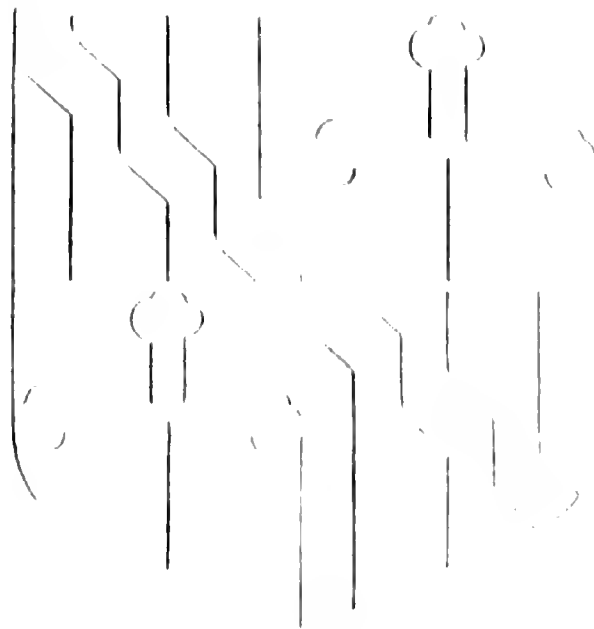


Dean's Copy
Dec. 1973



100

**Commencement
Program**

171st Commencement
University of Maryland
College Park Campus
December 22, 1973



Chancellor's Message

Excellence is measured by our commitment to discover knowledge. It is reflected in a spirit of inquiry, within a context of concern for humanity. It is our resolve that this Campus be a center where people come together for the common purpose of releasing their creative energies in the discovery of knowledge, a place where expectations are high and where expectations are matched by performance.

Excerpt from *Report to the Campus*
October, 1973
Charles E. Bishop, Chancellor

Order of Exercises

December 22, 1973

10:00 a.m.
Cole Student Activities Building

PRESIDING

Dr. Charles E. Bishop
Chancellor, College Park Campus

PROCESSIONAL

Triumphal March, Hector Berlioz
University Band and University Chorus
Conductor, John Wakefield

INVOCATION

The Reverend L. James Downs
Roman Catholic Chaplain

THE NATIONAL ANTHEM

Led by
Dr. Paul Traver

GREETINGS

Dr. Wilson H. Elkins
President of the University

Dr. Louis L. Kaplan
Chairman, Board of Regents

MUSICAL SELECTION

The Battle Hymn of the Republic,
William Steefe
University Band and University Chorus
Conductor, Dr. Paul Traver

ADDRESS

Mr. David R. Brower

CONFERRING OF DEGREES

Dr. Elkins, Honorary Degree
Dr. Bishop, College Park Campus

REMARKS TO GRADUATES

Mr. Timothy John Brennan
Graduating Senior

Dr. Bishop

THE ALMA MATER

HAIL! ALMA MATER!
Hail to thee, Maryland!
Steadfast in loyalty
For thee we stand.
Love for the Black and Gold,
Deep in our hearts we hold,
Singing, thy praise forever,
Throughout the land.

BENEDICTION

The Reverend Elizabeth Platz
Lutheran Chaplain

RECESSIONAL

University Band
Conductor, John Wakefield

The College Park Campus and The University

The Students

College Park is dedicated to young people. The Campus gives all students the chance to encounter new persons, new ideas and new interests, all of which they could hardly find elsewhere in such variety. Students may discover ancient Greece for the first time; they may try their hand at art; or they may use a computer to help design a better environment for man.

But whatever they investigate, whether it is under a microscope, or out in space or within the human mind, their experiences sharpen their vision and improve their judgment. They learn in and out of class, by relating to many people of their own age and by dealing with a cultured faculty. They are able, in these many ways, to better define their directions and their goals.

The Faculty

Men and women of varied personalities and interests instruct our students, scholars whose work ranges from the study of physical forces to the study of man in all his complexities. One professor studies properties more fundamental than the atom; another measures laser distances to the moon with an accuracy of inches; another simulates a computerized "electric avalanche" to study the effects of lightning; another leads students to excavate the ruins of Pompeii; while still another visits Maryland's marshes to better understand and ultimately preserve for all of us one of Maryland's particular treasures, the Chesapeake Bay.

One way to describe this Campus is through the interaction of student and faculty, but other points of view are interesting too.

The Campus

Located in suburban Maryland just nine miles from the Nation's Capitol, the College Park Campus offers a diversity of cultural, political and scientific resources to its students.

The Campus is a spacious one of 1,300 acres. Some of its 228 Georgian-style buildings overlook playing fields, the tree-lined central mall, or rolling lawns, while one or two border the few remain-

ing open fields of grazing land belonging to the University.

In enrollment, College Park is among the largest Campuses in the country. Undergraduates enrolled in fall, 1973 numbered 26,192 and graduate students 7,107 for a total enrollment of 33,299. This year's College Park operating budget is over \$115,000,000, and the University assisted over 6,000 College Park students with scholarship aid in 1972-73.

Undergraduates may choose from 71 programs for a major and graduate students from 61 graduate programs. In number of doctorates granted annually, the University ranks among the top thirty in the nation.

History

The University had its beginnings in 1807 with the establishment in Baltimore of the College of Medicine, an entirely faculty-owned institution granting the M.D. degree. When its name was changed to the University of Maryland five years later, it was given power to confer additional degrees. The first dental school in America, the Baltimore College of Dental Surgery, became a part of the University in 1840. Subsequently, the University opened schools of pharmacy, law and nursing.

Under a charter secured by a group of Maryland planters, the College Park Campus of the University, then called the Maryland Agricultural College, opened in 1859 and became one of the original land-grant schools in 1865. After a disastrous fire in 1912, the State acquired control of the College and bore the cost of rebuilding. In 1920 the State took over the faculty-owned University in Baltimore, merging it with the State-owned institution at College Park to form the present day University of Maryland.

In 1886 the Delaware Conference Academy was founded by the Methodist Church in Princess Anne, Maryland. The State acquired this institution in 1926, making it a division of the University of Maryland in 1948. It was made a Campus of the University system in 1970 as the University of Maryland Eastern Shore (UMES). A new Campus known as University of Maryland Baltimore County (UMBC) was opened at Catonsville in 1966.

Research Facilities

Among the exceptional research facilities are: a 140 MeV cyclotron; a nuclear reactor; scanning electron microscopes; subsonic, supersonic and hypersonic wind tunnels; an electron ring accelerator; a precision encoder and pattern recognition device; a gravitational radiation detection system including a gravimeter on the moon; a quiescent plasma device (Q machine); a psychopharmacology laboratory; three retro-reflector arrays on the moon; rotating tanks for laboratory studies of meteorological phenomena; Van de Graaff accelerators; a laboratory for basic behavioral research; an assortment of computers; the Astronomy Observatory, Center of Materials Research, Institute for Fluid Dynamics and Applied Mathematics, Institute for Molecular Physics, and the Water Resources Research Center.

The College Park Campus also owns and operates one of the largest and most sophisticated long-wavelength radio telescopes (located in Clark Lake, Calif.) and a cosmic ray laboratory (located in New Mexico).

In addition to these research opportunities in the biological, mathematical and physical sciences, research programs in the behavioral sciences, social sciences and education exist in many bureaus and institutes including: the Bureau of Business and Economic Research, Bureau of Educational Research and Field Services, Bureau of Governmental Research, Institute for Child Study, Institute for Criminal Justice and Criminology and the Institute for Urban Studies.

Libraries

University libraries include approximately 1,350,000 volumes on the College Park Campus, 15,000 subscriptions to periodicals and newspapers, plus nearly 730,000 microform units, as well as many slides, film strips, prints, music scores, and recordings. The new Undergraduate Library has a seating capacity of 4,000 students and is among the nation's largest. The library features a recreational reading collection of 5,000 paperbacks, and quadrophonic concert room, color video tape players and playback units, enclosed rooms equipped with instructor's consoles for the use of nonprint media materials, and wireless stereo headsets for tapes of lectures, plays, speeches, and music.



Academic Costume

The black caps and gowns worn by the students and faculty in the academic procession are of ancient origin. They have been the traditional costume of the scholar since medieval times and probably represent an adaptation of the ecclesiastical dress since many of the scholars of that period were members of monastic orders.

An intercollegiate commission in 1893 drafted a uniform code for costumes which has since been adopted by the majority of colleges and universities in the United States.

Each of the three academic degrees—bachelor, master, and doctor—has its own distinctive gown and hood. The bachelor's gown is distinguished by its long pointed sleeve. The master's gown has a longer, narrow, closed sleeve, extending below the knee; the arm is passed through a slit at the elbow. In contrast the doctor's gown has a full bell-shaped sleeve with three bars of velvet. The opening of this gown is faced with wide velvet bands. The velvet trim may be black or of a color indicating the general field of learning of the wearer, for example, blue for philosophy, green for medicine, purple for law.

The most colorful and distinctive item of the academic costume is the hood which passes around the neck and extends down the back. The doctor's is the largest of the hoods and the bachelor's the smallest. The bachelor's hood is often omitted. The color of the velvet edging indicates the field of learning. Below is given a list of department or faculty colors.

Agriculture/Maize
Arts, Letters, Humanities/White
Business Administration, Commercial Science/Drab
Dentistry/Lilac
Economics/Copper
Education, Pedagogy/Light Blue
Engineering/Orange
Fine Arts, Architecture/Brown
Forestry/Russet
Home Economics/Maroon
Humanics/Dark Crimson

Laws/Purple
Library Science/Lemon
Medicine/Green
Music/Pink
Nursing/Apricot
Oratory/Silver Gray
Pharmacy/Olive
Philanthropy/Rose
Philosophy/Blue
Public Health/Salmon
Physical Education/Sage Green
Science/Golden Yellow
Social Service/Citron
Surgical Chiropody/Nile Green
Theology and Divinity/Scarlet
Veterinary Sciences/Gray

The colors of the silk lining exposed in the center of the hood are those of the college or university which conferred the degree.

The cap or "mortar board" is uniform in design for all degrees. The tassel may be either black or the color of the field of learning. The tassel of the doctor's cap may be gold.

Academic Degrees

A degree is awarded for the successful completion of a course of study. There are more than 1,600 different academic degrees currently conferred by American colleges and universities.

The first known degree was a doctorate conferred by the University of Bologna in the middle of the 12th Century. Originally, the doctor's and master's degrees were used interchangeably, each indicating that the holder was qualified to give instruction to students. The bachelor's or baccalaureate degree indicated only entrance upon a course of study preparatory to the doctorate or mastership. Gradually, however, the bachelor's degree came to mean successful completion of one level of study preparatory to the higher degrees.

From Europe the use of academic degrees spread to English universities. Harvard University, William and Mary, and Yale followed the British pattern in the United States.

The Doctor's Degree

This is a term meaning teacher, or instructor, applied by ancient Romans to those who delivered public lectures on philosophical subjects. In the Middle Ages, from the 12th century, it came into use as a title of honor borne by men of great learning. It was first made an academic title at the University of Bologna, in Italy, which received from the Emperor the right of appointing *doctores legum* (doctor of laws). The University of Paris followed in 1145. Soon after, the popes granted the universities the right of appointing doctors *canonum et decretalium* (teachers of the canon law); and when the study of civil law came to be combined with that of the canon law, the title was changed to doctor *utriusque juris* (teacher of both laws). The faculties of theology and medicine followed that of law in conferring this title.

The doctorate in philosophy and science, and occasionally in theology and law, is given beyond the baccalaureate degree, and requires two to five years, the writing of a thesis, and the passing of written and oral examinations.

The doctor's degree represents the most advanced earned degree conferred by American institutions. There are two distinct types: the professional or practitioner's degree, and the research degree. The first type represents advanced training for the practice of various professions, principally: Doctor of Medicine, Doctor of Dental Surgery, Doctor of Veterinary Medicine, Juris Doctor and Doctor of Pharmacy. These degrees carry no implication of original research and are classified by the U.S. Office of Education, with bachelor's degrees, as the first professional degrees. The University of Maryland awarded the first two dental degrees in history, on March 9, 1841, and invented the name of the degree, D.D.S. as well.

The second type of doctor's degree is classified as research doctorates representing prolonged periods of advanced study usually accompanied by a dissertation which is designed to be a substantial contribution to existing knowledge on the subject. The most important of these, the Doctor of Philosophy, no longer has an implication of Philosophy for its holder, but represents advanced research in any of the major fields of knowledge. It was first awarded in the United States by Yale University in 1861.

The first Ph.D. was awarded at the University of Maryland in 1920.

The Master's Degree

The master's degree is an academic honor conferred upon students who have successfully completed work in advance of the baccalaureate. A thesis and an oral examination are usually required. The word magister connected with a qualifying phrase, was used among the Romans as a title of honor; but its present meaning must be traced to the time of the establishment of the oldest universities. Regularly organized faculties were not then known as they now exist in the universities. The whole circle of academic activity was limited to seven liberal arts, and those who received public honors on the completion of their course of studies, for their diligence and knowledge, and had already received the degree of baccalaureus (bachelor) were called magistri artium (master of the liberal arts).

In 1920 the new University of Maryland awarded its first M.A. and M.S. degrees in fields other than agriculture.

The Bachelor's Degree

The bachelor's degree represents completion of a four-year course of study of collegiate grade and is the oldest academic degree used by American institutions of higher learning. The degree Bachelor of Arts was first conferred in America in 1642 on the first nine graduates of Harvard College.

Maryland Agricultural College, which was later to become the University of Maryland College Park, awarded the first Bachelor of Arts and Bachelor of Science degrees in 1862.

College Park Campus Administration Officers

Chancellor
Charles E. Bishop

Vice Chancellor for Academic Affairs
George H. Callcott

Vice Chancellor for Academic Planning
and Policy
Thomas B. Day

Vice Chancellor for Administrative Af-
fairs
John W. Dorsey

Acting Vice Chancellor for Student Af-
fairs
William L. Thomas

Division Chairmen at College Park

Division of Agricultural and Life Sciences
Richard F. Davis

Division of Arts and Humanities
Thomas J. Aylward

Division of Behavioral and Social Sciences
Mary F. Berry

Division of Human and Community Re-
sources
George J. Funaro

Division of Mathematical and Physical
Sciences and Engineering
Joseph M. Marchello

Deans at College Park

School of Architecture
John W. Hill

College of Agriculture
Gordon M. Cairns

College of Business and Management
Rudolph P. Lamone

College of Education
Donald Maley (Acting)

College of Engineering
Robert B. Beckmann

College of Human Ecology
Marjory Brooks

College of Journalism
Ray E. Hiebert

College of Library and Information Serv-
ices
Margaret E. Chisholm

College of Physical Education, Recreation
and Health
Marvin H. Eyler

Administrative Dean for Academic Serv-
ices and Facilities
Vacant

Administrative Dean for Graduate Studies
David S. Sparks

Administrative Dean for Summer Pro-
grams
Melvin N. Bernstein

Administrative Dean for Undergraduate
Studies
Robert E. Shoenberg

University Central Administration Officers

President
Wilson H. Elkins

Vice President for General Administra-
tion
Donald W. O'Connell

Vice President for Academic Affairs
R. Lee Hornbake

Vice President for Graduate Studies and
Research
Michael J. Pelczar, Jr.

Vice President for Agricultural Affairs
Frank L. Bentz, Jr.

Board of Regents

Chairman
Dr. Louis L. Kaplan

Vice Chairman
Richard W. Case

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B. Herbert Brown

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Assistant Secretary
Mrs. Alice H. Morgan

Assistant Treasurer
L. Mercer Smith

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George C. Fry
Young D. Hance, *ex officio*
Samuel H. Hoover, D.D.S.
Edward V. Hurley
Hugh A. McMullen
Emerson C. Walden, M.D.

Officers of Commencement

Chairman
Dr. Robert C. Wiley, Professor, Horticul-
ture

Associate Chairman
Dr. Paul R. Poffenberger, Assoc. Dean,
College of Agriculture

University Marshal
Dr. Richard H. Jaquith, Professor,
Chemistry

Music
Dr. Eugene Troth, Professor & Chairman,
Music

Committee Members

Mr. Ulysses S. Glee
Office of Student Aid, Ushering

Mr. James R. Collier, Director University
Relations (College Park), Administrative
Arrangements

Mr. Robert J. Beiter, Asst. Professor, Agri-
cultural & Resource Economics, Platform

Mr. John T. Broadbelt, Supervisor Physi-
cal Plant, General Physical Arrangements

Dr. Gordon M. Cairns, Dean, College of
Agriculture, Guests

Mr. Jackson W. Wilson, Admissions &
Registrations, Diplomas

Mr. John A. Goecker, Director, Food
Services, Food

Ms. Joanne Janus, UMporium, Bookstore

Dr. Conrad B. Link, Professor, Horticul-
ture, Floral Arrangements

Dr. George Marx, Professor, Counseling
& Personnel Serv., Faculty

Mr. Amos R. Myer, Assoc. Professor,
Markets, Guests

Mr. William Reith, Physical Plant, Plat-
form and Physical Arrangements

Mr. Doyle P. Royal, Coach, Athletic
Dept., Parking Information, Lost & Found

Mr. Charles Jantho, Director, Physical
Plant, Physical Plant

Ms. Carol C. Crain, R.N., Health Services,
First Aid

Mr. Jerrold Witsil, Director, Public
Safety, Public Safety

Mr. L.B. Jankowski, University Police,
Traffic Control & Parking

David R. Brower Honorary Doctor of Humane Letters

An unrelenting leader of the conservation movement for thirty-seven years, David Brower has an immense reputation as a defeater of dams and defender of the wilderness. As first Executive Director of the Sierra Club for seventeen years, Brower fought many environmental battles and became one of the most powerful voices in the nation's conservation movement.

In the early nineteen fifties in his fight to preserve Dinosaur National Monument, Brower gathered together sportsmen, ecologists, wilderness preservers, and park advocates into the first effective coalition of conservationists. This effort became the birth of the conservation movement.

Since then he has continued to work as a conservationist. In 1969 he founded Friends of the Earth, an international organization, which he serves as President. He co-founded the John Muir Institute for Environmental Studies, serving as Director from 1969-71, and has also founded independent conservation organizations in England, France, Sweden, and Canada.

Born in Berkeley, California on July 1, 1912, Brower attended the University of California briefly. His career in the conservation movement began in 1933 when he became a volunteer for the Sierra Club. He was elected to the Board of Sierra Club in 1952, and during his tenure as executive director from 1952 until his resignation in 1969, membership in the club expanded from 7,000 to 77,000 members. A skilled skier and mountaineer, he expanded the club's Wilderness Outings Program, establishing knapsack, river and threshold trips, and personally leading some 4,000 people on prolonged trips into the remote wilderness.

During those years Brower also fought several major national park campaigns, helping to establish Kings Canyon National Park, preventing the loss of timberlands from Olympic National Park, and establishing the Redwood National Park and the Point Reyes National Seashore.

He played a vital role in the creation of North Cascades National Park and the National Wilderness Preservation System and was the originator of the Outdoor Recreation Resources Review.

Brower worked as an editor for the University of California Press from 1941 until 1952. He spent the war years preparing manuals and instructing U.S. army troops at the Mountain Training Centers in Colorado and West Virginia and serving in combat in Italy. He was awarded the Combat Infantryman's Badge and the Bronze Star.

He has had a prolific career as writer and award-winning editor of wilderness and mountaineering books. Among books edited by Brower are the Sierra Club's Exhibit Format Series, which includes *This Is the American Earth*; *These We Inherit: The Parklands of America*; and *In Wildness Is the Preservation of the World*. For the Friends of the Earth organization he has produced the series, *The Earth's Wild Places*.

Brower has received certificates of merit from groups such as the National Parks Association in 1956 and the Audubon Naturalist Society of the Central Atlantic States in 1967. He has received honorary degrees from Hobart and William Smith Colleges, 1967; Claremont College Graduate School, 1971; Starr King School for the Ministry, 1971; and the University of San Francisco, 1973.

He is awarded the Honorary Doctor of Humane Letters from the University of Maryland.



Candidates for Degrees

The 1973 class roster is comprised of degree candidates from the undergraduate and graduate programs at the University's College Park Campus since August 1973. As final action cannot always be taken for candidates by the time this program is printed, the list of candidates here is tentative only. The University reserves the right to withdraw or add names. All diplomas will be mailed by the Registrar's Office.

Students who have completed teacher education programs and appropriate documents may obtain Maryland Teaching Certificates in the College of Education Records Office (Room 3201) between 11:00 a.m. and 1:00 p.m. today, December 22, 1973.

Graduate School August 24, 1973

Doctor of Philosophy

Mary Inez Allen

English: *The Necessary Blankness: Women in American Fiction of the Sixties*

Nina Stromgren Allen

Botany: *Endoplasmic Filaments Generate the Motile Force for Rotational Streaming in Nitella*

Philip William Anderson

Education-Counseling and Personnel Services: *Rehabilitation Counselor Training and Experience As Function of Accurate Person Perception*

Eric Jonathan Artzt

Psychology: *The Learning of a Four-way Discrimination Task by Autonomically Labile and Stable Subjects As a Function of the Intensity of Auditory Stimuli and the Presence or Absence of Noncontingent Electric Shock*

Robert James Ashmore

Education-Human Development: *The Employment of an Auditory Perceptual Technique to Increase Ability to Predict Reading Success in Young Children*

Mohsen Ahmed Bangied

Agricultural and Resource Economics: *The Economic Impact of Public Health Regulations on the Development of the Fluid Milk Industry in the Northeast*

William Michael Bailey

Economics: *The Price Revolution, Population Growth, and Agricultural Change in Tudor England*

Jeffrey Delbert Benson

Chemistry: *Mechanisms of the Thermal Degradation of Poly (vinyl Chloride)*

Barbara Elaine Bernstein

Education-Human Development: *The Relationship Between Menstruation and Academic Performance in High- and Low-Motivated Students*

Vutthi Bhanthumnavin

Electrical Engineering: *Nonlinear Optical Interactions in KDP Prisms*

Dehajyoti Bhaumik

Physics: *Scaling, Light-Cone Structure and Parton Model in Deep Inelastic Electron-Proton Scattering*

Harley Joe Blankenbaker

Physical Education: *Relation of Interscholastic Athletic Participation to Social Class, Sex of Siblings, Ordinal Position, and Family Size*

Paul Sebastian Bodenman

Education-Social Foundations: *Academic Reforms in Selected Universities of the Federal Republic of Germany*

Walter George Bolter

Economics: *The Theory, Development, and Application of National Economic Budgeting with Special Reference to England, Sweden, and the United States*

Mary Lee Bretz

Spanish and Portuguese: *Evolucion de la obra novelistica de Pio Baroja (1900-1920)*

Albert William Briggs, Jr.

Mathematics: *A Classification of the Normal Congruence Subgroups of the Simplectic Modular Group*

Axel Ferdinand Briskin

Physics: *Proportional Counter Observations of Discrete Galactic X-Ray Sources*

Edward W. Cassidy

Education-Counseling and Personnel Services: *A Comparison of the Effects of Behavioral Rehearsal Under Group and Individual Treatments*

Vianney Kuochuan Cheng

Physics: *A Study of Deuteron Breakup Reactions by Protons at 65, 85 and 100 MeV*

Paul Lawrence Chrzanowski

Physics: *Gravitational Synchrotron Radiation*

John Joseph Cistrano

Recreation: *A Follow-Up Study of Recreation Graduates in Community Colleges Offering Recreation Programs in the State of Maryland from 1967-1972*

Richard Charles Clark

Government and Politics: *Wendell Phillips: Agitational Moralist*

Anne Marie Collins

Education-Counseling and Personnel Services: *The Attitudes Toward Women Scale: Validity, Reliability and Sub-score Differentiation*

Robert Gifford Davis

Physical Education: *The Effect of Perceptually Oriented Physical Education on Perceptual-Motor Ability and Academic Ability of Kindergarten and First Grade Children*

Triptesh De

Physics: *Bethe-Salpeter Equation and its Solutions in the Infinite-Momentum Limit; Radial Effects in the Symmetric Quark Model*

William Gittings Dorsey, Jr.

Mechanical Engineering: *The Hypersonic Turbulent Drag of Slightly Blunted Slender Cones with Afterbody Ablation*

Karen Sue Drowns

Education-Human Development: *The Extent to Which Level of Verbal Ability, Authoritarian Tendencies, and the Use of Guidesheets Affect Amount Learned by a Viewer of a Training Film*

Barbara Ellen Duncan

Education-Human Development: *Imaginal, Verbal and Spatial Abilities in Children; A Developmental Study*

Julius W. Enig

Mechanical Engineering: *The Unsteady Regular and Mach Reflections Resulting from the Interaction of Spherical Explosion Shock Waves in Water*

Lewis F. Flora Food Science: <i>A Study of Sweet Corn Aroma Volatiles and Their Influence on Flavor</i>	Leonard Michael Helfgott History: <i>The Rise of the Qajar Dynasty</i>	William Guthrie Kingsley Chemistry: <i>Spiro Fused Cyclopropyl Conjugation</i>	Howard Franklin Long Education-Human Development: <i>Relationships of Option-Choices to Cultural Backgrounds in a Group Mental Ability Test</i>
John Carl Foster Physics: <i>An Experimental Observation of Whistler Triggered Electron-Cyclotron Interactions in the Magnetosphere</i>	Gerald Melvin Henson Government & Politics: <i>Democratic Forms and Goals of the Fifty States: An Analysis of the Reciprocal Influence of Environment, Structure, and Output</i>	George Ralph Kinnear Physical Education: <i>The Effect of Hypoxic Training on Serum Lactate Dehydrogenase and its Isoenzymes in Male Wistar Rats</i>	Raymond Cletus Luebbe Mathematics: <i>Maximum Principles for the Neutron Transport Equation</i>
Sebastiano Francaviglia Mathematics: <i>Singular Integrals on Lipschitz Lines</i>	Earl William Holtzscheiter, Jr. Chemical Engineering: <i>The Study of the Radiation Induced Exchange of Oxygen-18 in Inorganic Molecular Ions</i>	William Kokotis Chemistry: <i>Metabolism of Nucleotides, Phospholipids, and Nucleic Acids in Acute Renal Failure Rat Kidneys</i>	Virginia Lee Lussier Government & Politics: <i>Political Performance, Political Conflict, and Government Response in Latin America</i>
Jolyon Pitt Girard History: <i>Bridge on the Rhine: American Diplomacy and the Rhineland, 1919-1923</i>	Mary Oliver Hudon Education-Administration, Supervision & Curriculum: <i>An Investigation of the Effectiveness of Two Motivational Techniques for Promoting Interest in Reading Among Second Graders</i>	Tor Laankan Physics: <i>Asymptotic Level Realization of SU(3) and General SU(3) Particle Mixing Among the Mesons</i>	Robert Stephan Lustig Chemistry: <i>The Photoisomerization of 2,2-Dimethylphenylcyclopropane to 4-Phenyl-2-methyl-1-butene: The Mechanism of the Reaction; The Nature of the Hydrogen Migration Transient</i>
Edmond Constantin Gouaze Government & Politics: <i>The Politics of Land Reform in Tunisia: The Unite Cooperative de Production (U.C.P.)</i>	Elizabeth Mary Zawalick Hughes Education-Human Development: <i>The Future Temporal Orientation and Time Attitudes of Institutionalized Active Older Adults</i>	Alice B. Lacy Sociology: <i>Interaction in a Women's Prison</i>	Robert Paul Martin Mathematics: <i>On The Decomposition of Tensor Products of Principal Series Representations for Real-Rank One Semisimple Groups</i>
Arthur Duval Grainger Mathematics: <i>On Nonstandard Topological Vector Spaces and Invariant Subspaces of Compact Operators</i>	Debra Phyllis Hymovich Education-Human Development: <i>The Pediatric Nursing Role as Perceived by Nursing Personnel and Four- to Eight-Year-Old Hospitalized Children</i>	James Allen Landry Education-Counseling and Personnel Services: <i>The Effects of Structured Experiences on the Relationship of Self Measured Cohesiveness and Interpersonal Relationship Skills to Behavior Change as Measured in Small Group Interaction</i>	Paul Anthony Martino Chemical Engineering: <i>The Role of Polymer Adsorption at Solid Boundaries in Hydrodynamic Friction Reduction</i>
Christian Eric Gronbech Physical Education: <i>Age and Sex Differences in the Generality of Handedness</i>	Ghobad Irani Government & Politics: <i>The Azarbaijan Crisis, 1945-1946: An Options Analysis of United States Policy</i>	Frederick Thornton Lauriat Education-Administration, Supervision & Curriculum: <i>Identification and Analysis of Factors Related to Selective Class Attendance in High Schools</i>	Evelyn May McElroy Education-Human Development: <i>An Investigation of the Relationship Between Aspects of Maturation and Cognitive Development Among New Born Infants</i>
Michael David Hais Government & Politics: <i>Change and Stability of the American Party Voting Coalitions 1952-1968: Description and Explanation</i>	Sonya Rae Iverson Education-Human Development: <i>Sex Education and Adolescent Attitudes</i>	Mary Louise Leach Education-Secondary: <i>Primacy Effects in Long Term Retention of Mathematical Algorithm</i>	Alice Marie McGill Education-Administration, Supervision & Curriculum: <i>The Effects of Knowledge and Experience Upon Source Credibility as Measured by Attitude Change</i>
Jacquelyn Hogue Hall Education-Human Development: <i>Computer Content Analysis as a Technique for Studying College Student Characteristics: A Methodological Investigation</i>	Jeffrey Peter Jensen Psychology: <i>Scientific Paradigms: The case of Discrimination and Reversibility in Conservation</i>	Robert Allen LeFande Astronomy: <i>Atmospheric Absorption and Emission of Microwave Radiation</i>	Michael William McKinney Government & Politics: <i>Political Attitude and Opinion Structures among Mass Publics: An Empirical Analysis</i>
Robert James Hearle Education-Secondary: <i>The Identification and Measurement of High School Chemistry Laboratory Skills</i>	Joseph Augustus Jones Physical Education: <i>The Effects of Subculture Upon the Aggressive Behavior of Black College Athletes Under Stress</i>	Stephen Henry Leventhal Mathematics: <i>The Method of Moments and Its Optimization in The Solution of Elliptic Partial Differential Equations</i>	Joan G. McMillan Psychology: <i>The Effects of Desensitization Treatment, Rational Emotive Therapy, and a Combination Treatment Program for Text-Anxious Students with High and Low Levels of Generalized Anxiety</i>
Henry Wendell Heikkinen Education-Secondary: <i>The Identification and Study of Factors Influencing Student Attitudes Toward the Study of High School Chemistry</i>	Marilyn Virginia Keilson Education-Counseling and Personnel Services: <i>Time-Limited vs. Time-Unlimited Therapy in a University Counseling Center</i>	Betty S. Levinson Education-Human Development: <i>Color and Form Preference in Dyslexic Children</i>	
Stephen Vincent Heim Psychology: <i>The Effects of Concept Type and Stimulus Dimensionality on Use of Positive and Negative Information</i>	Charles David Kerns Education-Counseling and Personnel Services: <i>Effects of Schedule and Amount of Observed Reinforcement on Response Persistence</i>	James Joseph Linduska Entomology: <i>An Evaluation of the Resistance of Commercial and Experimental Lines of Corn to the Corn Earworm, <u>Heliothis zea</u> (Boddie)</i>	

Michael Lawrence Murdock
Education-Administration, Supervision
& Curriculum: *Independent Study
Versus Lecture-Discussion in Teaching
Freshman Composition*

Philip J. Murphy
Psychology: *A Comparison of Different
Forms of Mediation in the Cardiac
Feedback Procedure*

Christine Audrey Nelson
Education-Human Development: *The
Influence of Touch-Pressure Cues on
the Organization of Children's Figure
Drawings*

Christopher Ng
Mechanical Engineering: *Optimization
Techniques for a Mechanical Vibration
Isolation Systems with
Multi-Degree-of-Freedom*

Sally Winn Nicholson
Education-Human Development:
*Relationship Between a Cartoon
Measure of Humor and Certain
Measures of Mental Health in Fifth
Grade Students*

Mary Mel O'Dowd
Education-Human Development:
*Family Supportiveness Related to Illicit
Drug Use Immunity*

David Michael Orcutt
Botany: *Lipid and Elemental
Composition of Diatoms with Special
Reference to the Effects of Light
Intensity on the Lipid Composition of
Nitzschia closterium*

Marvin Ellsworth Ortel
Mathematics: *Approximation by
Bounded Harmonic Functions*

Jospeh Thomas Piechocki
Chemistry: *The Determination of
Plasticizers in Biological Materials*

Chester Francis Poranski, Jr.
Chemistry: *Proton and Deuteron
Nuclear Magnetic Resonance Studies of
Crystalline Iodic Acid*

Charles Wayne Puffinberger
Botany: *A Chlorotic Ringspot Disease
of Euonymus Caused by a Strain of
Tomato Ringspot Virus*

Ross Everett Robson
Government & Politics: *The Policy
Orientations of Municipal Councilmen*

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Psychology: *Semantic Factors in
Children's Judgments of Active- Passive
Synonymy*

Stephen Sacks
Mechanical Engineering: *Interaction of
a Three-dimensional Fluid Jet with a
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Doris Smith Sewell
Education-Administration, Supervision
& Curriculum: *The Relationship
Between the Organizational Climate of
Elementary Schools and Parent
Attitudes Toward Education*

Joseph Albert Smith
Education-Human Development: *The
Prediction of Academic Success from
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Carol Ann Stevenson
Education-Administration, Supervision
and Curriculum: *The Development of
an Instrument to Examine Teacher
Influence on Decision Making
Behaviors of Children Ages Three to
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Government & Politics: *Attitudes
Toward Public Service Employment: A
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Paul Stanley Szczepanek
Physics: *The Measurement and Analysis
of the Strain Optic Spectra of Gold*

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Education-Human Development:
*Inter-Age Perception: How Old and
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Mechanical Engineering: *Direct
Observation of the Structure of Grain
Boundaries in the FeCo Alloy*

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Physics: *CNO Abundancies in the Sun
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Arcturus*

Muralidhara Rao Varanasi
Electrical Engineering: *Systematic
Codes and Their Application to
Computer Systems*

Jearl Dalton Walker, Jr.
Physics: *The Effects of
Extra-terrestrial Dust and Large Scale
Pressure Systems in the Lower E and
Upper D Regions on Night Glows as
Seen by OGO-4*

Vera Irmgard Wentworth
German: *Georg Hermann Und Das
Budermeier*

Arthur Kirkwood West
Physics: *Dynamics of a Stochastic
Model for Vertebrate Striated Muscle
Contraction*

Johanna Smith Wood
Education-Administration, Supervision
& Curriculum: *An Analysis of the
Effect of the Instructional
Development Institute Program on
Attitudes of a Selected Group of Public
School Personnel Toward Utilization of
the Systems Approach in Instructional
Development*

Doctor of Education

Peter Anthony Bielski
Education-Administration, Supervision
& Curriculum: *An Investigation of the
Effect of Simulation on Teacher
Acceptance of Pupil Response*

Robert Charles Cooksey
Education-Industrial Arts: *The
Development of an Achievement Test
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Education Level*

Joseph Exline
Education-Secondary: *A Study of
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Education and the Status of Earth
Science Education in Virginia*

Richard Logsdon Resurreccion
Education-Industrial Arts: *The
Development of Building Construction
Regulations for Single Family Detached
Housing Systems, 1951 to 1971*

John Henry Werner
Education-Administration, Supervision
& Curriculum: *The Willingness of a
Community College Faculty to Use
Television as a Medium of Instruction as
Related to Its Familiarity with Films
and Its Years of Teaching Experience*

Doctor of Musical Arts

Ada Julia Lasansky
Music: *Barcarola*

Sharon Guertin Shafer
Music: *A Survey of Igor Stravinsky's
Songs*

Master of Arts

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Suat Anar
Thomas Dewitt Anderson
Rivka Argaman
John Edward Baker
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Bachelor of Science

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Linda Anne Cuneo
Donna Marie Decker
Desiree Yvonne Deflorimonte
John C. Dennstaedt
† Paula Naomi Dinerstein
Carol Ann Dodson
Robert Forrest Durgin
Victoria Frances Dutrow
Bonnie Sue Epstein
Rohna Ellen Farber
Virginia Sue Fiero
Debra Noreen Folberg
Winifred Ramona Gallagher
† Charles Kenneth Gantz, II
† Linda Jean Gettle
Frances L. Gill
Milton Randall Gill
Gregg Michael Gochmour
Elizabeth Ann Goings
Elizabeth Joanne Goldsmith
Thomas Joseph Gorman
*Eileen Ann Groce
Henry C. Gurule
Mark Gordon Harrison
Margie Whitley Hayes
Theresa Ruth Herring
† Michael James Hersey
Maxine D. Hocheder
Jerome Joseph Hurley, II
Paul Michael Jankowski
Jacob Luther Johnson, III
Paula Anne Jones
*Martha Jean Keeler
William Galt Keyworth
Mary Theresa Klotz
† Sandra Mary Kovach
Joseph John Kozik
Susanne Mallon Krouse
Winifred Miriam Kuebler

Eileen T. Lancellotti
Patrick Alan Lawrence
Nancy Lee Loberg
Joan Marie Manion
John Joseph Marcario
† Jane Marilyn Martin
Leonard Percy Massie, Jr.
Karen Sue Mayville
Virginia Ann McBride
Susan Higgins McDonald
Susan L. McElwain
Geraldine Gill McKenna
Kathryn Leslie Michalek
Susan Phyllis Miles
Raymond H. Moore
*James Michael Moraz
Melita Imelda Morgan
Donald Arthur Munro
Gail Theresa Murdock
*Kevin Patric Murray
*Barbara Evanston Taylor Nock
Teresa Emma Oddo
Sheila Ann Oliver
Grady O'Rear
*Elaine Lee Palmer
Michael Arnold Parizer
Stephanie Marie Parks
Yvette Simone Pierluissi
Laverne Pitts
James Murray Prigel, Jr.
Eyvind Larry Quist
Marsha Kay Raiford
Cynthia Talmadge Rice
Elaine Frances Richman
Donna Leslie Rinis
Earl Rupert Roberts
Margaret Hanns Robling
Kyle Jerrold Roher
† Janet Rottenberg
Sharon Lynn Sappington
Coriesue Schecht
Susan Jane Schmidt
Betty Clark Simpers
Bonnie Lee Harris Slusser
George J. Smith
*Nelson Thomas Smith
Linda Diane Snyder
Mary Lou Stagg
Saundra Victoria Stanback
Steven Robert Steinberg
Cynthia Anne Hargraves Tapman
Robert John Thomas
Thomas Marshall Turner
Marla Susan Ugel
Susan Lind Unkle
Benjamin E. Wagner
Michele Ann Weil
John Joseph Wicker
† Milton Stanley Wilson
Wyman Murray Winn

College of Engineering

Bachelor of Science

† James Julius Alter
Raymond Christhilf Bryant, Jr.
Stanley George Budzynski, Jr.
James Nelson Caldwell
Peter Y. Cheung
Thomas Sau Shan Chow
*Zvi Egozi
Roger Warren Flynn
James Richard Herndon
† Edwin French Hiner
Stephen Harry Hudson
Donald James Kuester
Mark Edwin Lindler
Gerasimos Dionysios Marinakis
† Sewell Robins Marsh, Jr.
Michael Aloysius Moran
Richard Geter Rogers, III
William Chester Rollins
James Anthony Shannon
Douglas Michael Shute
Robert Taylor Smith
Robert Webster Stone, Jr.
John Raymond Sullivan, III
Staporn Vuthiganond
Dimitrios A. Zafiris
Ralph Carlton Zeltman

College of Human Ecology

Bachelor of Science

† Noreen Joyce Bradley
Linda Olson Butler
Susan Fry Clark
Betty Jane Coghill
Ronda Lee Dickman Cohen
Mary Roberta Doloff
Christine Lee Fisher
† Carol Goodall Gewehr
Shelley Anne Goldblum
Nelda Louise Harris
Lillian Jacobson
Betty Lois Lerner
Ann Joyce Levinstein
Deborah Louise Linsley
Kristine Ann McKellar
Jean Marie Measell
Sherrie Lynn Merwitz
Myra Jean Moeller
Elizabeth Louise Nevin
Reba Yvonne Pittman
*Susan Plaskowitz
Elmer Joseph Seek
Susan Frances Shevitz

Joy Anne Thompson
Janet Beverly Warren
Maxine Inez Whitehead
Annie Eades Wolfson

College of Journalism

Bachelor of Science

* Alice Irene Bailey
James Arthur Feister
Leslie Carson Gitomer
Dennis Alfred Hogan
Joseph Chester Karpinski
Kathleen Sue Mehrman Kelly
Gregory Saxton Rogers
Stephen O. Rossetti
Rita Saitta

College of Physical Education, Recreation and Health

Bachelor of Science

Maxine Beth Durrett
Deborah Ann Duvall
Philip Charles Fisher
Harriett Josephine Fraser
Anthony E. Greene
John Paul Hetrick
Alexander Macnutt
James Reaver Mitchell, Jr.
Stephen Karl Norton
Patricia Ann Polk
Charles Christy Smith
Robert Lee Smith
David Michael Thomas
Howard Lee White

Graduate School December 22, 1973

Candidates will be presented by
Dr. David S. Sparks,
Dean for Graduate Studies

Doctor of Philosophy

Nuha Haim Abudabbeh

Rehabilitation Counseling: *Offender Risk Taking and Stimulation Seeking Behavior: An Experimental Investigation of Two Hypotheses*

Chung Hyun Ahn

Chemical Engineering: *The Effect of Coagulation on Particle Size Distribution of Sub-Micron Aerosols*

Charles Alexander, Jr.

Electrical Engineering: *Linear Tuning of Variable Frequency Networks*

Thomas George Althen

Animal Science: *Growth Hormone in Genetically Obese and Lean Swine*

Douglas Lane Archer

Microbiology: *L-arginine: Its Role in Maintenance of Epstein-Barr Virus and Control of Immune Product Synthesis in Burkitts Lymphoma-derived Cell Lines*

Cary Bruce Barad

Counseling and Personnel Services: *Role Conflict Among Vocational Evaluators: Sources, Precursors, and Adjustive Correlates*

Nita Hale Barbour

Early Childhood-Elementary Education: *Relationship of Change in Child Language to Nursery School Climate as Determined by Teacher Verbal Behavior*

Anthony Allen Bednarczyk

Food Science: *Identification and evaluation of the Flavor-Significant Components of Ginger Essential Oil*

Lawrence James Boyle

Economics: *Analysis of Hydro-electric Industry in Quebec*

Gail Susan Bradbard

Counseling & Personnel Services: *Minimal Brain Dysfunction with Hyperactivity: A Comparison of the Behavioral and Cognitive Effects of Pharmacological and Behavioral Treatments*

Robert Clayton Bradshaw

Economics: *A Theoretical and Empirical Analysis of U.S. Bank Euro-dollar Borrowing, 1966-1971*

Steve Bravy

Mathematics: *Generalizing the Grothendieck Prime Spectrum*

Alice Sally Brew

Counseling and Personnel Services: *Effects of a Counseling Workshop on Adult Women and Counselors*

William James Burns

Secondary Education - Mathematics: *A Study of Interaction Between Aptitude and Treatment in the Learning of a Computer Programming Language*

B. G. Carter

Government and Politics: *Genes and Politics: A Constructive Critique of Paul Ramsey and Leon R. Kass*

Augustine Yim-Pan Cheung

Electrical Engineering: *Microwave Studies of Magnetically Induced Momentum Coupling in Laser-Produced Plasmas*

David William Coder

Mechanical Engineering: *Implicit Solutions of the Unsteady Navier-Stokes Equation for Laminar Flow Through an Orifice*

Michael Alan Cohen

Horticulture: *An Anatomical and Growth Regulator Study on Dwarf Shoot Apices of Pinus ponderosa*

Steven Charles Cohen

Physics: *Semiclassical S Matrix Theory of Vibrational Energy Transfer and Excitation in Collisions of Diatomic Molecules*

Craig Martin Cook

Computer Science: *Grammatical Inference by Heuristic Search*

Marsha Zelia Cummins

English: *Antonin Artaud's The Theatre and Its Double: An Analysis of Its Genesis, Its Intention and Its Influence in Modern Theatre*

Joseph Kenneth Daugherty

Physics: *Measurement of Cosmic Ray Positron and Negatron Spectra Between 50 and 800 MeV*

John Michael Davidson

Physics and Astronomy: *Study of the Level Structure of ^{19}Ne , Using the Reaction $^{17}\text{O}(^3\text{He},\text{ny})^{19}\text{Ne}$*

William Allan Donnelly, III

Economics: *An Econometric Model of Net Labor Migration in the United States, 1965*

Paul Francis Dvorak

Germanic and Slavic Languages: *Desire for Change and Individual Failure: An Attempt to Synthesize the Works of Wolfgang Koeppen by Means of the Antitheses of Positive Action and Personal Resignation*

Thomas Walton Eastman

Science Education: *The Development and Validation of an Environmental Attitude Measure with Predictive Validity*

Kenneth Henry Eckels

Microbiology: *Virion and Soluble Antigens of Japanese Encephalitis, and Closely Related Arboviruses*

Mohammad Shaaban El-Azhary

Government and Politics: *Potential Groups in American Politics - The Case of American Jews*

Hosni Mohamed Elnigoumi

Agricultural and Resource Economics: *Transportation Between Sudan and Libya as a Means For Socio-Economic Development: Beef and Oil*

Paul David Elstein

Government and Politics: *A Longitudinal Analysis of the Legislative Behavior of Freshman United States Senators*

Charles Joseph Errico

History: *Foreign Affairs and the Presidential Election of 1940*

Jacob Exler

Biochemistry: *Partial Purification and Properties of B-Glucuronidase from the American Oyster, Crassostrea virginica (Gmelin)*

Daniel Herbert Fishman

Computer Science: *Experiments with a Resolution-Based Deductive Question - Answering System and a Proposed Clause Representation for Parallel Search*

Jerry Richard Fram

Physics: *The K^*p Interaction at 473 MeV/c and 590 MeV/c*

Herbert Lundy Garris

Government and Politics: *Constitutional Revision in Virginia: An evolution of the Democratic Process, 1968-1970*

Tove Helland Hammer

Psychology: *The Influence of Supervisory Behavior on Subordinates Motivation: A Model and a Measure of Leadership*

Ann McIntosh Hoffelder

Science Education: *The Development and Evaluation of Three Types of Instructional Organizing Materials for Introductory College Chemistry*

Robert Steen Hornady

Plasma Physics: *Analysis of Two Nonneutral Plasma Equilibria, Measurement of the Trapped Electron Energy Distribution*

Chih Ming Hu

Physics: *Rotational Stokes' Resistance of a Prolate Spheroid in an Incompressible Viscous Fluid under Perfect Slip*

Anne Skone Jameson

Elementary Education: *An Analysis of Self-Esteem and Academic Achievement of Tri-Racial Isolate, Negro and Caucasian Elementary and Middle School Boys and Girls*

Thomas Burton Kaiser

Physics and Astronomy: *The Behavior of Charged Particle Distributions in Time-Independent Stochastic Magnetic Fields*

Ronald Lee Kimball

Psychology: *Effects of Pretherapy Manipulations on Measures of Group Cohesion*

- Gerald Lee Klingaman
Horticulture: *Reduction of Ambient Air Pollution Injury to Foliage of Chrysanthemum morifolium Ramat. Using Tolerant Cultivars and Chemical Protectants*
- Elizabeth Janssen Koopman
Institute for Child Study: *Identity Formation Processes in Volunteer and Nonvolunteer University Students*
- Robert J. Korbach
Economics: *A Regional Environmental Input-Output Model*
- Brian Marc Krupp
Astronomy: *A New Analysis of the $A^2\Delta-X^2\Pi$ System of CH and the Carbon Twelve/Carbon Thirteen Ratio in Arcturus*
- Allan Reid Kuhns
Chemical Engineering: *Thin Film Formation by Photopolymerization of 1, 3-Butadiene*
- Pauline Sheplan Lerner
Chemistry: *Proteolipids in Brains of Normal Mice and Myelin Deficient Mutants: Developmental Studies and Subcellular Localization*
- William Henry Licata
Electrical Engineering: *Dominant Pole Identification Applied to the Low Order Modeling Problem*
- Pearl Caren Lipsie
Counseling and Personnel Services: *An Investigation of Effects of the Transitional Workshop Program on the Work Attitudes, Work Habits and Sensitivity Worker Role, Demand and Self Concepts of the Mentally III*
- Ann Seymour Madison
Institute for Child Study: *Psychophysiological Responses of Female Nursing Home Residents to Back-massage*
- Swadesh Mitter Mahajan
Physics and Astronomy: *Equilibrium and Stability Properties of Relativistic E-layers and Electron Rings*
- Raul Torino Mainardi
Physics and Astronomy: *A Measurement of the Cosmic Ray Be/B ratio at Energies > 1.5 Gev. using a Large Area Proportional-Scintillation Counter Stack*
- Luis J. Matienzo
Chemistry: *Part I. Applications of X Ray Photoelectron Spectroscopy to the Study of Inorganic and Organometallic Complexes of Nickel, Palladium, Platinum and Molybdenum. Part II. The Synthesis and Characterization of Some Novel Polydentate Phosphorus-Nitrogen Ligands*
- Ernest Charles Mauch
Industrial Education: *Using Placebos in Teaching Vocational Education*
- Terrence Joseph McCreary
Electrical Engineering: *On Adaptive Equalizers*
- Charles David McGlothlin
Chemistry: *The Coulometric Determinations of Galactose Oxidase Activity, Galactose in Serum, and Copper in Aqueous Solution*
- Charles Anthony Meegan
Physics and Astronomy: *A Measurement of the Primary Cosmic-Ray Electron Spectrum from 6 GeV to 100 GeV*
- Otho Ernest Michaelis IV
Animal Science: *Studies on the Mechanism of the Sucrose Effect in Rettus norvegicus albinus*
- David Lee Milgram
Computer Science: *Web Automata*
- Manuel Lopez Morales
Counseling and Personnel Services: *School of Psychology: Effects of Schedules of Observed Reinforcement and Observer's Deprivation Level on Persistence in Imitating*
- Edward E. Morler
Administration, Supervision, and Curriculum: *A Study of the Effects of Transcendental Meditation on Selected Dimensions of Organization Dynamics*
- Patrick Munley
Psychology: *An Exploratory Investigation of the Relationship Between Erik Erikson's Theory of Psychosocial Development and Vocational Behavior*
- James Jeremiah Nolan
Counseling and Personnel Services: *A Comparison of the Effects of the SDS versus Group Counseling on Occupational Information Seeking Behavior*
- Arnold Williams Orvedal
Chemistry: *Studies of Anions Containing 4n π n-Electron Rings*
- Joe Louis Padgett
Secondary Education: *A Study of the Influence of Synthetic Relevancy Teaching Methods on Student Attitudes Toward and Achievement in the Physics Portion of a Physical Science Course for Pre-Service Nursing Students*
- Whiton Stewart Paine
Institute for Child Study: *Effects of Two Sequences of Group Dynamics Models on Student Performance in a Discussion Course*
- Sulur Pachayana Thever Palaniswamy
Civil Engineering: *Optimization of Traffic Flow on a Restricted Facility - A Conceptual Framework*
- Neil Jeffrey Pearl
Chemistry: *Reactions of Bicyclo(5.1.0.) octadienes and Cycloheptatrienes with Potassium Amide in Liquid Ammonia; NMR Studies of the 8, 8-Dimethylcyclooctatrienyl Anion; NMR Studies of Cyclononatryl Anions*
- Eulah Blue Peters
Secondary Education: *A Study of Student Attitudes relating to Certain Instructional and Socio-Economic Factors in Junior High School General Music Classes in Eight Baltimore City Public Schools*
- John H. Pflaum
Institute for Child Study: *Development of a Life Quality Inventory*
- Wallace Kimball Pond
Administration, Supervision, and Curriculum: *Interrelationships Between The Organizational Climates of Secondary Classrooms as Perceived by Both the Teachers and Students of Those Classrooms*
- Karen Logozzo Rancourt
Elementary Education: *The Moderation of Comprehension in Reading by Three Perception Formats and Three Fatigue Levels*
- Patricia Sinclair Reichelderfer
Microbiology: *Studies on the Replication of H1 Virus*
- Branimir Marian Rieger
English: *The Development of the English Literary Letter, 1500-1640*
- Curtis Robinson
Botany: *Mineral and Hormonal Effects on Growth and Morphogenesis of Mungbean (Phaseolus aureus L.) Seedlings*
- Norman Phillip Ross
Measurement and Statistics: *Power Comparisons of Fixed Effects Randomized Block and Analysis of Covariance Using Qualitative Concomitant Variables*
- David Parry Rubincam
Physics and Astronomy: *The Early History of the Lunar Inclination*
- Sarah Leff Schmidt
American Studies: *Horace M. Kallen and the Americanization of Zionism*
- Richard Eric Sheads
Chemistry: *Synthesis and Reactions of Benzo-Naphthotriazinones, 2,1-Benzisoxazolium Salts, and Benzo-azetinones: Formation of a Benzo-azacyclobutadiene Derivative*
- Joyce Lee Shields
Measurement and Statistics: *An Empirical Investigation of the Effect of Heteroscedasticity and Heterogeneity of Variance on the Analysis of Covariance and the Johnson-Neyman Technique*
- Jay Richard Simon
Chemistry: *Membrane Transport of Gamma-aminobutyric Acid in a Synaptosomal Fraction Isolated from Rat Brain*
- Elaine Frank Sloan
Library and Information Services: *The Organization of Collection Development in Large University Research Libraries*
- Robert Alan Smith
Physics: *On the Io-modulated Jovian Decametric Radiation*
- Robert Gordon Smith
Educational Administration: *The Effects of Leadership Style, Leader Position Power, and Problem Solving Method on Group Performance*

Leivy Smolar

History: *Ernest Renan and the Civilization of Ancient Israel*

Maria Elisabeth Sommer

Institute for Child Study: *An Experimental Study of Attitude Modification Through Role-Playing in Authoritarian and Democratic Orientations*

Norman Crawford Steele

Dairy Science: *Lipogenesis and Celularity of Adipose Tissue from Lean and Obese Swine*

Alan John Theiss

Physics and Astronomy: *An Investigation of the Equilibrium and Symmetric Wave Propagation Properties of Rigid Rotor Nonneutral Plasmas*

Clair Brown Vickery

Economics: *Why Unemployment Rates Differ by Race and Sex*

Melvyn Roger Viner

Astronomy: *A 26.3 MHz Radio Source Survey with an Absolute Flux Scale*

James Stanley Ward

Geography: *Geographic Dynamics of Skid Rows in North America*

Elbert Kelsey Weaver

Engineering Materials: *The Influence of Grain Size on the Mechanical Properties of the Powder Metallurgically Processed Nickel Base Alloys-Monel and Astroloy*

Doctor of Education

Frank Norman Ellis

Administration, Supervision, and Curriculum: *The Production, Development, and Validation of an Original Self-Instructional Program and Supplement on Musical Note and Rest Values in Common Time*

Doctor of Business Administration

Ronald James Webb

Business and Management: *Organizational Effectiveness in Voluntary Organizations: A Study of the Institutional Church*

Richard Paul O'Neill

Business and Management: *Transformation Methods For Column Generation Procedures in Nonlinear Programming*



Graduate School December 22, 1973

Master of Arts

Sandra L. Ainsfield

Elizabeth Josephine Anderson

Ingeborg U. Angiletta

Margaret Elaine Arenas

Abdolhi Armand

Correan Marrie Baker

Paul Stephen Barnett

Charles Michael Bartholomew

Uzi Imanuel Ben-Ami

June Doris Oliveri Bond

Amy Sandra Bookman

Marina Demos Brand

Robert Charles Brooks

Rose W. Butler

Lila de Lesseline Caffery

John Wakeman Carlo

Everett Bacon Chamberlain, II

Anju G. Chaudhary

Carolyn Jeanne Coakley

Penelope Anne Cole

Barbara Graham Cooper

Mark Neil Cooper

Patricia Ann Cooper

Diane Wilson Cormicle

Christine Ann Courtois

Glenn E. Crellin

Robert Baldwin Crocker

Neiton Machado de Oliveira

John Thomas Dorsett

Richard Alfred Drozd

Stephen J. Duckworth

Robert Allen Duffy

Alice J. Dunlap

Elizabeth T. Duskin

Joel Duane Ellermeier

David Paul Fago

Charles Keith Fennell

Kenneth Howard Ferguson

Lydia Eugyma Fontaine

Richard Neil Friedman

Irene Baer Friendly

Robert Allan Gaddie

Nancy Ellen Gadzuk

Steven Gibson

Joanne Giza

James Joseph Gorman, Jr.

Linda Anne Grassie

Guven Guloksuz

Robert Walter Haddon

Ronald E. Hagen

Mary B. Halsdorf

Barbara Cohen Hammack

Carol Elaine Hart

Janet Louise Hartley

Eugenia Louise Hathorn

William Larry Hawkins

Bruno Heidik

Judith Harper Hendrickson

Steele Waychoff Hill

Nancy Mary Horstmann

William Edward Hrezo

Leonard Harold Hughes

Edwin Carlton Jones

Robert Juarez

Kevin W. J. Kadell

Joel Howard Kaye

Margaret Saxon Keller

Elizabeth Marcia Kimen

Joanne Marie Kirkey

Bruce Robert Kleinhans

William H. Knox

Gail Schuler Koenig

Frank John Korpusik

John Francis Lacny

David Charles Larkin

Pamela Lorna Lee

Wesley Walton Lee

Evelyn Frances Levisky

Joan Adele Lewis

Robert Wayne Liming

Callie Annette Looper

Rolando Emelio Loret-de-Mola

Charles William Lowrance

Nancy Lyons

Cynthia Mahabir

Patrick Michael Mahady

Adrian J. Martinez

Garry J. May

Isadora P. Mayer

Donald John McCauley

Marilyn Jean McGilvrey

Janice J. Mills

Gretchen Molitor Mirrielees

Thomas Francis Monteleone

Alma Nugent Moriconi

Robert Joseph Mullin, Jr.

Donald Gary Mullins

Joseph Loren O'Connor

William Martin Orr

Lou Lung Pai

Kenneth Henry Patton

William Harold Perry, Jr.

David Paul Peters

Herbert Austin Phillips

Frank William Porter, III

Karen Worthington Posey

Lois H. Pottorff

Edward Charles Pytlik

Robin Lynn Raphael

Clement L. Richmond

Karen Lemoyne Roberts

Steven E. Sabloff

Kooros Sadighi

Monwadee Samakoses

Robert Marc Schnapp

Joy Green Schwab

Ruth E. Scott

Beverly Segina

Frederick Sherman Seidenberg
Phyllis K. Sharlin
Lynn J. Sherman
Steven Bruce Silvern
Robert A. Skylar
Elizabeth Sewell Smith
Joseph H. Smith, II
Mary Conway Smith
Timothy James Smith
Nancy Olness Snyder
Penelope Tarasuk Spaldo
Cynthia Hoff Stewart
Patricia J. Stine
Nancy H. Stokes
Helen S. Stolker
Kimberly Cowan Stone
Eileen Langan Sullivan
Gerald Vance Teague
Juanita Lee Bethea Thompson
Ann R. Tickamyer
Franklin Albert Tinney
Mitra Toossi
Marjorie Barbara Tribendis
Andy L. Trohanis
Alfred Thomas Tudor
Linda Carole Valcik
Carmine Michael Valente
Stanley Dubois Vernooy, III
Lynn Yarrington Vince
John G. Volonts
Harvey Walden
Suzanne Warrick
Marilyn Essex Weirath
Jack Noel Willett
James Otis Williams
Michael Victor Wurm
Mhen Tcheng Yee
Ruthellen Beller Yoshpe
Gladys Bertila Zaldivar
Adam Henryk Zynger

Master of Business Administration

S. A. Babu
Philip M. Barnes, Jr.
Daniel Charles Barnett
Jill Marie Beierlein
Stanley M. Beitsch
Thomas Michael Calandra
John Marc Chittum
Robert Benjamin Clarke, Jr.
Michael John Collison
Robert Morris DeGarmo, Jr.
William Blythe Ebersold
Lutz Rainer Filipowsky
Charles Patrick Foreman
Frederick Knapp Ganjon
Mark Handelman
Burton J. Haynes
James Emmanuel Hondroulis
Leonard I. Jacobs
Thomas Stephen Keefe
Stuart Allen Klein
Paul Gerald Leconte

Jack Newton Lewis
Jerome Montgomery Li
Wesley George Lyvers
Eric Alan Marts
Emil Craig Milacek
Clifford Kenneth Otto
Kenneth Ratkovich
James Charles Ronning
Joe Allan Stamm
Peter Auldan Sutton
John Gustave Vogelmann
Peter Ellis Youngs

Master of Education

Gayle V. Amos
Ralph E. Appreti
Marcia Mathias Barnes
Marlene D. Beckman
Roger Brian Beechener
Swarup Bhatnagar
Barbara Beth Blackberg
Linda Marie Blauth
Bernice Bloom
Henry Fred Bohne
Bonnie Louise Boone
Nancy Rader Booth
Marcia Melby Boyd
Thomas Daniel Bradley
Drina Brown
Fredericia Ann Bunting
Michael Raymond Cady
Milagros H. Carrero
Mary Joanne Carroccio
Aleen Carol Chabot
Elaine K. Chan
Sandy Leslie Charyn
Kohl D. Coffman
Ann Marie Collier
Eleanor Elizabeth Collins
Pamela Ellen Cope
Elizabeth Stanford Cornelius
Joyce R. Dannecker
Jean Fairchild deTarnowsky
Alexander Colclough Dick, Jr.
Dolores Pawley Dickerson
Dorothy Frantz Dix
Ogden H. Donellan
Susan S. Dranitzke
Jacqueline Earlene Dutton
Elma Ann Edwards
Jane Ann Eiden
Margarita Sotolongo Escatell
Nicholas W. Fanatico
Jane Irina Fidler
Patricia Maureen Finnerty
Sharon Lee Fones
Dorothy Gisella French
Deeva Wolfbein Garel
Marcia Ann Geiger
Frank Warner Hale
Lana Winifred Harding
Stanley Glenn Harger
Timothy Lehn Henderson
Barnelle Herring

Helen Elizabeth Holwick
John David Horman
Estelle Kessler Horowitz
Thomas Joseph Hunt
Ann Wagner Inderbitzin
Barbara Esterman Jacobowitz
Lee D. Johnson
Judy Ramoy Johnstone
Miriam Kaplan
Linda S. Karr
John Knapp Killiam
Cheryl Helene Kirschner
Rosemary Louise Kozura
Thomas Joseph Labonte
James Julius Larkin
James H. Layton
Joan Lipnick
Sheldon J. Lloyd
Patricia C. Long
Fred H. Lowenbach
Francis Joseph Luther, III
Linda Marcks
Charles Henry Marcus
Gail Maureen Makferding
Michael Graham Marsh
Frank Mastroianni
Anthony Paul Mazzucco
Floryne Marie Owens McLean
Dorothy Jean Medert
Constance M. Meyerle
Joyce Aileen Miller
Michael Archie Moore
Alice Barnes Moreland
Bonnie Lee Muller
Diana Evelyn Musick
Betty Seibert Myers
Leonard Edward Neels
Gretchen Louise Nethken
Gladys Biosca Ortega
Joyce Marie Perrie
Londa Jean Peters
Branda Harriet Peterson
Phyllis Pitt
Phyllis Southworth Preston
Barbara Jean Puri
Phyllis Jean Ramsey
Barbara Lucille Reinhard
Larry A. Reitz
Paul Stephen Ressler
Margaret Katherine Rightnour
Isabelle G. Ruth
Henry John Sadler
Erma E. Sarahan
Wallace Thomas Schindler, Jr.
Jessica Posch Servis
Mary Ellen Sessa
Jean Ellen Seubert
Nadia R. Shuman
Abbey Paula Siciliano
Lewis Wilson Smith, Jr.
Michael Solonevich
Barbara Conant Spada
Wendy Lucille Squiers
Paula Jill Stokes
John Sushinsky

Edith S. Sussman
Marie Mayor Tarbell
Delbert Woodrow Twert
Ronald Albert Valenti
Regina Mary Wallace
Janice Paula Ware
Martin Wehrle
Bernadette E. Welch
Ruth-Ellen Whitman
Lynda Carrol Whittaker
Robert L. Wistort
Susan Carey Wright

Master of Fine Arts

Leif Aelfric Olson Beachley Erickson
Carl Elliot Goldhagen
Ileen Inyoung Lee
Rosemary Rejszel
Mary Maggie Stres

Master of Library Science

Rochelle Linda Bader
Carol Ann Becker
Rochelle Goldstein Braunstein
Sherie Lee Brook
Janet Helen Cherchuck
Alice Chin
Jane Elisabeth Coleman
Mary Therese Conte
James Bradford Cordes
Mary Susan Crickman
Nancy H. Cummings
Joan Anne Deacon
Kathleen Ann Dolan
Linda Ann Fair
Janice Marie Foster
Terry S. Freeman
Ruth M. Friedman
Joan Ruth Giesecke
Kathryn Alexander Giesey
Bonita Sherl Glatstein
Mary Jane Gruber
Carol Elizabeth Jacobson
Carla Harris Johnson
Cecilia Lavonne Keller
Diane Corinne Kemmerling
Janet Gromfine King
Edward Earl Leslie
Thomas Henry Lester
Alix Carol Levy
Jane Ann Lindley
Dorothy E. Marvel
Lynn McCloud
Judith Corbett Mero
Judith A. Morris
Louise Alberta Mortimer
Robert Francis Neville
Marianne Selly Newman
Betty J. Ng
Nancy Etkind Parsons
Daniel Alan Peed
Lynn Riedel Puccinelli
Mary M. Putnam
Robert C. Robinson

Paul Martin Rosenberg
Barbara Rush
Kennetta Peters Russ
Diane Pope Schule
Daniel Thomas Seldin
Anne Lane Sheldon
Sam Steinberg
Anne M. Tzaruas
Beth M. Wescott
Linda F. Williams
Lynda M. Wiseman

Master of Music

Donna K. Eastman
Robert Vernon Shuffett

Master of Science

David Lewis Almquist
Walter William Arbogast, Jr.
Frederick K. Arzt, Jr.
William Gleason Bail
David Charles Bailey
Philip Alan Bender
Wayne Berman
Warren Lange Besore
Marcia Anne Blackman
Thomas Michael Blessington, Jr.
Ellen Linda Bouwkamp
Robert Kenneth Brooke, Jr.
Charles H. Brown
James Edgar Buchanan
Eileen G. Buckoltz
A. Michael Budjako
Dennis Rudolf Bunty
James Vincent Case, Jr.
Pao Ling Chiu
Monica Marie Cimino
Roger Brian Clark
Sharron Ann Clark
Larry Roy Collins
Calvin Carl Coulbourne
George Richard Curran
John Thomas Dalton
Ronald Harry Davis
Suzanne Knorr Diachenko
Lewis A. Dokmo
Stephanie Doores
Edward Martin Dougherty
Robert Gary Dubois
Kenneth Myer Epstein
Martin N. Epstein
Audrey Merle Evans
John Raymond Fair
Richard Frank Fernsler
Jody Eleanor Fischer
Ralph Leroy Fogwell
Arnold Norman Forman
Stephen Royal Frary
Anne Marie Fraser
William Ronald Gluck
Edgar Arturo Gonzalez
Robert Paul Harnack
Philip J. Hatchard
Peter A. Heimann

Gregory David Heuston
Viet-Dung Hoang
Carvel Edward Holton
James Clifton Horne
Edward Lawrence Hultgren, Jr.
Laura Katherine Hutton
Richard L. Irvine
Thomas Joseph Jackson
Kathryn Angela Jakes
Gail Robertson Janes
William C. Jenkins
Edward Peter Johnson
Michael Leroy Kaiser
Howard T. Kaplan
Richard Alan Kehs
Wendell Wallace Kelley
Ronnie L. Kinsley
Miroslav Z. Knezevic
Ronald Frank Korcak
Madeleine M. Kreitzer
James Max Krell
Ravi Chandar Krishnan
Chhaya R. Kulkarni
Kerry Lee Lake
Darryl Alexis Lang
David Carl Langjahr
Yuet Alfred Lau
Kun Jai Lee
San Myung Lee
Hsin-Fu Liu
Michael Lee Lowry
Wei-Lan Lu
Norma Moore Martof
Geoffrey Toya Masaki
Theodore Terry Miller
Carol Bergfeld Mills
Faren Williams Mitman
David Gail Mongan
Mir Massoud Mortazavi
Carlos Mendonca E. Moura
Barbara A. Muller
Jan Moller Nielsen
Robert Miller Nielsen
Herbert Lewis Novitsky
William Thomas Ofenstein
Jerry L. Orser
Dennis Blair Osika
Mary Ann Ottinger
Anh Le Phung
Rita Ann Poretsky
James Thomas Pritchard
Richard Quintero
Janice Arlene Rambo
Kee Woo Rhee
John Calhoun Richardson, Jr.
Marvin Charles Roscoe
Louis Paul Rose, Jr.
Marianne Emerson Russek
Vincent Michael Russo
Wesley Delmar Sage
Alfredo Sanchez
Johnson R. Saunders, Jr.
Douglas Charles Seeley, Jr.
William Charles Sherbin
Christine Marie Simon

James Michael Sinton
Steven Avery Smith
Wayne Elton Smith, Jr.
Norman Scott Spencer
John Francis Stasiewicz, Jr.
Joel Samuel Steel, Jr.
Priscilla deJesus Steele
Preston Skinner Stoughton
Eleonore Luzia Swim
Hugh V. Tamassia
Seshagiri Rao Tammara
John Woodrull Thompson
Oliver Howie Thompson
James Stanley Tobin
Immanuel I-Ming Tung

Richard Martin Venable
Robert vonHusen
Joseph Robert Wagenhofer
Alan Bruce Wang
James Richard Wardell
Walter Allen Webster, III
Robert John Went
Samuel Clement Whelan
Adrienne Marron Winters
Daniel George Wolf
David Michael Word
Shou Sung Yang
John Tsu-Chih Yeh
Robyn Sue Zeiger
Amanda Day Zeltman



College of Agriculture

Candidates will be presented by Dr. Gordon Cairns, Dean of the College

Bachelor of Science

William Henry Allenberg
 * Martha Christine Anderson
 Rex Carlton Anderson
 Susanne Lee Bohrer
 Jerome Cullen Burdick
 William Sidney Burgess
 Maurice F. Casey, III
 Andrew Bruce Celmer
 Neville Joseph Chang
 Wayne Leland Chubb
 Bonita Ellen Conard
 George Edward Costantino
 Stephen Gerard Femiano
 Herbert Spry Ford, III
 Meredith Lee Fouche
 Philip James Geraci
 William Andrew Gill
 Joan Carol Gotthardt
 Frederick Charles Harrison
 * Oliver Megs Hepler, III
 David Stephen Hill
 Timothy Michael Human
 Guy Ryland Hylton, Jr.
 David Allan Jaquith
 Stephen Paul Johnson
 George Washington Jones, III
 Michael Russell Kim
 Donald Stephen King
 Stephen T. Kirk
 James E. Kirkley
 * Michael Walter Lloyd
 David Alexander McKelway
 * Elbert Lawrence Merrill, Jr.
 Mark Randolph Millikin
 Daniel M. Muller
 George A. Nepert
 Susan P. O'hara
 August James Olszewski
 Charles Richard Phillips
 Timothy F. Ray
 Howard W. Reel, Jr.
 Lynn Ann Rucker
 Linda Meredith Scheer
 John Kenneth Schoolmeester
 Amado G. Soler
 Enrique A. G. Soler
 † Theodore P. Streett
 Daniel Joseph Sweeney
 Kenneth Marc Tefteau
 John Kenneth Umbarger
 † Edgar Anthony White, Jr.
 Lawrence Scott Wilkinson

School of Architecture

Candidates will be presented by Prof. John Hill, Dean of the School

Bachelor of Architecture

Lu Mai Seto

College of Arts and Sciences

Bachelor of Arts

Jacob Abramowitz
 Fernando Ferruccio Accame
 Randolph Alan Albright
 Steven L. Alkire
 Rudolph Albert Herman Allendorf, III
 † Karen Lee Ashlin
 Christine Walker Bailey
 Anthony Baird
 Kenneth Baldwin
 Randall Lee Balin
 † Michael Dean Barker
 Hugh Vaden Barnes
 Mark David Baron
 John Foster Batka
 Eric Joseph Bechtel
 Mark Bradford Benson
 Linda Barbara Berger
 Robert Leonard Berry
 John Michael Bigley
 Ralph Bland, Jr.
 John Michael Board
 * Kathleen Patricia Boicourt
 Penelope Ball Boyter
 James Aloysius Brew, Jr.
 Alfred Bruce Brizendine
 † Arthur Richard Brodsky
 Arnold John Brogan
 Mary Ann Brown
 * Monica Anne Brown
 Deborah Reed Bryan
 Joan Caroline Burton
 William Joseph Bushwaller
 Lawrence Michael Byron, Jr.
 † Louise E. Luhning Cabeen
 Carol J. Caramagno
 Beverly Anne Carden
 Janis K. Carson
 David Lee Carter
 Eric Dean Carter
 Marvin Lee Carter, Jr.
 Gwendolyn Lee Caterina
 Wayne Archie Cawley, III
 Jerry Burtis Cesak, Jr.

† Sarah Marie Chapelle
 Thomas Wesley Chenoweth
 Susan Louise Chiang
 † Catherine Christovich
 Themis Chumley
 Ronald William Cicchini
 * Dolores Marie Close
 Stephen Harris Cole
 William Francis Cole
 Vicki Windsor Conner
 Donald Robert Cook
 Christian Briand Cowdrey
 Valerie Ann Crandall
 Patricia Jean Crescenzi
 Bruce Lauren Custis
 Alfred Cook Daiger
 Carol Ann Davis
 George Gaines Davis
 Larissa Maryann Diachok
 Dario Steven Dibattista
 † Honorine Donnelly
 Margaret Jeanne Donovan
 Adele Miriam Draiman
 James Hugh Easter
 Barbara R. Eckman
 David Philip Eisele
 Kipp Leslie Eisenberg
 Sheila Kay Eisenstadt
 Jill Louise Elkins
 † Carol Lowry Elks
 Jean Martha Engel
 Jeanine Engelen
 David Clyde Estes
 John Harvey Estes
 Peter Dennis Evanosky
 George Michael Evans
 Stephen Andrew Fairbairn
 * Patricia Rose Farrow
 * John Dickinson Ferry, Jr.
 * Carol Elaine Filman
 Patricia Therese Fitzgerald
 Franklin Eric Florin
 Michael Barry Flynn
 Julie Ann Fortin
 Deborah Joy Foster
 Gary Neil Frager
 Donald L. Frost
 † Robert Leonard Furst
 Sharon Elizabeth Gaffney
 Gary Lee Galemore
 † Sandra Cay Gevantman
 Linda S. Gilday
 * Dianne Marie Goad
 * Debra Lee Goldfarb
 Carla Beth Goldman
 Anne Doreen Goldstein
 Cathy Lynn Goldstein
 William Barnett Goodwin
 † Jacqueline L. Grant
 Larry Fred Graubard
 Judith M. Gray
 Judith Kay Grodowitz
 David Warner Guth
 Don Clay Hall, II
 Dorothy Kay Hall

† Andrew Jeffrey Hallen
 Kathrine Lea Hammersley
 † Jeanne Sullivan Hammond
 Judith Ann Harrell
 Nancy Lee Heintz
 Steven E. Hercenberg
 Jeffrey Isaac Hershey
 Robert Burns Hess
 Robert Stephen Hickman
 Robert Merlin Hinz, Jr.
 Frances Eugenia Holland
 Steven James Houghton
 Douglas Robert Housel
 * Sharyn Huriaux
 Eliana Patricia Ibanez
 Leo Charles Inglesby, Jr.
 Dale M. Iseron
 Sharon Eta Isralow
 William Lennard Jacocks
 Richard A. Jenkins
 Bart Douglas Johnson
 Thomas H. Johnson
 George Douglas Jones
 William Matthew Katcef
 Louis Michael Katz
 * Edith Willis Kauffmann
 Frank Martin Kaufman
 Virginia Ann Keany
 Kevin P. Keenan
 Curtis J. Kelly, Jr.
 Robert Stephen Kelly
 Rodhan Clay Kenner
 Padma Chhaganlal Khatri
 * Norman F. Kiger
 Thomas Charles Kimmell, Jr.
 Margo King
 Albert C. Kitlas, Jr.
 Gary Hamilton Kitzmiller
 * Robert Marc Klein
 John James Komar
 Janis Ann Kopit
 Christy Dale Kramer
 George John Kressley, Jr.
 Edwin Moore Krintz, Jr.
 Lynn Carol Kristianson
 B. H. Kroll
 Daniel Francis Kuhn, Jr.
 Keren Kuo
 Lionel Dana Kupersmith
 Charles Gregory Lampe
 Robert George Landolt
 Paul Arthur Leddy
 Ronald Eduard Leeftland
 Sherry Myra Levine
 † Christopher James Linstrom
 Christine Louise Litwak
 * Constance A. Locraft
 Lawrence Michael Lomax
 Anne Marie Lucian
 James E. Luensman
 Mary Lou Luttrell
 † George William Lytle
 Sean Patrice MacDonald
 Susan Ann MacMillan
 Christine Lee Mahoney

Saundra Rose Maley
 Santa Lee Manfre
 Marcy Ann Masters
 †Donald Lee Mathis
 †Katherine Paradowski Matthews
 Lucia Claire Maxwell
 Raymond Francis Maxwell, Jr.
 John Anthony Mayer
 Dennis Michael McAlinden
 James Edward McFadden
 Dennis C. McGrath
 Nancy Deloris McKean
 Patricia Anne McKinlay
 Mary Elizabeth Meehan
 Alan David Meiselman
 Kathleen Anne Miller
 Christopher James Minovich
 Harry Martin Modance
 Michael Eldridge Mohler
 Thomas Joseph Mongello
 Charles Raymond Monroe
 †Sarah Alison Moseley
 Jacqueline Bonita Moulton
 †Jan Marie Brodmall Mulligan
 †Valerie Mullin
 †Glenn Alan Nadell
 Neil Joseph Napora
 *Marilyn Rae Neal
 Delia Marie Newlin
 David James Newson
 Marlene Nochumowitz
 Russell Caius Norris
 *Ivana Oblonsky
 Bruce William Orenstein
 Laura Christine Osing
 David Vincent Pabst
 Kathleen Ann Pacotti
 †Rita Pando
 Sabatino Vincent Panetta
 Charles Ross Patterson
 Susan Therese Pellant
 *Robert Paul Petitclerc
 Cynthia Louise Petrick
 *Madeleine Elaine Petrillo
 Carol Jean Phelps
 Pamela Joan Phillips
 Joseph Clare Pica
 Lola Joy Pinczuk
 Howard George Politzer
 Sheryl Lynn Potter
 Janice Kathleen Powell
 Craig S. Price
 *Frank Robert Principato
 Robin Toni Pustilnik
 Victoria Shirle Quinan
 Ronald Kevin Quinn
 Janice B. Radeloff
 Dan Radovsky
 James Polk Randle
 Charles Garrett Godfrey Ratcliff
 Sharon Ann McCarthy Reinkens
 Philip Janney Richmond
 John MacDonald Robb, Jr.
 Russell Paul Roeth
 †David Charles Romm

Michael Allen Rosenberg
 Elaine Marytheresa Rosetti
 Becky Ann Ross
 Fernando Javier Rossel
 Philip Mark Rothman
 Richard Erle Rudisill, III
 Jonathan Mills Ruhe
 Carol Susan Ruskin
 Patrick Edward Ryan
 John James Sadler
 Carol Barnes Sands
 Katherine Odonoghue Satinover
 Anthony Joseph Scalzone
 Robert William Schaffner
 Marilyn Harriet Schnider
 *Christina A. Schoenberger
 *Cynthia Anne Schraf
 Stephen Randall Seaquist
 John Michael Sery
 Basil Gerrald Sevast
 Susan Helen Shank
 †Leonard Eugene Shanks
 Thomas John Shaughnessy
 Kathleen Anne Sheehan
 Judy Rebecca Sheintal
 Deborah Macleod Shepard
 Susan Marlene Sherr
 Harry Edwards Simmons
 Joseph David Simpson
 Brian Thomas Sixt
 Gerald Joseph Slagle
 Patricia Rae Smiley
 Deborah Anne Smith
 *Kathleen Teresa Soden
 John Edwin Solloway, III
 Barbara H. Solomon
 Anne Lindsey Spangler
 David Lyons Sparkman
 Gregory Bryan Stanley
 Fanny B. Steel
 *Leslie Anne Stewart
 Steve John Stoll
 Joseph Paul Sturiale
 Nancy J. Sushinsky
 Robert Alan Sykes
 Patricia Diana Talley
 Margaret Louise Tevis
 V. Joan Thomas
 *Cornelia Thayer Thompson
 William Duane Thompson, Jr.
 Virginia Sue Tibbs
 Donald R. Tiedemann
 Marilyn Ruth Torchinsky
 Mariadel Carmen Torres
 *Jean Elizabeth Travers
 Mell Randolph Traylor
 Joanne Marie Trostle
 Diana A. Urbanas
 Mary Lou Ursic
 James Roland Usher
 Charles Nelson Vance
 James Harry Vause
 Manuel Alfonso Vera
 Donald Allen Wallace
 George W. Wanner, III

John Robert Ward, Jr.
 Pamela Ann Ward
 †Debra Joy Wexler
 Michael Joseph White
 Slaton Longhurst White
 *Gail Marie Whitt
 Jim W. Whittemore
 Paul G. Wiegmann
 Robert Fletcher Willey
 Cheryl Faye Williams
 Jennifer Leigh Williams
 James Louis Wurth
 Maureen Patricia Yannuzzi
 Hannah Virginia Yost
 Clifford Eugene Young
 †Elyse June Zaharia
 Barbara Lynn Zucker

Bachelor of Music

*Steven R. Conrad
 Donna Sue Gleason
 †Margaret M. Lacey

Bachelor of Science

Robert Lochridge Anderson, III
 Mark Wayne Andrews
 Alan Frank Astalos
 Alexandra Backus
 Valerie Susan Bain
 Charles Edward Bennett, Jr.
 James Ellsworth Bliffen
 *Raymond Anthony Blocknia
 †Robby Steven Bloom
 Bruce Matthew Bort
 Vincent Joseph Branson
 †Timothy John Brennan
 *Bonnie Jean Brinkman
 Patricia Ann Brocato
 Stephen Craig Brooks
 Judith Louise Brown
 Margaret E. Brown
 David Carl Brownlee
 Barbara Ann Buckingham
 Daniel Patrick Byrd
 Judith Cannava
 John Gregory Carroll
 James A. Chwirut
 James B. Clarke
 Martha Ann Conger
 Deidre H. Cosgrove
 William Allen Crompton
 Thomas Wayne Curtis
 Kenneth Jerome Deacon, Jr.
 Myra Ann Diamond
 Shinichi Doi
 *Kathleen Joanne Donegan
 †Mary Susan Dugger
 †David Michael Dyer
 Sandra Edelman
 *Joseph Paul Eder, Jr.
 Boladale Qudus Erogbogbo
 Roger John Flaherty
 Robert Lowry Foor
 *Paul Henry Franz

*Andrew Paul Fridberg
 *Melodye A. Garner
 *Mark Eric Goddard
 †Robert Louis Gold
 †Edward Jay Goldman
 Nancy Lee Goodman
 Laura Louise Grady
 Erick Alan Gray
 Barbara Susan Greenspan
 Amos Andrew Ham
 Hope Coppage Hendrickson
 Wency Joy Hill
 Kent Richard Hirsch
 Larry G. Hoffman
 Patricia Ann Huhn
 Eugene David Jackson, Jr.
 †Stuart Leslie Jacobs
 Charles Alan Jeffrey
 Alan Robert Jenkins
 Linda E. Karner
 Wava D. Kearns
 Joseph Henry Frederick Kelly
 Francis Xavier Kemp
 Dale Matthew Knain
 Jeanne Louise Kofroth
 Harold Samuel Koplewicz
 *Dizza Joy Korat
 †Howard Evan Kweller
 Glenn Joe Lieu
 *Barry Randall Marts
 Robert Livingston McKeever, III
 Joseph Lawrence McMichael
 Robert Earl Means, Jr.
 Mark William Melchi
 Richard Miller
 Marc Steven Nasoff
 Paul Victor Nowacek
 Cheryl Darlene Patterson
 Michael Craig Peterson
 William David Plies
 Andrew MacPherson Pope
 William J. B. Pringle
 Amanda Susan Ralph
 Alvin Mark Rehert
 Larry Charles Reynolds
 John George Robinson
 Christopher Scott Roman
 †Ronald Joseph Ross, Jr.
 Gary Alan Roy
 Gary Sajko
 Richard Stephen Schechter
 †Denise Gayle Simons Schiff
 *Simon V. Sclia
 *Charles David Seidman
 D. Winn Sherwood, Jr.
 Patrick Arthur Sidwell
 *Stephen Smiley
 †Andrew Donovan Smith
 Jeffrey Coleman Smith
 Don Wayne Stallone
 †Maurice Ira Stein
 William Francis Stein
 *John H. Stull
 Charles D. Sullivan, Jr.
 F. Lynn Tidwell

James W. Tweedy
David Henry Vandaalen
Cathy Sue Wartella
Robert Travis Weston
* Robert Allen Wright
Anthony B. Yazek
Sidney F. Yoho
Robert Wayne Young
Pinchas Zlotnicki

College of Business and Management

Candidates will be presented by
Dr. Rudolph Lamone, Dean of the
College

Bachelor of Science

Jeffrey John Alexopoulos
Alan Edward Aronoff
Tarik N. Ayasun
Eric Leonard Bach
David Allen Beckner
Joseph Thomas Biancaniello
Steven Mark Binder
Jay R. Boyd
Dana Lynn Brewington
Kurt Hall Brient
John Edward Buckler
John Edward Burdett
William Merrick Calandra
Steven Ellis Calvery
James Robert Carlin, Jr.
† Paul E. Chistolini
Jack Charles Chomko
David Thai-Wei Chow
Irene Paula Yang Chu
George Riess Clark, Jr.
Edmund Starr Coale, III
David A. Covington
Steven Michael Denenberg
Charles F. Dennison
Leonard William Derrow, Jr.
Charles B. Digby
Eugene James Diou
Jerry Deane Dube
James Joseph Duffy, Jr.
† Corin Lois Eisenstein
Stephen Rance Emme
Daniel Ercolani
Lyndon M. Eveland
Robert Burce Ferguson
John Karl Fisher
Richard Arnold Fox, Jr.
Thomas Dominick Genovese, Jr.
Elizabeth Wihelmenia Gholston
David Edward Gill
Frank Robert Gittleson
William Zevi Goldstein
Douglas Lynn Gordon

* James Neal Haddow
Steven Raymond Halt
Alexander P. Hamilton
John Mullen Hannan, Jr.
Robert Roland Harris
Dana Lee Hartle
Thomas James Hennigan, Jr.
Kenneth Lee Honeycutt
James Brent Hooper
James Edward Hopkins
Thomas Edward Hughes
† Raymond A. Imp
Joseph William Jackson
Craig Howard Johnson
Richard Spalding Johnstone
Stephen A. Jones
Manuel Kajanghi, Jr.
Robert Alan Katzen
Robert Gerard Keefe
Nelson Warner Kimmey, Jr.
Bucky Abe Koo
† Grace E. Krumrine
Thomas Steven Lamone
Patrick A. Larson
Howard Burton Laskau
Anita Marie Lembo
Charles Joseph Levin
Joel Samuel Levitt
† James Edwin Lewin, Jr.
* Thomas R. Link
Thomas Crawford Locke
Walter Edwin Lorcheim
Spyros Anastasios Loukas
Chris Hugh Lowery
Roland Paul Lucian
Leslie Joseph Mandel
Randy Ferdinand Martin
David Ramsey Mathes
† Walter Whitman Mathieson, III
Richard Prosser Maynard
James Fulton McCullough
Eugene Raymond McGill, II
Lawrence William Melocik
Gregory Laird Mercer
Howard William Mierau
Michael Chuck Moy
† Alois Bernard Muench, Jr.
Joseph Normand Mullan
† Cynthia Debra Nachamkin
Joseph Dennis Niemann
Charles H. Nobs
Kenneth MacGray Norton, Jr.
Joseph T. Novalis
Charles Marshall Oates
† Arthur E. O'Brien
Ian Marc Ories
* Elchanan Peres
William John Perrick
† Thomas A. Phelps
Steven Eugene Plyler
Thomas Leard Pugh
Larry Allen Ratliff
Richard Barr Reed
Charles Howard Rice
Keith Edward Riley

Edward Mahlon Rowland, Jr.
Gary Ronald Ruddell
* James D. Russo
Donald Wayne Schaeffer
David Millett Schelle
Patricia Lacey Sedicum
Robert Edwin Shreeve, Jr.
Philip Steven Sindler
Craig Leroy Smith, Jr.
Patricia Ann Smith
* Holly Jeannette Stagmer
Deborah Lynn Steele
† Michael R. Sullivan
Ronald Charles Summerville
Rory Mower Sweeney
Nancy Ann Taylor
Gregory John Tebeau
Dennis Randolph Thomas
Marcello A. Vache
Joseph Peter Wagner
David H. Walter
Byron Carl Walters
Kevin Arthur Ward
† Allen R. Webber
Stephen David Weiss
† Laura Lynn Whitworth
Donald Charles Wickham
George C. Woodall
Michael Joseph Wynn

College of Business and Public Administration

Bachelor of Science

Charles Anthony Aiken
David Allen Alvarez
Steven Reede Ames
David Lee Auguste
† David Mark Baker
Richard Louis Balaban
Joseph T. Bell, Jr.
Marion Walter Bellamy
Clifford Eugene Bennett
Rudolph E. Bohmann
Thomas Allen Bonorden
Sharon Lee Booye
Ward Coleman Brincefield
Robert Francis Burns
Michelee Camer
Benjamin Kyle Cason
David Lee Chambers
† Reginald Andrew Cohen
Laurence Alan Cole
Connie Lee Cooper
Jacob David Cranor
Robert Alan Curtis
Richard S. Dalgewicz
John Joseph Dawson
William Nelson Devins
Steven Griffith Dick
John Stephen Dorazio
George M. Earnshaw
Arthur R. Eberhart
Bruce Vern Ensor
William Bruce Fettweis
Paul David Fitzgerald
Martin Patrick Fletcher
Thomas Michael Formhals
Robert Thayer Futrell
Arthur Joseph Gallow
Milan Ganik
Roger Allen Gardner
Chad Michie Gillewater
Richard Vaughn Goines
Goldenzweig
John Stilson Goodwin
James Joseph Gray
Charles Raymond Green
Monte David Greenbaum
Thomas Richard Hager
James Edward Hardy
† Michael Richard Harrison
Warren William Hausman
Raymond T. Hawkins
Stephen Paul Haynes
Alan Scott Jacobs
Wayne Janczewski
† Kenneth Edward Janney
John William Johnston
Robert Elliot Kaplan
Thomas Ashby Kelley
Caroline Jane Headland Ketler
Charles William Kirsch
† Charlotte Louise Kohler
James Grant Kohler
Christopher James Kolb
John Alfred Kozarski, Jr.
Michael Vance Leake
Walter Lee Lecompte
Bruce Lawrence Levin
Amos Enlee Liao
Stewart Wesley Lloyd
Mark Stephen Lobel
Dirk K. Lust
Clark Coleman Martin
William Paul Martin
John Martin Mathieson, Jr.
† Robert Alan Mazer
Thomas Matthew McCann
Salley Ann McDaniel
Stanton Presley McHenry
Ruby Laverne McLaughlin
Russell D. McNish
† Gary Neal Michelson
James Frederick Miller
Gary Philip Moeller
Paul Wesley Moores, Jr.
Denise Marie Mosimann
Jerry Neumaier
Frederick Charles Nordhoff, Jr.
Frank Clift Oday, Jr.
Meltem F. Orer

Anthony Michael Pappano
 Michael Jay Pearlstein
 James Dale Pennington
 James Russell Peterson
 William A. Placek
 †Stephen Barry Plitman
 Jack McKee Queen
 Michael Wayne Quillen
 †Robert Dale Rakes
 Everett Eugene Rinker
 Gwendolyn Risinger
 Juan Manuel Rivera
 Steven Edward Rock
 †William Ambrose Roeder
 Charles Marcus Rosenblatt
 Donald Lee Rothschild
 William Kirk Russ
 John William Samuels
 †Brenda Harvey Sanderson
 James Joseph Sarnowski
 James Joseph Scully
 Arthur Lawrence Seymore
 Joong Ho Shin
 Ronald Dennis Shorts
 Dennis L. Smith
 †Don Kenneth Sowers
 John Ashton Stokes, III
 Gregory Scot Stuart
 †Charles Arthur Taylor
 Charles L. Thompson, III
 Dana Andrew Thompson
 †Patricia Helen Tokar
 Daniel Richard Unger
 Dennis P. Vermillion
 Gerald Lewis Wacks
 Karen Florence Wantuch
 Frank P. Ward
 Michael Robert Warner
 Richard Blaine Webster
 Nathaniel Wells
 Richard L. Wells
 Meredith Jerome Wiles
 George Daniel Williams, Jr.
 Claudia Jean Winkelman
 Allen L. Yurek
 Robert Eugene Zweig

Christine Joy Chickillo
 Kaye Beth Ogan Coffman
 Susan Elizabeth Cornwall
 †Gloria M. Dillon
 Stephen Allan Duley
 Melanie Dail Gerber
 Marietta Glazer
 Diane Linda Gottschalk
 †Mary Catherine Graeff
 *Carole Ann Young Hankey
 Michael James Hawkins
 Carol Ann Heacock
 Robert Dale Henry, Jr.
 Mary Ann Higgins
 Cecelia Kathleen Hughes
 Stephen Lynn Hunt
 Barbara Ann Hyman
 Katherine Anne Hyman
 Kathleen Ann Kane
 *Brenda Carroll Karnes
 Barbara Miriam Katz
 Paula Carol Kessler
 Rochelle Helene Lahn
 Patricia Ann Lanen
 Phyllis Ann Levy
 †Janet Logan
 Helen St. John Magin
 Grace Loving Mahanes
 *Stephanie Lynn Malove
 Dominique March
 Maureen McKay
 †Catherine Dabney Munster
 Mary Anne Nelson
 Teresa Ann Parker
 Craig Albert Reynolds
 Delria Richardson
 Michael Leopold Ross
 Randie Sue Rudowitz
 Karen Elaine Shaw
 *Judith Ann Shoemaker
 Mark Alan Shulman
 L. Terri Singer
 Linda Mae Smith
 Arlene Yehudas Snyder
 †Arlene Karen Suchman
 Johanna Marie Tai
 Maria Magdalena Todd
 Russell Dean Torwelle
 Jane Dorothea Vansant
 Rosemary Howlett Venable
 Ilene Weissman
 Mark Douglas Wiesner
 David Shailer Woodward
 Philip Townsend Ziegler

Bachelor of Science

Patrick Henry Aaron
 Nancy Theresa Abramowicz
 Teresa A. Ahern
 Elena Maria Albacete
 Stephan David Alterman
 *Mary Jane Ankner
 †Linda Sue Anthony
 Carmen C. Aragon

Maryterese Lucille Arnett
 Richard Barton Ashmen
 Alison Virginia Bailey
 Linda-Marie Bara
 Celestine Barner
 Denise Anne Bartholomy
 Jane Ann Beard
 Janet Lynn Beetham
 Linda Carol Benedict
 Irene Ruth Benner
 Milton Carl Berger
 Carla Ann Bergwall
 Susan Mara Berlin
 †Rosalie D'Agostino Bertoni
 Deanna Marie Beuchert
 *Bonnie H. Blum
 †Elviann Boothman
 Sarah Elizabeth Borsch
 Audrey Lee Brammer
 Matthew Thomas Branock
 Linda Kaiser Brant
 Brian Lee Brooks
 *Martha Virginia Brown
 Paul Bucca
 Steven Bucca
 *Josephine Dellinger Buck
 Julia M. Burger
 Mary Ann Burke
 †Deborah Jane Burns
 Edward George Burroughs
 Deborah Lee Carriere
 Roger Markham H. Chan
 Marleen B. Clar
 *Nancy Ellis Clark
 Jane Ellen Cleveland
 Barbara Ellen Clowser
 Arlene Cohen
 Patricia Irene Coleman
 Thomas Mitchell Conlon
 Andrea Nanci Conway
 Kathleen Anne Costello
 Abigail B. Coulter
 Janet Eileen Covell
 Dolores C. Cowherd
 Sarah Cruikshank Cox
 *Linda C. Creighton
 Judith Ellen Culp
 *Ilene J. Danziger
 Nancy Ellen Daughton
 *Dennis Waite Davidson
 Mary Lou Davis
 Helaine Susan Deffin
 Sandra S. Doane
 Vincent Everett Dobson
 Sybil Faye Donald
 Judith Ann Dudley
 Charles James Eugene Dusek
 †Jane Mary Egan
 †Sara G. Egorin
 Karen H. Ehlerman
 Roslyn Wolman Eisner
 Christine Elliott
 Thomas H. Evans, Jr.
 Jerome David Evrard
 Diane Susan Fec

Barbara C. Ferguson
 †Ellen M. Fischler
 †Linda Elise Fletcher
 †Lois Fox
 Kathleen Ann Fullem
 Mary Lynne Fulton
 Stephen Gregory Galvan
 Janet Ann Garber
 Barbara Suzanne Garrett
 Joseph Edward Geatz, Jr.
 Mariellen Paula Gerrity
 Christine Dolores Getek
 †June Marie Gladney
 †Marilyn Jane Glass
 Zelda Sarah Gold
 David M. Gran
 James Michael Greco
 †Katherine Esher Greene
 John Carroll Grimes
 Judith Virginia Grogg
 Frances Arlene Grosskurth
 *Mary Agnes Hagan
 Gary DeSha Hale
 Frances Catherine Hayward
 Linwood Joseph Heath, Jr.
 Neila Hecht
 Ethel Joyce Hecker
 *Dorothy Lilian Henry
 JoAnn Patricia Henry
 Frances Napoli Herrell
 Patrick James Higgins
 Cheryl Lynne Hirschhorn
 Marilyn Hoexter
 Vivienne Hoffman
 Stephan Everett Hollens
 Deborah Elizabeth Holley
 Susan Carol Hosterman
 Jackie Maie Howard
 Ingrid Mary Insani
 Philip Francis Jehle, Jr.
 *William Elliott Jewell
 Jacquelyn Jones
 Kathleen Anne Jones
 Karl H. Kalb
 Robert K. Kammann
 Rita Kaplan
 Sharon Ida Kaye
 †Karen G. Kaylor
 Kathleen Susan Keith
 *Mark Jonathan Keller
 Deborah Victoria Kenney
 Pamela Patricia Kernisky
 Paul Christopher King
 *Suzanne Klein
 Ronald Walter Klingner
 †Susan Rae Kolste
 Kristin Chandler Koolage
 Chester Francis Kopicki, Jr.
 Antonette Kruzic
 Pamela Elaine Kunkleman
 Carol Lee Langford
 *Richard Wayne Lantz
 James G. LaRock
 Ruth E. Lauer
 Nancy Harville Lazarus

College of Education

Candidates will be presented by
 Dr. Donald Maley, Acting Dean of
 the College

Bachelor of Arts

†Debra K. Artino
 Jo Ann Baumgardner
 Mary Ann Bittner
 *Ann Catherine Briddell
 Francis Lorin Brown, Jr.
 Mary Kathleen Cassidy
 Kimberly Ann Cavender

Jerry C. Lefever
 Judith A. Leibowitz
 Linda Sue Levy
 Barbara Leslie Light
 Enid Linda Linden
 Susanne Lodge
 Janis London
 Diane Joy Long
 Joy A. Love
 Janice Lupu
 Ronald Peter Mack
 Nancy Magruder
 Carla Majora Mahan
 Roseanne M. Martin
 Dagmar Maria Maszun
 Karen Louise May
 † Elaine Halesky McArdle
 Anita Lynn McQuown
 * Kimberli Melvin
 Golda Jane Mendelson
 Marilyn Marguerite Mertz
 Karen Annette Meyers
 Glenn L. Miller
 † Linda Fay Miller
 Karen Beth Millman
 Allison L. Misdorn
 † Mitsn Bartlett Mitchell
 Christian Leroy Mogensen
 Patricia Diane Monaghan
 Patricia Ann Montanye
 Mary Margaret Mulhern
 Karen Anne Murphy
 † Cynthia Shireman Nutry
 Suzanne Natalie Neubert
 Nickie Angelyn Noble
 Merle Anne Obrecht
 Kathleen Marie Obrien
 Patrick Joseph O'Neill
 Harriet Dale Orlove
 Deena Ortman
 Mercedes M. Pascual
 Craig Alan Patterson
 Karen Ann Pergal
 Rosaria M. Piazza
 Gilda Maresca Pinkerton
 Norma H. Pottash
 David John Price
 Mary Ellen Purdy
 Peter Clarke Rasmussen
 Candice Carleen Ratliff
 Donald Eugene Ratliff
 * Walter Andrew Rau
 Dianne L. Rhoten
 † Dorothy Carolyn Rich
 James Ronald Richter
 Deborah J. Rightley
 Dale Elaine Rill
 Donald Joseph Robinson, Jr.
 Suzanne Marie Roland
 Elaine Helen Rosen
 † Sharon Palder Rosenblatt
 Nancy Marcia Rosofsky
 Joanne Royer
 Ann Christine Sacclaris
 † Helen Marian Sakosky

* Virginia Elaine Scarano
 Robin Carole Schatz
 * Robin Ellen Schiff
 † Barbara Ann Schoenfeld
 Ellen Ann Schoengold
 Sally Beth Schultz
 * Jean Baynard Scott
 Rebecca Sara Segal
 Marcia Jane Seigel
 * Robert VanLear Sharp
 Kathryn Futrelle Shaver
 Richard Clayton Shaver
 Donna Louise Shields
 Terry Lynne Shriver
 * Toni Karen Singer
 * Lee Terry Sirkis
 Roberta Beth Slater
 Sally Evans Smead
 Warren Edward Smith
 Maxine Snyder
 Lynn Soroka
 Arthur E. Speiser
 Hanna Spencer
 Linda Rae Spicer
 Lois Ruth Spotila
 Marilyn Anne Stack
 Janice Leigh Stalfort
 Lee Kitchener Stamford
 Phyllis Ann Stathopoulos
 Deloris Marie Sterling
 Judith Sharon Stern
 Gerald Edgar Stone
 * Jill Ann Stone
 Laura Lee Stransky
 Alice Ward Sullivan
 Judy Jonucz Sutton
 Mary Sharon Sweeney
 Cecilia Elizabeth Sydoroko
 Michael Clark Taliaferro
 Deborah Mallory Tarbutton
 Michael R. Taylor
 * Dorothy Helen Tepper
 † Mary Inez Thomas
 Veeda Diane Thomas
 William Franklin Thomas
 Julia Anne Thompson
 Martin William Thompson
 Theodore Edward Thormann, Jr.
 † Joseph Paul Tillman
 Eugene Tom
 Thomas Joseph Tucker
 Alyce G. Turner
 Michael Richard Twomey
 * Carol Lenore VanWinkle
 Susan Roberta Wainer
 Barbara Ann Walker
 Joan T. Walsh
 Richard D. Weir
 † Michael Ann Wells
 Janice Clare Wenzler
 David Keith West
 Ray William Wethington
 Peggy Lee White
 John Wallace Williams, Jr.
 Kendall Wilson

Howard Gary Wohl
 Marian Annette Woodfark
 Kathryn Anne Zeniak
 * Leslie Roberts Zimmerman

College of Engineering

Candidates will be presented by
 Dr. Robert Beckmann, Dean of
 the College

Bachelor of Science

† Michael Ross Adelman
 Frederick Henry Altland
 Yodhin Anavil
 Fred Walter Arbogast
 Thomas Gilbert Barton
 Edward W. Beran
 Douglas John Binks
 Frederick Charles Bradley
 Robert Allen Bryan, Jr.
 John Theodore Budzynski
 John Kenneth Burch, Jr.
 † Donald Wayne Caldwell
 Timothy Callahan
 Larry Michael Chaney
 † Robert Steven Chelemer
 Thomas Michael Chicca
 Allen Henry Cohey, Jr.
 Michael Lee Cooper
 Robert W. Cotton, Jr.
 Edward Gregory Cox, Jr.
 John Harry Cramer
 * Scott Stuart Cunningham
 Edward Harvey Dalton
 Daniel Wesley Dawson
 Robert Diangelo
 Henry Newton Doyle, Jr.
 Lanier P. Drake
 Katsumasa Egawa
 Robert Adams Eilbert
 * Frank Thomas Fawcett
 Francis Michael Feustle
 * William Joseph Friedrich, Jr.
 Michael Neil Fritz
 Timothy B. Fritz
 Christopher John Garner
 Arthur Philip Gile
 John Arthur Glaab
 Paul Stephen Grasso
 † William John Guit
 John Royston Hanna
 Steven Wayne Harmon
 Clarke Bruce Harper
 Philip J. Hebrank, Jr.
 James Peter Hersey
 Robert Edward Honeycutt
 * Joseph Arlie Hopkins, Jr.
 Thomas James Horsey
 Richard Dana Huriaux
 Edward Philip Hurley

James Cleveland Hyatt
 Jose J. Illan
 Bradley Martin James
 William Daiser Jawish, III
 Ralph Glenton Jenkins, Jr.
 Ronald Wayne Kaese
 Joseph Paul Kalivoda
 David Gerald Katz
 Kenneth Thomas Kelley
 John Kevin Kesler
 James Leslie Kistle
 Barry Edward Kleiman
 Geoffrey Vernon Kolberg
 R. Dodd Lawton
 David Wing Jung Lee
 Richard Lee Lockhart
 * David Alan Lowry
 Bob Yun-Min Lu
 Ronald Michael Marth
 Edward James McEvoy
 Bart Lowell McGonnigal
 Thomas Norton McKnight, Jr.
 Marc Carl Menzie
 William Daniel Morice
 Howard Sun Moy
 Ollie Keller Mumpower, Jr.
 Donald Lovine Muschlitz
 † Charles Frederick Myers
 Henry Hudson Myers, III
 Hugh B. O'Donnell
 Patrick Joseph O'Neill
 Robert Conrad Otte
 Allie Curtis Peek
 Thomas A. Phillips
 † Robert Leslie Powell
 Albert William Price, Jr.
 Kenneth Joseph Prosen
 Stanley C. Prout
 † Daniel Owen Puryear
 † Rassa Rassai
 Robert David Rauch
 Chris William Rhyne
 Gary Thomas Rich
 Harold Henry Richards
 Robert Lee Richmond
 † Thomas Edward Richtmyer
 William C. Ritzel
 Steven Jeffrey Rome
 Paul Edward Rudell
 Donald S. Ruhl
 John G. Ruppert
 James Alan Ryan
 Albert August Scheller, Jr.
 Paul Melvyn Schweidel
 Ralph Alan Secoura
 Georg Andreas Shultz
 William Byron Sigafosse
 Howard Nelson Simon
 † Frederick Michael Slay
 Brandon Raymond Smith
 * Thomas William Smith
 Wayne Ashton Smith
 Douglas Raymond Spalt
 John F. Stasik
 John Ambrose Stein

* John Emory Sturtevant
Douglas F. Suess
John Michael Talbott
Alexander Stuart Thomas
† Steven Bennett Todd
William Michael Troskoski
Jaime Alfonso Valencia
James Edward Viney
Daniel Louis Walsh
* Maurice Edwin White
Ronald Arthur Drake Williams
* Howard Oliver Wilson
Richard Wayne Yaste
John Charles Yates
† Ronald Joseph Zaczek
Charles H. Zierdt

College of Human Ecology

Candidates will be presented by
Dr. Marjory Brooks, Dean of the
College

Bachelor of Science

† Ellen Lucile Alderson
Charlotte Ann Altman
* Linda Elaine Anderson
† Norma Lee Arciles
Mitchell Dennis Baker
Charles W. Becker, Jr.
Sherry Lee Berman
Carol Terri Block
† Christine Elizabeth Seeholzer Bohner
Elizabeth Jean Braithwaite
* Barbara Jeanne Breslin
Marilyn Sherry Britt
Jeanne Worth Clark
Kathleen Marie Cleary
Vonzella Grace Comegys
Lea Ann Cunningham
Mary Denise Dalto
Linda Rose Dean
Mary Katherine Dent
Marlene Derven DiBenedetto
Diane Elaine DiCarlo
Linda Louise Dougherty
John Alfred Downing
† Camille Virginia Eheart
John Vincent Esposito
† Sharon Louise Faulk
Lynn Carol Ferguson
Robin Whitney Francis
Dana Mae Gath
Janice D. Gawelko
Sandra Toby Goldschmidt
Patricia Anne Hackett
Margaret A. Hall
Bonnie Lamb Hancock

Robert Lee Hancock, III
Holly Eve Harmon
Kenneth Clifford Harwood, Jr.
Deborah Lynn Higgs
Susan Porter Hitz
Debra S. Holloway
* Laurie Jean Hundley
April L. Jacobs
D. Maureen Jones
Emma Arlene Kelly
Judith Louise Kirsch
Judith Anne Leaman
Brenda Faye Levin
Patsy Ann Mabe
* Susan Jane Mastellone
Jaclyn Elizabeth Meurer
Lura Lee Myers
Linda Lee Nowell
* Donna Lynn Parsell
Elizabeth Lee Preston
Howard Augustus Pumphrey, Jr.
Beverly Ann Roberts
Michael John Ryan
Karen Nani Sandell
Carolyn R. Satterfield
Mary M. Saylor
† Ida Rose Scherr
* Carol Lee Schulte
Joan Linda Sharpe
Eileen Rae Shaw
Joan E. Snavelly
Jerry Lyle Spitz
Sherri Yvette Stein
* Jennifer Tahtinen
Susan Kathryn Taylor
Robert Allen Todd
† Vivian Moyer Troutman
Jill Anne Valente
Dominic Anthony Venuto
Mary Loretta Wildensteiner
Nancy Diane Wolfe
† Amelia Keith Wood
Joyce Ann Yurek
Shirley F. Zuckerman

College of Journalism

Candidates will be presented by
Dr. Ray E. Hiebert, Dean of the
College

Bachelor of Science

Eileen Anne Alexander
Jeffrey Bernard Christy
Dennis Craig DeShields
Craig P. Edwards
Carl Wayman Fowler, III
Howard Elias Garfinkle
David Edward Garlock
Robert Gilbert
Arlene Yvonne Goldberg

Catherine Anne Hartz
Stephen L. Heard
Phyllis Susan Hecht
Robert E. D. Hobby, Jr.
Hugh Jerry Holloman
Paul Andrew Iaderosa
Stephen Samuel Kremer
Peter Turnbull Monroe
Kenneth Paul Norkin
John Michael O'Connell
† Don Prohaska
† Donald C. Roderick
Owen Mark Schwartz
Judith Blanche Summers
† Lou Gehrig Swerda
Barry Pollard Thompson

College of Physical Education, Recreation and Health

Candidates will be presented by
Dr. Marvin Eyler, Dean of the
College

Bachelor of Science

Daniel Howard Bauman
Robert William Belbot
Linda Marie Benesch
Michael Patrick Boyle
Richard John Braden
Judy R. Brown
† Tina P. Cernugel
† Hugh James Cottingham
Linda Inez Crump
Robin Lee Finch
Jeffrey Louis Finkel
Richard Michael Gialanella
Marian Meldrum Greendale
William Harold Hickey
Sharon Elizabeth Janicki
John P. Johnston
Christopher Robert Klau
Ellen Janis Klein
Daniel William Koczur
Cynthia Susan Law
Kirk Eugene Lee
† Glenn Reiff Leshner
Juanita Gallagher McCaig
Patrick Joseph McCall
Patricia Anne McGuire
Elizabeth Bligh Mead
George Samuel Myers
John D. Neal
Howard David Niad
Joseph John Opalski

James Mark Palese
John Patrick Parker
Sandra Jean Peters
† Ellen France Piner
Josette N. Poole
John Christopher Quail
* Darlene Patricia Richeson
Hilda Christine Ruppert
Barbara Gale Russell
Martin Raymond Secula
* Lorrie Rae Semler
† Patricia Mae Shepard
* Robert Raymond Shourds, Jr.
Nicholas Skirka
Joanne Adlington Smith
James Sinzel Stafford, Jr.
Gary George Thompson
Donna K. Toft
Nicholas Francis Tucci, Jr.
Robert S. Tucker
† Heda Manette Vandeventer
Warren John Vaughan
Steven Gaylord Walton
Lynda Lee Weaver
Gary Thomas Weber
Elizabeth Sears Wolf
Wanda Denise Zaal



Division of Agricultural and Life Sciences

Candidates will be presented by
Dr. Richard F. Davis, Chairman of
the Division

Bachelor of Science

*Steven Billet
John Stanley Bogdon, Jr.
Ernest Leroy Burge, III
Alex Butt
Peter Louis Calomeris
Neville Joseph Chang
David Lawrence Cooper
Gary Patrick Costenbader
Jude Elaine Stoltz Dodge
*Mitchell Finkel
Thomas B. Fioretti
John Lee Folk
*Barry Allan Francis
Katherine Elizabeth Gillen
Daniel Francis Gogolski
James Bennett Kaper
Jo A. Kirst
Richard Paul Koller
†Wanda Elizabeth Kotvan
Barbara Ann Kummel
Eugene Norval Kyle
*Henry You Chee Lee
*Nancy Theresa Lord
Curtis Richard Mann, Jr.
Sharon Gilmore Oberlin
Thomas Joseph O'Mara
Carrie L. Prather
David Coblenz Scher
Benjamin Joseph Selzer
Dennis Ray Smith
George Edward Thomas
†Stephen Anthony Valenti
James Russell Walker
David Evans Walter
Daniel Yeeles, Jr.

Division of Arts and Humanities

Candidates will be presented by
Dr. Thomas J. Aylward, Chairman
of the Division

Bachelor of Arts

Laurence Donald Anderson

Janifer L. Baker
Mary Jane Baniewicz
Catherine Gail Barnes
Stephen William Battin
Marilyn Biery
Stephen Nickolas Boliek
†Eric Luke Bolton
Marjorie Ann Cahn
John E. Cannon
Maureen Anne Carroll
Susan Joan Catchings
Allen Lee Chambers
†Maite Chaves
*Candice Christakos
Joanne Bridgett Ciulla
Ellen Rena Clark
Thomas Joseph Clark, Jr.
Barbara Lewis Clements
Ralph John Colleli, Jr.
†Patricia Reedy Corbett
John George DeMare'
Geraldine Mary DePaoli
Roderick Joseph Desmond
*Bruce Michael Duffy
Malvin Nolen Duncan
Kenneth Alan Fones
Ellen Joyce Gelfeld
Susan Gail Gilbert
Richard James Gilman
J. Peter Glaws, III
*Louis Sheldon Glover, II
Mario Sebastian Gonzalez del Solar
Thomas Patrick Goucher
Merlyn Mays Greenwood
Robert Dale Griffin
Robert Patrick Grote
Carlton Gregory Hamm
Gene Viktor Hartsell
Patricia Marian Hays
Judith E. Herbert
Marlene Karen Horne
*Lisa Margaret Johnson
*Deborah Lucille Jones
Timothy deForest Junkin
*Margo R. Kaestner
†Michael E. Kanter
Kathleen Joan Kelly
Mary Frances Kiley
*Stephen Jay Kleeman
Pamela Ann Kramer
Joseph Lewis Kraut
Christopher Frank Lampton
Marlene Dawn Lesson
Jay Bruce Levine
Barbara Anne MacDonald
Elizabeth Louise Mackie
Nina Lynn Finley March
Debra Faith Markowitz
Dian Noonan Martin
Maurice Edward May
Nwibe Donovan Menakaya
Peggy Ann Mickanis
*Carol Laureen Minor
Thomas Fred Morris
Ernest Lee Moye

Susan Rebecca Pollard Myers
Jean Teresa Nelson
James William Olson
*Karen Patricia O'Mara
James Ashton Packett
Janis Denise Panico
*Patricia Marshall Crow Parks
Michael Dennis Paxson
*Debra Fran Pinto
Deborah Ann Pumphrey
Genevieve Celeste Putnam
Karin Toby Schach
Naomi R. Segal
Debra Robin Selinger
John David Sickles
Estelle R. Sobol
David Robert Solomon
†John Edward Stevens
Leonard Joseph Streckfus, Jr.
John Michael Sweet
Gael Elaine Thompson
*Randi Eileen Thompson
*G. Michael Tuerk
†Donald Joseph Waters
Gracie Lee Webb
†Michael Jeffrey Weiss
Karen Marie Wheatley
Christina Leigh Wilkins
Martha Mary Winter
Sandra Louise Wipf
*Mary Ellen Wolf
*Mathilde Espinoza Zuniga

Bachelor of Music

Keith Allan Fleming

Division of Behavioral and Social Sciences

Candidates will be presented by Dr.
Mary Berry, Chairman of the
Division

Bachelor of Arts

Linda Marie Abell
*Charlotte Marsha Ackerman
†Darby Anne Ames
*Roberta Jean Arkin
Russell Robert Ashburner
Colleen Alice Balge
Judy Kathleen Banvard
*Richard Stephen Basile
Robert Bauer
Richard Edward Beall
Barbara Jean Beard
Walter J. Benavent, Jr.
*Philip Earl Bennett

Barbara Elizabeth Bird
Lisa Anne Blake
Beverly Ann Bopp
Beatrice Ann Brown
*Deborah Marian Brown
Howard Carter Brown, III
Robert Wayne Brown
Darnell W. Burfoot
Elisabeth Anne Busse
Cathy L. Caulfield
John Alan Chinnock
Michael Bruce Clancy
Robert C. Clapp
Lisa Gale Coffman
†James Reno Continetti
Craig Irwin Cronin
Thomas Ramon Daigle
Dianne Marie Dare
Sharon Kay Darnell
*William McDonald Davis
Daniel Ira Dinnin
Derrick Jerome Dudley
Mary Ann Fenton
Michael Joseph Foster
Barbara Susan Frankel
Joseph Larry Frere
Judith Ann Gambill
George M. Gennett
John Marshall Gibson, Jr.
Natalie Jean Gindes
Stanley Daniel Goldberg
Paul Rusk Greenhall
*Margaret Marie Gresock
Charles Marion Guernieri
Michael Gulino
Michael William Hanley
John Joseph Harrington, Jr.
Deborah Elizabeth Harris
David Edwin Hartka
Michael Lewis Heup
Wendy Than Hlaing
Helen Hong-Hen Hsing
†Dianna Burke Johnston
James J. Kaney
Larry Wayne Knox
Marianne Tureki Kowal
Lionel Dana Kupersmith
Ava Sherry Laub
Sally Ann Lemberg
Gerald Maurice Lewis
John Edward McInerney
John Thomson McLaughlin
Andrew Meckler
Raymond Bryon Moorhouse
Mary Moses
*Thomas L. Moskitis
Gloria J. Moyd
John Vincent dePaul Munley, Jr.
Sara Munson
Brian Ronald Needel
Louis John Oertly
Michael Waidner O'Neill
Jesus E. Perez
John Michael Petronaci
Carol Ann Petruccielli

*with honors; †with high honors

*Paul J. Petruccelli
 Dennis Floyd Prather
 Michael R. Pugh
 Robin Toni Pustilnik
 Henry Joseph Raphael
 Richard Andrew Reges
 Ellen Miller Reynolds
 Valerie Ann Riddick
 Nancy Sue Rodman
 Dorothy Ann Rorabaugh
 *Rebecca Karen Rosenbloom
 Steven Michael Roth
 Edward Buxton Ryan
 Myron Richard Schwartz
 Theodor Schwartz
 †Paula Selgrade
 *Richard B. Setton
 Rosemary Tittrington Simonsen
 Sally Bruce Supplee
 Betsy Susan Tidler
 Karen Elizabeth Walsh
 Lorryn Anne Weinman
 Steven Joseph Weinstein
 Michael Kirby Wheeler
 Jeanne Frances White
 Helen Hunt Wilber
 Neil Alistair Winterbottom
 Janette Elizabeth Young
 Leslie B. Zimmer

Bachelor of Science

Allen Kent Anders
 Richard Moreland Baily
 †William Arthur Becraft
 Charles Edward Bennett, Jr.
 †Darrell Anthony Beschen, Jr.
 Mary Jane Burger
 Anthony Joseph Buscemi
 Anthony D. Cina
 Suzanne Durling Cook
 Margaret Anne Covello
 John E. Davis, Jr.
 †Mary Anne Eckert
 Gary Stanley Farr
 Henry P. Fierst, Jr.
 Sandra Lee Fleshman
 †Lynda L. Flynn
 Raymond Werner Gnall
 Arthur Columbus Green, Jr.
 Paul Earliston Greenslade
 Stephen Arthur Hefernan
 Thomas Robert Hewitt, Jr.
 Patricia Higgins
 Argin McKay Hutchins
 Edwin Dodson Kansler, Jr.
 *Jonathan Louis Katz
 Rush West Kester
 Stuart Warren Kushel
 James Chan-Hsin Lee
 Robert James Leffler
 Craig Alan Lickner
 Steven Dane Lopez
 †Karen Bergum Lovern
 Dennis Geoffrey Marquise

Louis Angelo Masciocchi
 John Howard Maslin
 *Kay Iris Mason
 †Bruce Allison McMillan
 Rebecca Jane Michael
 John G. Moody
 Charles Francis Mulrooney
 Nolen Leroy Null
 *Michael P. O'Brien
 Joanne Offenbacher
 James Innes Randolph, III
 Steven Lee Ruiz
 Holly Ilene Schick
 James Ronald Smale
 Carole Collesian Straszheim
 Dawn Darwyn Tucker
 Wilmer Joyce Waller, III
 Charlotte R. Weiner
 John Samuel Weiner
 Ellen Louise Wolff
 Robert Alan Wolin
 William Dale Young, Jr.

Division of Mathematical and Physical Sciences and Engineering

Candidates will be presented by
 Dr. Joseph Marchello, Chairman
 of the Division

Bachelor of Science

Robert Barber
 Richard Lynn Barnes
 David Warren Berning
 Linda Anne Biddison
 Wayne Marc Coppel
 Jeanne Roberta Corrinne
 Steven Curtis Densmore
 Robert Michael Fitzgerald
 John Joseph Fitzpatrick
 Paul Norman Garner, Jr.
 Terry Mitchell Klein
 Andrew Emanuel Krivonak, III
 Stephen D. Lee
 Douglas Glasgow MacKenzie
 †Michael B. Rankin
 William Paul Sawicki, Jr.
 Bruce James Smith

General Studies Program

Candidates will be presented by
 Dr. Robert Shoenberg, Admin-
 istrative Dean, Undergraduate
 Studies

Bachelor of General Studies

†Christine Dorothy Andersen
 Don Ward Badger
 †Holly Beardsley
 Michael Lewis Beatley
 †Edward White Bernton
 George Richard Buzzard
 John William Carney, Jr.
 Howard Terence Carolan, Jr.
 Velma Dolores Davis
 Donald Rich Fox

Judy Lynne Geraci
 Gerald Edward Hayes
 Walter Ernest Hodges
 John Michael Imhoff
 Robert Jackson, Jr.
 Nancy Helen Janios
 Christopher Alexander Kougias
 Barbara MacNemar
 Roger Wesley Martine Malik
 †Bonnie Ruth Martin
 Lynette Elizabeth Martin
 Patricia McCarthy
 Michael Thomas Moore
 Ann Clare Noon
 Nancy Carroll Prescott
 David Musser Rhoads
 Louis Mark Schechter
 Shelley Hope Schnaper
 Roslyn Diane Silver
 Eric Joe Stevenson
 Janet Tuchtan
 Gerald Ungar
 David Miles Wilson
 Elena Rosemarie Yon



Academic Honors

Commissions

Candidates for bachelors’ degree eligible to graduate “With Honors” or “With High Honors” are so indicated in the alphabetical listings by college. These persons are eligible for the appropriate designation if they have completed at least two years of resident work (60 semester hours) at the time of graduation with a scholastic average of B or higher. (Computation does not include grades for courses taken during the last semester of registration before graduation.) The candidates must also rank in the upper fifth of the graduating class in their respective colleges. “With High Honors” is awarded to the upper tenth of those in each college, if they qualify, and “With Honors” is awarded to the second tenth of those in each college, if they qualify.

General Honors Program

Joyanna L. Samson*
Donald Joseph Waters
Michael Jeffrey Weiss

Departmental Honors

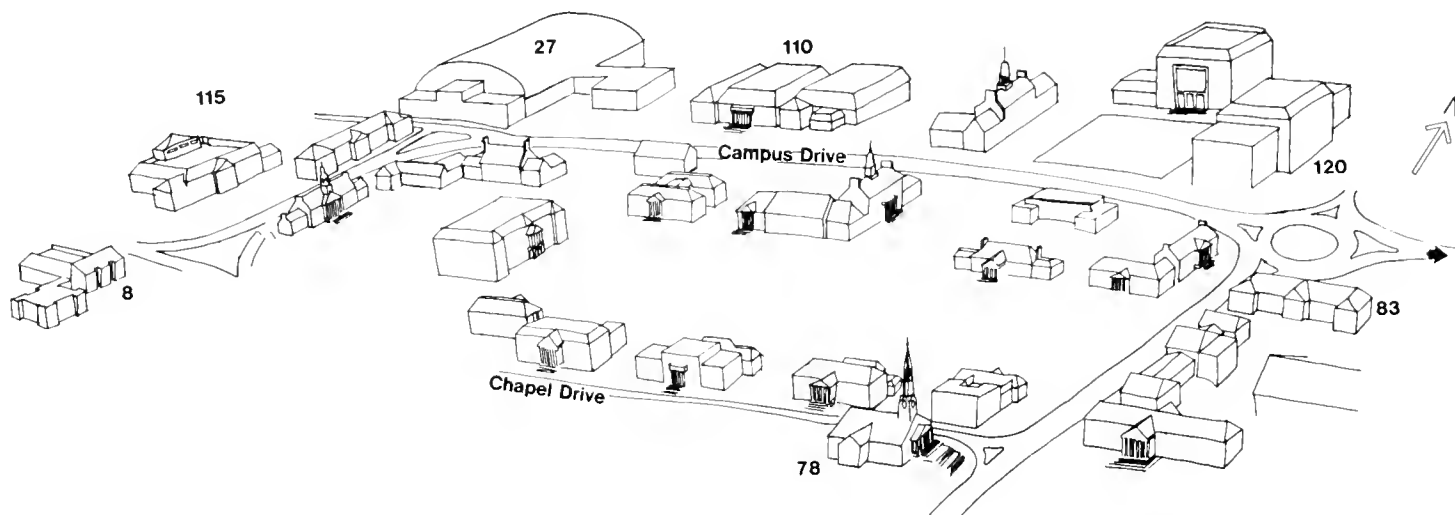
- With High Honors in English
Rita Weitz Pando
- With High Honors in History
G. Michael Tuerk
- With High Honors in Music
Margaret M. Lacey
- With High Honors in Physics
Andrew Donovan Smith
- With Honors in Agricultural and Resource Economics
James E. Kirkley
- With Honors in Economics
Richard Stephen Basile
- With Honors in English
Madeleine Elaine Petrillo, Michael Jeffrey Weiss
- With Honors in Mathematics
Timothy John Brennan
- With Honors in Physics
Michael B. Rankin
- With Honors in Psychology
Stuart Leslie Jacobs, Jonathan Louis Katz
- With Honors in Speech and Dramatic Art
Timothy de Forest Junkin

*Graduated August 24, 1973

Second Lieutenants, U.S. Air Force Reserve

Randolph Alan Albright
Mark Wayne Andrews
Richard Lynn Barnes
David Lawrence Cooper
Andrew Jeffrey Hallen
Thomas Norton McKnight, Jr.
Richard Miller
Maurice Edwin White

A Walking Tour Through the University of Maryland's College Park Campus



There are many interesting educational and research facilities on the College Park Campus. We have selected some of these that you may wish to visit along a walking tour. These facilities are open on weekdays from 8:30 a.m. to 4:30 p.m. You are welcome to tour them at your leisure. Other points of interest on Campus may be toured by appointment through the phone extension listed after each facility. For general information call the Student Union Information Center (454-2801).

Highlights

■ **MEMORIAL CHAPEL**—(BLDG. 78) Regents Drive
Open to visitors weekdays 8:30 a.m. to 4:30 p.m. A schedule of multid denominational services can be obtained in the North Administration Bldg.

■ **NORTH ADMINISTRATION BUILDING**—(BLDG. 83) Regents Drive
This facility houses the Admissions Office of the University; Office of the Registrar for grade transcripts and commencement information; and offices for student financial aid, housing, and campus employment.

■ **UNDERGRADUATE LIBRARY**—(BLDG. 120) Corner of Regents and Campus Drives
Completed in 1972, this library is one of the finest in the nation. In addition to serving undergraduate students, it also houses at the graduate level the College of Library and Information Services. Stop at the information desk if you would like a guide to point out the highlights of the library.

■ **STUDENT UNION**—(BLDG. 110) Campus Drive
A new addition to the Student Union was completed in 1972. You can obtain a building directory and schedules of events and activities at the information desk in the front lobby. Guided tours are available to the bowling alleys, billiard room, ballroom, cafeterias, motion picture theatre, and exhibits.

■ **COLE FIELDHOUSE**—(BLDG. 27) Campus Drive
With a permanent seating capacity of 12,500, the Main Auditorium of Cole Fieldhouse is used for basketball games, classes in physical education, commencements, concerts, academic testing, track, and many other indoor activities. Other areas of the building contain small gymnasiums, a swimming pool, classrooms, faculty offices, a ticket booth for athletic events, and the Department of Intercollegiate Athletics.

■ **TAWES FINE ARTS CENTER**—(BLDG. 115) Campus Drive
You are welcome to visit the Art Gallery on the first floor. Offices of the departments of art, music, speech and dramatic art, and hearing and speech sciences are housed in this building. University Theatre is also located here, adjacent to Parking Lot #1.

■ **SCHOOL OF ARCHITECTURE BUILDING**—(BLDG. 8) Campus Drive
You are invited to walk through this facility and view displays of student architectural designs and the faculty-designed sculpture pyramid in the West Court.

Tours by Appointment

CYCLOTRON, Department of Physics and Astronomy. The Cyclotron is available for touring on Mondays from 10-4 p.m. by prior arrangement. (Ext. 3521)

CENTER OF ADULT EDUCATION. The Center of Adult Education is a residential conference facility for continuing education for adults. Tours can be arranged by appointment.

LEONARDTOWN RESIDENCE COMPLEX. These new modular housing units are a unique innovation in student housing. (Ext. 4148)

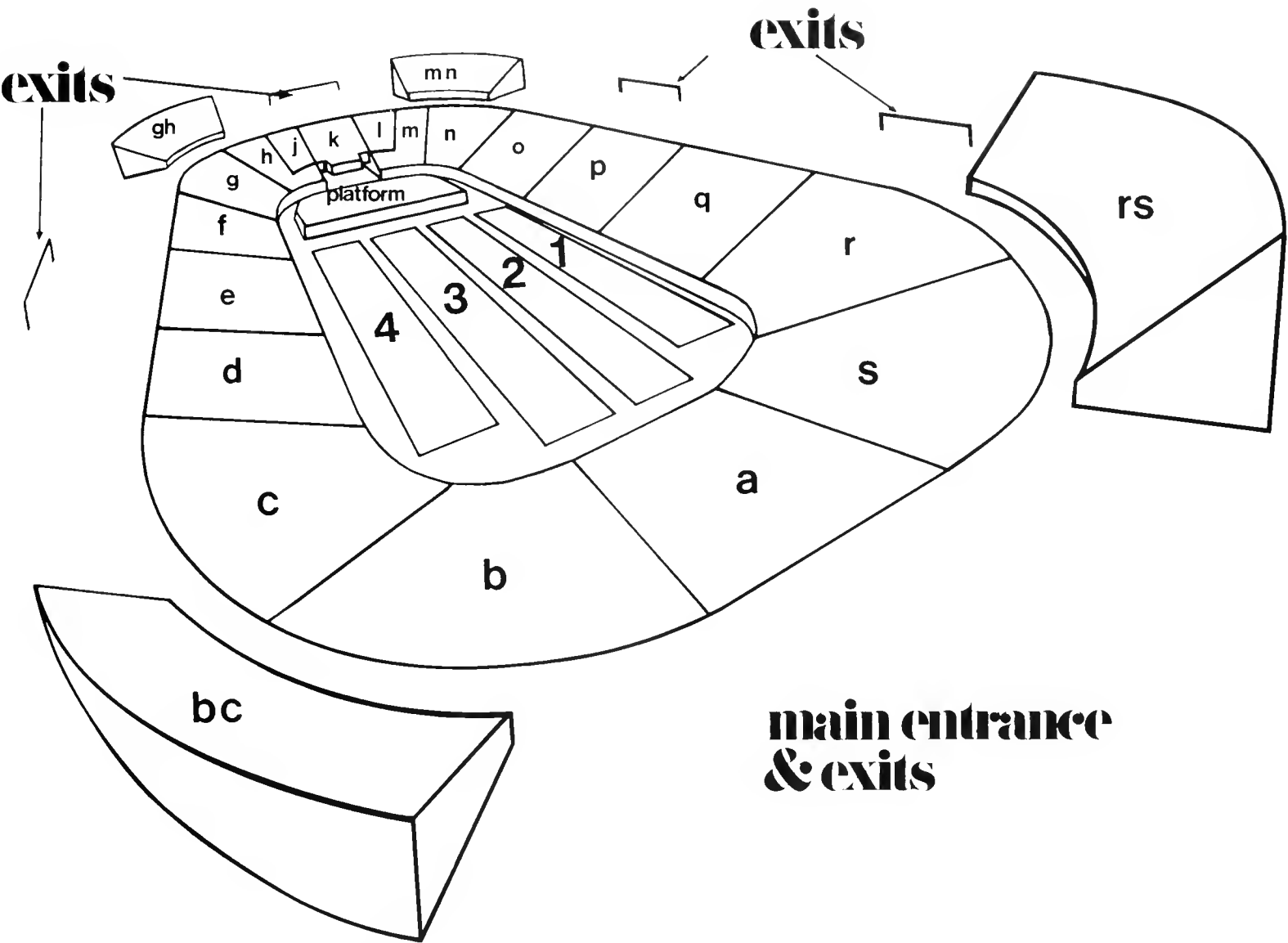
BYRD STADIUM. Football games and track and field events are held in this stadium which holds 35,000 spectators. (Ext. 4705)

McKELDIN LIBRARY. McKeldin contains materials for the use of graduate students and faculty. Tours can be arranged by appointment. (Ext. 4042)

ASTRONOMY OBSERVATORY. Open House is held on the 5th and 20th of each month at 8:30 p.m. for the general public. Large groups may call for reservations at 454-3001. (For other information call Ext. 3460).

ROSSBOROUGH INN. The oldest building on the College Park Campus, Rossborough Inn is open to the public for lunch from 11:30 to 1:30 p.m. (Ext. 3940)

Cole Field House Seating



Section 1

Arts and Humanities
 Arts and Sciences, Arts and Humanities
 Journalism
 Architecture
 Agricultural and Life Sciences
 Arts and Sciences, Agricultural and Life Sciences
 Agriculture

Section 2

Mathematical and Physical Sciences and Engineering
 Arts and Sciences, Mathematical and Physical Sciences and Engineering
 Engineering
 Graduate School

Section 3

Behavioral and Social Sciences
 Arts and Sciences, Behavioral and Social Sciences
 Business and Public Administration
 Business and Management

Section 4

Education
 Physical Education, Recreation and Health
 Human Ecology
 General Studies

