L. Donahue<br>Education<br>Michael Lee Donnell<br>Psychology<br>Sakina Taiyebali Drummond<br>Speech<br>David Victor Duchane<br>Chemistry<br>Herbert Dupree<br>Geography<br>Marie D. Dykes<br>Education<br>Ernest Robert Edge<br>Aerospace Engineering<br>Stuart Ellens<br>Education<br>Mark Steven Ephron<br>Mathematics<br>Dan Chalmer Ewing<br>History of Art<br><br>Paul Harvey Falon<br>English Language and<br>Literature<br>Nathaniel Leon Felder<br>Education<br>John Elvin Ferguson<br>Social Work and Sociology<br>Michael Paul Ferro<br>Chemistry |

HORACE H. RACKHAM  
SCHOOL OF GRADUATE STUDIES

|                            |  |  |  |
|----------------------------|--|--|--|
| CANDIDATE IN<br>PHILOSOPHY | Jonathan David Fishbane<br>History<br>Mauricio Augusto Font<br>Sociology<br>Roselyn Lee Freedman<br>Speech<br>Catherine Elna Fruhan<br>History of Art<br>Marion Jansons Fultz<br>Human Genetics<br><br>Beth Eliot Genne<br>History of Art<br>David A. Gillette<br>Education<br>John Glazer<br>Philosophy<br>Kathleen Marie Goudie<br>Linguistics<br>John Greene<br>Chemistry<br>Ann Adams Graves<br>Germanic Languages and<br>Literature<br>Winabelle May Gritter<br>Education<br>Gerard Edward Gryczkowski<br>Nuclear Engineering<br>Germaine Joan Gwynn<br>Pharmacology<br><br>Abdulwahab Ali Hakamy<br>Comparative Literature<br>Robert Leslie Harrison<br>Education<br>Shirley Jean Hatchett<br>Sociology<br>Jane Hawes<br>Psychology<br>Stephen Sydney Hawkins<br>Education<br>JoAnne Kathryn Emch Hecker<br>Education<br>Patricia Autry Heller<br>Education<br>Ann Marie Hendricks<br>Economics<br>Roushdy Henein<br>Education<br>Percy Gonya Hentrel, Jr.<br>Education<br>Milton Edward Hill<br>Urban and Regional Planning<br>Kuo-Zong Hong<br>Macromolecular Science<br>Anne Wheeler Howe<br>History of Art<br>Howard Lawrence Hughes<br>Education<br><br>George Dan Ianculescu<br>Computer, Information and<br>Control Engineering<br>Robert L. Innes<br>History | Patricia Ann Jackson<br>English Language and<br>Literature<br>Solomon G. Jacobson<br>Natural Resources<br>Lynn Gunnar Johnson<br>Education<br>Cecile Marie Johnston<br>Psychology<br>Sylvia Norris Jones<br>Education<br>Willie James Jones<br>History<br><br>Larry Edmond Katz<br>Education<br>Elizabeth True Seifert Keller<br>Education<br>Lawrence Donald Keogh<br>Education<br>Bryan Leslie Kiehl<br>Epidemiology<br>Richard Kimble<br>Natural Resources<br>Bruce Eugene Kochis<br>Slavic Languages and<br>Literature<br>Thomas John Koop<br>Linguistics<br>Kenneth Shyer Kornman<br>Microbiology<br>David Martin Kowal<br>History of Art<br>Thomas John Kozak, Jr.<br>Germanic Language and<br>Literature<br>Martha Kransdorf<br>Education<br>Ingrid Kuhl<br>Social Work and Political<br>Science<br>Henry King-Hong Kwan<br>Pharmaceutical Chemistry<br><br>Leslie Roger Landrum<br>Botany<br>Gabriel Lanyi<br>Comparative Literature<br>Edward Brooks Lauhon<br>Education<br>Jerry Harold Laycock<br>Education<br>Chia-Chih Lee<br>Education<br>Chin-Chuan Lee<br>Mass Communication<br>Mark Evan Llewellyn<br>Psychology<br>Anne Locksley<br>Psychology<br>Michael Carroll Long<br>Material and Metallurgical<br>Engineering<br>Karen Ann Look<br>Anatomy | Walter Cheney Low<br>Bioengineering<br>Raymond A. Lukasavitz<br>Speech<br>Leonard Lynn<br>Sociology<br>Harry Heathcote Luton, Jr.<br>American Culture<br><br>Joseph Paul Maloney<br>Education<br>Elizabeth Helen Margosches<br>Biostatistics<br>Thomas E. Martinez<br>Psychology<br>Hiroschi Matsumura<br>Nuclear Engineering<br>Donna Hansen McCulloch<br>Psychology<br>Sanford McDowell<br>Education<br>John Durward McKenzie, Jr.<br>Statistics<br>Janet Elaine McLaughlin<br>Education<br>Gregg Kemp McPherson<br>Bioengineering<br>Garry A. Mendez<br>Education<br>John R. Mergendollar<br>Education and Psychology<br>Alice Rosemary Merrill<br>History of Art<br>William Lewis Merrill<br>Anthropology<br>Mervin LeVon Miller<br>Education<br>Roland R. Miller<br>Toxicology<br>Tadanori Mizoguchi<br>Nuclear Engineering<br>Eric Marc Monberg<br>Chemistry<br>Edward Alfred Morris<br>Education<br>Susan Elizabeth Murray<br>Social Work and Psychology<br><br>Mary Sue George Neal<br>Public Policy Studies<br>Judith Barbara Nickolls<br>Physiology<br>Jennifer Noyon<br>Comparative Literature<br>Judith Ann Pace<br>Education<br>John F. Padgett<br>Sociology and Public Policy<br>Studies<br>Deborah Palmer<br>Linguistics<br>Dorothy Jean Henry Patnales<br>Education<br>John Franklin Patterson<br>Psychology |
|----------------------------|--|--|--|



HORACE H. RACKHAM  
SCHOOL OF GRADUATE STUDIES

CANDIDATE IN  
PHILOSOPHY

|  |   |   |
|--|---|---|
| Jere E. Pendergrass<br>Education                                       | Nancy McClelland Schave<br>Education                          | Ruth Ann Trachimowicz<br>Anatomy  |
| Dennis Neville Perkins<br>Psychology                                   | David Edward Schlaver<br>Education                            | Judith Abbott Unger<br>Industrial and Operations<br>Engineering             |
| Zollie Aldrich Perry<br>Computer and Communication<br>Sciences         | Frederick F. Schmitt<br>Philosophy                            | Germaine Muriel VanOene<br>Romance Languages and<br>Literature: French      |
| Ruth Janssen Person<br>Library Science                                 | Gregory Peter Semonick<br>Slavic Language and<br>Literature   | Quintin Vargas III<br>Education   |
| Barry Paul Peters<br>Biological Chemistry                              | Lalit Kumar Sharma<br>Aerospace Engineering                   | Judith Garcia Villarreal<br>Education                                       |
| Loyd S. Pettegrew<br>Speech  | Melvin Harold Shelly<br>Education and Psychology              | Icaro Vitorello<br>Geology and Mineralogy                                   |
| Massoud Pirbazari<br>Civil Engineering: Water<br>Resources Engineering | Steven King Shevell<br>Psychology                             | Jeffrey Thomas Walsh<br>Psychology  |
| Zaide Elisabeth Pixley<br>Music: Musicology                            | Yung Sip Shin<br>Naval Architecture and<br>Marine Engineering | Chen-Shih Wang<br>Macromolecular Science                                    |
| Steven Paul Plotnick<br>Mathematics                                    | Duane Snyder<br>Education                                     | Barb Parmelee Warnick<br>Speech   |
| Md. Ehsanur Rahman Quabuli<br>Nuclear Engineering                      | Victoria Louise Sork<br>Zoology                               | Agnes Fralix Warren<br>Education  |
| John Elliott Radig<br>Education  | David Anton Spurr<br>Comparative Literature                   | David Scott Warren<br>Computer and Communication<br>Sciences                |
| Jay Jacob Radin<br>Psychology  | Robert L. Stallworth<br>Education                             | Mary Patricia White<br>Psychology   |
| James Arder Ray<br>Education   | Susan Ruth Stapleton<br>Germanic Language and<br>Literature   | Walter Leighton Whipple<br>Computer, Information and<br>Control Engineering |
| John Russell Ray<br>Business Administration                            | Anne Camilla Meyers Stevens<br>Toxicology                     | Stephen Merrill White<br>Slavic Languages and<br>Literatures                |
| Steven Robert Reed<br>Political Science                                | Sara Stinson<br>Anthropology                                  | Walter Wilczynski<br>Neurosciences  |
| Luke Mins Reinsma<br>English Language and<br>Literature                | Judith Marie Calle Daprich<br>Stone<br>Education              | Alexander Wilkinson<br>Psychology   |
| Juan Jose Agustin Reyes-<br>Rodriguez                                  | Rosemond Jean Stout<br>Biological Sciences                    | Jeffrey Roller Williams<br>Business Administration                          |
| Natural Resources  | Stephen Alan Suskin<br>American Culture                       | Timothy DeCamp Wilson<br>Psychology   |
| Robert James Rozof<br>Zoology  | Linda Carol Susong<br>Education                               | Alan Ronald Woodliff<br>Mechanical Engineering                              |
| William J. Ruben<br>Education  | Philip Dale Sweet<br>Germanic Languages and<br>Literatures    | Charles Edward Wright<br>Psychology   |
| Henry H. Rueter<br>Psychology  | John Milton Talbot<br>Sociology                               | Martha Ellen Wynne<br>Education   |
| George Russell<br>Education  | Thomas Jay Templin<br>Education                               | Philip Roger Yant<br>Biological Sciences                                    |
| Isabel Salas<br>Education  | Eleta Jones Thompson<br>Education                             | Abdallah A. Zubeidi<br>Linguistics  |
| Paul David Sampson<br>Statistics                                       | Judith Ann Titzel<br>Environmental Health<br>Sciences         | Mary Sabina Zurbuchen<br>Linguistics  |
| John Howard Saylor<br>Computer and Communication<br>Sciences           | Russell Tomlin<br>Linguistics                                 |   |
| John Coyle Schafer<br>English and Education                            |   |   |

HORACE H. RACKHAM  
SCHOOL OF GRADUATE STUDIES

The Executive Board of the Graduate School recommends the following candidates  
for degrees to be granted upon completion of formal requirements.

|                                       |  |   |  |
|---------------------------------------|--|---|--|
| MASTER OF ARTS                        | American Culture   | Nancy Jane Groce, B.Mus.(Flute)   | Robert Leonard Meyer, B.A.,<br>The George Washington<br>University         |
|                                       | Howard Brick, A.B.   | Rosemary Ann Kowalski,<br>B.S.Ed., Northern Illinois<br>University A.M. | Paul Barnett Royster, A.B.,<br>Princeton University                        |
|                                       | Martin Joseph Burke, B.A.,<br>The City College of The City<br>University of New York | Joselyn Gerlach Marengere,<br>A.B.                                      | Steven Alan Suskin, A.B.,<br>Knox College; A.M.                            |
|                                       | Earleen Sotondji De La<br>Perriere, A.B., A.M.                                       |   | Susan Ekse Wyman, A.B.   |
| MASTER OF<br>MUSEUM<br>PRACTICE       | Ann Elizabeth Reitz, A.B.  |   |  |
| MASTER OF<br>PUBLIC<br>ADMINISTRATION | Rubyjean Landsman Gould,<br>A.B.Ed.  | Howard T. Spence, A.B.,<br>Michigan State University                    |  |
| MASTER OF<br>PUBLIC POLICY            | James Nelson Rosen, B.A.,<br>Wayne State University                                  |   |  |
| MASTER OF<br>SCIENCE                  | Bioengineering   | Medical and Biological<br>Illustration                                  | Remote Sensing   |
|                                       | Douglas Bruce Brown,<br>B.S.(M.E.), Purdue University                                | Sandra Hucko Lewis, B.A.,<br>Allegheny College                          | Robert Allan Shuchman,<br>B.S.(Atmos. & Ocean.Sci.),<br>B.S.E.(Env.Sci.E.) |
|                                       | Kenneth Alan Burke,<br>B.S.E.(Eng.Sci.)  | John Alan Nyquist, B.F.A.   |  |
|                                       | Eugene Bernard Cole, B.S.,<br>Cornell University                                     | Cynthia Louise Rusnak, B.F.A.   | Toxicology   |
|                                       | Frank Barto Fischer, B.S.,<br>Michigan State University                              |   | Steven Terry Gordon, B.S.  |
|                                       | David Stuart Laird, B.S.(E.E.),<br>Michigan Technological<br>University              | Medicinal Chemistry   | Urban Planning and Civil<br>Engineering                                    |
|                                       | Bruce Douglas Smith,<br>B.S.E.(E.E.)   | Stephen William Frantz, B.S.,<br>Michigan State University              | William Sanford Doty, B.S.,<br>Rensselaer Polytechnic<br>Institute         |
|                                       | Philip Wayne Snedeker,<br>B.S.(C.E.), University of<br>Massachusetts in Amherst      | David Richard Wade, B.S.,<br>Purdue University                          | Water Resources Management   |
|                                       | Scott Leander Strodman,<br>B.S.E.(E.E.), M.S.E.                                      | Public Systems Engineering  | Chet Boonpratuang, B.Ec.,<br>Thammasat University,<br>Thailand             |
|                                       | Tony James Wood, B.S.E.(E.E.)  | John Christian Hagman,<br>B.S.E.(Env.Sci.E.)                            | Arnell Kendrick, B.S.  |
|                                       |  | June M. Kenfield,<br>State University of New York<br>at Albany          | Water Resources Science  |
|                                       |  | Vishnu Bhalchandra Pandit,<br>B.S.E.(Nav.Arch. & Mar.E.)                | Henry Charles Torres, B.S.,<br>Michigan State University                   |
|                                       |  | Catherine Marie Vaughan, B.S.,<br>Michigan State University             |  |



# COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

ESTABLISHED IN 1841. BILLY E. FRYE, Dean

Candidates for degrees to be granted upon completion of formal requirements

## BACHELOR OF ARTS

Ruth Evon Dery Abbott  
Douglas Paul Abel  
Mary Margaret Alland  
Deborah Jean Allen  
Kurt Anthony Anselmi  
Jeanne Eloise Arnold  
Henry Root Austin  
Richard Bennett Baer  
Gary Edward Baker  
James Raymond Baker  
Thomas Jones Baker  
Murray Samuel Baruch  
Larry Dale Bates  
Tracy Curwen Beggs  
Orith Ben-Dor  
Peter Wells Bennett  
Susan Ann Berger  
Vera Henriette Bergermann  
Jonathan Bernstein  
Jodi Ellen Bilinkoff  
Scott Burdett Billings  
Janet Elaine Birk  
Daniel Harry Blugerman  
Mary Beatrice Bovich  
Leslie Ann Brown  
Robert Ira Brown  
Allesia Victoria Daniels  
Buckingham  
Peter William Burg  
Laura Jo Centofanti  
Henry Nunn Cobau  
Deborah Marcy Cohen  
Lawrence Ira Cohen  
Roger Stephen Cohen  
Anthony Wayne Collins  
Cynthia Marsden Coon  
Lawrence Jay Cooperman  
Carol Sue Cooperrider  
Christopher M. Costello  
David Rudolf Crawford  
Deborah Anne Darin  
Nancy Joan Dawson  
James Richard Day  
Thomas John DeKornfeld  
Margaret Knowles Deupree  
John Evan Diring  
Cynthia Jo Dixon  
Patricia Bolam Draper  
Terry Lee Dunivin  
Margaret Jean Elias  
Timothy Paul Elve  
Mary Helen Emerson  
Larry Alan Engle  
Cheryl Ann Elfond  
Emily Susan Esch  
Carolyn Frances Ettinger  
Ronald Sanford Farber  
Wendy Field  
Brian Michael Fielding

Vadim Fischer  
Marc Boone Fitzerman  
Marc Gary Fishleder  
Debra Darlene Flanz  
Carol Lynn Fleisher  
Ruth Victoria Fluegge  
Carol Marie Flynn  
Michele Marie Follen  
Linda Susan Fox  
Charles Robert Franklin  
Daniel Louis Freye  
Nancy Augusta Frumer  
Ilona Elizabeth Gasdick  
Toby Ann Gersh  
Gary Heath Gilfillan  
Candice Goldstein  
Tommy J. Godell  
Linda Holly Gordon  
Donna Harris Gray  
Lewis Cox Green  
Charles Bennett Gross  
Candace Ogilvie Guthier  
Joanne Carrie Haas  
Mark Robert Hale  
Leslie Wynne Hall  
Adelvia Gay Halstead  
Lura Sheryl Harrison  
Sandra Babette Heiman  
Thomas Allan Heller  
James Andrew Hendriksen  
Isabel Sheila Herling  
Ellen Sue Hexter  
Kirt Michael Hill  
Ng James Hing  
David Arthur Hintzman  
Richard Alexander Hodas  
Deborah Marguerethe Hoke  
Connie Jane Howard  
Lawrence Yale Iser  
Steven Bruce Iskwitz  
Patricia Anne Jacobites  
Max Bradley Jenkins  
Lynn Karen Jocham  
Audrey Elise Johnson  
Carla Ann Johnson  
Laurie Ellen Johnson  
Thomas Emil Johnson  
Julianne Johnston  
Christopher Conrad Juliet  
Brian Keating  
Robin Kegley  
Elizabeth Sargent Kelly  
Lynden Ann Kelly  
Cheryl Ann Polewach King  
Steven Bruce Klinsky  
Kathryn Susan Klot  
Michael James Knoff  
Jeffrey Doran Knowles  
Mary Teresa Kogut

Victoria Louise Kovari  
Rae Annette Kozloff  
Janice Kay Kraai  
Julia Anne Krevans  
John Boyd Krisel  
Debora Rose Krohn  
Lee Moss Kutner  
Kirk Richard Kwiecinski  
Winnie Oi Fong Kwok  
Janet Elizabeth LaBeau  
Lawrence Sevallia Lackey  
Mary Mildred Cecilia Lane  
Anthony Bradford Lang  
Noreen Therese Lark  
Michael George Lash  
Anne Hartzell Laurent  
Lynn Karen Lawrence  
Leslie Robin Leach  
Frederick Charles Leech  
Mara Magdalena Letica  
Susan Jane LeVan  
David B. Liner  
Sarah Jane Lockwood  
Mary Eileen Loehner  
Christopher Matthew Lord  
Calvin Arno Luker  
James Domit Mackraz  
Linde Christine Malefyt  
Pamela Estelle Mapes  
Janet Mary Marchetti  
Pamela Jean Marshall  
Robin DeAnn Martin  
Stephen Philip Mason  
Patricia Ann McClelland  
Pamela Jo McFall  
Joseph William McMullen  
James Murray Miclot  
Mary Josephine Midura  
Margaret Rose Mier  
Rodney Thomas Miller  
Mary Diane Moore  
Liesel Rae Muth  
Ruth Naiditch  
Charles Benson Nalbandian  
Stephen Erling Nepstad  
Joe William Neuenswander  
Martha Mary Niemann  
Elizabeth Clark Oesterle  
Suzanne Kay Olson  
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of The City University of  
New York  
Debra Joy Lens, B.S.,  
The Pennsylvania State  
University

Carol Ronny Lerner, A.B.,  
Queens College of The City  
University of New York  
Brenda Rebecca Pakier,  
B.S.(Speech and Hearing  
Science), University of  
Illinois, Urbana-Champaign  
Marcia Lynn Roseman, A.B.,  
University of Maryland,  
College Park  
Deborah Suzanne Snyder, A.B.  
Linda K. Sophin, B.S.,  
University of Utah  
Barbara Lynn Spindel, B.A.,  
State University of New York,  
College at New Paltz

Betty Jane Tanner, A.B.  
Allan Lee Tucker, B.S.,  
Ferris State College  
Linda Gay Wise, A.B.  
Nancy Lee Zaks, B.S.,  
Boston University

Zoology

Alan Philip Jaslow, B.S.,  
University of Wisconsin,  
Madison  
Gregory Peter Kent, B.S.  
David Sunderland Wethey, A.B.,  
Yale University

MEDICAL SCHOOL

ESTABLISHED IN 1850. JOHN ARNOLD GRONVALL, Dean

Candidates for degrees to be granted upon completion of formal requirements

MASTER OF SCIENCE

Anatomy

Carol Drinkard, B.S.  
Mary Paula Neumann, B.A.,  
Gustavus Adolphus College

Biological Chemistry

James Ellsworth Bishop, B.S.,  
University of Minnesota,  
Minneapolis  
Paul Andrew Davis, B.S.(Chem.)

Kathleen Mary Groff, B.S.

John Michael Kale, B.S.,  
The Pennsylvania State  
University

Andrew Douglas Smith, B.S.,  
Michigan State University

Human Genetics

James Douglas Paauw, B.S.,  
Calvin College

Microbiology

Rex Leslie Chisholm, B.G.S.

Ophthalmology

Arthur Albert Wall, A.B.,  
Ohio Wesleyan University

Pharmacology

James Allan Grubman, B.A.,  
University of Rochester



# LAW SCHOOL

ESTABLISHED IN 1859. THEODORE J. ST. ANTOINE, Dean

Candidates for degrees to be granted upon completion of formal requirements

## JURIS DOCTOR

David John Adams, B.A.,  
St. Olaf College  
Carolyn Dolores Bell, A.B.  
Jeffrey Oliver Birkhold, A.B.  
Steven Aaron Blaske, B.A.,  
Michigan State University  
Nancy Louise Bosh, A.B.  
Kenneth Bond Breese, B.A.,  
Western Michigan University  
Stephen Lee Burlingame, B.A.,  
Andrews University  
Gaylen J. Byker, B.A.,  
Calvin College  
David Randall Case, B.A.,  
Amherst College  
Paul Albert Centolella, A.B.,  
Oberlin College  
Lynn Penchalk Chard, B.A.,  
Michigan State University,  
M.A., *ibid.*; A.M.L.S.  
Willie James Cohens, Jr., B.S.,  
Michigan State University,  
M.S., *ibid.*  
Judith Ellen Cohn, B.A.,  
Lake Forest College  
Mattie Peterson Compton, B.A.,  
Smith College  
Colleen Mary Cullitan, B.A.,  
Western Michigan University  
Helen Hope Cummins, B.A.,  
Wayne State University  
Marc David Cumsy, B.A.,  
The New School for Social  
Research; A.M.  
David Lawrence Dawson, B.A.,  
Hamilton College  
William James Davis, Jr.,  
B.G.S., The University of  
Nebraska, Omaha  
Gregory Paul Dunsky, B.A.,  
University of Dayton  
Richard Louis Epling, B.A.,  
Duke University  
Mary E. Fielding, B.A.,  
University of Notre Dame  
David W. Fisher, B.A.,  
Michigan State University,  
B.S., *ibid.*

Michael Renner Flaherty, A.B.,  
University of Notre Dame;  
M.B.A., University of Chicago  
Stanley Gelfand, B.A.,  
State University of New York  
at Stony Brook  
Carl Frederick Gerds, B.S.,  
University of Detroit  
Henry Lewis Gompf, B.M.E.,  
Cornell University  
Thomas Louis Gruich, B.A.,  
Michigan State University  
Melvin Jacob Guyer, A.B.,  
Wayne State University; Ph.D.  
William Charles Hays, B.A.,  
Michigan State University  
Samuel Kahler Hodgdon, A.B.  
James Paul Howard, B.A.,  
Wesleyan University  
Robert Humiston Hume, B.G.S.  
Barbara Ann Klimaszewski, B.A.,  
Oakland University  
Simon Paul Kresch, B.A.,  
Wayne State University  
George Alexander Lehner, Jr.,  
B.A., Wesleyan University  
Kathryn Ann Lincoln, B.A.,  
Michigan State University  
Jonathan David Lowe, B.A.,  
Oakland University  
Michael Patrick McReynolds,  
B.A., Michigan State  
University  
Jonathan S. Morse, B.S.E.,  
Princeton University  
Reuben Alexander Munday,  
A.B., Cornell, M.P.S., *ibid.*  
Charles Thomas Myers, B.A.,  
The Pennsylvania State  
University  
Pedro Galindo Nieto, A.B.  
Lawrence Clifford Paulson, A.B.  
Brian Kenneth Porter, B.S.,  
Wright State University  
Frances Eleanor Prevas, B.A.,  
University of Wisconsin,  
Madison; A.M.

James Lee Price, A.B.,  
Stanford University  
Mark E. Putney, A.B.  
Gregory James Rappleye, A.B.,  
Albion College  
Kenneth Errol Reeves, A.B.,  
Harvard College  
James Alvin Robinson, B.S.,  
Wayne State University,  
M.B.A., *ibid.*  
Dennis Michael Romo, B.S.,  
University of Southern  
California  
Reynolds Darryl Saddler, B.A.,  
Michigan State University  
Jenifer Schramm, B.A.,  
Stanford University  
Don Charles Shoemaker, B.A.,  
Doane College  
John Alexander Sinclair,  
B.S.E.(M.E.)  
Thomas Allen Smith, B.B.A.,  
University of Wisconsin,  
Milwaukee; M.A.T., Oakland  
University  
William George Snead, A.B.,  
University of California,  
Berkeley, M.A., *ibid.*, Ph.D.,  
*ibid.*  
Dona Aleta Tracey, B.A.,  
Wayne State University  
William Howard Tucker, B.A.,  
Wayne State University  
Howard C. Ulan, A.B.,  
Rutgers College; Ph.D.,  
Northwestern University  
Andrew Michael Walkover, B.A.,  
Stanford University  
Theodore Calvin Wallace, B.S.,  
Wright State University  
Valdemar Luther Washington,  
B.A., Michigan State  
University  
J. William Whitlock, A.B.,  
Hope College  
Sharon Margaret Williams, A.B.  
Andrew Michael Zack, A.B.

## MASTER OF COMPARATIVE LAW

Makazu Ikeda, Hogakushi,  
University of Tokyo, Japan

Thierry Bernard LaGasse de  
Locht, Bachelier en  
Philosophie, University of  
Louvain, Belgium, Licence  
en Droit, *ibid.*

Akira Watanabe, Hogakushi,  
Hitotsubashi University,  
Japan

# LAW SCHOOL

## MASTER OF LAWS

Fulin Chao, LL.B.,  
Military Law School,  
Republic of China, LL.M.,  
*ibid.*  
Anton Johan Claessens,  
Kandidaat in de Rechten,  
University of Antwerp,  
Belgium, Doctor Juris and  
Licentiaat-Notariaat,  
University of Louvain,  
Belgium

Jean-Michel Detry, License en  
Droit, Universite Libre de  
Bruxelles, Belgium, Licence  
en Droit Economique, *ibid.*  
Jean Louis Joris, Lic. Rechten,  
Vrije University, Belgium,  
Lic. Econ. Recht, *ibid.*  
Christian Ernest Kuse,  
Staatsexamen, University of  
Tubingen, Federal Republic  
of Germany

Masatoshi Nishikawa, LL.B.,  
Kyoto University, Japan  
Colin S. Phegan, B.A.,  
University of Sydney,  
Australia, LL.B., *ibid.*  
Ronald Raymond Volkmer,  
A.B., Creighton University,  
J.D., *ibid.*; LL.M., University  
of Illinois  
Michelle Carol White, A.B.,  
Rutgers University, J.D., *ibid.*



# SCHOOL OF DENTISTRY

ESTABLISHED IN 1875. WILLIAM RICHARD MANN, Dean

*Candidates for degrees to be granted upon completion of formal requirements*

**DOCTOR OF  
DENTAL SURGERY**

**Stephen Michael Beedle**

*Candidates recommended jointly by the School and the Executive Board of the Graduate School*

## MASTER OF SCIENCE

## Denture Prosthodontics

William Jarman Davis, D.D.S.,  
Marquette University  
Glen Carroll McDowell, D.D.S.

## Oral Surgery

Stephen Clyde Farr, D.D.S.,  
Marquette University

## Pedodontics

**Gary Clarence Hollman, D.D.S.**

## Periodontics

Elmar Ezis, D.D.S.,  
The Ohio State University  
Emilantonio Guinard,  
Doctoris in Odontologia,  
Pontificiae Universitatis  
Xaverianae, Columbia

Brian Joseph Lahiffe, B.D.S.,  
University College, Ireland

## Restorative Dentistry

**Ali Alem, D.D.S.,  
National University of Iran  
Kianoush, Farkhondehpay,  
D.D.S., National University  
of Iran**

COLLEGE OF  
PHARMACY

ESTABLISHED IN 1876. ARA G. PAUL, Dean

*Candidates for degrees to be granted upon completion of formal requirements*

**BACHELOR  
OF SCIENCE  
IN PHARMACY**

### Lucia Hanya Ku

**DOCTOR OF  
PHARMACY**

Ruth Anne Merryman  
Michael Dean Reiter

Cortney Paul Stegemann

### Duane Edward Warren

**BACHELOR  
OF SCIENCE  
IN MEDICINAL  
CHEMISTRY**

Mark Kermit Langworthy  
Gary Edward Ross

# COLLEGE OF ENGINEERING

ESTABLISHED IN 1895. DAVID V. RAGONE, Dean

Candidates for degrees to be granted upon completion of formal requirements

## BACHELOR OF SCIENCE

### Applied Mathematics

Edgar Omar Ovalles  
Roger Alan Burgett

### Atmospheric and Oceanic Science

Stanley John Chingo

## BACHELOR OF SCIENCE IN ENGINEERING

### Aerospace Engineering

John Eric Bloom  
Roger Alan Burgett  
Jeffrey John Fetherolf  
Behruz Filsuf  
Timothy Leo Gaynor  
Paul Richie Knevels  
Adelaja Alan Montgomery  
Paul Alan Nordstrom  
Dennis George Pelaccio  
Dennis Elmer Roth  
Robert John Vander Molen  
David Edwin Zapp

### Chemical Engineering

Frederick Joseph Czubak  
George Michael Drewett  
Ahmed Farid El-Hage  
Stephen James Engers  
Levon Hachigian  
David Robert Heidel  
Clifford James Hollenbeck  
Larry Charles Jost  
Ernest John King, Jr.  
Deborah Jean Mandreger  
Kurt Anthony Rudolph  
Kenneth Wayne Sherwood  
John Anthony Thomas

### Civil Engineering

Issam Akram Albukai  
Milton Owen Augustus Barrett  
Bruce Harry Bock  
Peter Jay Bosscher  
Beth Arlene Cammenga  
William Stuart Carnes  
John Patrick Cronk  
James L. Eckman  
Marilynn Edwards  
Mohammad Reza Ehsani  
Majid Geramian  
Ghazal S. Ghazal  
Philip Edwin Groves  
William Patrick Heil  
Robert James Hoeksema  
Earl Carl Howard  
Alain Robert Huet De Guerville  
Everton George Hunter  
Kenneth Stephen Karpczuk  
Michael Boles Mair  
John Edward Malloure  
David Pytleski  
Steven Michael Rienks

Douglas John Cook  
Steven Charles Down  
James Richard Geyer  
Michael Raymond Jobin  
Francis Michael Kieltyka  
Jan Mandrup-Poulsen

Thomas Joseph Stang  
Robert Arthur Stead  
Terrence Garner Stefan  
David W. Stek  
Mark Jay Ten Broek  
William Charles Thompson  
Lee Herbert Van Ginhoven  
David Jon Vander Wal  
Brien Kurt Wassman  
Asadollah Kajooi Yaghoobi

### Computer Engineering

Jamshid Ansari  
Ricky Lynn Bosley  
Brian Stephen Cashman  
Alexander Arthur Kushnir  
Perry Alan Lipford  
John R. MacGregor  
Donald Joseph Marzewski  
David Lambert McCubbrey  
Cecil Wayne Murray  
Rosary Ann-Jeanette Ryan  
David Neilan Smith  
Steven James Spencer  
Joseph Ivan Stevens, Jr.  
Dennis Walter Tokarski  
Donald Kenneth White, Jr.  
Robert Paul Williams

### Electrical Engineering

Adib Melhem Al-Awar  
Gary Edward Brackett  
William Stuart Carnes  
Gregory James Chandler  
Richard Patrick De Vriese  
James Arthur Dittmar  
Raul Gustavo Dominguez  
Anderson Duggar III  
Itzhak Elrom  
Dale Robert Feikema  
Barry Allen Goldsmith  
Mark Lawrence Haddox  
Donald Bryce Jenkins  
John Joseph Keller  
Lawrence John Koziel  
David E. Lieberman  
John R. MacGregor  
Daniel Steven Mandreger  
Angelo Muzzin  
Mourad Oulid-Aissa  
Okoro Edafirobo Ozomaro  
Hooshmand Pezeshki  
Gregory Drew Raskin

Gary Joseph Rizzo  
Michael Joseph St. Peter

### Engineering

William Garnet Gerrish  
Christian Fredrick Schroeder

Vikram Boda Reddy  
Wadih Joseph Saleh  
Daniel John Schmieder  
Mohammad Ali Shoukoufeh  
Steven James Spencer  
Herbert Carl Stankwitz, Jr.  
Jeffrey John Stuparits  
Dennis Walter Tokarski  
Mohammed Hamed Turbag  
Edward Minsen Wang

### Engineering Science

Robert Leslie Abrams  
Frank Carollo  
Donald Andrew Hemberg  
Roscoe Bonisteel Johnson  
Christopher John Marzonie  
Angelo Muzzin  
Michael William Soltis

### Environmental Sciences Engineering

Pamela Ann Francis  
Bruce Clyde James  
Dennis George Pelaccio

### Industrial and Operations Engineering

James Charles Achtenberg  
Jay Shawn Baron  
Richard Redwood Deupree III  
Jeffrey Crawford Du Comb  
Patrick Raymond Gaillard  
Tuong Triev Le  
Michael David Mancini  
Ifeanyichukwu Louisa-Mikel  
Obioha  
Donald Carl Olsen  
Juan Mario Valencia  
Roger Paul Ziemba

### Materials and Metallurgical Engineering

Larry Edward Byrnes  
Larry Charles Jost

### Mechanical Engineering

John William Baier  
Scott Alan Barber  
Robert Phillip Benjey  
Keith Michael Brachel  
Thomas Earl Cisler

# COLLEGE OF ENGINEERING

## BACHELOR OF SCIENCE IN ENGINEERING

David Michael Dillon  
Thomas Stacy East  
Patrick Vincent Farrell  
Steven James Gray  
Thomas Walter Huetteman  
Andrew Dale Joslin  
Blaine Alvin Keib  
Ronald Lee Kett  
Michael Paul Kleihege  
Richard Kenneth Koths  
Pamela Martin Martinez  
Richard Carl McConkie  
Lance Keeton Olson  
Eng Chowg Ong

Kenneth Steven Park  
Jeffrey Dale Peerbolt  
Dan William Prevost  
Saeed Rashidi-Yazd  
Edwin John Stanke  
Thomas Mark Stegink  
Martin Langdon Straub  
Ronald Lee Trachet  
Harold Diuguid Wiard

### Naval Architecture and Marine Engineering

Robert George Beadling  
Steven I. Davis

Jeffrey John Fetherolf  
Douglas Arthur Graham  
Mark Nevil Haller, Jr.  
William Lefevre Hurley  
Daniel Mark Makucevich  
John McKay Rosborough  
Terrence Michael Smith  
Brian Eck Trenhaile  
William Henry Tripp

### Nuclear Engineering

Douglas Martin Minnema  
Brian Charles O'Donnell  
Abdelhamid Mohamad Younis

Candidates recommended jointly by the College and the Executive Board of the Graduate School

## MASTER OF SCIENCE

### Atmospheric Science

Robert Leland Davis, B.S.,  
Central Michigan University  
Robert Bradbury Harvey, Jr.,  
B.S., Rensselaer Polytechnic  
Institute

### Computer, Information and Control Engineering

Daniel James Dembinski, B.S.,  
Oakland University

## MASTER OF SCIENCE IN ENGINEERING

### Aerospace Engineering

Segun Olufemi Awokoya,  
B.S.E.(Aerospace E.)  
Howard William Beatty,  
B.S.E.(Ch.E.)

### Chemical Engineering

Ronald J. Lutz, B.S.(Ch.E.),  
University of Illinois,  
Urbana-Champaign  
Seema Shafi, B.E.,  
University of Karachi, India

### Civil Engineering

Riad Sleiman Al-Awar,  
B.S.E.(C.E.)  
Ahmed Ibrahim Fakhro,  
B.S.E.(C.E.)  
Kin Chung Lam, B.S.E.,  
National Taiwan University,  
Republic of China  
Luis Felipe Mahiquez, B.S.(C.E.),  
North Carolina State  
University, Raleigh  
Say-Chong Ng, B.S.E.,  
National Taiwan University,  
Republic of China  
Lawrence G. Snagster,  
B.S.E.(C.E.)

### Civil Engineering: Construction

Prasas V. Tumuluri,  
B.Eng.(Civil), Sri Venkateswara  
University, India

Brian Douglas Jeltema, B.S.,  
Michigan State University  
Deborah Helen Folger, A.B.,  
University of Redlands

### Industrial and Operations Engineering

Robert Doyle Foley, B.S.  
Philip John Smith, A.B.

### Civil Engineering: Sanitary

Milton Owen Augustus Barrett  
Wahib Abdullah Bawarith,  
Laurea, Universita degli  
Studi de Bologna  
Frank Marian Tymowski,  
B.S.E.(C.E.)

### Civil Engineering: Water Resources

Peter Roland Daukas,  
B.S.E.(Ch.E.)  
Kai Honore Hansen, Jr.,  
B.S.E.(M.E.)  
Chi-Lei Christopher Liu,  
Feng Chia College of  
Engineering and Business,  
China  
Michael Robert McGill,  
B.S.E.(C.E.), M.S.E.  
Rene David Molina,  
B.Applied Science, Southern  
Methodist University  
Terry Michael Tobel, B.S.(C.E.),  
Michigan Technological  
University

### Computer, Information and Control Engineering

Houton Aghili, Licence,  
Arya-Mehr University, Iran  
John Richard Bonn,  
B.S.E.(Comp.E.)  
Manuel J. Deuriarte,  
Ingeniero Industrial, Excuela

### Nuclear Science

Paul Richard Meernik, B.S.,  
Michigan Technological  
University  
Wayne Robert Zeuch, B.S.,  
Illinois Institute of  
Technology

Tecnica Superior de  
Ingenieros Industriales  
de Bilbao, Spain  
Raymond O'Neil Golden,  
B.S.E.(Sci.E.)  
Daniel Richard Hegg,  
B.S.E.(Ae.E.), M.S.E.  
Fred John Looft III,  
B.S.E.(E.E.), M.S.E.  
David Warren Munson,  
B.S.E.(E.E.)  
Cherayathumadom Mahalingam  
Narayanan, B.E., Indian  
Institute of Science  
S. Radhamohan, B.Eng.,  
Bangalore University, India  
Jorge Ramon, Ingeniero  
Electricista, Universidad  
Industrial de Santander,  
Colombia  
Michael John Schneider,  
B.S.E.(M.E.)  
William Dean Wolters,  
B.S.E.(Comp.E.)

### Electrical Engineering

Humberto Gerardo Acosta,  
B.S.E.(E.E.)  
Karabet Adjemian, B.S.,  
Worcester Polytechnic  
Institute  
James Melvin Beach,  
B.S.E.(E.E.), M.S.  
Yousef Bina, B.S.,  
Oklahoma State University



COLLEGE OF ENGINEERING

MASTER OF  
SCIENCE IN  
ENGINEERING

Michael Kenneth Brown,  
B.S.E.(E.E.)  
William Edmund Bulley, B.S.,  
M.S.  
Jesus Ali Camacaro, Ingeniero  
Electricista, Instituto  
Universitario Politecnico  
Barquisimeto, Venezuela  
John Robert Deller, B.S.E.E.,  
The Ohio State University;  
M.S.  
Magdy Adly Ibrahim Fahim,  
B.Elect.E., Higher Industrial  
Institute, Shebeen-el-Koum,  
Egypt; M.Sc.(Elec.Mach.),  
High Institute of Technology,  
Helwan, Egypt  
Thomas Edwin Hall, B.S.E.,  
Duke University  
Russell Emory Hammond  
B.S.E.(E.E.)  
Kenneth Drexel Holloway,  
B.S.E.(E.E.)  
Simon Iliev, B.S.E.(E.E.)  
Muhammad Ishaque, M.Sc.,  
University of the Panjab,  
Pakistan  
Thomas Nelson Kackson,  
B.S.E.(E.E.)  
Reze Jafari, B.S.,  
Louisiana State University  
& A.&M. College  
Derek Ham Kroes, B.S.E.(E.E.)  
Han Sup Kwon, B.S.E.,  
Seoul National University,  
Korea  
Kwok Leung Lee, B.S.E.(E.E.)  
David Scott Lowrie, B.S.E.(E.E.)  
Ronald Craig Parsons,  
B.S.E.(Comp.E.)  
Thomas Alvin Russell, B.S.E.  
William David Tarver,  
B.S.E.(Elect.E.)  
Oscar George Thomas, B.S.,  
Morehouse College; M.S.,  
University of Pittsburgh  
Pairaj Waiquamdee, B.Eng.,  
Chulalongkorn University,  
Thailand

Engineering Materials

Jerry Wayne Hoffman,  
B.S.E.(Matl. & Met.E.)

Industrial and Operations  
Engineering

Shishir Chandra Babu, B.Eng.,  
University of Mysore, India  
James B. Bancuk, B.S.E.(C.E.)  
Jesus R. Barreda, Ingeniero  
Mecanico Electricista,  
Universidad Iberoamericana,  
Mexico  
Ebrahim Brelian, B.S.E.(E.E.),  
M.S.E.

Harold Floyd Brubaker, B.M.E.,  
General Motors Institute  
Dale Millard Crawford,  
B.S.(E.E.), University of  
Pennsylvania; M.B.A.,  
Tulane University  
Dan Roger Dykstra,  
B.S.E.(I. & O.E.)  
Francisco Fernandez, Ingeniero  
Mecanico Electricista,  
Universidad Iberoamericana,  
Mexico  
William Dean Goodall,  
B.S.E.(Indus. & Oper.E.)  
Hasim Mehmet Gundogdu,  
M.Sc.E., Technical University  
of Istanbul, Turkey  
Daniel Joseph Habes, B.S.,  
Rochester Institute of  
Technology  
Alan Edward Hyrila,  
B.S.E.(E.E.)  
Emilio Maximiliano Illanes,  
Ingeniero Quimico,  
Universidad Iberoamericana,  
Mexico  
David Chester Kopin, B.M.E.,  
General Motors Institute  
Javier Ignacio Mijares,  
Ingeniero Quimico,  
Universidad Iberoamericana,  
Mexico  
Paulo de Souza Moraes,  
Engenheiro Civil,  
Universidade de Sao Paulo,  
Brazil  
Gerardo Ignacio Perez,  
Ingeniero Mecanico  
Electricista, Universidad  
Iberoamericana, Mexico  
Ming-Lung Allen Tsao, B.Eng.,  
Feng Chia College of  
Engineering and Business,  
Republic of China  
Paiboon Waiquamdee, B.Eng.,  
Chulalongkorn University,  
Thailand

Naval Architecture and  
Marine Engineering

Sangil Lee, B.S.,  
Grand Valley State College  
Ricardo Sandoval Paras,  
B.S.(M.E.), University of  
The Philippines  
Iskender Sahin, Muhendis,  
Istanbul Teknik Universitesi,  
Turkey  
Bruce David Wintersteen, B.S.,  
United States Coast Guard  
Academy

Naval Architecture and Marine  
Engineering and Aerospace  
Engineering

Zvi Karni, B.S.E.(M.E.)

Mechanical Engineering

Paul Robert Bareman,  
B.S.E.(M.E.)  
Richard Scott Borsos,  
B.S.E.(M.E.)  
John Charles Edwards  
Antoine Nouri El-Hasrouni,  
B.S.E.(M.E.)  
David Alan Finch, B.S.E.(M.E.)  
Rodney Ramon Haywood,  
B.S.E.(M.E.)  
Alfred Charles Loos, B.S.E.(M.E.)  
John Michael Mackovjak,  
B.S.E.(M.E.)  
Jacob O. Pearce, B.S.(M.E.),  
Detroit Institute of  
Technology  
Barbara Estella Philippopoulos,  
B.S.(M.E.), The University  
of Arizona  
Richard Z. Ponski, B.S.E.(M.E.)  
Robert Alan Russell,  
B.S.E.(M.E.)  
Michael John Schneider,  
B.S.E.(M.E.)  
Daniel Robert Stacer,  
B.S.E.(M.E.)  
John Howard White, B.M.E.,  
General Motors Institute  
Yosef Yerushalmy, B.S.E.(M.E.)

Metallurgical Engineering

Edward Joseph Dziura,  
B.S.(Met.E.), Michigan  
Technological University  
Larry Richard Smith, B.S.,  
Wheaton College, Illinois

Nuclear Engineering

Raymond Michael Berg,  
B.S.(E.E.), Michigan  
Technological University  
James William Bryson,  
B.S.E.(Nucl.E.)  
Fernando Elizalde, Ingeniero  
Quimico, Universidad  
Nacional Autonoma de  
Mexico  
Howard Fields, B.S.,  
Oakland University  
Jesus Maria Goiri, Ingeniero,  
Escuela Superior de  
Ingenieros Industriales  
"L. J. de Torrontegui," Spain  
Kenneth Henry Knorr,  
B.S.E.(Nucl.E.)  
Manubhai Chhotabhai Patel,  
B.S.(M.E.), Detroit Institute  
of Technology  
Peter Joseph Rashid, B.S.(N.E.),  
The University of Arizona  
Warren Parker Snapp, B.S.(E.E.),  
University of Washington

COLLEGE OF  
ARCHITECTURE  
AND URBAN PLANNING

ESTABLISHED IN 1913. ROBERT C. METCALF, Dean

Candidates for degrees to be granted upon completion of formal requirements

MASTER OF  
ARCHITECTURE

David Richard Christian, B.S.  
Clark Sackett Davis, B.Env.Des.,  
University of Kansas  
Russell Walter Dixon, B.S.  
Paul Badger Fitzsimons, B.S.  
Mark Alfred George, B.S.  
Ali Ghalamfarsaye-Mostofi, B.S.  
James Neill Hays, B.S.  
Darrell Robin Herbruck, B.S.

George John Kimmerle, A.B.,  
Washington University  
Jack Edward Knol, B.S.  
Randal Dean Lilly, B.S.  
Willie Ray Manning, B.Arch.,  
Southern University  
Mark Mihran Mardirosian, B.S.  
Philip Woodbury Melcher, B.S.  
Cynthia Hayward Pleitner, B.S.  
Jeffrey Howard Rolland, B.S.

Hassan Shafii, B.Env. Studies,  
University of Detroit  
Carol Sue Simon, B.S.  
Marc Brian Sletten, B.S.,  
North Dakota State University  
Daniel Walter Sobieray, B.S.,  
as of May 1, 1976  
Gregory Jon Stack, B.S.  
Bruce Dewitte Wyckoff, B.S.

BACHELOR  
OF SCIENCE

Robert Harry Blank, Jr.  
Michael Leslie Bouey  
Constance Sue Clifton

Ronald Robert Creswell  
John Edward Halada

Shelley Elise Heyman  
Thomas James Kleist

Candidates recommended jointly by the College and the Executive Board of the Graduate School

MASTER OF  
URBAN PLANNING

Marc Grossman, A.B.,  
Brandeis University  
Lois Lee Hartz, B.S.  
George Alexander Lehner, B.A.,  
Wesleyan University

Gail Anne Pashos, A.B.,  
Purdue University  
Mohammed Rahamian, Diploma,  
Canterbury College of Art,  
United Kingdom

Stephen Lawrence Smith, A.B.,  
Aquinas College  
Laurie Lee Wargelin, A.B.,  
Connecticut College  
Kimball Carroll Woodrow, A.B.



# SCHOOL OF EDUCATION

ESTABLISHED IN 1921. WILBUR JOSEPH COHEN, Dean

Candidates for degrees to be granted upon completion of formal requirements

## BACHELOR OF ARTS IN EDUCATION

Vicky Lynn Acton  
Rosemary Bagdasarlian  
John Alfred Baker  
Barbara Burness Bell  
Margaret Anne Berg  
Hope Bierman  
Adrienne Marie Blake  
Jodi Nan Boren  
Freddie M. Brewster  
Patricia Carol Burns  
Miriam Julia Chambers  
Heidi Marie Mosby Cobb  
Darlyenne DuPrey Collins  
Paulette Cook  
Debra Sue Dietrich  
Margie Lynn Dunitz  
Peter John Emmerson  
Richard Alan Frazier

Corine Freeman  
Lynne Bergmans Gabler  
Jane Louise Hillery  
Tommy Lyne Holland  
Eve Hope Horowitz  
Marjorie Gay Jansen  
Thomas Peter Jensen  
Patricia Ruth Kretzschmar  
Thomas Anthony Lelich  
Karen Susan Lerner  
Christopher William Long  
Ellen Frede Lynn  
Lisa Ann Manzini  
Gregory Alan Morton  
Janette Maria Nash  
Susan Ann Olencki  
Theodore Allen Oren  
Brenda Ann Parker

Martha Jeanne Peterson  
Deborah Leigh Petrovich  
Sherry Lee Reus  
James David Schrock  
Jacquelyne Marie Scott  
Beth Ann Siegel  
Ruthann Rae Skellenger  
Thomas Gerard Sprys  
Peter Philip Stanwood  
Donald Mark Tapping  
Josephine Ann Tucker  
Steve Jay Weiss  
Stephen James Wetherbee  
Cecilia Helen White  
Deborah Chilton Wilson  
Robert Lee Wood  
Christine Ann Yalda  
Mary Jo Yob

## BACHELOR OF SCIENCE IN EDUCATION

Owen Herman Bailey  
Carol Marie Balint  
James Francis Bennett  
Amy Bernstein  
Richard Jacques Bigras  
Charlene Blanchard  
Lyndell Lucas Culver  
Lesley Jean Danforth  
Denise Lorraine Dawson  
Valarie Hall Dudley  
Amy Beth Goldwater  
Mark Gerard Greenwell  
Patricia Louise Hatfield  
Patricia Hoffman

Richard Albert Hurst  
Virginia Keelean Ivkovich  
Thomas Henry Joyce  
Donald Keith Kehrer  
Karen Marie Kennedy  
Brian William Leigh  
Kim Irvin Marburger  
Karen Sue Masters  
Maryanne Theresa Moses  
Suzanna Fay Moss  
Kathleen S. Pangle  
Marcia Lynn Pettiford  
Kenneth Henry Rahn  
Ann Hibbard Redding

Daniel Wayne Robinson  
Francis Gerard Sabourin  
Aviva Beth Sallen  
Linda Mabelle Sansom  
Lloyd Carl Schinnerer  
Claudia Jill Schrank  
Palmer Williams Schoch  
Diane Rose Smith  
Robert Mark Stenberg  
Bonnie Lynne Kaplan Tapper  
Michael Taylor  
Pamela Lynette Thomas  
Lynn Marie Zander

Candidates recommended jointly by the School and the Executive Board of the Graduate School

## MASTER OF ARTS

### Education

Tamara Lee Ackerman, A.B.Ed.  
Roger Keith Allen, B.S.,  
Eastern Michigan University  
Nancy Ann Backus, A.B.,  
Michigan State University  
Louise Bailey, B.A.,  
Stillman College  
Ernesto Barrientos, B.A.,  
University of Texas at Austin  
Carolyn Jean Batts, B.A.,  
Fisk University  
Karolatta E. Beauchamp, A.B.  
Jane Van Belois Beld, B.S.Nurs.  
Elizabeth Barry Bevis, A.B.Ed.  
Joanne Elizabeth Binder, B.A.,  
Carnegie-Mellon University  
Laurie Joan Bogart, A.B.,  
Wayne State University  
Robert Dodsworth Buchholz,  
A.B.Ed.

Elaine L. Cantrell, A.B.,  
University of California,  
Los Angeles  
Llorens Anthony Chenevert,  
A.B., University of Detroit  
Lisa Ching-Yim Cheng, A.B.  
Frances Emrich Coffell, A.B.  
Curtis N. Collier  
Constance Corson, A.B.Ed.  
Adele Teresa Dahlin, A.B.  
John Walter Dalida, A.B.,  
University of Detroit, M.A.,  
ibid.  
Ellen Laster Daniel, B.S.,  
Michigan State University  
Lolande Pierrette Dauphin, A.B.  
Virginia Eleanor Day, B.S.,  
Wayne State University  
Daisy June Dennington, A.B.  
Marianne Meier Dittrich, B.S.,  
Washington University  
Thomas F. Ditzler, A.B.,  
Hillsdale College

Ella Yvonne Doster, A.B.,  
Wayne State University  
Fotini K. Dreliazis, A.B.,  
Michigan State University  
Suzanne Lutzen du Bois, A.B.  
Lynn G. Elliott, B.S.,  
Central Michigan University  
Robin Joyce Flisser, A.B.,  
The Herbert H. Lehman  
College of The City University  
of New York  
Herbert Flowers, B.G.S.  
Linda Joyce Ford, A.B.,  
Spelman College  
Thomas James Fournier, B.S.,  
Eastern Michigan University  
Helen Kay Garcia, A.B.  
Anne Louise Gautreau, B.S.,  
Western Michigan University  
Robert Delmar Gawne, B.S.Ed.,  
Ohio University

# SCHOOL OF EDUCATION

## MASTER OF ARTS

Marie Spurgeon Gordan, A.B.,  
University of California,  
Berkeley  
Joann Hadley, B.S.,  
Jackson State University  
Richard Louis Harris, B.A.,  
California State University,  
Chico  
Stephen Robert Hausner, B.S.,  
Wayne State University  
Brenda Anne Henderson, B.A.,  
Fisk University  
Catherine Ann Hightower,  
A.B.Ed.  
Beverly Ann Holmberg, B.S.,  
University of New Hampshire  
Gloria Sue Inglehart, Ph.B.,  
Wayne State University  
Judith Helen Jove, B.A.,  
State University of New York  
at Albany  
Jeanne Kay B. Kaiser, A.B.Ed.  
Louise Dodge Karmann, A.B.  
Ion Eugene Keefer, B.S.,  
Ferris State College  
Diana W. Kennedy, B.S.,  
Wayne State University  
Richard Paul King, B.B.A.,  
Western Michigan University  
Linda Weglarz Kolnowski,  
A.B.Ed.  
Ellen Linda Kotlus, B.S.Ed.  
Lawrence Henry Krantz, B.B.A.,  
Detroit Institute of  
Technology  
Jeanne Louese Krapohl, A.B.  
Mercedes B. Kump, A.B.  
Sylvia Ann Kusza, A.B.,  
Madonna College  
Thomas Alan LaCasse, B.S.,  
Northern Michigan University  
Linda Lucretia Lafiosca, B.A.,  
Hunter College of The City  
University of New York  
Rochelle Lupovich Lauffer, A.B.,  
Wayne State University  
Stephen Nelson Le Bel, B.S.,  
Michigan State University  
Helen Hull Amestoy Lee, A.B.,  
Smith College  
Douglas Paul Lesley, A.B.,  
University of Detroit  
Adria Vander Griend Libolt,  
A.B., Calvin College  
Merle Soroco Lifchitz, A.B.,  
University of Massachusetts  
in Amherst  
Judith Adduci Locher, B.A.,  
Michigan State University

Jo-Ann Madison, B.S.,  
Youngstown State University  
Sharon Ellen May, B.S.,  
Wayne State University  
Susie Langdon McCallum, A.B.,  
Knoxville; A.M., Tennessee  
Technological University  
Mary Lynn Gorman McRee,  
Marymount College,  
New York  
Antonia Parks Mellos, A.B.,  
Eastern Michigan University  
Linda Joy Talon Michaels, A.B.  
Frances Critchfield Miglio, B.S.,  
Western Michigan University  
Antonia Lovett Miller, A.B.,  
Michigan State University  
Linda Ann Moody, A.B.  
Mary Jane Mortell, A.B.  
Linda Gay Mull, A.B.,  
University of California,  
Berkeley  
Kazuko Murata, A.B.,  
Konan Women's College,  
Japan  
Edward R. Murray, B.S.,  
Mississippi Valley State  
University  
John Castlereagh Parker, A.B.,  
University of California,  
Riverside  
Margaret Colling Pettit, B.A.,  
Michigan State University  
Donna Mallen Pezda, B.A.,  
Michigan State University  
Jessica R. Pincus, A.B.,  
Northwestern University  
Suzanne De Clair Pixley  
Raymond Frank Pizzino, B.S.,  
Wayne State University  
Susan Backus Potter, A.B.,  
Wittenber University  
Glenda Kertz Radine, B.A.,  
San Jose State University  
Joseph Anthony Ricci, B.S.,  
Eastern Michigan University  
Lucy Daugherty Roberts, A.B.  
Diane Elaine Rodger, B.S.,  
State University of New York,  
College at Cortland  
Peter John Roeper, B.G.S.  
Janet Celeste Richie Rosario,  
B.S., Wayne State University  
Bonnie Elaine Sue Richman,  
B.A., State University of  
New York at Albany  
Jerry Wayne Rowland, B.S.,  
Ferris State College

Freda Polsgrove Rutherford,  
B.S., Oakland University  
Thurston Rynbrandt, A.B.,  
Hope College  
Eileen Sue Schmidt, B.S.,  
Western Michigan University  
Margaret Anne Schmidt, B.S.,  
University of Wisconsin,  
Madison  
Winona Christine Schweitzer,  
B.S.Ed.  
Derrick Edward Scott, A.B.Ed.  
Denise Beverly Sears, B.S.,  
Wayne State University  
Genevieve Guadalupe Segura,  
B.F.A., Eastern Michigan  
University  
Millicent Chapman Self, B.S.,  
Western Michigan University  
Costella Simmons, B.S.,  
Wayne State University  
Tamara Rychtyckyj Slywinskyj,  
B.A., Wayne State University  
Soden Archibald Smith, B.S.,  
North Dakota State  
University; A.M.  
Barbara Jean Warren Sommer,  
A.B., Albion College  
Lawrence F. Stackpoole, A.B.,  
Michigan State University  
Susan Kay Stauffer, A.B.  
Betty Cragg Szekely, A.B.  
Deborah Taylor, A.B.  
Doris Ann Taylor, B.S.,  
Western Michigan University  
Lois Faber Tuinenga, B.S.,  
Michigan State University  
Jeanne Marie Umholtz, A.B.,  
Muhlenberg College  
Robert Dale Voogt, A.B.,  
Calvin College  
Patricia Lynn Votruba, B.S.,  
Michigan State University  
Christopher Calvin Wakefield,  
B.S.Ed.  
Brenda Lenore Wallace, B.S.,  
Western Michigan University  
Loretta Lynn Wallace, A.B.  
Marilee McAdam Weatherly,  
B.S., Wayne State University  
Larry Eugene Wells, A.B.  
Theodore Jones White, B.S.,  
Virginia State College  
Thomas Clemens Wojcicki,  
B.S., Eastern Michigan  
University  
Richard Dale Yagley, A.B.Ed.  
Richard James Zaranek, B.S.,  
University of Detroit

## MASTER OF SCIENCE

### Education

Saroja A. Boaz, B.S.,  
University of Madras, India

Dolores Gagel Schultz, B.S.,  
Wayne State University

Mary Miller Whyte, B.S.,  
Denison University



## SCHOOL OF EDUCATION

### SPECIALIST IN EDUCATION

William Francis Bergin, B.S.,  
Northern Michigan  
University; M.A., Michigan  
State University  
Sharon Knox Cesaro, A.B., A.M.  
Donna Denise Day, B.S.Ed.,  
Eastern Michigan University;  
M.B.Ed., *ibid.*

Betsy Jo DeVries Flory, A.B.,  
Calvin College, A.M.  
John Wesley Ottewell, A.B.;  
A.M.  
Gila Ann Saks, B.S.,  
The Pennsylvania State  
University; A.M., Michigan  
State University

Shije Orhan Shahin, A.B., A.M.  
Gwendolyn Sylvia White, B.S.,  
Winston-Salem State  
University; M.S.  
Carl Andrew Woloszyk, A.B.,  
Michigan State University;  
M.B.Ed., Eastern Michigan  
University

## SCHOOL OF BUSINESS ADMINISTRATION

ESTABLISHED IN 1924. FLOYD ALDEN BOND, Dean

*Candidates for degrees to be granted upon completion of formal requirements*

### BACHELOR OF BUSINESS ADMINISTRATION

John Gary Bennett  
Henry Robert Carabelli  
Claire Yvonne Cockrell  
John Denison Cook  
Robert Kirk Darden II  
Kay Josephine DeLong  
Donald Dwight DeVore  
James Richard Easton  
Pamela Jean Ferris  
Hilary Lynn Franklin  
Jennifer Joan French  
David William Hall

Richard Allen Heidrich  
Joan Helfman  
Gregg Elliott Herman  
Alex Ho  
Steven Young Hochberg  
James Christopher Just  
Gregory Blaine Keys  
Mark Andrew Koob  
Peter Kenneth Lannon, Jr.  
James Patrick Lowe  
Susan Mary Malin  
Douglas Frederick Meijer

Richard Andrew Miller  
Michael Richard Mosher  
Stuart J. Packard  
Michael James Roney  
Paul Christopher Schmidt  
Barbara Ann Severance  
Anthony Thomas Skowronski  
Lois Ann Stone  
James Franklin Tompkins  
Timothy L. Trepkowski  
Gordon Michael Tucker  
Valinda Vincent

### MASTER OF BUSINESS ADMINISTRATION

Joseph Norman Allen,  
B.S.E.(Sci.E.)  
Carl Emerson Ballard, B.S.M.E.,  
Lawrence Institute of  
Technology  
Ray Devon Barnes, B.S.E.,  
Brown University  
Charles David Becher, B.E.E.,  
The Ohio State University,  
M.S., *ibid.*  
Dale Eugene Bogard, B.S.(Bus.),  
Ferris State College  
Donald Curry Campion,  
B.S.(Appl.Math.)  
John Gunars Dapkis, B.S.M.E.,  
Northeastern University  
Ralph Henry Dixon,  
B.S.E.(Aerospace E.)  
Charles Ross Edwards,  
B.S.E.(Ind.E.); M.S.(Ind.E.),  
Wayne State University  
Gail Ann Ernest, B.A.,  
Albion College  
David Saul Finger, A.B.  
Michael Gene Giuliani, B.B.A.  
Michael Uhrich Goodyear,  
B.Cer.E., The Ohio State  
University, M.Sc., *ibid.*

Gary James Griffin, B.S.,  
Michigan State University  
Hugh James Hall, B.M.E.,  
General Motors Institute  
Robert Jeffrey Harmer, B.S.,  
University of Pittsburgh  
Gregory Eugene Hooks, B.B.A.,  
University of Notre Dame  
Vincent Raymond Horning,  
B.M.E., The Ohio State  
University  
Roland S. Hwang, B.S.E.(M.E.)  
William Thomas Isaac,  
B.S.(E.E.), Polytechnic  
Institute; M.S.E.  
Leonard Edwin Johnson, B.S.,  
University of Illinois  
Lanny Joseph Laritz, B.S.,  
University of Detroit  
Jere Ernest Meredith, B.C.E.,  
University of Virginia;  
M.S.C.E., West Virginia  
University  
Gerald George Milkie, B.A.,  
University of Notre Dame,  
B.S.(M.E.), *ibid.*

Kenneth John Nisbet,  
B.S.E.(M.E.)  
Lawrence James Pilon, B.S.,  
Michigan State University  
Martha Jean Pohold, B.A.,  
Michigan State University  
Julianne Tena Princinsky, B.S.,  
Ferris State College  
George Roley, B.S.C.E., Michigan  
Technological University;  
M.S.C.E., Iowa State  
University  
Larry Wayne Shelton,  
B.S.(Mech. E.), University of  
Illinois  
James Charles Siegel, B.S.M.E.,  
Purdue University  
George Henry Thomas, B.I.A.,  
General Motors Institute  
Douglas Alan Vivian, B.Eng.,  
McGill University; M.S.(M.E.),  
Wayne State University  
Halton Wilbur Williams, Jr.,  
B.S.(Aerospace Eng.), Indiana  
Institute of Technology  
William Allison Wood, B.S.,  
United States Naval Academy

### MASTER OF ACTUARIAL SCIENCE

Kay Deborah Schawatka  
O'Connor, B.S.,  
Central Michigan University

# SCHOOL OF NATURAL RESOURCES

ESTABLISHED IN 1927. WILLIAM J. JOHNSON, Dean

Candidates for degrees to be granted upon completion of formal requirements

## BACHELOR OF SCIENCE

Jeffrey Alan Applebaum  
Lawrence William Arndt  
Albert Mansell Benshoff  
Claudia Ann Berman  
Kathryn Marie Bramer  
Rosemary Ann Braus  
William Henry Brinkerhoff  
Karen Ann Brzys  
George Lauchlin Cameron  
Cheryl Ann Clingaman  
Cynthia Ann Crean  
Michael Paul Daniels  
Vicki Mae Denman  
Gerald Allen Eggemeyer  
Joanne Grace Ehret  
Richard Harold Greenwood

Edward Joseph Haeck  
Mark Duaine Hunsberger  
James Wallace Janda  
Barbara Ellen Kauffman  
Wendy Anne Kelcourse  
Dianna Canfield Knowlton  
Ellen Jeanette Lewis  
Valerie Jane Macer  
Alan Harry Mansfield  
Paul Basil Osborn  
Judith Elaenor Pasek  
Michael Joseph Peczynski  
Paul Edward Peterson  
David Charles Pitcher  
Sharon Ann Richard  
Emily Maria Riddering

Rickey Duane Schramm  
Susan Schwartz  
Julie Ann Steiner  
Robert Low Stevenson  
Margaret Ruth Tavis  
Daniel Charles Tesin  
Bekinbo Hutton Tom-George  
Daniel William Treppa  
Thomas Wayne Trimpe  
Meri-Lyn Eve Van Aken  
Gayle Ardis Vande Kerckhove  
Larry Arnold Waisanen  
Carl Michael Weimer  
Louis Allen Willis  
Elizabeth Anne Wismer

## BACHELOR OF SCIENCE IN FORESTRY

Eric Paul Crist  
Christopher Allen Ebling

Susan Brady Galli  
Cindy Anne Mitchell

Michael James Morrison  
Mark P. Plona

Candidates recommended jointly by the School and the Executive Board of the Graduate School

## MASTER OF LANDSCAPE ARCHITECTURE

Alexander Boedy, B.S.,  
Michigan State University

Larry Russell Mellenthin, B.S.,

Daniel Gene Morabito, B.S.,  
Michigan State University

## MASTER OF REGIONAL PLANNING

John Raymond Hall, B.S.

Barbara Clare Moser, A.B.,  
University of Virginia

William Edward Skimin, B.S.  
Philip Guy Waldrop, A.B.

## MASTER OF SCIENCE

### Natural Resources

David Edward Avrin, B.S.,  
Rutgers University  
Leon Michael Carl, B.S.  
Edward Allen Craddock, B.S.,  
California State University,  
Sacramento  
Lee Peter DeAngelis, B.S.,  
Cornell University  
Ernest Richard Garcia  
Urias Dargan George, B.S.,  
Tuskegee Institute  
Kathleen O'Neill Green, B.S.,  
University of California,  
Berkeley  
Jeffrey Kent Harris, B.S.  
Susan Dueball Hubbard, B.S.  
Jane Kreisman, A.B.,  
State University of New York  
at Stony Brook

John Roman Krezoski, B.A.,  
Kalamazoo College  
Thomas Edward Kucera, B.A.,  
Western Michigan University  
Judith Ellen Levin, B.S.  
David Earl Lieser, B.S.,  
The Ohio State University  
Richard Wayne Litaker, B.S.,  
Duke University  
Gary Frank Marx, B.S.,  
Michigan State University  
Ralph Edward Miller, B.S.  
Horatio Barnes Nichols, A.B.,  
Antioch College  
Charles Edward Price, B.S.,  
North Carolina Central  
University  
Dennis Quesada, Ingeniero  
Civil, Universidad Nacional  
Autonoma de Nicaragua

Robin Chase Reynolds, B.S.  
Diana Sammataro, B.L.Arch.  
Clifford Fred Schneider, B.S.  
Thomas Edward Stauffer, B.S.,  
Muhlenberg College  
Effendy Achmad Sumardja,  
Doctorandus, Universitas  
Padjadjaran, Indonesia  
John Mason Totten, B.S.  
David Allen Vogel, B.S.,  
Bowling Green State University  
Michael Allen Conway, B.S.,  
United States Coast Guard  
Academy

### Natural Resources Administration

Gregory Steven Voyik, B.S.,  
United States Coast Guard  
Academy

# SCHOOL OF MUSIC

ESTABLISHED IN 1929. ALLEN PERDUE BRITTON, Dean

Candidates for degrees to be granted upon completion of formal requirements

## BACHELOR OF MUSIC

### Music Education

Gordon Edward Bleich  
Diane Dorothy Detter  
Amy Marie Foran  
Kathryn Leigh Hildebrandt  
Robert Morton Koch  
Frederick Bert Li  
Jacqueline Raymond Prielipp  
Robin Beth Schakne  
Maryellen Diane Sobetsky  
Gail Ann Winn

### Music History and Musicology

Allana Murray

### Organ

Jimmy Jess Anthony

## BACHELOR OF FINE ARTS

### Dance

Barbara Lynn McGraw

## MASTER OF MUSIC

### Conducting

Richard Eugene Bushey, B.A.,  
Olivet Nazarene College

### Music Education

Barbara Jo Alvarez, B.M.E.,  
Florida State University  
Stanton Leroy Earnhart, B.M.  
Scott Milton Ludwig, B.M.  
Dennis Arthur Miller, B.M.  
Velma Rose VanArk, B.M.,  
Hope College  
Robert Edward Winder, Jr., B.S.,  
Hampton Institute  
Karen Lias Wolff, B.M.E.,  
Morningside College  
George Robert Young, Jr., B.S.,  
Morgan State College

### Organ

James David Jones, B.M.,  
University of Rochester,  
Eastman School of Music  
Sharon Peer Jones, B.M.,  
University of Rochester,  
Eastman School of Music

## MASTER OF ARTS

### Music: Musicology

Thomas Laurence Riis, A.B.,  
Oberlin College

Robert Martin Ferris  
Jeffrey George LeDuc  
Janet Louise Rogers

### Performance (Clarinet)

Fernando Smith Leon

### Performance (Trumpet)

Robert Bortins

### Piano

Randall Scott Faber

### Stringed Instruments (Violin)

Deborah Paul

### Voice

Charmaine Word Herron  
Louis Geraldine Hollins  
Jeannine Marie Leslie  
Bernadine Lee Oakley  
Gene Lloyd William Sager  
Pamela Smith

### Wind Instruments (Bassoon)

Jill Whitcomb Marderness

### Wind Instruments (Trombone)

Arthur Douglas Brown

### Wind Instruments (Trumpet)

Van Austin Zimmerman

### Theory

Claire Louise Boge, B.M.,  
University of Dayton  
Beth R. Greenberg, B.A.,  
Brooklyn College  
Robert Charles Longfield, Jr.,  
B.M.

### Voice

Blanche Arlelia, B.S.,  
Virginia State College  
Riva Estelle Capellari, B.M.  
Judith Lee Gray, B.M.,  
Western Michigan University  
Gloria Eloise Hill, B.M.,  
Michigan State University

### Wind Instruments (Oboe)

Kathleen Ann Gomez, B.S.,  
University of Wisconsin  
William Dumpsie Sneddon,  
B.M.E., Eastern Michigan  
University



# SCHOOL OF NURSING

ESTABLISHED IN 1941. MARY LOHR, Dean

Candidates for degrees to be granted upon completion of formal requirements

|                                |                       |                      |                       |
|--------------------------------|-----------------------|----------------------|-----------------------|
| BACHELOR OF SCIENCE IN NURSING | Virginia Ann Adams    | Michele Louise Foley | Ronald Lee Philp      |
|                                | Judith Darlene Bailey | Karen Lynn James     | Marcia Lorraine Ross  |
|                                | Bonnie Lou Baker      | Phyllis Anne Jameson | Peggy Sommers Senneff |
|                                | Judith Ann Bernhardt  | Dorothy Norma Kobs   | Barbara Jean Sipes    |
|                                | Lois Elaine Bohl      | Nancy Jean Kuta      | Joanne Fern Timm      |
|                                | Wendy Carol Dawson    | Jayne Ellen Lozowski | Deborah Sue Walker    |
|                                | Jeanine Carol Ernst   | Marilyn Ann Opland   |                       |

Candidates recommended jointly by the School and the Executive Board of the Graduate School

|                              |  |
|------------------------------|--|
| MASTER OF SCIENCE OF SCIENCE | Parent-Child Nursing                                     |
|                              | Paulette Joyce Perrons, B.S.N., Mercy College of Detroit |

# SCHOOL OF PUBLIC HEALTH

ESTABLISHED IN 1941. RICHARD D. REMINGTON, Dean

Candidates for degrees to be granted upon completion of formal requirements

|  |   |  |   |
|--|---|--|---|
| MASTER OF HEALTH SERVICES ADMINISTRATION | Georg Nickolaus Beamer, B.S., Washington State University         | Lois Green, B.A., University of Pittsburgh                                 |   |
|  |   |  |   |
| MASTER OF PUBLIC HEALTH                  | Saroj Bala, B.S., University of Delhi                             | John David Holm, B.A., University of Colorado                              | Patricia Mary O'Malley, A.B., Clarke College; B.F.A., School of Drama of the Art Institute of Chicago         |
|  | Thomas Walter Balla, B.S., The Pennsylvania State University      | Timothy Patrick Irgens, B.A., University of California, Los Angeles        | Kathryn Hamilton Patterson, B.S., Cornell University  |
|  | Maryann L. Bell, B.S., University of California, Los Angeles      | David Mark Kaszubski, B.S., The Ohio State University                      | Robert Henry Perea, B.A., New Mexico Highlands University; M.S.W.   |
|  | Margie Devotia Benson, B.S., Wayne State University               | Martha L. Keehner, B.S., Michigan State University                         | Robert Howard Plummer, B.A., Wabash College; M.S., Indiana University, Ed.D., <i>ibid.</i>                    |
|  | Sue Ann Briggs, B.A., Western Michigan University                 | Charlene Diane Kelly, B.S., Eastern Michigan University                    | Harvey Thomas Slaughter, A.B., M.A.   |
|  | Lorraine Litwinski Cameron, B.S.                                  | James Joseph Kelley, B.S.  | Henry Gerhard Spolnicki, B.A., Wayne State University   |
|  | Stafford Giles Cox, B.S., M.S.                                    | Denise Maureen Klein, B.S., University of Pennsylvania, B.A., <i>ibid.</i> | Sayeeda Masthan Sultana, M.B.B.S., Osmania University, India  |
|  | Mary Elizabeth Dinardo, B.A., Niagara University                  | Medley Ann Larkin, B.S., Central Michigan University                       | Lawrence Curtis Totty, B.A., Mary Manse College   |
|  | Gary Wayne Frick, B.S., Indiana State University                  | Juan E. Lee, B.S., Institute of Nutrition of Central America and Panama    | Mary Eileen Vogt, B.S.  |
|  | Norma Gandara, B.A., University of Puerto Rico                    | Marilyn Pamela Leeds, A.B., Brandeis University                            | Mary Elizabeth Warnsley, B.S., Alabama Agricultural and Mechanical College; M.S., University of Massachusetts |
|  | Herbert Montrey Garvin, B.S., Michigan State University           | Ka-Cheung Li, B.S., University of Toronto, Canada                          | Jeanette Wirtz, B.S.N., Saint John College of Cleveland   |
|  | Judith Lynne Gatti, A.B., University of Detroit                   | Sandra Louise Lundahl, B.A., State University of New York at Buffalo       | Begum Zubeida, B.S., Osmania University, India, B.M.B.S., <i>ibid.</i>  |
|  | Paul Joseph Giannone, B.S., State University College at Brockport | Dennis Patrick McDonough, B.S., Rutgers—The State University               |   |
|  | David Lenard Gurulé, B.A., University of California, Irvine       | Patricia Ann McGruder, B.S.Ed.   |   |
|  | Carolyn Patricia Hall, B.S., Michigan State University            | Karen Mahakian Nystrom, B.A., University of Wisconsin, Madison             |   |
|  | Patricia Mildred Havens, B.A., Michigan State University          |  |   |

Candidates recommended jointly by the School and the Executive Board of the Graduate School

|                   |   |  |  |
|-------------------|---|--|--|
| MASTER OF SCIENCE | Environmental Health Science  | James Akif Uzman, B.S.   | Richard Carl Marcus, B.S.                                  |
|                   | Karen Christine Cummiskey, B.S.   | Demetrios George Zadelis, Diploma, National and Capodistrian, University of Athens, Greece | Lynn Chambers O'Donnell, B.S.Nurs., University of Virginia |
|                   | Le Anne Elizabeth Hammer, B.S.  |  |  |
|                   | Louis Kircos, M.S., California Institute of Technology; Aerospace E., M.S.  | Epidemiologic Science  | Nutritional Science  |
|                   | Stanley Lichtman, B.S., The City College of The City University of New York | Timothy Paul Bender, A.B., Albion College  | Sharon Ann Rutkowski, B.S., Mercy College of Detroit       |

# SCHOOL OF SOCIAL WORK

ESTABLISHED IN 1951. PHILLIP A. FELLIN, Dean

Candidates for degrees to be granted upon completion of formal requirements

## MASTER OF SOCIAL WORK

Beth Eisenberg Abbott, B.A.,  
Carnegie-Mellon University  
Ann Rosegrant Alvarez, B.A.,  
Antioch College  
Christine Ann Armijo, B.U.S.,  
The University of New Mexico  
Raymond James Bates, B.S.,  
Eastern Michigan University  
Katy Lisa Benjamin, B.A.,  
Wayne State University  
Kenneth Dwight Bouldin, B.A.,  
New Mexico Highlands  
University  
Charles Arthur Boyle, A.B.  
John Michael Brady, A.B.  
Rebecca Greschuk Case, B.A.,  
College Misericordia  
Vivian T. Chen, B.A.,  
University of Wisconsin,  
Madison  
Claudia Jeanne Combs, A.B.  
Kayla Jan Conrad, B.A.,  
Michigan State University  
Irma Ruth Cressman, A.B.,  
Wheaton College  
Rosa Linda Cruz, B.A., The  
University of Texas at Austin  
Kenneth James Darga, A.B.,  
Boston College  
Deborah E. Davis, B.A.,  
Delaware State College  
Lydia Therésa De Ciampa, B.A.,  
Richmond College  
Lisa Dale Dorfman, A.B.  
Patricia Sweeney Edsall, B.G.S.

Janet Elaine Epstein, B.A.,  
University of Washington  
Edward Martin Esler, B.A.,  
The Pennsylvania State  
University  
Charles Joseph Fulner, Jr.,  
B.A., Bellarmine College  
Constance Ann Gask, A.B.  
Sharon Edythe Grob, A.B.  
Wynn Evelyn Johnson, B.A.,  
Wellesley College  
John Michael Jokisch, B.S.,  
Central Michigan University  
Steven Bruce Katz, A.B.  
Encarnacion Lopez, Jr., B.A.,  
Texas A & I University  
Vincent John Maloney, A.B.  
JoAnn Phyllis Marquez, B.A.,  
New Mexico State University  
Mary Judith McKay, B.A.,  
Nazareth College  
Dennis Bruce Monthei, A.B.Ed.,  
A.M.  
Deborah Ann Mostov, B.S.,  
University of Illinois  
Joseph Mulé, B.S.,  
Saint Joseph's College  
Sylvia Oglesby, B.A.,  
Oakland University  
Jaime Javier Peña, B.A.,  
Pan American University  
Marcos Alberto Peña, B.A., The  
University of Texas at Austin  
Annemarie Betty Peurasaari,  
A.B., University of Detroit

Brian Dale Pufpaff, B.A.,  
Alma College  
Douglas Lee Redding, B.S.,  
Eastern Michigan University  
Donald James Rencher, B.S.,  
Western Michigan University  
Patricia Anxi Ruby, B.S.,  
Wayne State University  
Terri Ann Scheffler, B.S.,  
Eastern Michigan University  
Lois B. Scher, B.A.,  
University of New Hampshire  
Ann J. Shannon, B.S.W.,  
Siena Heights College  
Richard Lavonne Shivers, B.S.,  
Western Michigan University  
Robert Walter Smith, A.B.  
Dwight Harold Stevens, B.A.,  
Northern Michigan University  
Margaret Virginia Sutton, A.B.,  
Earlham College  
Habtemariam Ogubu Tedla,  
A.B.  
Emily L. Vincent, A.B.,  
Boston University  
Glenn Douglas Campbell  
Whitelaw, B.S.,  
Wayne State University  
Bennett William Wolper, B.A.,  
Hunter College of The City  
University of New York  
John Alexander Zang, B.A.,  
Michigan State University

# THE UNIVERSITY OF MICHIGAN — FLINT

ESTABLISHED IN 1956. WILLIAM E. MORAN, Chancellor

Candidates for degrees to be granted upon completion of formal requirements

## COLLEGE OF ARTS AND SCIENCES

### BACHELOR OF ARTS

Kathleen Ann Beauchamp  
Michele Marie Beauchamp  
Pablo Berlanga  
Margaret Carey Broden  
Cathryn Anne Buchner  
Anne R. Buford  
Jon Scott Cable  
Patrick Martin Clark  
Phyllis Gail Cohen  
Michael Lee Coleman  
Russell W. Cook  
Jeffrey Halladay Crawford-Flynn  
Michael Stanley Cwiakala  
Joan Katherine Dietch  
Barbara Ellen Donnelly  
Michael Jerome Elasiwich  
Dale Alan Evans  
Ethel Anne Fischer  
John Alexander Forrest  
Carl Werner Franke  
Valerie Jean Gill  
Gregory Laurence Gillie  
Kathie Ann Glentz  
Steven Allen Green

Marya Margaret Gutek  
Anne Elizabeth Hardenburgh  
Patrick Hayse Hardin  
Janet Marie Homer  
Paul Laurence Hough  
Dorothy C. James  
Bonnie Jo Johnson  
Ollie Beatrice Johnson  
Dennis Patrick Kelley  
John Dwight Krish  
Robert Edwin Langworthy  
Charles Roger Layne  
James Lewis III  
Ann Mason  
David Edward McCright  
Jacqueline LeDett McGuire  
Kenneth Arthur Meeks  
Herman Miller  
Beverly Esther Needham  
Michael James North  
Leroy Andrew Osborne, Jr.  
Gary Charles Paavola  
Doris Evelyn Patrick

Julia Susan Phillips  
Susan E. Prehn  
Paula Wizauer Rainey  
Pamela Sue Rogers  
Debra G. Rudzinski  
Thomas Charles Ryckman  
Susan Elaine Sellman  
Robert Harvey Shannon  
Sheila May Sherwood  
Joyce M. Simpson  
Sharon Kathryn Sopko  
Gary Lee Stroub  
Christopher Theodoroff  
Joan Gail Veenhuis  
Douglas Ray Walling  
Michael Lee Walz  
Lionel Holloway Wells  
Joyce Alumbaugh Wheeler  
Eddie White, Jr.  
Alice Jean Annette Winchester  
Bethany Grace Worthing  
David E. Yankee  
Robert John Young

### BACHELOR OF SCIENCE

Thomas William Inwood

Lorna Ann McGeoch

Christy Wendt

### BACHELOR IN GENERAL STUDIES

Barbara Ann Mitchell

### BACHELOR OF BUSINESS ADMINISTRATION

Amber Gail Alexander  
Michael John Bazelides  
Michael Frank Benzie  
Jeff Scott Bowden  
Barbara Ann Campbell  
Patrick Joseph Caughlin  
Edward Jay Chubski  
Gary Charles Clark  
Keith John Clarke  
Kathleen Clyne Darrow  
Jeffrey Wayne Dosh

Joel Francis Eicholt  
Joel Arthur Fournier  
Deborah Ann Gladden  
Wilbur Richard Kennett  
Glowney  
Jerry Frank Jurasek  
Jeffrey Scott Kellerman  
Kenneth Walter MacDonald  
Minnie Martin  
Matthew Paul McCorry  
Jerry Leon Mikula

Charles Ashley Mitchell  
David Joseph Nowaczyk  
Amy Diane Roda  
Phillip Stanley Shinabarger  
Craig Allen Smith  
Jeffrey Raymond Smith  
Anthony Lynn St. James  
David L. Sweeney  
Carol Ann Turley  
Daniel Edward Whaley  
Daniel Claire Wolf



# THE UNIVERSITY OF MICHIGAN — DEARBORN

ESTABLISHED IN 1958. LEONARD E. GOODALL, Chancellor

Candidates for degrees to be granted upon completion of formal requirements

## COLLEGE OF ARTS, SCIENCES, AND LETTERS

|                                |   |  |   |
|--------------------------------|---|--|---|
| BACHELOR OF ARTS               | LeVon Earl Alexander<br>Carol Anahid Azizian<br>Richard Joseph Baca<br>Maryanne Bartles<br>D. Denyce Brown<br>Garth Jay Christie<br>Margaret Ann Ciemiega<br>Paul Thomas Daudlin<br>Stephen John Doan<br>Bradford L. Drake<br>Ronald Lee Farber<br>Howard Scott Fisher<br>Gary Charles Gale<br>Randy Cortez Gardner<br>Daniel Joseph Hackman<br>Timothy Raymond Hance | Stacy Biggers Harris<br>Paul Dennis Hofmeister<br>Robert James Humphrey<br>LouAnn Kartes<br>Douglas Robert Keller<br>Susan Marie Kinsman<br>Arthur Klenk<br>Karen Benghauser Kurtz<br>David Leopold Leclerc<br>Maurine Irene Leonard<br>Jose Perez Marin<br>Laura Marie Merrihew<br>Karilynn Margaret Case Metzger<br>Valerie Julia Middlebrooks<br>Kenneth Clair Minielly<br>Kenneth Allan Mull | John Robert Murphy<br>Diane Nathalie O'Brien<br>Irene L. Pawluk<br>Sandra Pilotto<br>Kathleen Estelle Reschke<br>Kenneth David Romo<br>William Scott Rowe<br>Judith Ann Schornack<br>Robert Edward Smith, Jr.<br>Jay O. Spinner<br>Kalen Lipe Stillwagon<br>Valerie Vangoss<br>John J. Vargo<br>Cheryl Benagh Walters<br>Robin Sue Westby<br>Paul Fredrick Wuttke |
|                                | Samuel Joseph Delisi<br>Gloria Mavis Dudley   | Hellon Carolyn Key<br>David Lawrence Malhalab  | Doris Jean Smith<br>Ronald Larry Zabawa   |
| BACHELOR IN<br>GENERAL STUDIES |   |  |   |
| BACHELOR<br>OF SCIENCE         | Ronald Richard Bieszczad<br>Edith Audrey Bruske<br>Ronald Peter D'Agostino<br>Michael Henry Dejonghe<br>Frances Eva Delisle<br>Bradford L. Drake<br>Joseph Frederick Freiman<br>Gary Michael Giska<br>Sheryl Ann Gworek   | James Harry Holda<br>Peter Steven Janice<br>Claudia Frances Klenczar<br>Timothy Thayne Morbach<br>George Michael Nowak<br>Donald Cecil O'Connell<br>Mary Ann Olson<br>Mark Ambrose Otlewski<br>Kristina Pamukov  | J. Victoria Perrin<br>Joseph Paul Rudy<br>Joseph Sam Stevens<br>Dominic Anthony Testa<br>Melissa Anne Tuttle<br>Thomas Patrick Wilczak<br>Gary Calvin Woodard<br>Dennis Wysocki   |

## DIVISION OF INTERDISCIPLINARY STUDIES

|                        |   |   |
|------------------------|---|---|
| BACHELOR OF ARTS       | David Raymond Peters  |   |
| BACHELOR<br>OF SCIENCE | Francesoc Gabriele D'Anna<br>Mark Edward Sunday   |   |
| BACHELOR OF ARTS       | Laurie Leigh Barto<br>Denise Louisa Bonfiglio<br>Mary Crowley DiBasio<br>Patricia Ellen Hatzl<br>Ella Hunt Hershberger<br>Anne Marie Howe<br>Laurel Jean Howe | Stephen Anthony Hrapkiewicz<br>Janice Kay Jackson<br>Susan Kay Karnes<br>Veronica Ann Laatsch<br>Kathleen Margaret Vizard<br>Murray<br>Mary Jo Nicholls |

Lorraine Lee Pitcher  
Patricia Ann Rabe  
Darla Joan Sharkey  
William Garfield Trent  
Mary Kathleen Whall  
Janice Lynn Young  
John Paul Zawol

# THE UNIVERSITY OF MICHIGAN—DEARBORN

## SCHOOL OF ENGINEERING

|   |   |  |  |
|---|---|--|--|
| BACHELOR OF<br>SCIENCE IN<br>ENGINEERING      | <b>Electrical Engineering</b><br>Anthony George Brincat<br>Robert Anthony DiPaolo<br>Gary A. Fougne<br>Scott George Holland<br>Mark Alan Knoth<br>James John Laskosky<br>Dale Gerard March<br>John Frederic Nemenski<br>William Walter Whitaker | Jerome Alan Roland<br>Ralph Alan Scarantino<br>Allan Robert Schwartz   | Mark Edward Sunday<br>David Castle Thomas  |
|   |   | <b>Industrial and Systems<br/>Engineering</b><br>Randall Jorge Carrera<br>Thomas Patrick Centlivre<br>Nicholas C. Jasko<br>Charles Patrice Reaume  | <b>Mechanical Engineering</b><br>Robert Bruce Abar<br>Craig Alan Barrett<br>Nicholas Gerard Crile<br>Gary Donald Edson<br>Paul Randolph Horn<br>Gary Alfred Kasper<br>Robert Steven Migrin                                       |
| PROFESSIONAL<br>DEVELOPMENT IN<br>ENGINEERING | Victor Moufied Abdel-Malek<br>John Vine Ferguson  | Ronald William Grekul<br>James David Mundo   | Norbert L. Sikora  |
| SCHOOL OF MANAGEMENT                          |   |  |  |
| BACHELOR OF<br>BUSINESS<br>ADMINISTRATION     | Gary Charles Anton<br>David Thomas Baryj<br>Virginia Ann Boos<br>John Joseph Brady<br>David Howard Hartley<br>Marianne Heitjan<br>James E. Johnston<br>Michael R. Kalasinski, Jr.<br>John Anthony Kure  | Michael Louis Lencione<br>John Francis Mahler<br>Daniel Francis McCollom<br>Jack Terry McElroy<br>Dianne L. Miller<br>Arnetta Burroughs Moore<br>David John Mrozek<br>Andrew Paultanis<br>Ronald Rosenberg | James Matthew Schram<br>Douglas Lowell Smith<br>Gail Etta Spevak<br>Daniel John Sullivan<br>Diane Patricia Twardus<br>Kenneth Harlan Underwood II<br>Richard Ellett Wallis<br>Donna Louise Wilkie<br>Leonard Walter Wyderko, Jr. |
| BACHELOR OF<br>SCIENCE IN<br>ADMINISTRATION   | Carol Faye Anderson<br>Mary Lee Anderson<br>Edward Anthony Bosler<br>Stanley Louis Darmofal<br>Jeffrey Brent Fraser<br>Thomas Lee Hartsell<br>Thomas Edward Hoffman<br>Sharon Ann Knaus   | Keith Arthur Love<br>Mary Jane McCormack<br>Noral Kevin McNeely<br>Joanie Milewsik<br>Gregory Tom Milosek<br>Thomas Gerard Mulvihill<br>Robert Brian Noonan<br>Carlo Andrew Peterson                       | Laurette-Anne Alajo Rocque<br>Carl Alfred Savaiano<br>Nancy Sauvage<br>Gertrudis Vivero Smith<br>Michael Stec<br>Donald Wayne Sumner<br>William Arthur Vincent, Jr.<br>David Michael Yakowich                                    |

Candidates recommended jointly by the University and the Executive Board of the Graduate School

|  |  |  |  |
|--|--|--|--|
| MASTER OF<br>MANAGEMENT                | Catherine Jean Davis, A.B.   | William James Davis, Jr.,<br>B.S., M.A., University of<br>Rochester, M.S., <i>ibid.</i>  |  |
| MASTER OF<br>SCIENCE IN<br>ENGINEERING | <b>Electrical Engineering</b><br>Kathleen Marie Hammer, B.S.,<br>Wayne State University<br>Paul Richard Holland, B.E.E.,<br>General Motors Institute | Thomas Mark Faler, B.S.(M.E.),<br>Lawrence Institute of<br>Technology<br>Jack Lorin Gisinger,<br>B.S.(Aero. & Astro.Eng.),<br>University of Illinois,<br>Urbana-Champaign<br>Wayne Marshall Grunes, B.S.,<br>Rensselaer Polytechnic<br>Institute<br>Richard Lee Haman, B.S.M.E.,<br>The University of Toledo | Michael J. Riley, B.M.E.,<br>University of Minnesota,<br>Minneapolis<br>David Mark Squires,<br>B.S.(Mech.Eng.), Carnegie-<br>Mellon University<br>Bruce Wayne Thrift, B.M.E.,<br>Georgia Institute of<br>Technology<br>William Bernard Valade, Jr.,<br>B.Mech.Engr., University<br>of Detroit<br>David John West, B.S.E.(M.E.) |
|  | <b>Mechanical Engineering</b><br>Kevin James Clark, B.S.,<br>The Pennsylvania State<br>University<br>Brian Stephen Cojocari,<br>B.S.E.(M.E.)         |  |  |

# SCHOOL OF LIBRARY SCIENCE

ESTABLISHED IN 1968. RUSSELL E. BIDLACK, Dean

Candidates for degrees to be granted upon completion of formal requirements—  
recommended jointly by the School and the Executive Board of the Graduate School

## MASTER OF ARTS IN LIBRARY SCIENCE

Linda C. Anderson, A.B.,  
Spelman College  
Dawn Annete Bartholic, B.S.,  
Central Michigan University  
Nancy Mull Bloomquist, A.B.Ed.  
Janice Siglar Borradaile, A.B.,  
Miami University  
Grant Francis Burns, A.B.,  
Michigan State University;  
A.M.  
Betty Lou Derenzy, A.B.  
Elizabeth Ann Diehl, A.B.,  
The University of Iowa  
Karen Elizabeth Murray Douse,  
A.B., Michigan State  
University

John Paul Downey, B.S.,  
State University of New York,  
College at Buffalo; A.M.  
Monica Louise Duetsch, B.A.,  
Oakland University  
Kerry Allen Ellis, A.B.  
Bruce Turner Fox, B.A.,  
Oakland University  
Martha Jo Hamilton, A.B.,  
Rutgers University, Douglass  
College  
Sandra Wood Heinemann, A.B.,  
Bucknell University  
Jeffrey Lanier Horrell, A.B.,  
Miami University  
Norman Jane Humble, B.S.,  
Wayne State University

John Edward Kinsock, A.B.,  
San Diego State University  
Laura Lee Laufer, A.B.  
Rae Jean Lewandowski, A.B.,  
University of Nebraska,  
Lincoln  
Catherine J. Marine, B.S.,  
Miami University  
Elaine Chakeres Mateyka, A.B.,  
Miami University  
Mary Anne Meernik, A.B.,  
Aquinas College  
Linda Jean Metzger, A.B.  
Richard Alan Roginski, B.A.,  
Oakland University

# SCHOOL OF ART

ESTABLISHED IN 1974. GEORGE V. BAYLISS, Dean

Candidates for degrees to be granted upon completion of formal requirements

## BACHELOR OF FINE ARTS

Jeanne Louise Belanger  
Joseph Blakley  
Elaine Frances Boris  
Karen Ruth Copeland  
Joan Bea Edwards  
Susan Winfred Farrow  
Laverne Ann Fry  
Lisa Anne Garabedian  
Joan Kathleen Heim

Theresa Edith Hood  
Daniel Jay Hyma  
Roberta Kay Lake  
Robert Jeffrey Lamb  
Stephen Moulton Lutz  
Jan Marie McCarthy  
Victoria Sue Nelson  
Clyde Samuel Mikkola  
Daniel Leon Murphy

Bern Curtis Pedit  
Diane Mary Piepol  
Michael Lester Reed  
Alison Elaine Ruttan  
Catherine Millar Spurr  
Stacy Paul Swiatkowski  
Judith Mervane Sylvester  
Margaret VanBolt  
Nheena Jean Weyer

Candidate recommended jointly by the School and the Executive Board of the Graduate School

## MASTER OF ARTS

### Art

Jane Langley Corrigan, A.B.,  
University of California,  
Los Angeles



# The Yellow and Blue

Sing to the colors that float in the light;  
Hurrah for the Yellow and Blue!  
Yellow the stars as they ride thro' the night,  
And reel in a rollicking crew;  
Yellow the fields where ripens the grain,  
And yellow the moon on the harvest wain; Hail!  
Hail to the colors that float in the light;  
Hurrah for the Yellow and Blue!

