Commencement Program

University of Mary College Park Campus

Commencement Program

173rd Commencement University of Maryland College Park Campus December 20, 1974



Order of Exercises

December 20, 1974 2:00 p.m. Cole Student Activities Building

PRESIDING

Dr. John W. Dorsey Acting Chancellor, College Park Campus

MASTER OF CEREMONIES

Dr. Thomas J. Aylward Chairman, Department of Speech and Dramatic Art

PROCESSIONAL

University Symphony Band 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

Psalm 148 For Mixed Chorus and Band Latham University Singers Conductor, Dr. Traver

ADDRESS

Dr. Stephen K. Bailey

CONFERRING OF DEGREES

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

REMARKS TO GRADUATES

Martha Lynn Innocenti Graduating Senior

Dr. Dorsey

THE ALMA MATER

HAILI 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. Led by Dr. Traver

BENEDICTION

The Reverend Robert O. Burdette United Campus Ministry Chaplain

RECESSIONAL

University Symphony Band

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 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 biologist studies the properties of poisonous fish in the Red Sea while a colleague explores the effects of oil on the marine environment of the Chesapeake Bay; a group of professors probes the possibilities of life on the giant planets while others use high speed photography to find better ways for blasting in the urban renewal of our cities; one professor's long-term project is to edit the Booker T. Washington papers while his colleague studies the environmental causes of alcoholism.

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

The Campus

Located in suburban Maryland just nine miles from the Nation's Capital, 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 Georgianstyle buildings overlook playing fields, the tree-lined central mall, or rolling lawns, while one or two border the few remaining open fields of grazing land belonging to the University.

In enrollment, College Park is among the 10 largest Campuses in the country. Undergraduates enrolled in fall, 1974 numbered over 27,000 and graduate students over 7,000 for a total enrollment of over 34,000. This year's College Park operating budget is \$119,337,429, and the University assisted over 7,000 College Park students with scholarship aid in 1974-75.

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 1856 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 facultyowned 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.

Libraries

University libraries include approximately 1,400,000 volumes on the College Park Campus, 15,200 subscriptions to periodicals and newspapers, plus nearly 750,000 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 reading collection of 5,000 paperbacks and a book capacity of 200,000 volumes. Facilities include a guadrophonic 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.

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.



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 Grav 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.

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.

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.

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

Chancellor John W. Dorsey (Acting)

Vice Chancellor for Academic Affairs George H. Callcott

Vice Chancellor for Academic Planning and Policy Thomas B. Day

Vice Chancellor for Administrative Affairs William L. Kendig (Acting)

Vice Chancellor for Student Affairs

William L. Thomas, Jr.

Provosts at College Park

Division of Agricultural and Life Sciences Francis C. Stark

Division of Arts and Humanities Robert Corrigan

Division of Behavioral and Social Sciences Mary F. Berry

Division of Human and Community Resources 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 Robert L. Emans

College of Engineering Robert B. Beckmann

College of Human Ecology Elizabeth W. Brabble (Acting)

College of Journalism Ray E. Hiebert

College of Library and Information Services Margaret E. Chisholm

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

Administrative Dean for Graduate Studies David S. Sparks

Administrative Dean for Summer Programs Melvin N. Bernstein

Administrative Dean for Undergraduate Studies Robert E. Shoenberg

Administrative Dean of Academic Services and Facilities Vacant

Central Administration of the University

President Wilson H. Elkins

Vice President for General Administration

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 and Legislative Relations Frank L. Bentz, Jr.

Board of Regents

Chairman

Dr. Louis L. Kaplan Vice Chairman

Richard W. Case Secretary B. Herbert Brown

Treasurer F. Grove Miller, Jr.

Assistant Secretary Samuel H. Hoover, D.D.S.

Assistant Treasurer

Emerson C. Walden, M.D.

Officers of Commencement

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

Associate Chairman Dr. Robert C. Wiley, Professor, Horticulture

University Marshal Dr. Richard H. Jaquith, Assistant Vice-Chancellor for Academic Affairs

Music Dr. Eugene Troth, Professor and Chairman, Music

Committee Members

Mr. Ulysses S. Glee Office of Student Aid

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

Mr. Robert J. Beiter, Asst. Professor, Agricultural and Resource Economics

Mr. John T. Broadbelt, Supervisor, Physical Plant

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

Mr. Jackson W. Wilson, Admissions and Registrations

Mr. John A. Goecker, Director, Food Services

Ms. Joanne Janus, UMporium

Dr. Conrad B. Link, Professor, Horticulture

Dr. George Marx, Professor, Counseling and Personnel Service

Mr. William Reith, Physical Plant

Mr. Doyle P. Royal, Coach, Athletic Dept.

Mr. Charles Jantho, Director, Physical Plant

Ms. F. Carol Crain, Nurse Chairman, Health Center

Mr. Alfred J. Hanlon, Assistant Director of Athletics

Mr. Jerrold Witsil, Director, Public Safety

Mr. L. B. Jankowski, University Police

L. Mercer Smith Mrs. Mary Broadwater William G. Connelly Mrs. Michael J. Deegan, Jr. George C. Fry Young D. Hance, ex officio Edward V. Hurley James S. Jacobs Hugh A. McMullen Joseph D. Tydings

Stephen Kemp Bailey Honorary Doctor of Laws

During a troubled time in our nation's history when U.S. citizens and courts of law are examining the power and influence of politicians and Congress, Stephen Bailey's contributions in the field of public affairs assume a great significance. Stephen Kemp Bailey, Vice President of the American Council on Education, is a distinguished educator and author of books on the ethics of politics and the role of Congress. Not only has he devoted over thirty years of his life to higher education, but he has served as a public servant himself.

A respected scholar in the field of public affairs and public administration. Bailey served for twelve years as a member of the faculty of the Maxwell Graduate School of Citizenship and Public Affairs at Syracuse University, From 1961 to 1969 he served as Dean of the School and spent three years as Chairman of the Policy Institute of the Syracuse University Research Corporation. Before that time, Professor Bailey was on the faculty and director of the graduate program of the Woodrow Wilson School of Public and International Affairs at Princeton University. He was on the faculty and on the Board of Trustees of Hiram College from which he received his B.A. degree and spent eight years at Wesleyan University on the government faculty.

A Rhodes Scholar from 1937 to 1939, he was a Senior Fulbright Lecturer in American government at Oxford University.

Bailey's work in the field of politics and public administration has taken on an added import in light of recent inquiries into abuses of presidential power and the resulting congressional investigations. His books and articles on politics, government and education are numerous: *Congress Makes a Law*, 1950 winner of the Woodrow Wilson Prize of the American Political Science Association; *The New Congress*, 1966; *Congress in the Seventies*, 1970; *ESEA: The Office of Education Administers a Law*, 1968, co-authored by Edith K. Mosher. His articles in the field of politics include: "The Condition of Our National Political Parties," 1959; "Ethics and the Politician," 1960; and "The Office of Education and The Education Act of 1965," 1966.

He is co-author of *Congress at Work*, 1952; *Government in America*, 1957; *Schoolmen and Politics*, 1962; and *The Problems and Promises of American Democracy*, 1965.

In addition to his work as a writer and educator, Dr. Bailey has been an active participant in public affairs. From 1967 to 1973 he was a member of the Board of Regents of the State of New York. From 1967 to 1970 he was Chairman of the National Advisory Committee on Educational Laboratories under the Department of HEW. In 1964 he was a member of the Presidential Task Force on Government Reorganization, and in 1965 he headed the U.S. Bureau of the Budget Task Force on Intergovernmental Program Coordination. He also served as a Staff Associate to Task Force #1 on the Presidency of the First Hoover Commission. In the field of politics, Bailey headed the Connecticut Democratic State Platform Committee in 1950, and in 1951 he was Administrative Assistant to Senator William Benton of Connecticut, He was elected mayor of Middletown, Connecticut in 1952.

A founding member and Secretary-Treasurer of the National Academy of Education, he is past President of the American Society of Public Administration and a past Vice President of the American Political Science Association.

He has earned a Bachelor of Arts from Hiram College and Oxford University and a Master of Arts and Doctor of Philosophy from Harvard University.

He is awarded the Honorary Doctor of Laws from the University of Maryland.



Candidates for Degrees



Degrees Awarded August 23, 1974 **Graduate School**

Doctor of Philosophy

Barbara Arlene Ainsworth Secondary Education: Stated Perceptions of Teachers Regarding In-Service Programs

John Jefferson Ambrose Measurement and Statistics: An Application of the Intuitive-Theoretical and Group-Discriminative Techniques in the Construction of a Multi-Dimensional Scale for Measuring Reliaious Commitment

Alice Lee Aslin

Counseling and Personnel Services: Feminist and Community Mental Health Center Psychotherapists' Mental Health Expectations for Women

Peter Mark Aufsesser Physical Education: Effects of Repeated Trials on the Reliability of Physical Fitness and Perceptual-Motor Performance Scores of Institutional Mentally Retarded Subjects

Rajender Auluck Mechanical Engineering: Mass Transfer to Rising Air Bubbles in Water Column

Ray Morris Ayres Secondary Education: Evaluation of Training: An Experimental Study Testing the Effects of Human Relations Training on Supervisors' Knowledge

Stephen Philip Barrilleaux **Counseling and Personnel Services:** The Effects of Gestalt Awareness Training on Experiencing Level

Gail Ann Bleach Psychology: An Evaluation of Hotline Services: Process and Outcome

Nathan Bluzer

Physics: An In-Situ Study of the **Optical and Electrical Properties of** Amorphous Germanium as a Function of Thermal History

Ronald Henry Bojarski Administration, Supervision and Curriculum: A Study Investigating the Differential Effects of Feedback in Producing Changes in Principals' Behavior as Perceived by Teachers

Margaret Huling Bonz Counseling and Personnel Services: The Effects of Pictorial Modeling Stimuli on the Achievement Behavior of Women

J. Barry Cammarata Physics: A Study of Crossing Symmetry in Pion-Nucleus Scattering

Enrique Antonio Caponi Physics: A Three-Dimensional Model for the Numerical Simulation of Estuaries

Hal Victor Cartwright Government and Politics: Revolutionary Algeria and the United Nations: A Study in Agenda Politics

Michael James Caughlin, Jr. Agricultural and Resource Economics: Wolfgang Peter Johann Dittus A Microanalytical Simulation of Eight East Indian Villages

Ute Reich Cezeaux German and Slavic Language and Literature: Die Theaterlustspiele von J. C. Brandes im Ubergang von Typenkomödie zu bürgerlichem Rührstück

Joseph John Charbonneau Agricultural and Resource Economics: James Allen Doilney A Spatial Analysis of Selected Impacts on the South Atlantic Processing industry

Grace Harlow Chickadonz Human Development: Mothering and Illness in Young Apache Children

Bette Sandra Coplan Administration, Supervision and Curriculum: An Application of the MacKenzie Model to Educational Administration

Gregory Marsh Cramer Chemistry: Reactions of Methylenecyclooctatrienyl Anions and the Biocyclo(6.2.0) decatetraene Dianion

Ellen Cunningham Mathematics: Chain Models for Infinite-Quantifier Languages

George Harold D'Addamio Animal Science: Plasma Progesterone and Luteinizing Hormone Concentration in Beef Heifers Following Estrous Synchronization with Hormonal Implants

William Davis Daniels Secondary Education: An Investigation of Student's Attitudes Toward Geography Through the Use of the Strategies of the High School Geography Project at the College Level

Julia Perrin Davidson Counseling and Personnel Services: Empirical Development of a Measure of Black Student Group Identification

Paul H. Del Nero Human Development: Parents' Perception of the Self-Concept of their Physically Handicapped Children

Zoology: The Ecology and Behavior of the Toque Monkey, Macaca s. sinica (L.)

Robert Francis Doherty Chemistry: The Principle of Least Motion and E2 Elimination Reaction; The Thermal Reorganization of 9-Chlorobicyclo-(6.1.0) nona-2,4,6triene

Economics: Equity, Efficiency, and Intertemporal Resource Allocation Decisions

Lawrence Earl Dowler History: The New Idealism and the Quest for Culture in the Gilded Age

Thomas Frederick Endress Human Development: The Relationship Between Handedness and Cerebral Dominance in Language Processing

Arthur Michael Feldman Zoology: The Effects of 3, 3', 5-Triiodo-L-Thyronine on the Renal Handling of Citrate

John McMaster Finn Physics: Integrals of Canonical Transformations and Normal Forms for Mirror Machine Hamiltonians

Steven Jay Fischer Horticulture: The Effects of Two Plant Growth Regulators and an Insect Growth Regulator on the Growth, Flowering and Whitefly Infestation of Chrysanthemum and Poinsettia

Arnold Frances Chemical Engineering: Kinetics of the Radiation Induced Decomposition of Sodium Nitrate

Patricia Ann Freiberg Counseling and Personnel Services: Modeling and Assertive Training: The Effect of Sex and Status of Model on Female College Students

Russell Glock, Jr. Electrical Engineering: Parameter Estimation in the Presence of Phase Error

Frank Hamilton Godley Sociology: Cigarette Smoking, Social Factors, and Mortality: New Estimates from Representative National Samples

Edwin John Grayzeck Astronomy: Investigation of the Spiral Structure of the Crux-Centaurus-Circinus-Norma Region of the Milky Way by Means of Long-Period Cepheids

Margaret Elaine Greenbaum Economics: The Poverty Problem: A Merit Want Approach

Joanne Marie Greer Measurement and Statistics: Prediction of Learning Disability by Computerized Pattern Analysis

Bart Karl Gruzalski Philosophy: Act Utilitarianism and Utilitarian Generalization: The Equivalence Thesis

Shirley Louise Hale Human Development: An Investigation of Patient Satisfaction and Psychosocial Aspects of Nursing Care Frances Alda Alexander Harper Social Foundations: *Tracing the Course of Growth and Development in Educational Policy for the Canal Zone Colored Schools, 1905-1955*

Henry Jacob Haussling Meteorology: A Numerical Study of Viscous Flows of Stably Stratified Fluids over Barriers

David Bruce Heard Human Development: The Effect of Immediate Focused Videotape Feedbac Upon Self-Concept in an Encounter Group

Michele Harway Herman Psychology: Stereotyping: Some Effects on the Stimulus Person

Agnes Catherine Higgs Psychology: An Investigation of the Similarities hetween Altruistic and Moral Judgments

Nancy Slocum Hornick History: Anthony Benezet: Eighteenth Century Social Critic, Educa tor, and Abolitionist

Tsun-Shih Rosanna Hsieh Agronomy: *Genetics and Physiology* of Air Pollution on Maryland Tobacco, Nicotiana tobacum, L.

Paul Lawrence Irwin Mathematics: Weakly Almost Periodic Vector-Valued Functions

Lacy Burnette Jeffreys Counseling and Personnel Services: The Relationship between Self-Concept and the Perception of Positive Feedback

Patricia Mavis Jenkins English: <u>Coleridge's Literary</u> <u>Theory: The Chronology of its Development, 1780-1817</u>

Edward Joseph Kelsey Physics: Quantum Electrodynamic Corrections to the $2^3S_1 - 1^1S_0$ Transition Rate in Helium and Helium-Like Atoms

Margaret Anne Kingdon Counseling and Personnel Services: A Cost/Benefit Analysis of IPR Charles Carl Larson, Jr. Counseling and Personnel Services: Reinforcement Effectiveness as a Function of Incentive Value and Subject Responsiveness to Informative Cues

Tien-Yien Li Mathematics: Dynamics for $X_{n+1} = F(X_n)$

Robert Charles Lynch Counseling and Personnel Services: Effects of Attending Behavior Microtraining on College Faculty Advisors

Kenneth Jay Manges Counseling and Personnel Services: The Relative Reinforcing Efficacy of Stimuli from Three Different Sense Modalities

Betty Jean Martin Music: The Ephrata Cloister and Its Music, 1732-1785: The Cultural, Religious and Bihliographical Background

Richard Alden Mathers Sociology: Class and Politics in the First New Nation

Astrid McHugh Psychology: Encoding Variables in Recognition Memory: Rule Discovery and Induced Meaningfulness of Nonsense Syllables

John Mendelsohn History: Trial by Document: The Use of Seized Records in the United States Proceedings at Nuremberg

Charles Lee Miller Chemical Engineering: Design Optimization with Risk in Dynamic Competitive Markets

Dharitri Misra Physics: Role of Long and Short Range Potentials in Vibrationally and Electronically Inelastic Collisions of Diatomic Molecules

Godfred Ndika Ngoh Administration, Supervision and Curriculum: Sports Interests of High School and College Students at Yaounde in Cameroon Virginia Lee Parrish Norton Nutritional Sciences: A Nutrition Education Program for Selected Third Grades and Its Effect on Nutrition Knowledge, Attitudes, Practices and Iron Nutriture

Dennis James O'Brien Civil Engineering: Kinetics of the Oxidation of Reduced Sulfur Species in Aqueous Solution

Michael Donald Orzolek Horticulture: The Effect of Climatic Factors and Ethephon on Fruit Ouality of Processing Tomatoes (Lycopersicon esculentum L.)

Young Ho Park Electrical Engineering: Quantum Linear Recursive Minimum Mean-Square Error Estimation

Wilma Eldersveld Phillips Human Development: The Motive to Achieve in Women as Related to Perception of Sex Role in Society

Ira Fernando Plybon English: John Morley: The Victorian Rationalist as Literary Critic

Dwight Alexander Porter Economics: The Four-Day Workweek: An Examination of Experience and Prospects

David Bruce Rindler Psychology: The Effects of Vicarious and Direct Reinforcement on Pre-interview Models

Charles Alfred Roswell, Jr. Geography: Water Gaps and Drainage Evolution in the Folded Appalachians between the Potomac and Susquehanna Rivers

Anthony Louis Rowek Chemical Engineering: *The Electri*cal Conductivity Behavior in the System CaO-La₂O₃-HfO₂

Les J. Schiller Counseling and Personnel Services: A Comparative Study of the Differences between Client Continuers and Dropouts at Two Counseling Centers Martin Norman Schulman Administration, Supervision and Curriculum: Selected Variables Predicting Attendance of High School Students with Previous Records of High Absenteeism

- Michael David Shalter Zoology: A Semiotic Analysis of Acoustic Alarm Communication in Selected Galliformes
- Portia Holmes Shields

Elementary Education: Investigation of the Relationship between the Use of Certain Black English and Standard English Features in a School Setting and the Oral Reading, Silent Reading, and Listening Comprehension Levels of Black Title One Children in Washington, D. C. Public Schools

Barry B. Shultz

Physical Education: The Role of Proprioceptive Feedback in Perceptual Anticipation and Coincident Response Timing

Robert Dewey Simpkin

Zoology: Acquired Thermotolerance in Suspension Cultures of L-929 Mouse Fibroblasts as Demonstrated by the incorporation of Labeled Precursors into DNA, Protein and ATP

Buster Lewis Slaten

Chemical Engineering: The Effects of Weathering and Atmospheric Pollutants on Cotton Fabric and Cotton Fabric Treated with Selected Flame Retardants

Raymond William Smock History: The Booker T. Washington Papers, September 1899-March 1901

Theodore Glenn Stastny, Sr. Mechanical Engineering: Stresses in a Helical Spring Due to Dynamic Loading

George Franklin Sterman Physics: Aspects of the Fermion-Scalar Bethe-Salpeter Ladder Model; Rotational Analyticity of the S-Matrix

Michael Loren Swaney Secondary Education: A Study on the Relative Merits of a Summary and Two Summarizers--Variants of David P. Ausubel's Organizer--with Respect to Student Achievement in Elementary Robert Joseph Werrlein Calculus

John William Swann Zoology: Cardoac Norepinephrine Depletion During Two Forms of Experimental Hemolytic Anemia

Scott Logan Thomson Mechanical Engineering: A Theoretical Investigation of the Electrode Boundary Conditions in Magnetohydro Gene Child Whaples dynamic Generators

Larry B. Tsai Botany: The Metabolism of Potential Phytosterol Precursors in Chlorella ellipsoidea

Donald William Turner Microbiology: The Development of a Model System for Investigating the Role of the Cell-Mediated Immune Response in the Pathogenesis of Periodontal Disease

Norman Leland Ulsaker Agricultural and Resource Economics: Differential Returns to Alternative Investments in Irrigated and Dryland Agriculture among Small Farms in the Coastal Plain Area of Morocco

Nancy Ruth Vandenberg Astronomy: Meter-wavelength Observations of Pulsars Using Very-Long-Baseline Interferometry

Mary Ford Waldrop Human Development: Minor Physical Anomalies and Inhibited Behavior in Elementary School Girls

Yuh-ying Lin Wang Physics: Drag Force on Objects in the Nearly Free Molecular Flow Regime as a Function of Speed Ratio

Earl Stephen Warden Physics: Experimental Measurements of the Radial Density Distribution in a Nonneutral Plasma

John Morris Weaver Animal Science: The Establishment of Ruminococcus flavefaciens in Gnotobiotic Lambs

Zoology: Density Dependent Oxygen Microenvironment and Respiratory Oscillations in Attached Cultures of Mammalian Cells

James Shiapin Whang Civil Engineering: Real-Time Characterization of Particulates Emitted by A Coal-Fired Power Plant

Agricultural and Extension Education: Attitudes of White 4-H Professionals Toward Blacks

Doctor of Business Administration

Terence Aubrey Shimp Business and Management: An Analysis of the Structural and Content Characteristics of National Television Advertising: Implications for Communication Effects Researchers and Public Policy Officials

Doctor of Education

Lyle Wilson Cornforth Human Development: A Comparison of Autonomic Responses of College Students While Viewing Human Crisis Events in Simulated Video Telecasts with Actual and Staged Audial Introductions

Elizabeth Hill Moores Industrial Education: The Development of a Multi-Variate Formula to Predict Occupational Work-Experience Success of Distributive Education Students

Haroldie K. Spriggs

Administration, Supervision and Curriculum: Developing Instructional Modules for Planning and Implementation of Plans in a CBTE Program: A Doctoral Project

Geraldine Roberts Waters Administration, Supervision and Curriculum: A Model for a Competency -Based Social Studies Methods Course for Prospective Elementary School Teachers



Master of Arts

Heeja Ahn Mary Miller Aldridge Geraldine A. Allen Lawrence Robert Allen John W. Allin Helen Louise Annecillo Rebecca Anne Huss Ashmore L. E. Babits Robert Cullen Bailey Vickie May Beard James Neil Benson Dorothy Payne Boerner Thomas Arthur Bogar Alta Campbell Bowersox Gayle Vernette Pearson Bradley Thomas Dean Brand **Ruth Dillon Brock** George Bartlett Brown III Rodney Marcella Burton Linda Jean Cades Linda Jane Cates Randall I. Charles Wei William Chen Betsy McGregor Cooley Glenn E. Crellin Arnold Bob Danzig James Oliver Day Albert Anthony DeNapoli John Francis Dickson Lawrence Joseph Duzor Chris D. Dyer Susan Caruso Eberst Rosemary Rattigan Eisenhauer Edward Rudolph Ettner William Alfred Fioretti Neil Joseph Eitzpatrick John Briscoe Forrest III Mary Ann Freedman Joel Roger Friedman Bert B. Haloviak Richard W. Hardy Anne Katherine Harrington Marsha Watkins Harris Donna May Hastings Meldon Stonewall Jackson Hollis Jr. Nancy Mary Horstmann William Henry Howard Jr. Nguyen Thi Hue-Khanh Sandra R, Huff Everson Warren Alarick Hull **Dorothy Virginia Huss** Sallie Middleton Ives Fred William Jacoby Paraskevoula Demeter Johnson Dawn Marie Jones Kathleen Bernice Jordan Matthew I. Kahal John Philip Katosh Glenn Bryan Kelly Michael Joseph Kendrick

Patrick Albert Langan Lucie T. Lapovsky Timothy Raymond Lazaro Young Sun Lee Andrew Jay Leiter Raymond Walter Lemberg **Robert James Leonard** Janice Marlene Lissy Jacqueline Beatrice Little Susan Marie MacKowiak John Thomas Malek Thomas Charles Mascott Virginia Grove Matthias Robert Neil McDowell Pervis McKenney Jr. Elizabeth Sharon Melcher **Richard Kurtz Miller** Saeed Farshid Mohamadi Natalie Ann Munson **Timothy Charles Muzzio** Miquel Fernando Negrón Jr. Maureen Jane Nemecek Kathleen Therese O'Brien Judith Sprei Ott Lucile F. Otton Irene Kalandros Papas Michael George Pfetsch Lois Pottorff Alan Eugene Ptak Minoo Rafiei Victor Reasoner Joan Lee Richards Aldema Anne Ridge Karen Lemoyne Roberts Susan Reichgott Robinson Allan Howard Rotman Robert Scott Rycroft Susan P. Schachtel Marlene Judith Deckelbaum Shapiro Madeleine Sherak Jeffrey Mark Siedenberg William Robert Simpson George Eugene Smith Jr. Mark Steven Steinitz Joseph Sumilas Kathryn Bernadette Summa John Alan Talbot Ernest W. P. Thavil Mary Scarlett Steele Thomas Sue Brown Toler H. Warren Topelius Nancy Karen Torrieri Melissa Durvin Trevvett Carole R. Unger Phyllis Lee Viccellio Dolores Elaine Victorian Eric Vlahov Richard E. Weaver Kendrick Wayne Wentzel James C. Wright Ruth Mary Wright

Jeanne C. Yarmey Robert Leroy Zehner Stephen Michael Zemyan

Master of Business Administration

James P. Allen **Baymond Alfred Allen** Joseph Anthony Bennett Jr. Ronald Gene Blunck Leslie L. Brouillard James Wesley Chaires Jr. Paul B. Dahl John Colvin Emery III Ralph Thomas Flaherty Wayne E. Galinat Grace Ann Greenberg William Howard Johnstone Terry Eugene Kridler Ronald A. Matovcik Sander Mednick Mary Louise Rider William Alan Starr William C. Turnbull Jr. Susan Rawson Zacur

Master of Education

Joyce D. Adams Felix O. Agun Evelyn Hansen Allin Cathryn Linda Ambrose Charlotte Deborah Anderson Kenneth George Ayton Marie JoEllen Bee Catherine Kaifer Boyer Dianne Florence Brown Mary Ann Pizza Browning Rose Anne Buchmoyer Elva F. Burns Linda K. Burns Maxine Marietta Caldwell Martine Helene Car Patricia Gail Chesler David Ray Cheslock Barbara Jean Meyer Conley Kathleen Elizabeth Counihan Linda Sue Craven Betty Jean Crisp Henrietta M. Dahlstrom Mariorie W. Davis Glenn Dorsev Barbara Elaine Early Patricia Maureen Finnerty Marjorie Ann Abbott Fioramonti Harold Glenn Franklin **Richard Taylor Friedl** Joseph G. Fudjack

Thomas Courtney Garton Steven Gibson Cathy Lynn Gilliland Ruth Gollan Marilyn Connolly Gonzalez Wren Cronan Gregus Marcia Diane Gruss Bruce Roy Guinn Jeffrey William Hahn Muriel H, Hailstorks Andrew Lee Havis Patricia Ann Heinz Kathleen L. Helt Dorothy Burrows Johnson Erica-Jean Elizabeth Johnston Leah Johnston Cynthia Cavenaugh Jones Meryl Levine Karchawer John Edward Kasuda Carol Ann Kempske Ann Marie Keyfauver Carol Winston Kidd Elizabeth Katherine Kilgus John Arthur Knupp Mary Fatima Kosar Martha Elizabeth Kruse Agnes Diminga Labor Barbara Ann Landefeld Joan Bette Larson Mary Raymond Loque Sarah Cox Marisic Vincent Michael Mazz Kathleen Kelly McMahon Raymond Frank Meyer Dayton Eugene Meyers Lenora Louise Mitchell Daniel W. Mitchum Sunday June Morgan Lois Ellen Myers Joan Elizabeth Nelson Karen K. Nordahl Joyce Rosalie North Harold Herbert George Oliver Brenda Harriet Peterson Alice Genevieve Czech Porkert Michele Ann Porzel William Bruce Reiber Barbara June Reitz Antoinette René Reutemann Susan Lynne Robertson Michael Grant Robinson Carolyn McDaniel Rogers Diane Barrie Rose Betty Bennett Ruthe Hinda Freda Sacks Sekip Sahin Mary Patricia O'Grady Sand Stephen E. Schappert Roberta Joan Scheer Cynthia Catherine Schlude Jane Marie Sharnoff Eleanor Elizabeth Shook

Alan Matthew Silberman Bernard Peter Silverberg Steven Bruce Silvern Ann Katherine Skamarycz Judith Ellen Slye Michael Solonevich **Clifton Moffett Stoneburner** Linda F. Teplitzky **Renee Tevelow** Billy Howard Thompson Robert James Tuholski Gerald Aloysius Vazzana Helen M. Vexler Patricia Clark Vogelsang Louise Ethel Warren Shelby Davis Weingarten Ruth Kern Wieben Cheryl Hiers Wilhoyte Betty C. Williamson Beth G. Wisecup

Master of Fine Arts

Patricia Elizabeth White

Master of Library Science

Elaine Catherine Alligood Kay Holeman Baily William Henry Baker Linda Anne Barnes Carol Shore Berman Carolyn Woodard Bibault Susan M. Blevins Ellen Virginia Boissevain Christina E. Bolgiano Tina L. Burke Janet Lee Bynum Bonnie Sue Moroch Colcher Mary Elese Colvin **Ruth E. Corkill** Oma Jean Crosier Sharon Louise Richey Crutchfield William DeCosta J. Michael Donnelly Edmund Patrick Edmonds Wanna May Ernst Janet Elaine Ertz Nina Merriman Fedalen Anne-Marie Gabor Denise Darnell Gletten Ruth Anne Graham Stuart Greenberg Loretta Ann Greiner Gail Lynn Griffith Michael Francis Handy Beverley Ann Harison Jane Hawkanson Elizabeth J. Hayes

Holly Nosker Henley Sarah Brigham Howell Hisayuki Ishimatsu Edward Ellsworth Jones Sharon Mae Kalbarczyk Gail Lynn Kantor Marnie Pan Kao Judith Alk Karren Dianne Joyce Kasten Abdur Rahman Khan Linda Kim Robert MacDonald Kline Sharon Smart Koury Philip Joseph Kromnick Colfeen Nora Lahan Isabelle Teresa Laucka Lucille Baptist Leavy Frances P. Lederer Frances Lefkowitz Nancy Hall Lewis Denise Marie Liard Kinnev Littlefield Elizabeth Reynolds Lyman Dolores M. Maminski Lynell Jean McKnight Elizabeth Nyang **Richard Lee Omerso** Peyton Lewis Penkowsky Charles Arthur Phillips James Dodson Poe Mya Thanda Poe Johanna Powers Winifred Susan Pruitt Margaret Garvey Purcell Susan Elizabeth Randolph Howard Bruce Raskin Joyce Cortright Richmond Susan Warren Robinson Vicky Loretta Rogers Nathan Rosenbaum Patricia Ann Stafford Mary Moncure Starke Donna Lang Study Michael P. Supple Judith Carol Sweney Deborah D. Taylor Carol Jean Thomas Lynn Gallagher Tienken Mary Garlington Trefry Alan Kay Virta Katherine Moore White Dena L. Wilson Rosa Mae Wilson Rosafie Louise Woodard Taeko Terashima Wu Melora Davis Zeisberg John William Zitnyar

Master of Music

Joan Kunselman Cordes Ralph Mark Gaedicke Elizabeth Lingrell McWilliams

Master of Science

Akinsehinde Ola Akinsorotan Steven Paul Aust Barbara Ann Baczewski Wayne Clifton Barnes Jr. Eugene I. Baskin James Alten Belknap Zvi Bergreen Wavne Berman Abraham Biadgelgne Charles Robert Binkley Diane Elizabeth Brockman Stephen James Brodeur Kenneth Mark Brown Linda Marie Brown William Mitchell Burch Paul George Bystrak Rodrigo G. Castro John Joseph Cornyn Jr. David Paul Crowl Thanh Hung Dao John T. Deaton John Paul Devereaux Thomas Edward Dobry Lewis August Dokmo Diane M. Dowdell Joel Steven Faden Gaston Carlee Finney Alton Leonard Fleming James Richard Franklin John Philip Freeman Rosalind Dwyer Friedman Mary Manning Galloway Susan Elaine Gebhardt Loyal Michael Goff D., Edgar A. Gonzalez Gary Lane Green Frank Andrew Hagen Ellen Sue Hartenstein Dorothy Ann Hester Charles Lamar Hilterbrick Joanne Merson Holden Jick Hyun Kim Ravi Chandar Krishnan Betty Jean Layman James Lefter Elizabeth Anne Majane Sze Ngai Mak Patricia Anne McGrath John McHugh Nancy Laura Middleton Barbara J. Milis

Jane Mirro James Oleary Montgomery Linda Ann More Yasuo Motovoshi Elizabeth Jean Newman Betty Ann Newton Paul W. Nichols Dianne De Pue Odland Rachel L. Olney Paul F. Ottinger Jorge A. Pacheco Philip Teh Pan Walter Allen Payne Henryk Perelsztein Anh Le Phung Steven Howard Pravdo Andrew Edward Ramisch William Edmond Reichmuth III Garaldine M. Riggs David Israel Rosenbloom Marianne Emerson Russek Susumu Sakakibara George Michael Samaras Craig Charles Sheaffer Ronald R. Shields Janice L. Shivers Judith Sachs Shulman Patricia Cook Sinclair Marcia S. Sloger Steven Avery Smith Norman Scott Spencer Eloise Loos Stver Dah Wei Sung Catherine Ann Surra Thomas Lee Tatum Kingsley Prentiss Thompson James Richard Wardell Frederick E. Wasserman Carol Umans Weber Jeffrey Lawrence Weiler Andrew Eric Weiser Ronald Clarence Willard Alfred Smith Williams III Denny Lee Wilson Sr. Eric Vassar Witt William Edward Yanovitch

College of Agriculture

Bachelor of Science

Bichard Wilson Collins Donna Kay Demange John Francis Fiedor *Robert Clarkson Fry †Gary Martin Goldstein Kemper Lee Holt William French Holt Bruce Allen Lawson *Lee Stephen Malone Carter Benson McCamy Mark Edward McKevitt Alan Drew Rubinstein David Michael Snyder Gary Wayne Stearns †Justin Harvey Straus Roger Allen Warthen Robert Coddington Weber

School of Architecture

Bachelor of Arts

Marjorie Ciccone Jeffrey Eric Gilbert

College of Arts and Sciences

Bachelor of Arts

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Domenica C. López Ricardo Lopez tHarry John Loss Nancy Eileen Maginnis Jonni Marie Marguardt Stewart Lee Martinez Peter Joseph McKenna Daniel Willis McKerrow Robert Bruce McKibbin Lisa Rappaport Melman Raymond Paul Montgomery Monica Louise Nowak *Peagy Christine Nowels Paul Lyndon Phillips *Janice Poland Kathleen Marie Popper Richard Alan Radeloff Wanda P. Robinson Dominick Servadio Jr. Kathleen A. Sheehan Stephen Shemelynec Jr. Suzanne Jeanne Silber James Howard Silverman **Rita Mandel Stein** Jeffrey P. Timins Japeth Clifford Trimble Andrew Charles Vlahakis Alfred Ronald Walters John Samuel Weiner Edward William Wetterman Sharon Lee Wheeler Sylvia A, Wright

College of Arts and Sciences

Bachelor of Science †Darold Kevin Beard Carol Jane Brier Steven Matthew Brooks Clay Stuart Campbell Lauren Kay Corbitt David Alan Crow **†Elliot Keith Fishman** Gene F. Frazier **Richard Bieber Friese** *Beverli Sue Goldberg Phyllis Louise Greenwald John Cecil Gridley *John Edwin Hartman *Ita Marquerite Killeen *Bruce William Markoff Marc Steven Nasoff Larry Jay Ochfeld **†Rona Beth Rubin** *Richard P. Singer Michael D. Sokoloff Marilyn Terri Werthamer Nelson Eric Wiegman **†Barry Alan Wohl**

Bachelor of Music

Michael F. Boulé

College of **Rusiness** and Management

Bachelor of Science

*David Eugene Arnold Maury Allen Baer Howard Steven Bernheim John Michael Bishop John Braddy Kenneth Riley Brittin James Merton Calder Roger Linwood Cary Wyade Leo Christner Remo Ciccone Elton Dennis Clohecy James M. Collins [‡]James Graff Connor William Edward Davis James Craig Defibaugh Steven Michael Denenberg Gilbert Bryan Devey Jr. Ronald Lee Dieterich Edward Arthur Doebler Junior Rosemary Downing Paul Francis Earley Stephen Rance Emme Robert Jennings Flaherty Kenneth W. Frech Warren Robert Galinat Steve Allen Gibbs Preston John Godfrey †Roger S. Goldman Ted E. Goldman Kenneth David Hackman Jr. John Brady Haines Mary Noble Heath John Patrick Heimbecker Ronald David Hessenauer Steven Gary Hirshenson Kenneth Neal Hopkins James Archer Ingel *lan Charlton James David Christopher Jones Clifford George Kane Susan May Khair *Donald Philip Klein Steven Nelson Klenk James Edward Komaromy Craig Korvin †Andrew Gary Levy Mark D. Loop Christopher Stanley Maika Christian Francis Matthiessen Frank William Mauric

James Wilson May Jr.

James Kirk McBride Joseph Michael McCathran Michael Thomas McDonald **†**Richard David Mencl George Robert Neureither tWilliam Patrick Newman Jr. John Joseph OConnell Jr. Teddy Lee Okum Robin Reed Owens Peter Andrew Paff Michael Andrew Parker Danny Ray Patton †Eugenia Christina Perros **†Paul Joseph Quattrone** †Martin A. Rabenovets Stuart Alan Babkin Patrick Allen Richards Pamula Robinson **Richard Alexander Robuck** Barry Alton Root Albert Franklin Rowles Jr. James Michael Schultz Alan Lee Schupp †Gordon Edward Shults Donald Richard Siegel William Lloyd Singer Jr. Hal William Slaton Ellen Carol Sobol **Bruce Howard Stevens** Gary Lee Stup Owen E. Swartman Walter Watson Tingley Joseph Edwin Trimmer David Allen Ulanow Susan Uszerowicz James Sam Vance Bruce John Varker Richard Leo Vitek Jr John Richard Wagner Daniel Ligon Ward Philip John Wegman David James White James Knott Williams III Malverta Doyle Williams †Albert Wilbur Woodfield III Edward Mill Yee James R. Young Sang Yohl Yu Michael John Zahra

College of **Business** and Public Administration Bachelor of Science

David Michael Cox Francis Joseph Crandel! Larry Stuart Enten Norman Paul Fink

Stephen Douglas Gill Peter Horace Hamilton tP. Janee Jacobs Sharon Maureen Little George E. Marucci Harlon Scott Roman Richard Barry Singer Barbara Hagen Smeby Richard John Sumner Jr. Dennis Randolph Thomas Eli Thomas Williams Jr.

College of Education

Bachelor of Arts

Joanne Pearce Arthur Francis Lorin Brown Jr. Bonnie Jean Brune Elaine Castilow Rosemarie D. Craven Paul Norman Garner Jr. Melanie Bridget Gary Roger Byron Giles Glenda Ann Gillan *Jane Ann Hannon Rebecca Jo Hare *Virginia K. Hilmy Edward Lawrence Hubbard Doris Anne Lobb *Louise Wilson Margolies †Judith Spector Marwick Maureen McKav Katherine Mockus Bruce Cunningham Murray †Susan Patricia Perry Reinhard James Pohlen Gerard Francis Sewell *Linda J. Sweeting Marianne Kathryn Szwec Sharyn Beth Tarason Merrie Robin Woolf

College of Education

Bachelor of Science

Stephan David Alterman Cynthia Irene Barnhouser Beverly Mae Beattie Deborah Judith Berlin Judith Lenore Bialek †Douglas Joel Bilbo Susan Scott Billmyre Mary Elizabeth Woycik Bilowus Gayle Yvonne Blevins William Richard Bogley Joyce Patricia Boisvert

Terry Lynn Bowen †Judith James Brown Donna Lynne Carroll Margaret Ann CArter Judith Lynne Cohen Mary Kathleen Colfins Patricia Ann Conner Vivian Elisabeth Dieterich Frances Justina Dillon Gary Michael Eslin Martha Farkas †Gregory Patrick Field Bette Ann Frederick **†Susan Grace Fritz** Robert Morris Goldfinger William Trimble Hall Jr. *Suzanne Poff Hathaway Verlee Kay Hitzhusen Rebecca Louise Horner Jill Anne Iskovitz Marion Amy Isserman Donna Christine Istvan Frances Ann Jensky *Christine Barbara Johansson Sandra Jeane Keiffer Barbara Ann Kleinknecht Karen Sue Knickrehm Maxine Paula Kornstein *Barbara Lane Kreager Nancy De Simone Laycock *Tedd Leighton-Hermann Diane Schreiber Lipskind Gail Lorene MacMillan †Ellen Leissner Margolius Shoshana S. Margulies Michael Joseph Maxzczenski Jr. Paul Robert McGinley Kathryn Ann McKenzie Maureen Kathryn McLain *Timothy Brendan McManus *Stuart Sigmund Melnikoff Jennifer Lynn Metelits Linda Powell Middleton Svlvia B. Miller Amy Ruth Mitchell Betty Kay Morris Gary Mel Nelson Carolyn Maureen O'Donnell Rena Pensky Maureen Theresa Pergal JoAnn Marie Pesce David Joseph Phillips *Vicki Lynn Pinkos *Juliann Katherine Reilly †Judy Joy Wannan Rein Charles Wayne Riggleman †Lori Sandbeck Linda Jolene Schilling David Alfred Schwarzmann Deborah Elaine Sengstack Joseph K. Sheva

Kathleen Marie Slagle

Gwendolyn June Sowa Nancy Jane Stevens Linda Marie Tennery Joan Corrine Thomson Harrison Marley Thrasher Jr. John Nathan Tillman Jacqueline Arleen Vandyke Linda Jean Wagner Linda Marlene Walleigh Mark Richard Wascavage Sr. Brian Leslie Wehrheim Susan Gretchen White Katherine Rose Woodhouse Robert Alton Yost Kathryn Ann Zeniak ALG ML Collége of Engineering **Bachelor of Science** 1 100 0 10 200 Shahid Mohammad Anis * Robert Louis Burzese Jr. Earl Preston Easton Jr. †Michael Stanley Edwards TWilliam L. Feeney Robert Alvord Flanders Robert Gehman Jr. 💥 Marian R. Gordon 😂 ME Shawn Martin Gorman Mohinder Nath Goswami *Douglas Max Hart *Charles A. Irish Jr. Francis Atherton Jacocks Jr. *George Stevenson Kemp III Karl Andrew Knutsen Alan M. Krichinsky John Randolph Maphis Barry Stuart Marcus John L. Matticks Alan Crosby Meese Marc Carl Menzie

Barry Stuart Marcus John L. Matticks Alan Crosby Meese Marc Carl Menzie Kenji Ryu John Edward Schade Charles Albert Shaheen Russell Gregory Sharpe Robert E. Simonds Jr. Rogan Stearns David Lloyd Tate †Robert Phillip Willet Jr. Lockett K. Yee Michael William Young Thomas William Zalesak

†Victor Casimir Zwinklis, Jr.

* women

College of Human Ecology

Bachelor of Science

Elizabeth Canton Bayliss *Barbara A. Castro Carol Cooper Donna Rae Denison Deborah Jean Drehoff Lisa Freeman Marsha Anne Freeman Gelispie Hallie James II Stephanie Yvonne Johnson *Mariann Joan Jordan Patricia Ann Kane Elizabeth Ellen Kerkering Kathleen Kerley †Susan C. Boman Lazicki Frances Ora Malinowski Ellyce Bebbs Miles Alice Frances Persons Julie Ann Saposnekoo Faye Shelley Snyder Mary Johnson Stephenson Diane Cecile Tardif John E. Veader, Jr. *Martha L. Walker †Susan Mae Wyne

College of Journalism

Bachelor of Science

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Melanie Carr Rubye Jacquelyn Corbitt Rita M. Foley Catherine Anne Hartz † James Kennedy Holwager Jo Ann Patton Michael Robert Saltarella Carolyn Maureena Spears † Lou Gehrig Swerda C. Kelly Wallace Carol Ann Zmuda

College of Physical Education, Recreation and Health

Bachelor of Science

Anne Elizabeth Barcus David Stewart Beard Leslie Guy Brimer tCarol Ann Bullock Ernes P Burkhart Gail Lillian Carpenter Patrick Michael Casev Elizabeth Anne Cheslosky Patricia Margaret Moore Coster John Charles Deardorff James Ralph Dunn Scott Parker Ellison Jan Vernene Erickson **Richard David Evans** Barbara Jean Garrott tJeanne Marie Haffner Sharon Anne Hoffmann Joyce Louise Humphrey tMichael Alan Jarboe tNancy McKim Jones Larry J. Lombardi Scott Charles Loomis **James Patrick Meyers** Arthur Reinhold Mielke Burke Dennis Mikulis Ellen Jo Ann Peters Sheila Lorraine Spears Themistocles George Theoharis Carolyn D, Twohig Joseph John Villella Lida-Marlaine Holly Witte

Division of Agricultural and Life Sciences

Bachelor of Science

Karl Edwin Adler Jr. Alan Todd Bradford †Peter Michael Corrado Sandra Kay Davidson *Lawrence Allen Donehower †Judith Diane Engleberg Anne Gray Finley *Linda Jean Flanigan Stanley Norman Friedman James Dell Fuller

Catherine Marie Gikas Arthur W. Hailer Kent Richard Hirsch Michael L. Keeliher Tristram Coffin Kruger Robert John McDonald Jr. Robert Edmond Morris Robin Linwood Newcomer Gregory Charles Ohlmacher Jane Michele Pitts James Charles Plock Janine Madeleine Ramsev Allan George Savage †Jonathan Robert Seeman John Michael Shellenberger Anna Cecelia Swift Emily Savage Thomas

Division of Arts and Humanities

Bachelor of Arts

Paul Thomas Ahearn Kathleen Anne Ambrose Timothy D. Arnold John L. Bane John H. Berkley Terri S. Bobb Dan Ivan Boor Charles David Brown *Arthur Thomas Burge Edwin Joseph Callahan Jr. David Bush Canby Michael Louis Cavalier †Dennis Bowman Cooper Sandra May Crawford Brian L. Dalgarno *Jean Lightfoot Dillard Adriane Joy Eiseman Laurence E, Everett Diana M. Rodríguez de Ferragut René Ricardo Ferragut Nancy Alice Fitzgerald Laurence S. Galvin Jr. Ernest Leroy Gardner, Jr. Lawrence Edward Hamilton Loren Thomas Herway Mark Charles Jarvis Lori Ann Kahl Ann Sara Katcef Anne Magdalen Killeen **Richard Joseph Kowal** Barbara Rabin Kristal Marylin Beth Larson Nora Angela Leaf Sandra Lillian Lee †Anthony Stephen Lombardo Monica Louise Longen

Karen Elizabeth Lovaas Vita Magos Stephen Lawrence Manuel Michael Edward Means George Contee Moore †Diane Patricia Munley Thomas McHugh Murphy Linda Louise Otto Wendy Kimball Pineles †Nedda Trene Pray Vicki Louise Price Thomas Joseph Ronavne *Kenneth B. Ross Daniel William Rouhier Mark George Sager Dale Esther Schrickling Gary Walter Schrock Bruce I, Schulman *Janice Bergman Schumacher Michael Bruce Schwartz Patricia Lee Sessions Sandra Sheridan Susan Gay Sheridan *Jane Marie Spradling *Nancy Sue Stratton James Linwood Strong Jr. Jean Carol Teuteberg Linda Marie Trezza Charles Michael Von Fremd †Verna Jean Wefald Robert Harrison Wickless Mary Christina Wood Arthur M. Wright Dorothea Maria Zitta

Division of Arts and Humanities

Bachelor of Music

†Ronald Edward Man Ellen Yoko Sakai

Division of Behavioral and Social Sciences

Bachelor of Arts

Barry Baile Adamson Robert Anthony Bloomfield Bruce Alan Blum Douglas Trowbridge Boller Claire Costello Bourdeau William Robert Brumbaugh Jr.

Acie Lee Bvrd, Jr. †Robert Earl Campbell *David Celeste Jr. t Jan Chervenak Michael Denis Collins Kevin Joseph Conrad Leo J. Coughlin Stephen Robert Cox Steven Alan Crumrine Marcia Lynne Crutchfield Stewart John Deavers Rona Rae Demb **Richard Roland Diamond** *Dennis Joseph Dolan Charles Francis Donnelly Robert Bruce Douglas **†Louise Foster Fitzgerald** Robert Wesley Frebertshauser Jr. Jatrice Martel Gaiter Charlotte Anne Gearin Robert Paul Gleeson *Ruth Gloger Zachary Stewart Gray *Gerald Mark Haram Wendell Allen Johnson II Legaunt Joseph Jones Coleen Marie Kelly James E. Kirk Raymond Joseph Kolarik *Marcus William Kostolich III George Andrew Krzywicki Mary Kathleen Kyne Nella Anne Launi *Pamela Ann Layman *Clare McManus Lebling Beverly Burdette Lerman Linda Lucille Levine Anthony Joseph Loratto Stephen Smith Lortie Harry King McAfee John M. McCullough †Cynthia Anne McGrory Mary Elizabeth McQuillan Marla Mendelson Leonarda Amelia Meyer Edward Charles Miller JoAnn M. Minor Francis Xavier Morgan Steven Earl Morton Gerald Bowen Mullikin Dixie Carol Newhouse Harriet Slingluff Palmer tWilliam Douglas Pence Daniel Alexander Perlman John Lee Pié Susan Florence Pirritano Mary Alice Pollard Frederick Douglas Ramseur Catherine JoAnne Reed Alan Gary Rodbell Diane Marie Ruddell James Louis Sanders

Cynthia Ellen Schellhase Raphael Lee Schwartz Edgar Eugene Seabolt Lisa Rebecca Seidenberg Michael Harry Serkes Jo Ann Sessions Jacqueline Ann Sheppard **†David Lawrence Shreve** George Ning Sun Soo Hoo **Yvonne Freund Stapp** †Patricia Marie Tana Mark Joseph Thalheimer Robert DeForrest Thomas *Nancy S. Tuck Douglas Paul Vandeven John Anthony Walsh Mary Belinda Whalen Paul Bergan Winters John Joseph Wright Robert Allen Zigler Barbara Ann Zlatin

Division of Behavioral and Social Sciences

Bachelor of Science

Karen Ann Befumo Edith Clarke Bickley Steven Francis Brown Carol A. Clancy *Margaret Beth Feinberg Paul L. Felsenfeld August Eugene Ghessie Hardy Cannon Grier, Jr. †Kathleen Lea Landers Joseph Mark Langlais *Thomas Hugh Lev James Eric Magness James Stanton Mattingly Jr. William Webb Moroney Jr. Gregory Barry Norris Kathryn Clara O'Connell William Earl Paxton **†Jon David Peters Diane Marilyn Shapiro †Barnett Dennis Shpritz** David R. Sinett John Robert Sloop Anne Joan Spinnler Michael R, Young William Dale Young Jr.

Sciences and Engineering

Bachelor of Science

Tim Dimitri Andreadis Emil Joseph Blassic Reginald Lavern Brown *Daniel Joseph Dougherty Jane Elizabeth Flowers Carol Crawford House Fred Leise Robert William Loewer Douglas Wayne Moye Henry August Sohn II Samuel Francis Strasbaugh Jeffrey Howard Sturman †Dale Michele Weinstein

General **Studies** Program

Bachelor of General Studies

Robert Lewis Alter Jr. Barbara Kay Bollard Edward Allyn Brault George Richard Buzzard †Catherine Hickey Calabrese Shelley Lynn Garretson Alfred Robert Guerieri Jr. Owen Marion Madsen Thomas Michael McAleer SaraJane Muir Jr. Mary Philomena Myrtle Michael Joseph Nesbit William Jerome Robrecht John Stephen Rothman Diane Kathleen Stout Howard LeRoy Turner

Division of Mathematical and Physical December 20, **Candidates** for 1974 Graduate School

The 1974 class roster is comprised of degree candidates from the undergraduate and graduate programs at the University's College Park Campus. 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 Registrations Office.

Students who have earned their degrees from the College of Education may obtain a Statement of Certificate Eligibility in the College of Education Records Office (Room 3201) until 4:30 p.m. today. Other students who have completed teacher education programs will receive their statements in the mail (separate from the diploma) upon verification of required coursework.

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

Doctor of Philosophy

- Britt L. Albritton Government and Politics: Weapons Development as Catalyst in Elite Transformation: The Case of the Soviet Military
- Erhan Alparslan Electrical Engineering: Structure of a p-adic Computer
- Earle Bartley Amey, III Chemical Engineering: Chlorination-Volatilization for Recovering Nickel, Maganese, and Cobalt from Refractory Nickel Ores
- Stephen J. Andriole Government and Politics: Public Policy Relevance and Contemporary Social Scientific Inquiry: The Case of Foreign Policy Analysis

- Steven W. Anschel Zoology: Functional Specificity of Vocalizations Elicited by Electrical Brain Stimulation in the Turkey (Meleagris gallopavo)
- Stephen Howard Armstrong Human Development: A Three-Dimensional Theory of Group Process in Adolescent Dyads
- Alan Aubrey Atchley Botany: The Genus Arrabidaea (Bignoniaceae)
- Sara Ayers Bagby Secondary Education: The Development and Validation of A Q-Sort Designed to Measure Flexibility in Prospective Home Economics Teachers
- William Robert Bandy Physics: A Tight-Binding Green's Function Formulation for Electron Tunneling
- Norman J. Berg Electrical Engineering: The Effects of Nuclear Radiation on Low Temperature Transport Properties of Epitaxially-Grown Gallium Arsenide
- Ranjan Kumar Bhowmik Physics: A Study of (p.2p) Reaction on Light Nuclei
- Robert Jonas Blatchlev Human Development: Personality Factors in Violent Behavior
- Forrest Michael Bonner Administration Supervision and Curriculum: Comparative Organizer Effectiveness in Televised Nine-Grade Social Studies
- Janet S. Brandon Human Development: The Relationship of Runaway Behavior in Adolescence to the Individual's Perceptions of Self, the Environment and Parental Antecedents
- Alice Perrin Brew **Counseling and Personnel Services:** Effects of a Counseling Workshop on Adult Women and Counselors
- Peter William Bruton History: The National Board of Health

Victor David Burns Psychology: A Confusability Model for the Detection and Recognition of Visual Stimuli Embedded in Multielement Displays

Dwight George Campbell Chemical Engineering: The Effects of Ethylene-Propylene Blocks Copolymers on Melt Blended Linear Polyethylene and Isotactic Polypropylene Polyblends

Jane Frances Careythe Observer's AbHuman Development: A Study of Disso-
nance in the Classroom Setting: Its Rela-
tionship to Teacher Job Satisfaction,
Student Achievement, and School Satis-
factionAffect, and Conte
ing SessionsStudent Achievement, and School Satis-
factionRobert Henry Davis
Electrical Engined

Barbara Goetschius Cashion Sociology: The Relationship Between Self-Esteem and Social Participation

Thyagaraja Chandrasekaran Chemical Engineering: Transport of Radiation-Induced Charge Carriers in Liquid Alkanes

Thomas Howard Chapman Counseling and Personnel Services: Simulation Game Effects on Attitudes Regarding Racism and Sexism

Sada Dolhinow Chernick Secondary Education: Investigation of the Role of Positive-Negative Instances and Total Number of Examples in Achievement, Recognition, and Transfer on a Concept Formation Task by Early Childhood-Elementary Educa-

tion Majors

Chester Francis Clark Chemical Engineering: Radiation-Induced Grafting of Hexafluoroacetone to Polyethylene

Charles A. Cody Chemistry: The Vibrational Spectroscopy of Some Alkali Trihydrogen Selenites

John G. Connell Entomology: Population Dynamics and Sampling Techniques for the Tobacco Flea Beetle on Maryland Tobacco

Charles Malcolm Cook History: The American Codification Movement: A Study of Antebellum Legal Reform Robert J. Corn Electrical Engineering: A Class of Point Process Games

Albert Clark Crambert Measurement and Statistics: Concepts and Issues in Criterion-Referenced Measurement

 John Joseph Dalton
 Life

 Counseling and Personnel Services:
 Audiotape vs. Videotape Observation:
 Virginia Burke Ford

 Comparative Study of their Effect on
 Human Developm

 the Observer's Ability to Hear Process,
 of the Selection F

 Affect, and Content Aspects of Counsel Treatment of Exping Sessions

obert Henry Davis Electrical Engineering: Synthesis of Steady-state Signal Components by an All Digital System

Francis Mary Deane Chemical Engineering: Synthesis of Optimal Programmable Control Policies for Lumped and Distributed Parameter Reactor Systems

Rodney O. Dillon Physics: Selected Electronic Properties of Graphite

Paul A. Domoto Horticulture: Effects of Interactions of Calcium, Potassium and Manganese Supply on 'Delicious' Apple Trees as Related to Internal Bark Necrosis

Jacqueline Dovel Driver Human Development: Personality Differences in the Elderly As a Function of Type and Length of Residence

Jeffrey B. Dunbar Elementary Education: An Investigation of the Relationship Between Teacher Verbal Behavior and Classroom Openness in Selected Primary Settings

Joyce Roberta Durham English: The City in Recent American Literature: Black on White

Jacqueline Bridewell Eig Special Education: An Exploratory Study of Orientation Effects upon Normal and Dysfunctional Children's Figure-Completion Ability at Two Grade Levels

Ermaleen B. Etter Elementary Education: Children's Performance on a Spatial Task and Sex and Physical Distance of the Examiner

Hans Eugene Feldmann English: The Function of Heresy in Modern Literature: Studies in the Major Fiction of Thomas Hardy, E. M. Forster, and D. H. Lawrence

Lawrence Webster Fielding Physical Education: Sport on the Road to Appomattox: The Shadows of Army Life

/irginia Burke Ford Human Development: An Investigation of the Selection Process and Drug Treatment of Explosively Aggressive Adolescent Females

Douglas Fyfe Fraser Zoology: Interactions between Salamanders of the Genus Plethodon in the Central Appalachians: Studies on Coexistence and Competition

Barbara Beers Fretz Secondary Education: Foreign Language Study and Evaluation Reactions to Spoken English and Spanish

Neil Emmett Gallagher Health Education: Student Interest, Cognitive Style and Instructional Methodology: A Study of the Effect of These Variables on Short and Long Term Memory of Health Education Materials

Ernest Scott Gladney Chemistry: Trace Element Emissions of Coal-Fired Power Plants: A Study of the Chalk Point Electric Generating Station

Robert Allan Glass Psychology: Adaptive Interactions between Photopic Mechanisms in Response to Chromatic Borders

Carl Martin Guelzo Economics: An Institutionalist Reconstruction of the Theory of the Firm

Frederick Harry Halvorsen Chemical Engineering: Linear Dynamics of the Hydrogenolyses of Butanes in an Adiabatic Fixed Bed Reactor

Alice R. Hammond Psychology: Playback Context, Trait-Anxiety Level and Sex in Audiotape Self-Confrontations

Leonard Stanley Haynes Electrical Engineering: The Architecture of an Algol 60 Computer Thomas Nelson Herzog Mathematics: Proposed Definitions of a Random Sequence: Their Set Relationships, Measures, Cardinalities, and Statistical Tests

Robert Keith Hinderer Entomology: A Comparative Study of Enzyme Activities and Cytochrome P-450 Levels of Various Tissues of the Rat and Japanese Ouail with Respect to their Metabolism of Several Pesticides

Kuo-hsiung Ho Human Development: An Exploratory Study of Spatial Dimensionality Across Two Ethnic Groups

David Alan Hopfer Horticulture: The Effect of Calcium, Manganese, Rootstock, and Interstock on Nutrient Uptake and Translocation in Apple Trees

Ming Teh Hsu Nuclear Engineering: Analytical Solutions of the Two-Vector Boltzmann Equation In Nonplanar Geometries

John York Humber Food Science: Immunoelectrophoretic Detection of Staphylococeal Enterotoxin A in Pork, Beef, Chicken, and Turkey Broths

Harold David Jenkins Government and Politics: Correlates of Anti-Poverty Agency Effectiveness

Robert Emile Joseph Electrical Engineering: Analysis and Implementation of Interval Number Computation and Estimation Processes

David Victor Kalbaugh Electrical Engineering: Optimal Search Trajectories

Anthony Richard Kalica Microbiology: Electron Microscopic Studies with Respiratory Syncytial Virus Temperature-Sensitive (ts) Mutants

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Bachelor of Science

Stephen H. Adamo Theodore George Adams, Jr. Michael Frank Allen William R. Allen William Edward Ammenhauser

Bruce Richard Anthony tDonna Marie Apple Edward Louis Bailor Gary Bowden Baxley Michael Andrew Bell Salvatore Richard Belmonte Richard Alan Benedick †Robert Ernest Benefiel, Jr. James Benjamin Christopher L. Berbert David A. Bergner Nathan Bergstein tJohn Joachim Blanchard Kenneth Jan Bokar Frank Samuel Bondroff †James Lawrence Bort Lambert Gittings Boyce, Jr. *Ridgely Ellwood Bover Martin Howard Brasse Baird Curtis Brookhart, Jr. Kenneth Gordon Brown **†Robert Samuel Brown** Gary Anthony Brunetti Alfio Bruno Thomas William Buck Harmon Lee Bullard Michelee Camer John Robert Cannon Kevin Christopher Carlin Thomas Andrew Celentano Robert William Cella Stephen Mark Christmas Ligita Cirulis Brian Albert Cleary Michael Verlie Cody Walter Gene Cohn William R. Collier, Jr. Michael Marvin Conner William Michael Costa John Vincent Cuff Michael Clark Cunningham John Stephen Curtin Alan Richard Dadourian Thomas Edward Dailey Michael Allan Damberg John Stephen Dammon **Richard Allan Darsa** Michael Alan Dering Steven Griffith Dick tJames Thomas Donovan Jeffrey Matthews Doxzon Thomas William Dovle Adrian Lawrance Druzgala †Steve Dubin John Stewart Eby Robert Waite Elliott, III †Janet Lee Farrar Robert Glenn Fasick, Jr. William Holt Featherstone Gary Irwin Feren Jerald Michael Foarde William Francis Fox tSandra Irene Gaal James Larry Galey Russell Craig Garvey John Gregory George

John Thomas Gibala Gary Frank Gittleson Samuel Francis Goble Joseph Edward Godridge, III **Richard Leo Gonzales** Carl F. Goodwin Suszn-Xavier Grahn Mark Douglas Grant Ronald Wayne Grant Donald Rave Graves George Joseph Grillo Chester Joseph Grynaviski, Jr. Walter Francis Hannan Suzann Marie Hardenstine David Bruce Hartman †Alexander Andre Hassani David Joseph Havelka **Bichard Dennis Helm** Thomas Patrick Hennegan Joseph H. Hensley Thomas Albert Herlihy Timothy Lee Hinson Douglas Johnathon Hollobaugh Robert Arthur Hosinski Robert Monte Hoyt Jerome Francis Kecken David Keyman Douglas Andrew Knoche Gregory Jonathan Kokoska Zeev Korman Robert Casimir Krolicki Donna Jeanne Reierson Lane Khanh Quang Le *James William Leach, III Joan Ellen Leanos Robert Earl Lerch **Raymond Bernard Lessans David William Lewis** William Eric Lewis Steven Craig Lipovsky Danity Margo R. Little Darryl Jeffrey London Richard George Loutsch Michael MacCarthy Donna Murray Mack Robert J. Madden, Jr. Steven Frederick Madeoy Brian Charles Mahoney Robert Wayne Maillet *Linda Gail Markham Steven Gregory Marks Stephen Henry Mattutat Glenn Francis McAvoy y *Jeanne Marie McCarthy Ronald Lee Messenheimer Donald Clyde Michael Emma L. Middleton Michael Joseph Monaco George Moy, Jr. Dorian Edward Mullar William John Murphy **†**Richard Thomas Needham John Patrick Nesline Edward Alexander Neuwirth *Peter Joseph Newman Gregory Albert Nichols

Stella Alva Nobilio Jill Ann Nydegger Daniel Edward O'Berry Michael Thomas O'Brien Michael John O'Connell Mark E. Oleksik Eugene V. O'Neill Claude W. Owen, III Wayne Martin Parker Ira Bruce Pearlman Spero Peratino *Howard Leslie Perlow Robert Knowlton Perry Melville Edward Peters George William Peterson Clare Louisa Pettey Charles Ellwood Posey Steven William Pullen Matthew William Quade, Jr. *Stephen David Rabbitt †David Charles Ratajski John Philip Riley *Barbara Inez Roberts Luke J. Robinson †David Ruben Rodriguez James Alexander Rosie Stephen Alan Runvard Bernard Wolfe Salamon Ralph Enrico Salierno Dennis Michael Scott **Timothy Paul Sebastian** John I. Seek John Henry Sefren Gregory Lee Shannon *James Frederick Siegel William Paul Siko William Alan Simms Jay Arthur Sinsabaugh Donald Edward Smith Wayne Allen Sody †Theresa Doris Spearman Michael Stern Francis Xavier Stevenson Robert Allen Stover † John Stanley Sybor Jalil Taghavi Julio Cecil Trigo Alvin Turner Frank C. Vollmerhausen David Michael Walczak †Alan Stuart Waldenberg Scott Bennett Wallace Mary Christine Walter **Robert Jeffery Walters** William Frederick Watchorn †Brian Grayson West Winfred Clyde Wilcoxan Ernest Carl Williams William Arthur Williams, III Thomas Gary Wilson †Steven Allen Winsor Edna Kay Wong James Michael Wynne Dimitrios A. Zafiris *Burton P Zimmerman Beverly Barbara Ziner **Donald James Zuidema**

College of Business and Public Administration

Bachelor of Science

Marilyn Collins Baldwin Michael Mark Bartel Corey Hatcher Branch Dan William Clink, Jr. Suzana Nägele deCompos Gregory Scott Dreoege Billy Randal Evans Sidney Arnold Katz Gail Aleathea Morton Sharreth Ann Naugle Paul Linden Redd Byron Robert Renner **Ronald William Ritchie** Charles Wayne Rodgers Talmage Eugene Simpkins, Jr. † Ruth M, Slade **†Thurman Donald Solomon** Charles Ira Taslitt Brian Craig Thorne Davis John Tomasin Imants Vanags Steven Charles Weisman Gary Steven Williams Harry Raymont Zeigler

College of Education

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

Bachelor of Arts

Maureen Carol Agar †Judith Suzanne Agee Pamela Michaels Aspiazu Jeanne Crane Bergner Rachael DeVita Brumsted Dale Victor Chew Rose Eileen Dooley Gail Marie Duncan Kathleen Rose Fahrner Alan S. Goodwin Patricia Ann Greenwell James M. Harrison, Jr. Ronald Clyde Heflin

Rosalyn Mae Jaffe Mary Ryan Joyce Cynthia Beryl Kleinman Nadine Helen Levitt Gertrude Ann Lyles Antonio Magrí Jeanne Wallace McKinnon Dana Christopher Merrill Joanne Eileen Mitchell **†Rosanna Winston Moore** Virginia Kelly Muller Sheila Marie Murray Gloria Ivette Norat †Gail Elizabeth Remsberg Beth Ellen Richard Karen Etaine Shaw Charles Henry Sleichter Cecelia Rose Smith Molly Gilbert Spencer **†Maurice Damian Sullivan** Martha Laverna Summers Brian Jon Wendrich Karen Enix Wheeler Ronnie Steven Wolff

College of Education

Bachelor of Science

Patti Jean Absher *Victoria Lvn Allen Sharon Virginia Baily tHoni Joyce Bamberger James Douglas Barnette Susan Jean Baum Marquerite Patricia Bausch *Deborah Anne Bergquist Lynn Victoria Berman Carolyn Clapper Berngartt Barbara Jo Berry Martha Fulton Beshers Carol A. Betz Helen Margaret Beyers Judy Ann Bilberry tRoseann Mary Bivona Brady Francis Blade Sheri Lynn Blum Claudia Fay Bogley Alice Palmisano Bone Paulette Frances Bowes Robert David Boyar **†Betty Willis Brackman** Kenneth John Bradshaw Sima Marcy Breiterman **Thomas Martin Brent** Diane Leray Briscoe Debra P. Brodsky Willma P. Bross Eugene Brown Howard Galen Brown James B. Buckingham John Michael Burley Mary C. Butler

Clare Elizabeth Carey Brenda Deborah Carter Kathryn Janice Chappelear Anne Elizabeth Chipchin Dorothea Leanora Choper James Edward Clark Jonathan Hall Clarke Bettye Lou Coleman Mary Elizabeth Colister Scott Collier Charles Edwin Conner, III *Amy Christine Cosby Helen Anne Critchley Colleen April Crump *Sharon Louann Dean Defores Elizabeth Dearing Gary Paschal Delano Sandra J. DeLuca Marcia Louise DeMatteis Mary Gillis Diamandis Rudolph Stephen DiCocco Barbara M. DiMasso Shirley Anne DuVall tSusan Rachel Dworsky †Marilyn Dykton Eric E. Ebaugh Lowrie Childs Ebbert Garv E. Eddev Cheryl Helene Eisenach Dotores Mariana Gill Erickson Martha Ruth Esaias Janet Marie Farrior **Bonald Richard Fasso** Judith Ann Fegan *Rochelle Paula Feldman †Anita Jane Dineen Ferreri Rosalind Rozella Fields Joyce Elaine Fisher Margaret Flora Folio Rosemary Glasgow Ford Michael Craig Forte t Linda Faye Foster Pamela Karen Fountain Sherry Ann Fowler Beverly Jean Francisco †Mary A. Frankhauser Gail Karen Friedman Ellen Geri Garfinkle Howard Paul Giberman Andrea Gilrov Bonnie Suzanne Goden Susan Armstrong Goglia Lois Dee Goldfarb Margaret Leslie Graber Janis Lynne Gralnick **Barbara Christine Graves** Johana Gray Kathryn Anne Gray Malinda Burket Gray Hene Susan Greenspan Anne Marie Griffin Michael Harris Griffin *Shelley Hope Gugig Janice Marie Guinan James Frederick Haber Paula Evelyn Half **†**Ruth Ann Hardestv

Nancy Jeanne Hartge James Sterling Harvison Gretchen Alexis Haubner Robin Keller Haupt Deborah Lynn Herman Gilbert Lewis Herman Ronny Gene Herria Teri Lynn Hershberg Sherry Stephenson Hickley *Cynthia Lee Hoffman †Judith Ann Hoffman Linda Susan Holden tJudith Anne Holt Daniel Anderson Hunt, Jr. †Martha Lynn Innocenti David H. Jaskulsky Nancy A. Jenkins *Jill Irene Johnson Eleanor Beth Johnston Connie Jane Jones Linda Marie Karter Kathryn Cheryl Keehner Martha Reuschlein Kemp Karen Leslie Klompus *Gene Paul Klopf Paul Mark Kratchman Davida Gail Lane Deborah June Lang Robert Wesley Lathroum Helen W. Law Diane L. Newman Leatherman *Florence Krinsky Lederman Evelyn D. Lewis [•]Suzanne Denise Li Laura Sue Linton Thomas Robert Littlejohn Kurt Lawrence Lucas Cynthia Doreen Ludington *Dawn Simas Maggio Kathleen Nadia Maguire Christine Carol Mahn Michaela Roberta Martin *Deborah Sue Marx *David Gresham Mason *James Robert Mathes Ellen Louise Mattes †Patricia Varan Matuskey *Sheri Lee Maydwell Theda Ann Mayer Mary Josephine McDermott Bonita Boltz McElyea Hugh James McGregor Steven McLaughlin Robert Eugene McNey Ratph Edward Meadows Hope Michaelson Brenda Workman Miller *Marjorie Date Miller Diane Michelle Morgan Mary Anne Morris Susan Morrison **†Colleen Lucille Mount** Pamela Louise Mountjoy William Robert Muth *Renee Carol Negin Terri Susan Niland **Dorothy Michele Novick** Carol Ann Offenbacher

Mary Mercedes Olmert †Vincent Joseph Parada Rosalee Delores Parker Lynn Susan Parrish JoEllen Parsons Amy Deremer Paul George M. Payne † Friedel U. Perschy Mary Katherine Peterson Karen Marie Petrakis Lori Lorraine Pinkey Shirley Carol Penny Pleet Thomas Gary Pless Irene Roseanne Potosky Valerie A. Potter Kathy Lee Purisch Eileen Virginia Quinn tLinda F. Reinach Carol Jean Reuben Rosa Lynn Rivera Gary Stuart Robertson **Daniel Richard Rodgers** Thomas Richard Roland Elizabeth Nan Rosen Mary Martha Rowe Ann Graham Ruddy tNancy Lehman Ryan Larry Patrick Salcedo Patricia Ann Sartori Joan Laurette Savary Gail G. Schaumberg Janet M. Schindler Jacob Samuel Sclar Charles Watson Scott t Clare Elaine Secker Janet Anne Seibolt †Margaret Anne Selke Mary Kim Sexton Judy Gayle Shanley Audrey Irene Shapiro Joanna Lynn Sheets Gloria A, Simmons Joseph Norman Smith *Marcia Ann Smith Nancy Ross Smith **†Janice Leigh Snipes** Carol Ann Sobnosky Joan E. Sossen Gilda D'Ambrosi Spear Arlene Joyce Spielman Bruce Portwood Spranklin Edmund Thomas Stabler Vincenza Ann Stamilio Debra Lynn Steinbach Theodore Drummond Sterne *George Ernest Stone *Linda Vleck Stone *Bonnie Jean Suter Stoner *Carla Jean Sturgis Gail Jacqueline Summers Steven Charles Theodore Anne Duncan Thomas Paul L. Thomas Roy David Thomas, Jr. *Vicki Rona Ugel Nancy Lee VanCourt Doris Virginia Vanek

Thomas Barry Vaughan, Jr. Linda Marie Venier Leanne Denise Verber *Barbara Louise Victor Judith Zwirn Voelske Mary Christine Wade Eugene Wallace tColleen Lindsay Walsh Pamela Louise Equi Wanveer Nancy Jean Ward Christine Ellen Weber David Mason Webster Robin Joan Wendell Pamela Lee White *Patti Smith Whitmore Kevin J. Wiedel Wendall Griffith Wier Judith Ball Wigglesworth Deborah Lee Wilkinson Edward Gary Williams Kathryn Cook Wilson *Patricia Anne Winn Dara Jeanne Wooton Constance Ione Wright Christopher Allen Yates Lynne Marsha Yavener Ronnie Gail Yeskel Deborah A. Young *Michael Henry Yourishin Joan Phyllis Zelubowski Daniel David Zimmerman, II

College of Engineering

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

ME-

(3 women) Bachelor of Science

Farrokh Abrishamkar *Khosrow Ahdoot Hossein Aminiavaheri Alan Karl Arnold Thom James Baron -John James Bednarczyk Kenneth Robert Bell Darl Jerry Bolyard Charles Eugene Bornman Steven Edward Bradshaw John Henry Burdette, Jr. Thomas David Burton Richard A. Caldwell Douglas Paul Carlson William Michael Carnes *David Estel Cobb Vincent Thomas Cogliano James Patrick Collins, III Michael Lee Cooper Clarence Edward Copley, Jr. Thomas Cordara Jacques R. Courtillet Drew D. Cummings DAVID W Christiansen

Robert Borden DeWolf, II Michael Winton Dingman "Michael Gerard Dobrzykowski Joel I. Dumont John A, Elgert George Thomas Elliott, Jr. Michael Harold Evans Louis C. Fiorucci, Jr. David H. Foo Gary Anthony Frazier *James Edward Gast Robert Garrett Grim tGuy Saint Clair Hammer, II * Ralph Norman Harrington Francis Bradford Haughey - Millard Thomas Homa **†Robert Leland Higginbotham**

Gary P. Hoffman Garry West Horton Steven Bruce Hosford C. Jeffery Hudgins Gary David Hughes Kenneth Craig Jacobs Richard P. Judson Avdesh Kaushiya Brian Augustine Kelley Mohammad Amir Khan Keith Robert Kirschnick Donald J. Kozlowski

Homes Stanley Kukle

Joseph Henry Laco **Orin Eugene Laney** Ronne Thomas Larson James Edward Lauriat John Raymond Lawrence Gordon Lee Lushbaugh, Jr. Russell Carroll Lynch, Jr. **†Howard Michael Markman** -Donald Eugene Marstrall

*Thomas Leroy Martin David James Mathis Robert Gary Mauler Ronald Powell Mazcko Thomas Myers McLeod **†Habib Ebrahim Merchant** Bryant Owen Mercil Thomas Albert Morgan Luke Stewart Morrison 🔆 Rebecca E. Munroe 22 Larry Edward Newman **Clarence Bakhong Ng** †Žarko Novarković Renny Louise Otte -Paul Stewart Polmiter-Charles William Parks **Richard Dix Parks** Girish B. Patel William Todd Pr Jesse McCoy Plater Gerard Edward Poiter Nelson Chi-Hong Poon Charles Russell Quandt, Jr.

Steven Douglas Radcliff Leslie Paquita Salgado Tamayo Laurence James Sauter, Jr. Michael Allen Schehlein

Dale Schnepf t Charles Patrick Shuster Thomas Skrovanek Dale Smith **David Tracey Speargas** Charles H. Spittel John Theodore Tatum *Mahmod Molai Tehrani Dale Herbert Thompson Mark Douglas Troutman Charles Ronald Turner Gregory Stephen Veraa David Wayne Walser Peter Alexander Warth Steven Allen Weber Paul Ronald Wettlaufer † Jerome Hayes Whelan 🔆 Miriam Winder

Walter Ralph Wisner, Jr. Wayne Ellsworth Wissinger Grant Edward Woodside, III

College of Ecology

Candidates will be presented by Dr. Elizabeth W. Brabble, Acting Dean of the College

Bachelor of Science

Brenda Jo Akers Margaret Spencer Allen Theodore Fouad Ayoub Michael Patrick Barnes Lee Anne Blasecki Sarah Jane Carl Carlson Wood Carter Barbara Ann Chandler Charlene Tobey Connor Chervl Iris Corbett Nivin C. Cranford Nancy Susan Dall'Acqua Jean Frances de Cheubel Barbara Louise Draper †Miriam Fay Dubin Christine A. Erickson Ruth Neely Erl Gerald Bryant Fink Karen Lynn Fullem Wendy Ellen Golanty Sandra Madeline Gold Joan Michelle Goslin Bonnie Faye Greene *Janis Ruth Harvey Lynne Cheryl Hicks Jane Beck Higgins Robert Carter Hogensen Debra S. Holloway ^{*}Dorothy Brooke Hopkins Judith de Simon Ingorvate Karen Theresa Jeffries Mona Sue Kalkstein

Susan Kauder Alyce Marla Kobin *June Marie Lawson Linda Lee Ann E. Little Arie Leon Mangrum, III Deborah Lenore Merchant McKerrow Lou Ellen Meadows Ellen Frances Measell † Flora M. Millstein Georgia Gay Murray Linda DeAngelis Powell Sylvia Joan Reanrungroch Dorothy Elizabeth Rieman Patricia Anne Rosenblatt Josephine A. Russo *Mary Lee Rynties Nancy Elise Sandvick *Pauline Victoria Sealey Yahooda K. Shahery Sandra Ann Sites *Susan Elizabeth Spada Inge B. Stocklin Diana Stone **†Anne Kathleen Stratton** Mabel DeLois Strum Peter Seth Wantuch *June S. Watzman Janet Lynn Westfall †Jeannette Sautters Wiley Martha Mary Williamson David Michael Zahorchak Elizabeth Ann Zando tSue Ellen Zippel

College of Journalis

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

Bachelor of Science

tinez Elizabeth Connor Karen Elizabeth Croson **†Denice Lee Darrow** Ronald DeCicco Daniel Harvey Elstein Randolph Ralph Farmer Grace Elizabeth Foster Barbara Felice Goldstein tMark N. Kernis Susan Terry Levitan Robin Anne Liebermann David Laurence Marker Peter Charles Mekeel Thomas Patrick Mulrooney, Jr. Thomas Irving Price C. David Rambo *Deborah Anne Robey *Susan Amy Silver Paul Stanley Smith Louise Ann Snyder Alice Jane Strees

College of Physical Education. Recreation and Health

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

Bachelor of Science

Stephanie Randall Andrews tBarbara Gale Arm Jan Leslie Bailey Janet Morton Beran Janelle G. Boisvert Robert Allan Burgner Dwight Berle Craft **Barry Preston DeMaris** Frances Ruth Dickie Laurie Ann Donnelly Charlene Marie Fischer *Ronald Louis Fochett Kathryn Snow Forbes Janis Mary Ford James Stephen Foster Janice Carol Friedman Mary-Ellen Martha Gaines Timothy Michael Galloway t Elizabeth Olleen Gibbs **†Kristina Gilbertson** Shirley Lorraine Harmsen Steven Robert Hessberg Marea Scott Hogan tSara Ann Hollcroft Hope Mona Lisa Jackson Madalyn Elizabeth Johns Aaron Frederick Johnson Theresa Ann Kang Risa Ellen Katz Jon Robert Kuntz Steven Levenson Chris Ballou Lillie Marcia Bonnie Litt *Mary Christine MacAskill *Harold V. Macht Tiina Felicia Mägi Dominick A. Mattessich Kathleen Maxey Janet Lea McIntire Helene Karen Mitkoff Delorise Morgan Russell Lee Morrison Mary Wedding Moses * Linda Jane Mueller Kathleen Anna Newton Lynn Marie Nichols Gary Alan Orcutt George Paul Rogala t Mary Jean Schaible Eileen Caryn Scholar **Donna Lee Schreiner** James Edward Sheehan

Jeanne Reed Sheeley Jane Ellen Sheetenhelm Charles Frederick Shilling Karen Wolcott Toll Jacalyn Lucy Torres Nita Louise Van Fosson tJohn Frank Viqueira Stephen Carr Wernle *Jane Mary Whalen Margaret Ann Williams Linda Ann Zimmerman

Division of Agricultural and Life Sciences

Candidates will be presented by Dr. Francis C. Stark, Provost of the Division

Bachelor of Science

Oluwafemi Tajudeen Abudu Steven Mark Albert Lorraine A. Onofrey Alt David Wavne Asche Federico Alberto Astiz David Elven Baker Patricia Hart Baker George N. Beltran †David Alan Blass Arthur Alan Blum Michael Fitzgerald Boyle Stanley Walter Breakiron Joseph Patrick Brennan John Ludwig Chapman Gregory Paul Chinn Joseph M. Cirri Barbara Clack Linda Colleen Cobb Joseph Dale Curtis John Braxton Davidson Jerrold | Davis *Thomas Charles Dawson t Michael Edward Delaney Norma Jean DeLauder Gary Louis Diamond **Robert James Duggins** George Walter Earle III Susan Lynn Eisenberg Janet Eileen Faber Mark Gregory Fairchild Nancy Ellen Faust Virginia Grove Galliher James J. Germida Susan Carol Glowacki Timothy Rader Goertemiller Dennis Neal Green Roy Lawrence Greenbaum E. Michael Greene tCharlene Rae Hall

Jeanne Carol Hamme Edward Curtis Hammer Thomas Michael Hanley Yoopyo Hong **Diane Duval Hopkins** Gary Paul Jones Peter Roland Kahla Andrea Ruth Kaminski t Thomas Edward Keefer William Stanley Kirk Ronald Gregory Kolakowski Kit Man Stella Lam Michael Harry Lasher Robert Wayne Lehmkuhl *Arthur Frederick Lembke Jr. tRoy Clifford Levitt John Martin Long Reginald Bernard Lovelace James Michael MacConnell *Nancy Patricia McGuigan Joseph David Mickesh Jr. **Russell George Miller** James Alan Murtaugh Debra Gay Nixon tEdwin Victor Oaks Dennis Michael O'Neil Lura Jeanne Somner Oravec Robert Neil Ortlani t Raiendra Manubhai Patel James Edward Pecor Antonio Pinero Rhonda Joyce Rollins Sherril Lvnn Ross Danton E. Rowett Mary Jo Kathryn Ruppert George Frederick Russell III Dennis Blair Saluter Katherine Marie Sanzaro *Paul Gregory Schruben †Anthony Michael Scialdone **Diane Heather Sherry** Mark Wiley Sherwood Ralph Wayne Shober Jr. Theresa Jacque Smith Glenn Patrick Stahly Robert Nelson Stalker **Donald Braxton Stanley** Meryl Amy Stern Olga Regina Stewart Guy Holmeade Talbott III †Marilyn Lorraine Taub John Joseph Thaler *Luther Tucker Jr. Malcolm Frederick Uhl Jr. Herbert Wechsler Billie Lee Wells Gary Raymond Will *Erik Brian Young

Division of Arts and Humanities

Candidates will be presented by Dr. Robert Corrigan, Provost of the Division

Bachelor of Arts

Harry Costas Adams Steven William Allen Dieter Altmann Mark Alan Amtower Stephen Randolph Barclay Catherine Gail Barnes Stanford Bennett Barouh Thomas A. Bartolomeo Marianne Battistone Sherrie Eileen Belack Charles Lynwood Belbin Martha L. Bellas *Robert Edward Beloten Aaron Chaim Bigman Alice Ann Bixiones Raymond Oscar Blummer III †Pamela Leigh Bohrer George Christopher Bonifant Virginia Woodruff Bowen Karen Patricia Bowie Tina Rae Boyer Kevin Cecil Brady Joseph Albert Brancato Jr. *Janet Lynn Brennan Jeffrey Brenner Denise Christine Brindamour John Christopher Broullire *Carolyn Winthrop Brown Dana Elizabeth Brown Karen Gail Brown Nancy J. Bauer Broyhill Michael Joseph Buscher Anthony James Calabrese David Gilbert Calkins Wayne Pietro Cave Concetta Cicala Patrick Leslie Clark Thomas Joseph Clark Jr. Christine Ann Clarke Alice Ann Cleary Virginia Marie Colao Patricia Maria Connors John Randall Cournoyer Ronald Crocheron *Maria K. Crowder Diane Lynn Dempewolf John Charles Dempsey Judity Hene Disman Diane Jacqueline Divola Cheryl Evalyn Doms †Garrick Storm Dowhen *Doris Farrar Droke Michael Duff Nancee Irene Edsall Denise Theresa Elliott

Mary Radovich Freeman Steven Alan Gainey Peter Dimitriovitch Galitzin Laura Eve Garten Felix Gonzalez Marina Josephine Gonzalez Jill Ellen Goodman Leslie Ann Gottschalk Mary Beth Gouled David Martin Green Ellen B. Grodjesk Mary Eule Guerra Elizabeth A. Hanley Clare Maureen Harig Paul Harrison Mary Jo Hedley-Hoffman Patricia Mager Hess Karen Sue Hesse †Barbara Rykken Hill Wayne Walter Hill Barbara Ann Holl **†Christine Anne Holmlund Richard Joseph Horman** John Joseph Hughes †Joseph Brooks Hunt Mary M. Ison t Jeanne Blanche Jacobs Dennis Charles James Gerald Leon Jeffords Peter David Jermann Barney Washington Jones Jr. Dale Sandra Kane Patricia A. Kenney John Joseph Kenty Eugenia SunHee Kim Cheryl Meri Korman Meta Lagerwerff Michele Lane Alice Jean Langan Deborah R. Lapidus William Robert Lazarus Donna Regina Leonard *Deborah Rimmer Leser Terry S. Lindstrand Susan Linda Mall Margarita Malonev Dane J. Martindell Danielle Sydne Matland *Paul Hindman McAfee Margaret Ann McCloud Dennis Orin McGee Dan Stephen McQuain †Helga Jellinghaus Meisner Francis Vansant Milner Jr. *Katherine Louise Molesky Allan Paul Morris **Richard Llewellyn Mott** Steve Robert Nadell James Howard Nathanson Mary Elizabeth O'Neil Gerard J. Pagliari Raymond Charles Park Andrew Hunter Parkinson Denise Laverne Patterson Sharon Kay Phillips Marc H. Platt John Robert Powers

Ira Feldman

David Byrd Priest Michael Anderson Queen John David Quinn *Kav Rader Denise Marie Rechter Lois Ann Reid John Machen Rice †Almuth Elisabeth Riggs Bonnie Black Robb **Richard Payne Roberts** Susan Beth Rosenberg Mark Rothkopf Cheryl Jocelyn Rudert Romas Sakadolskis Karin Toby Schach William Gray Schauffler IV Ellis Samuel Schlossenberg Robert Jay Schwabacher †Catherine Reese Schwob Margaret Ann Sears Thomas Lee Sherlock Aileen Marie Shores Mauria Joan Shulman James Edward Slack *Patricia Lynn Slack Elizabeth Hess Smith **Timothy Alan Smith** Michael D. Soifer David Robert Solomon *Carolyn Spellun †Paula Ann C. Spero David Mark Spiegel Diane Lee Stelzner Nancy G. Sterne †Rhonda Reis Strickland *Gregory Steven Strong Martha May Sturgis Robin Randolph Talbott Monica Sarah Theis Michael Paul Tierney Philip Ludlow Van Deventer **Richard Hugh Waalkes** *Mary Horton Waldron †James Michael Ward Stephen Paul Ward †Sue Ann Waterman **Richard Ira Watter** Daniel V. Wise †Julia Ann York †Monica Leggo Young

Division of Arts and Humanities

Bachelor of Music Craig Douglass Cocharo Keith Allan Fleming Christopher Joseph Mauro *David Joseph Pothier

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

Bachelor of Arts Jorge David Accame Alan Adkins Leo Enrique Albornoz Robert Howard Allen III Sherry Lynn Altman Carmela M. Amelio Alexander Victor Andreeff John Nelson Arbuckle George Frank Ko Jo Arthur James William Axon †Gregory Curtis Bannon Mary Baras Michael Grodsky Bass Steven Ronald Bass Katherine Keith Bedford Charles Michael Campanella Bell Patricia Anne Bender Lucille Pacy Benson †Sara Louise Bergdolt Louis Berman **Regina Betts** Patti Diane Bishop Lisa Anne Blake Craig Luther Blemly Patrick Francis Bogan tMichael Louis Bollini James Michael Booros Rutlage Brian Brazee William Anthony Brooks Carolyn Dolores Brown *James Alan Brown Jr. John Joseph Buckley []] Karen Rita Buckley Karen Beth Burd Ruth Lois Burstein Gustavo G. Caballero Lawrence Barth Calder Sally Frances Cannon t Ronald Scott Canter Mary Jean Carney Kimberly Ann Cassidy Louis Nicholas Chaconas **†Shelley Chapnick** Patricia Ann Chappell Tim Kay Childs Stephen L. Christianson Barbara Susan Clark Barbara B. Clemens James Ross Clinchy Harriet Judith Cohen Avis Edna Collins *Susan DeLane Commons Barbara Weigel Comoglio Charlene Tobey Connor Margaret Lamotte Connor *Charles Craig Conway

Curtis Charles Coon Robert Illario Cozzi Ramiro E, Crespo Mark Aloysius Cullen Walter Nathaniel Davenport Jr. [†]Laurie Christine Dietz Silvia Ines D'Jaen †Patrick Charles Drury Joan L. Dudley tGregory Richard Du Four Joan Michele Duke Harry Newton Dunton III Timothy Joseph Dwyer Leslie Joyce Edelhoch John P. Ehrlich Louis Nicholas Eliopulos John Philip Enterline Donzella Évans John Howard Evans Jr. James Franklin Farr t John Fellows *Diane Maria Fieldhouse Jerome Francis Finn Michael Joseph Finnin Charles Joseph Fitzsimmons Jr. Archie Wilson Fleming Jr. Scott Raymond Foncannon John Mark Forsyth *David Butler Freeman Karen Louise French Matthew F, Fritsch Jill Mary Gaffney Pearl Lee Gaister Thomas William Gardella Thomas Daniel Gillespie William Alexander Glisson John J. Glvnn Neal Leonard Gold Sue Ellen Goldstein Roberta Phyllis Gorinson Stuart Howard Greenberg Kathryn L. Gross *Jean Marie Hacken **Diane Lucille Haines** *Robert J. Hamerhoff *Laurie B. Hanig Mark Donald Hanna R. Fulton Hannan *Steven Don Harrington Sharon Earlene Havnie James Frederick Hean Jo Ann Patricia Henry Edward Lee Hepler Violet Lucille Hicks Gabrielle Ann Hildebrand Wendy Than Hlaing Steven Marc Hollander Marion Corenda Houston Joseph John Jacono Linda Elaine Irev Ruth Ann Ishmael Lorraine Donna Jacques Clonnie Vasco Johnson III Craig Wayne Johnson Jean Elizabeth Johnson Cheryl Janece Jones

Linda Frances Katz Hubert C. Kawaters *Michael Joseph Keane Jeffrey Charles Kelchner James Anthony Kendrick Robert Joseph Kennedy Chester Lyman Kingsbury Donna Lee Kingsbury Mark Kenneth Kleinsorge Leonard Alan Kola Francis Roman Kownacki Jr. Katherine Renee Kuzemka Edward John Larson Jr. Merrill Edward Lavton Linda Sue Lee James Andrew Lesnick James Andrew Link Walter Richardson Loope Jay Dwight Lord Franz Ludecke Stephen Philip Luginbill Donna Segraves Lyles James Thomas Malonev Joel Howard Marcus Deanna Eugenia Marlow Karen Jane Marsh George G. Martz Jay Paul Mattos Thomas Randall McInvale Brian McManus Marsha Ellen Merrick John Van Cleve Mever Theodore William Michel William Rodney Miles Harry Thomas Miller Jr. Jeanette Delores Miller *Lynn Marcia Miller Linda Lee Mitchell Barbara Jean Moffett *Mariene Mary Montague Barbara Seammen Moon Joseph Alan Munzer Ronald Patrick Neilson **Boyd Taylor Nelson David James Newson** Terry Elaine Northcutt Neil Joseph O'Connor Lisa Diane Ostrow Thomas Ray Paris Steven Thomas Patterson **Ruth Anne Pelfrev** tRhonda Sue Perlman Laurence Barton Peters Marilyn Diane Peterson Concetta Maria Pirrone Barbara Gail Postelnek Arthur William Powell Jr. Terri E. Powell Beverly H. Preisser †Meredith Carlson Prior Frederic Judd Puhan **Richard Francis Quinn** Mary Kathleen Quirk Pamela Anne Rains *Debra Anne Rodriguez Christofer Allan Roman Donna Anne Rothermel

Marjorie Evelyn Rowe Paul David Rubenstein Garv Allen Rush Herbert Walton Rutledge III Stephen E. Saling †Jesse Sandoval Keith Durand Savard Paula Louise Schlosser Debbie Ann Schwartz *Melissa Gina Schwartz Michael Richard Schwartz †Sidney Howard Schwarz Henry W. Scott Robert Matthew Scott Arlyn Harriet Sharpe *Deborah Gail Shendelman *Arthur Leslie Smith Joyce Ann Smith **Richard Stephen Snider** Shirley Anne Sorbello Barbars Ann Stasium John Michael Stasulli Ellen Kay Tannen * Richard James Thiele Sharon Linette Thomas Linda Ann Thompson Kerry S. Thorpe Mark Douglas Thuma Faith Elizabeth Tickell Frederick C. Trimble Charles Edward Triplett Margaret Jean Wallace Michael Stephen Wallace Scott Andrew Webb Barbara Goldie Weinstein Mary Frances Weller John Lawrence Wells III [•]Connie L. Williams John Jay Williar Donald L. Witek Steven James Witthohn Michael Joseph Wyatt Sheryl Glascoe York Michael Thomas Yorkowski Robert Vernon Young Lawrence Fredrick Zucker

Division of Behavioral and Social Sciences

Bachelor of Science Daniel K. Abell Carlton Webster Austin Jr. Marvin Reginald Baxter †Douglas Crawford Bayern Patrick Joseph Breslin *Paul Carey Jr. *Randy Howard Cherner

Donovan Ray Clark Robert Anthony Davies William Ronald Davis Catherine L. Dillev James Robert Divelbiss Colleen Mary Dowd Edward LeRoy Dunkerly Olivia Hale Elkaim Iraida M. Fajardo Adele C. Fergusson **Donald James Fisher** Mary Theresa Flynn Clark L. Forcey Gerald Ira Freed John H. Freeman tKaren Lestie Friedel Frank Gensiak Jr. Edward Barney Grant Jr. Janet Patricia Graziano Joseph Albert Greenwood David Howard Hallock Patsv G. Hill John Phillip Irey John Thomas Jobe IV Eric Ray Kaplan tSusan Carol Kaplan Oscar Kaufman †Mark T. Kernan Gary Chester Kohler Michael John Krebs Patricia Elizabeth Krepner Ann Yuen-Fai Lau Steven H. Lipman tLinda Kay Lopez Lynette Norma Malkin Sonva Ethel Mallinoff **†Carol Anne Mannino** Michael Steven Mindlin John Kraig Nemes William Wiley North Kathryn M. Órhelein John Joseph Rohan David C. Ryan III Stanley Thomas Scharry Charles Henry Sherbow Christine Maria Shew Mary Finnerty Singleton Anne Claire Sorensen Veronica Louise Swistak Mark Edward Thomas Thomas George Tzomides * Julia Stephens Webersinn *Robert Leonard Wilen Joseph Harding Yates James Yoshimoto *Evan Lawrence Zucker

Division of Mathematical and Physical Sciences and Engineering

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

Bachelor of Science

Philip L. Alter Walter William Andersen Morris Taylor Covington Charles B. Cranston **Daniel Lee Detrick Richard Allison Douville** †William E. Fink Theodore R. Fischer Karla Rene Gigerich John Roxburgh Groom †Donald Joseph Henderson Stephen David Kirkpatrick Jeanne Louise Kofroth Robert William Koontz Jr. *Karen Jean Larson Glenn Joe Lieu J. Roger Loebenstein Paul Edward Malec **Robert Paul Margolis** James Terence McMullen Anne F. Moroz Olga Elizabeth Pennev Michael David Perlberg John Denis Pouy Mark Dana Rockman Lynne Susan Rosenthal †Jeffrey David Saffer Thomas Patrick Sherren *Morton S. Steinberg Stan A. Swetnam *Anne Kimberley Tolbert Karen Lea Twomey Dimitri Vvedensky Anne Elizabeth Whistler William Charles Whitmore

General Studies Program

Candidates will be presented by Dr. Robert Shoenberg, Administrative Dean, Undergraduate Studies

Bachelor of General Studies

Robert Lawrence Aberman Joan Anna Alston Robert Samuel Ball Preston Arthur Bar-Ker Steven Arnold Baum Bonnie Ann Berlin David Holden Butler Alicia Louise Collins Carol Ann Cox Richard Evan DeBois Richard Clyde Eastep Jacqueline Marie Ennis **†**Tina Schwartz Fried John Clark Hardwich Diane Marie Haslam Andrew Larrabee Hatleberg Diane H. Heller George Joseph Herrell Jr. Monte Dean Hinkle Thomas Paul Johnson **†John Francis Judge** Andrea Susan Kaplow Iris Michelle Kohn †James E. Lankford Michael Larmer Frederick Gerard Latreille Jr. Clinton Lee Lepley Linda Karen Maier *Molli Margot Martin Fred Monroe McNeil Steven Mark Mead Kurt Edward Muller Anne Cecilia Murphy Sharon D. Pollock tRoger L. Rishel Mark Terrence Rvan Sherie Phyllis Sachs Arthur Fredrick Seekamp Gavin Thomas Stringer Tee Edward Taylor Michael Alfred Tobin Melinda Annette Verduci Christopher Luke Wotell Ronald Kim Yee

Academic Honors

HONORS DESIGNATIONS

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.

DEPARTMENTAL HONORS

December 20th, 1974

With High Honors in French Language and Literature Christine Anne Holmlund With High Honors in Government and Politics Sidney Howard Schwarz With High Honors in Psychology * Louise Foster Fitzgerald With Honors in English Carol M. Marshell With Honors in English Rhonda Reis Strickland With Honors in English ** Jane F. Tamagna With Honors in French Language and Literature Jeanne Blanche Jacobs With Honors in French Language and Literature Sue Ann Waterman With Honors in Physics * Michael David Sokoloff With Honors in Physics Jeffrey David Saffer With Honors in Physics Robert William Koontz, Jr. With Honors in Textiles and Consumer Economics Mary Lee Rynties

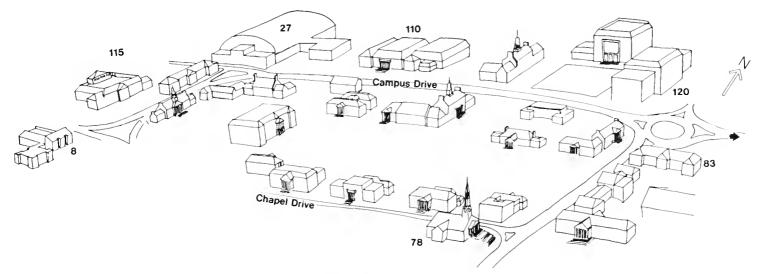
Commissions

Second Lieutenants U.S. Air Force Reserve

Steven Edward Bradshaw Gerald Bryant Fink Margaret Elizabeth Johnson Robert Joseph Kennedy



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 multidenominational 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, the 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 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 facultydesigned sculpture pyramid in the West Court.

Tours by Appointment

CYCLOTRON, Department of Physics Gallery on the first floor. Offices of the and Astronomy. The Cyclotron is available for touring on Mondays from 10-4 p.m. by prior arrangement. (Ext. 4152) 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 COM-PLEX. 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

