COMMENCEMENT DECEMBER 22, 1989

UNIVERSITY OF MARYLAND AT COLLEGE PAPE







# MARYLAND

# PRESIDENT'S MESSAGE TO THE GRADUATES



Dr. William E. Kirwan became president of the University of Maryland at College Park in 1989.

My colleagues and I congratulate you on the successful completion of your studies. We are confident that your years at College Park have prepared you to take full advantage of the opportunities and challenges that lie before you. But it is not just you who have benefitted from your time at College Park. You have given much to us and for that we are extremely grateful. Your intellect and curiosity have challenged and stimulated us, and helped us—the faculty—to gain new insight into our disciplines. Your idealism and commitment to the common good have inspired us. And, your efforts and support of countless campus projects, committees, and service programs, have helped to make this a better institution than the one you entered several years ago. This is the miraculous property of the marvelous entity known as the university. The very act of separating something from it simultaneously leaves it replenished and richer. So we thank you for your part in helping us to grow.

Although we physically separate today, in a deeper sense our interdependence just takes a different form. Your success will be, in part, a measure of ours. And our success will be a source of pride for you and, perhaps, create new opportunities for you. We hope this interdependence will be reflected in your continuing interest and involvement in your alma mater.

Best wishes, much appreciation, and godspeed to each and every one of you.

WE Kirwan

William E. Kirwan President Cole Student Activities Building 9:30 a.m.

Presiding

Dr. William E. Kirwan President College Park Campus

Master of Ceremonies Ms. Kate Ufema Communication Arts and

Theatre

Processional Symphonic Wind Ensemble

Conductor, Mr. John E. Wakefield

Musical Selection

Members of The Maryland Chorus

Conductor, Dr. Paul Traver

Invocation The Reverend Elizabeth Platz Lutheran Chaplain

The National Anthem Led by Dr. Traver

Greetings

Dr. James A. Norton Interim Chancellor The University of Maryland System

Board of Regents

Address

Ms. Marian Wright Edelman Director Children's Defense Fund Conferring of Honorary Degree

Dr. Norton

Remarks to the Graduates Ms. Marie France Le Bouder Graduating Senior

Dr. Kirwan

Conferring of Doctoral, Master's and Bachelor's Degrees

Dr. Kirwan

Benediction

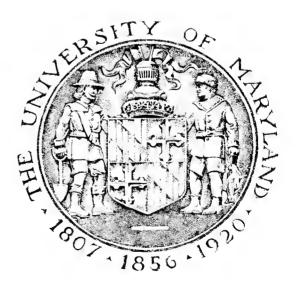
The Reverend Elizabeth Platz Lutheran Chaplain

Alma Mater

HAIL! ALMA MATER Hail to thee, Maryland! Steadfast in loyalty, For thee, we stand, Love for the Black and Gold Deep in our hearts we

hold,
Singing thy praise forever,
Throughout the land.

Recessional Symphonic Wind Ensemble Conductor, Mr. Wakefield ORDER OF CONVOCATION DECEMBER 22, 1989



The Great Seal of Maryland, first used by the university in 1922, bears the emblems of both the Calvert and Crossland family arms.

Following the Commencement Convocation, individual commencement exercises for colleges and schools will be held at several campus locations. Ceremonies are scheduled to begin at 11:30 a.m. and 2:00 p.m. Guests are urged to be seated approximately one half hour prior to the designated time for the ceremonies if they wish to observe the student and faculty procession.

Graduates, their families and friends, are cordially invited and encouraged to join with university officials and members of the faculty at the reception to be held in the Grand Ballroom of Stamp Student Union from 11:00 a.m. to 3:00 p.m.

Shuttle bus service is available providing free transportation across the campus throughout the day.

### Cole Student Activities Building

9:30 a.m. Campus-wide Commencement Convocation

11:30 a.m. Business and Management Commencement

2:00 p.m. Behavioral and Social Sciences

Commencement

### Hornbake Library Assembly Room

11:30 a.m. Library and Information Services

Commencement

### Memorial Chapel

11:30 a.m. Computer, Mathematical and Physical

Sciences Commencement

2:00 p.m. Agriculture and Life Sciences

Commencement

### Physical Education, Recreation and Health Building

11:30 a.m. Physical Education, Recreation and Health Commencement

### Reckord Armory

11:30 a.m. Education Commencement

2:00 p.m. Engineering Commencement

### Stamp Student Union-Colony Ballroom

11:30 a.m. General Studies Commencement

### Stamp Student Union-Hoff Theatre

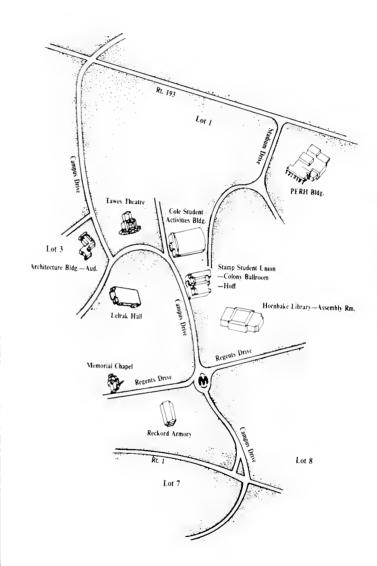
11:30 a.m. Human Ecology Commencement

2:00 p.m. Journalism Commencement

### Tawes Theatre

11:30 a.m. Arts and Humanities Commencement

# SCHEDULE OF EVENTS



### The Campus

College Park is the tenth largest university campus in the nation in enrollment. In Fall 1989, undergraduates numbered 26,863 and graduate students 8,962 for a total enrollment of 35,825. This year's College Park operating budget is about \$518 million, including financial aid for some 13,800 students.

Students can choose from more than 120 undergraduate and 85 graduate programs leading to degrees. In 1988–89, the campus awarded 5,586 bachelor's degrees, 1,284 master's degrees, and 391 doctorates.

### History

The University of Maryland was founded in 1807 in Baltimore as a faculty-owned College of Medicine. Five years later, the growing institution was renamed the University of Maryland. The Baltimore College of Dental Surgery, the first dental school in America, became a part of the university in 1840. Later, the university opened schools of pharmacy, law and nursing.

In 1859, the Maryland Agricultural College, which would evolve into the College Park campus, was opened in Prince George's County under a charter secured in 1856 by a group of Maryland planters. This institution became one of the nation's original land-grant schools in 1865. After a disastrous fire on the campus in 1912, the state acquired control of the college and rebuilt it.

In 1920, the state legislature joined College Park with the professional schools in Baltimore to form an expanded University of Maryland. These schools were later grouped with the Baltimore County and Eastern Shore campuses and University College.

July 1, 1988 marked the dawn of a new era in higher education in the State of Maryland when a reorganization of the state's public universities and colleges mandated by the Maryland legislature went into effect. As a result, the five campuses comprising the former University of Maryland were merged with six institutions governed by the Maryland Board of Trustees of State Universities and Colleges to form the new University of Maryland System. The law that created the new system designated College Park as the state's flagship institution.

# THE COLLEGE PARK CAMPUS AND THE UNIVERSITY



Charles B. Calvert was one of the founders of the Maryland Agriculture College which later became the University of Maryland. Deciding that commercially sold bricks were too expensive, he set up a kiln to produce his own, and on August 24, 1858, he laid the cornerstone for the first building on the campus.

### Libraries

The libraries at College Park include approximately 2 million volumes, 22,526 subscriptions to periodicals and newspapers, and more than 4 million pieces of microform. College Park offers the largest university research library in the Washington area and is an important resource for the state and local community.

### Research Facilities

College Park is the home of a variety of exceptional research facilities including a computer vision laboratory; a full–scale low velocity wind tunnel; a 500 liter computer-controlled fermentation system for research in bioprocess scale–up programs; the Center for Automation Research; and a quiescent plasma device (Q machine) for plasma research. Such major facilities as the Engineering Research Center, the Systems Research Center, and the new Center for Global Change conduct research that is especially significant to the state and nation.

The Engineering Research Center is a major vehicle for extending the technical and research expertise of the University of Maryland to businesses and industries through Maryland. The center is both a catalyst for problem-solving and a clearinghouse for technical information resources.

The Systems Research Center conducts research in systems engineering, artificial intelligence and computer-aided engineering. Supported by a 5-year, \$21 million National Science Foundation grant, the center operates in conjunction with a program at Harvard University and complements a nationally recognized campus program of basic and applied research in computer science.

In 1989, the Center for Global Change, funded with a \$1.8 million Environmental Protection Agency grant, was created at College Park. Under the auspices of the center, researchers from a variety of fields conduct groundbreaking research related to such important issues as global warming, ozone depletion, and sea-level rise.

In the 1990s, College Park will be the home of one of the nation's most important research facilities—the 1.7 million square–foot, \$205 million Second National Archives Build-

ing. The building will house more than half the collection of the National Archives Records Administration, including some of the nation's most valuable historical documents, such as the entire State Department record, 11 million charts, maps and photos, and documents from World War II and the Vietnam War. The building is scheduled for completion by Fall 1993.

The proximity of the campus to national research institutions such as the National Institutes of Health, the Smithsonian Institution, the USDA Beltsville National Agricultural Research Center and National Agricultural Library, and the Library of Congress ensures that prime research facilities are always available to the university's faculty and students.

### College Park Alumni Association

Created July 1, 1989, the College Park Alumni Association is designed to strengthen ties between the university and its graduates and to foster support for the University of Maryland at College Park. All graduating seniors and successful master's and Ph.D. candidates receive a 1-year free membership in the association.

### The Graduates

Students graduating today from the University of Maryland at College Park follow in the footsteps of many notable alumni who have distinguished themselves in such fields as science, entertainment, arts, journalism, business, law, medicine, and government.

As a graduate student in mathematics at College Park, Herbert A. Hauptman (Ph.D. '54) worked simultaneously at the Naval Research Laboratory to devise a method for mapping three–dimensional structures of molecules. Three decades later he and Jerome Karle, his long–time collaborator at NRL, won the 1985 Nobel Prize in Chemistry for their pioneering research. Dr. Hauptman was awarded an honorary Doctor of Science degree by the university in 1985.

CBS News' Connie Chung ('69) worked on the *Diamondback*, the university's student newspaper, and for WMUC, the campus radio station, during her student years. Another successful journalist who received his collegiate training at College Park is Pulitzer Prize—winning science writer Jon Franklin ('70). Franklin, who won two Pulitzer

Prizes for his work as a *Baltimore Evening Sun* reporter, currently heads the journalism program at Oregon State University.

One of the university's most devoted sons is A. James Clark ('50), president of the George Hyman Construction Co. and president and chairman of CEI Construction Inc., the umbrella organization for engineering and construction companies that include OMN1 and Hyman. A former member of the university's Board of Regents, in 1983 Clark made a major contribution to the College of Engineering that led to the establishment of the A.J. Clark Chair in Construction Engineering and Management.

Other notable alumni include Carmen Balthrop ('71), a former Metropolitan Opera star and currently assistant professor of music at College Park; George V. McGowan ('51), president of Baltimore Gas and Electric: Karl W. Meyer ('49), president of University of Wisconsin, Superior Campus; Rep. Tom McMillen ('74), Maryland's Fourth District Congressman; Mary Stallings Coleman ('35), the first woman elected to the Supreme Court of Michigan; Fred O'Green ('49), retired Curator of Textiles, Smithsonian Institution; James R. Buckler ('70) current director of the Smithsonian's Office of Horticulture; Rep. Steny Hoyer ('63), Maryland's Fifth District Congressman; Anne Truax Darlington, creator of "Wall Street Week" and current director of the International Production Group for the Maryland Center of Public Broadcasting; and Allen J. Krowe ('54), senior vice president and chief financial officer of Texaco.

### Academic Costume

The black caps and gowns worn by the students and faculty in the academic procession have been the traditional costume of scholars since medieval times. They probably represent a kind of ecclesiastical dress, since many of the scholars of that period were members of monastic orders.

Most colleges and universities in the United States have adopted the uniform code for costumes drafted by an intercollegiate commission in 1893. Each of the three academic degrees—bachelor, master and doctor—has its own distinctive gown and hood. The bachelor's gown has a longer, more narrow, closed sleeve extending below the

knee; the arm fits through a slit at the elbow. The doctor's gown has a full, bell-shaped sleeve trimmed with three bars of velvet. The velvet trim on the gown can be black or a color indicating the wearer's general field of learning—for example, green for medicine or purple for law. A list of department colors follows.

Agnculture/Maize Arts, Letters, Humanities/White Business Admin., Com. Sci./Drab Dentistry/Lilac Economics/Copper Education/Light Blue Engineering/Orange Fine Arts, Architecture/Brown Forestry/Russet Home Economics/Maroon lournalism/Crimson \* Law/Purple Library Science/Lemon Medicine/Green Music/Pink Nursing/Apricot Oratory, Speech/Silver Gray Pharmacy/Olive Philanthropy/Rose Philosophy/Dark Blue Pub. Admin., For. Ser./Peacock Blue Public Health/Salmon Physical Education/Sage Green Science/Golden Yellow Social Work/Citron Theology and Divinity/Scarlet Veterinary Sciences/Gray

The most colorful and distinctive part of the academic costume is the hood extending down the back. The doctor's is the largest of the hoods and the bachelor's is the smallest. The bachelor's hood is often omitted.

Silk lining of various colors in the center of the hood indicates the college or university which conferred the degree. Consistent for all degrees is the cap, or mortar board, which has a tassel of black or another color indicating the field of learning. The tassel of the doctor's cap can be gold.

### Academic Degrees

A degree is awarded for the successful completion of a course of study. Nationwide, there are more than 1,600 different academic degrees conferred by colleges and universities. The first known degree was a doctorate bestowed by the University of Bologna, Italy, in the mid-12th century. Originally, the doctor's and master's degrees were used interchangeably, each indicating that the holder was qualified to

instruct students. The bachelor's or baccalaureate, degree only indicated entrance into a course of study preparatory to the doctorate or mastership. Gradually, though, the bachelor's degree came to mean successful completion of one level of study in advance of the higher degrees.

### The Doctor's Degree

The term "doctor," meaning teacher or instructor, originated with the ancient Romans for those who lectured publicly on philosophical topics. During the Middle Ages, it was used as a title of honor for men of great learning. It was first made an academic title at the University of Bologna, which was allowed by the emperor to appoint doctores legum (doctors of laws). The University of Paris followed suit in the year 1145. Soon after, popes granted the universities the right to appoint doctors canonum et decretalium (teachers of the canon law) and, when the study of civil law was 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.

A doctorate is given beyond the baccalaureate degree and requires several years of advanced study, the successful completion of a thesis or dissertation, and written and oral examinations. The doctor's degree represents the most advanced earned degree conferred by American institutions. There are two distinct types: the practitioner's degree and the research degree. The first type represents advanced training for the practice of various professions, principally Doctor of Medicine, Juris Doctor and Doctor of Pharmacy. These degrees carry no implication of original research. The University of Maryland awarded the first two dental degrees in history on March 9, 1841, and invented the name of the degree, Doctor of Dental Surgery (D.D.S.).

The second type is a research doctorate representing prolonged periods of advanced study. A dissertation which usually accompanies the study is intended to contribute substantially 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 in

1861 by Yale University. The University of Maryland awarded a Ph.D. for the first time in 1920.

### The Master's Degree

The master's degree is an academic honor bestowed upon students who have successfully completed work beyond the baccalaureate. A thesis and an oral examination are usually required. The word magister was used by the Romans as a title of honor, but its present meaning can be traced to the establishment of the oldest universities. Organized faculties as they now exist in universities were not known then; academic activity was limited to seven liberal arts. Those who were honored for their diligence and knowledge upon completion of their studies and who had already received the bachelor's degree were called magistri artium (master of the liberal arts). In 1920, the University of Maryland awarded its first Master of Arts (M.A.) and Master of Science (M.S.) degrees in fields other than agriculture.

### The Bachelor's Degree

The bachelor's degree represents completion of a four-year course of college-level study and is the oldest academic degree used by American institutions of higher learning. It was first conferred in America in 1642 on the first nine graduates of Harvard College. Maryland Agriculture College, which later became the University of Maryland at College Park, awarded its first Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) degrees in 1862.

### **OFFICIALS**

### Board of Regents

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Secretary

Albert N. Whiting

Treasurer

llona M. Hogan

Assistant Secretary

Constance M. Unseld

Assistant Treasurer

Roger Blunt

Wayne A. Cawley, Jr. ex officio

Margaret Alton

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Benjamin L. Brown

Earle Palmer Brown

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Frank A. Gunther, Jr.

Ann Hull

Henry R. Lord

Rodney Lydell Tyson

John W. T. Webb

### System Administration of the University

Chancellor

James A. (Dolph) Norton (Interim)

Debuty Chancellor

Jean E. Spencer

Vice Chancellor for Agricultural Affairs

Raymond J. Miller

Vice Chancellor for Academic Affairs

David S. Sparks

Vice Chancellor for General Administration

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Vice Chancellor for Governmental Relations

Patricia S. Florestano

Vice Chancellor for Policy and Planning

Edgar B. Schick

Vice Chancellor for University Relations

Robert G. Smith

### College Park Administration

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William E. Kirwan

Vice President for Academic Affairs and Provost

J. Robert Dorfman

Vice President for Administrative Affairs

Charles F. Sturtz

Vice President for Institutional Advancement

Reese Cleghorn (Acting)

Vice President for Student Affairs

William L. Thomas, Jr.

### Deans

College of Agriculture

Paul H. Mazzocchi

College of Arts and Humanities

Robert W. Griffith

College of Behavioral and Social Sciences

Murray E. Polakoff

College of Business and Management

Rudolph P. Lamone

College of Computer, Mathematical and Physical Sciences

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College of Education

Dale P. Scannell

College of Engineering

George P. Dieter, Jr.

College of Human Ecology

Laura S. Sims

College of Journalism

Reese Cleghorn

College of Library and Information Services

Claude E. Walston

College of Life Sciences

Paul H. Mazzocchi (Acting)

College of Physical Education, Recreation and Health

John I. Burt

School of Architecture

John W. Hill

School of Public Affairs

Michael Nacht

Administrative Dean for Graduate Studies and Research

Jacob K. Goldhaber (Acting)

Administrative Dean for Summer Programs

Melvin N. Bernstein

Administrative Dean for Undergraduate Studies

Kathryn J. Mohrman

### Officers of Commencement

Chair

Charles J. Beatty, Industrial, Technological and Occupational Education

University Marshal

Don C. Piper, Government and Politics

Music

John E. Wakefield, Director of Bands

### Commencement Committee

Frances P. Cave, Health Center

Reese Cleghorn, Institutional Advancement

Earle Connors, Physical Plant

Lynn M. Danson, University Book Center

Richard W. Doran, Police Department

Carolyn A. Ent, Institutional Advancement

Cornelia F. Goodwin, Diploma Office

Leonard B. Jankowski, Campus Parking

Gothard A. Lane, Intercollegiate Athletics

Simone Legacy, Industrial, Technological and Occupational Education

Paul Maloni, University Book Center

Linda Martin, Institutional Advancement

Elizabeth Pattison, Records and Registrations

lames N. Robinson, Environmental Safety

Larry E. Schwartz, Dining Services

Matthew W. Sheriff, Dining Services

Barri Standish, Commuter Affairs

Robert T. Stumpff, Physical Plant

Janice E. Summons, Campus Parking

Paul A. Tessicini, Police Department

Kate F. Ufema, Communication Arts and Theatre

Carole Wilde-Merman, Disabled Student Services

### Unit Representatives

Katherine Pedro Beardsley, Behavioral and Social Sciences

Jean Diepenbrock, Library and Information Services

Donald Giffin, Arts and Humanities

Albert J. Klavon, Life Sciences and Agriculture

George F. Kramer, Physical Education, Recreation and Health

John C. Loss, Architecture

Joseph G. Mattingly, Business and Management

James N. Newton, Engineering

Bonnie Oh, Undergraduate Studies

Jo Paoletti, Human Ecology

David J. Rhoads, Education

Greig Stewart, Journalism

Thelma M. Williams, Computer, Mathematical and Physical Sciences

Elisse Wright, Public Affairs

Marian Wright Edelman, founder and president of the Children's Defense Fund, has been a passionate and successful advocate for disadvantaged Americans throughout her entire professional career.

Under her skilled leadership, the Washington-based Children's Defense Fund has advanced vital causes on a wide range of children's and family issues, including adolescent pregnancy prevention, education, child care, youth employment, child welfare, and children's physical and mental health.

Edelman first focused on the plight of children in the mid-1960s when, as the first black woman admitted to the Mississippi bar, she directed the Legal Defense and Education Fund of the National Association for the Advancement of Colored People in Jackson, Mississippi. In that role the attorney successfully defended the Child Development Group of Mississippi, the state's Head Start program, against political attacks.

In 1968, Edelman took on the cause of children in direct fashion by founding the Washington Research Project, an organization that in 1973 evolved into the Children's Defense Fund. Growing steadily in influence and stature since its creation, the group today is one of the nation's leading advoocacy groups. Among its most visible initiatives is its national campaign, started in 1983, to prevent teenage pregnancy and provide positive life options for youths.

In 1971, *Time* magazine named Edelman as one of America's 200 young leaders, and in 1985 she became a MacArthur Foundation Prize Fellow.

Edelman serves on the prestigious Council of Foreign Relations and the boards of the NAACP Legal Defense and Education Fund, the Aetna Life and Casualty Foundation, the March of Dimes, and Spellman College Board of Trustees.

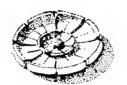
Edelman was born in Bennettsville, S.C. and was graduated from Spellman College in 1960. She received her law degree from Yale University in 1963. She is married to Peter Edelman, a professor of law at Georgetown University and has three sons.

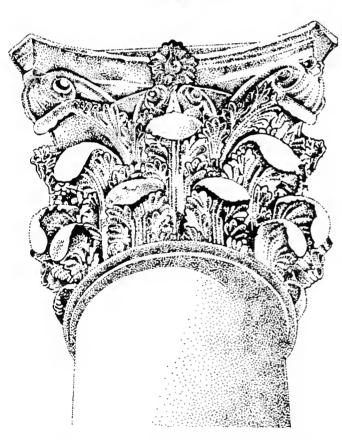
Today, for her extraordinary commitment to the disadvantaged members of society, her effectiveness in public-spirited causes, and her lasting contribution to the common good of the nation, Marian Wright Edelman receives the honorary degree of Doctor of Public Service from the University of Maryland at College Park.

MARIAN
WRIGHT
EDELMAN
HONORARY
DOCTOR OF
PUBLIC SERVICE



# GRADUATE DEGREES AUGUST 1989





This corinthian style capital can be seen at the McKeldin library which was built in 1958 and named for then Governor Theodore R. McKeldin.

### Doctor of Philosophy

Rose Marie Abler Psychology Shortterm Group Counseling for Depressed Elderly Adults

Ouassima Akhrif Electrical Engineering Robust Stabilization of Uncertain Nonlinear Systems

### Terence Joseph Alexander Economics

An Analysis of Some of the Determinants of Agricultural Productivity in Sub-Saharan Africa

# Kathleen Ann Colquitt Bands Education-Curriculum and Instruction

The Effects of a Woman's Management Training Program on Female Retail Management and Interior Design Students

James E. Bauer Marine-Estaurine-Environmental Science Organic and Carbon Isotope Geochemistry of Coastal California Sediments

### Siegfried Heinz Bleher Physics

Chaotic Dynamics in Open Hamiltonian Systems

### Robert Edward Bray Animal Sciences

Digestibility and Rate of Passage of Soybean Hull Diets in Gestating Sows

### Lawrence Carin Electrical Engineering

Analysis of Multiconductor Microstrip with Applications in Highspeed Integrated Circuits

### James L. Carr Physics

Spin Structures and Superworldsheet Topology

### Kwang-Cheng Chen Electrical Engineering New Methods of Sychronization

### Senhuei Chen Applied Mathematics

A Discontinuous Solution to a Nonlinear Elliptic-Hyperbolic System

### John Patrick Chin Psychology

Fixed and Dynamic Menu Systems: A Script-Based Approach to Categorization

### Clayton Roy Chinn Physics

Comprehensive Study of Dirac Dynamics in Inclusive Quasielastic Electron Scattering

The August 1989 class roster comprises degree graduates from the undergraduate and graduate programs at the University of Maryland at College Park.

### Cheung M. Cho Sociology

Study of Inheritance Practices of Korean Immigrants

### Sunggoo Cho Physics

On Super Riemann Surfaces and Super Period Maps

### liang-Hsing Chu Computer Science

A Study of Caching Algorithms

Beverly Lynn Cohen-Hoy Counseling and Personnel Services Temperamental Characteristics of Popular, Average, Rejected and Neglected Preschoolers

### Barbara Stahl Collins Health Education

A Behavioral Approach in Conjunction With Antihypertension Drug Therapy for Control of Hypertension: A Worksite Clinical Trial

### Leslie Denise Cook Cooper Health Education

The Epidemiologic Issue of Low Birth Weight and Smoking Behavior In A Black Urban Population

### Charles William Cross Curriculum and Instruction

The Influence of a Positive Portrayal of Specific Elderly Individuals on the Cognitive, Affective, and Behavioral Components of Childrens' Attitudes Toward the Elderly

### Kevin William Dean Public Communication

A Rhetorical Biography of Jonathan Edwards: Beyond the Firey Pits of Hell

### Carol Elizabeth Coonen Drungil Civil Engineering

Calibration Based on Photogrammetric Analysis for a Physically-Based Rangeland Erosion Model

### George Leonard Edwards Curriculum and Instruction

A Study of Programs and Plans for the Black Performing Musician to Gain Employment in the Symphony Orchestras of the United States

### Lionel Feigenbaum Zoology

Molecular Biology and Pathogenesis of the Human JC Virus

### Shangting Feng Electrical Engineering

Photoconductivity in Diamond Under High Bias Field

### Ellen Judd Flint Music

Structural and Formal Multiplicities in Iannis Xenakis' Psappha

### Deanna S. Forney Counseling and Personnel Services

Master's Students in College Student Personnel: Characteristics and Attitudes Toward Professional Preparation and Their Relationships to Identified Learning Style Differences

### Michael Frazier Government and Politics

Implementing State Government Export Trade Programs

### Patricia Ross French English

Philip Larkin: The Void and the Vision

### Gennady Friedman Electrical Engineering

Computation of Magnetic Fields in Media with Hysteresis

Mary Galligan Education Policy, Planning and Administration Factors Associated with Leadership Development at Women's Colleges

### Michael Genhart Psychology

Light in an Elderly Population: Effects on Mood and Behavior

### Hatem Mohamed Ghafir Electrical Engineering

Performance of a Class of Multiple Access Ring Local Area Networks

### Madga Ghanima Government and Politics

The Role of Egyptian Public Schools in the Political Socialization Process

### Patricia Keough Gladu Botany

Sterol Composition of Some Unicellular Algae Relative to Their Suitability as Oyster Food

### David Goblirsch Electrical Engineering

Quantization Systems for Hidden Markov Sources

### Alan Stanley Goodwin Curriculum and Instruction

A Content Analysis of the Portrayal of Black Male Adolescent Protagonists in Four Novels for Adolescents

### Linda Greer Marine-Estuarine-Environmental Science

Environmental and Physiological Factors Important to the Microbial Degradasion of 2.4-D in Soil in Culture

### Barbara Jackson Griffin English

The Fragmented Vision of Claud McKay

### Levent Gun Electrical Engineering

Queueing Systems with Synchronization Constraints

### Meihui Guo Statistics

Inference for Nonlinear Time Series

Margarete E. Hall Education Policy, Planning and Administration A Comparison of Decentralized and Centralized Systems for Manag-

ing the Institutional Advancement Activities at Research Universities

### Brian Anthony Haugh Philosophy

Non-Monotonic Formalisms for Commonsense Temporal-Causal Reasoning

### Carole Jean Hickman Microbiology

Production and Characterization of Murine T Cell Lines and Cloned T Cell Hybridomas Responding to Native and Recombinant Rickettsia Tsutsugamushi Antigens

### Mitchell Mark Holland Biochemistry

A Study of the Catalytic Domain of Escherichia coli Adenylate Cyclase

### Franklin Robert Horstman Curriculum and Instruction

The Effects of Instruction in Sentence Combining and Revision on Ninth Graders' Explanatory Writing

### Jo Gayle Howard Animal Science

Influence of teratospermia on Oocyte Penetration in Domestic and Nondomestic Felids

### Wen Hwang Leo Hsie Chemical Engineering

Modeling, Simulation and Control of Crude Tower

### William A. Huting Electrical Engineering

Numerical Analysis of Tapered Waveguide Transitions

### Rodolfo Jalabert Physics

Many Body Effects in Equilibrium and Nonequilibrium Electron-Lattice Systems

### Karel Susan James American Studies

Chimera in the Congo: An Interdisciplinary Examination of the Myths and Realities of the Overthrow of Patrice Lumumba (July 1960 - January 1961)

### Annmarie Kazyaka Criminal Justice and Criminology Guarding the Gateway to Discrimination: Developing a

Constitutional Model of Capital Sentencing

### Janet Marie Kerr Nutritional Sciences

Studies in the Endocrine Regulation of Bone Cell Metabolism

### Ali Hassan Khalil Food Science

Aquatic Biotoxins: Isolation and Identification of Algal Toxins Produced by Gonyaulax Monilata and Potential Biotransmission to Oysters (Crassostrea Viginica)

### Young Suk Kim Textile and Comsumer Economics

Productivity and Input Substitution in the Textile Industry: An International Comparison

### Raphael Ominde Kollah Chemistry

The Chemistry of Macrocyclic Trichothecenes

### Chinsan Lee Mathematical Statistics

Parameter Estimation in Branching Process with Application to Tumor Growth

### Hue Yeom Lee Physics

Neural Network and Letter Recognition

### Margaret Lewis Economics

Denison Revisited: Education and Economic Growth Once Again

### Wulin Li Civil Engineering

Fatigue Strength of Prestressed Composite Steel Girders

### Chan-lane Lin Business and Management

Information Signaling and Valuation of Initial Public Offerings: An Empirical Investigation

### David Tsochung Lin Chemistry

Enzymatic and Chemical Reactions of Halogenated Aromatic Substrate Analogs: Evidence for the Generation of p-Xylylene Intermediates

### Christopher Lee Litten Curriculum and Instruction

The Effects of Word Processing and Peer Review on the Revision Process of Freshman Composition Students

### Ira Jeffrey Love Government and Politics

Language, Discourse and the Justification of Political Authority

### Standish McCleary Psychology

Confidential Communications in Counseling: Informing Clients of Limits to Confidentiality

### Michelle Carter McElvany Applied Mathematics

Guaranteed Deadlines for Hard Real-Time Fault-Tolerant Distributed Systems

### Peter Kerr McLarty Electrical Engineering

Characterization of Thin Silicon-on-Insulator Films

### Merrill Fowler Mead-Fox Psychology

Multivariate Predictors of Symptom Severity in Bulimia Nervosa

### Vahid Aliabadi Motevalli Mechanical Engineering

Transient Ceiling Jet Characteristics

### Michael Robert Moyer Physical Education

An Interactive Model of Physical Activity Intervention and Controllable Risk Factors of Cardiovascular Heart Disease

### Joanne Maura Munoz Sociology

The Adaptation of Catholic Women's Colleges to Changes in the Environment: 1970-1985

### Ahmad H. Namini Civil Engineering

The Aerodynamic Stability of Cable-Stayed Bridges

### Robert Nelson Oerter Physics

Superspace Techniques for String Theories

### Tim Richard Ohno Physics

Silicon Vicinal Surfaces: Impact on Epitaxial Growth

### Helen Elizabeth Overton Human Development

The Impact of Health Beliefs on Young Men's Decisions to Accept or Reject Safe Sex Practices to Avoid Contracting AIDS

### Gun-Sik Park Physics

The Phase Characteristics of Klystrons and Gyroklystrons

### Richard Paul Profozich Education Policy, Planning and

Administration

Relationship of Selected Community College Student and Institutional Characteristics and Retention, Transfer, and Completion of a BA Degree Linda Racioppi Government and Politics

The Perception-Policy Interface in Foreign Policymaking: A Case Study of Soviet Policy Towards South Asia, 1970-1985

Herbert E. Reed Agronomy

Use of Chlorate as a Nitrate Analogue to Screen Eastern Wheat Cultivars for Differences in Nitrogen Accumulation

Mary Forman Rice Education Policy, Planning and Administration

The Policy Aspects of Situating Magnet Schools in the School System and the Community: A Case Study

Murray Neil Ross Economics

Compensation Differences in the Union and Nonunion Sectors

Sylvia Bond Sanders Curriculum and Instruction

Effects of Strategy Training and Attribution Retraining on the Maintenance of the Text Reinspection Strategy in an Urban Classroom

Christoph Schwab Applied Mathematics

Dimensional Reduction for Elliptic Boundary Value Problems

Bruce Steven Sharkin Psychology

The Influence of Counselor Trainee Gender, Anger Proneness and Anger Discomfort on Reactions to a Angry Client

Chenliang Sheng English

Nietzsche's Superman Americanized: On Dreiser's The Financier

Susan L. Slyter Psychology

Kohut's Psychology of the Self: Measures of Healthy and Defensive Narcissism

Kent Lyle Smith Botany

Epidemiology of Gray Leaf Spot of Field Corn

Kimberly Jo Smith Business and Management Choice of Investment Control System

Michael A. Smutok Physical Education

Comparison of the Effects of Aerobic versus Resistive Exercise Training on Glucose Tolerance and Insulin Sensitivity

Banerjee Snehamay Business and Management

Methodology for Solving Business Problems with Box Structures

Sheila Stark Industrial, Techonological and Occupational Education

A Phenomenological Journey Towards Understanding the Lifeworld of the Beginning Teacher

Alan Douglas Stemple Aerospace Engineering

Non-Linear Static and Dynamic Modelling of Composite Rotor Blades Including Warping Effects

Robert Swaine Government and Politics

Employee Stock Ownership Plans (ESOPS): A Democratic Fable

Daniel Buckley Swearingen Mathematics

Continuity of the Cauchy-Riemann Operator on Families of Degenerating Riemann Surfaces

Helen Rholeen Thorsheim Chemistry

Collision Dynamics at Cold and Ultracold Temperatures

Vinay Anant Vaishampayan Electrical Engineering Combined Source-Channel Coding for Banklimited Waveform Channels

Edward Joseph VanBlargan Civil Engineering

A Geographic Information System for Flood Forecasting

George Vanecek, Jr. Computer Science

Set Operations on Polyhedra Using Decomposition Methods

Rand Waltzman Computer Science

Geometric Problem Solving by Machine Visualization

Iven Eugene White Human Development

Factors Related to the Morale of Faculty in Higher Education

Shyh-Chyi Wong Electrical Engineering

Modeling on Short Channel MOSFETS

Ching Wah Woo Mathematics

Nonlinear P.O.Z. and Optimal Control with Integral Constraints

Ronald Allen Wood Textiles and Consumer Economics

The Role of Habit in Cigarette Consumption

Wei-Hsiung Kitty Chow Wu English

Cultural Ideology and Aesthetic Choices: A Study of Three Works by Chinese-American Women--Ciana Chang, Bette Bao Lord, and Maxine Hong Kingston

Qiang Yang Computer Science

Improving the Efficiency of Planning

Xiaowei Yang Electrical Engineering

Detection and Classification of Neural Signals and Identification of Neural Networks

Young Hee Yoon Sociology

Export-Led Growth and Women's Labour Force Participation in Manufacturing Industries in Korea, 1963-1983

Zohreh Yousefi Civil Engineering

Transport of PCDDs, PCP and PAHs Through Soils in the Presence of Codisposed Materials

Martha T. Zingo Government and Politics

"Nameless Persons": Legal Discrimination Against Non-Marital Children in the United States

### Doctor of Education

Daniel L. Agley Curriculum and Instruction The Effects of Learning Environment on Wellness and Health Risk Scores

Suzanne F. Erskine Curriculum and Instruction Establishing the Criterion Related Validity of a County Developed Readiness Test for Kindergarten Students

Richard E. Paulman Education Policy, Planning and Administration

An Examination of the Relationship Between the Completion of the Tasks Specified in the Case Plans of Children Placed in Foster Care and the Achievement of Specified Permanency Outcomes

Kathleen Diveley Steinly Curriculum and Instruction Story Dramatization as a Technique for Teaching Reading Comprehension and Enhancing Attitude Toward Reading

Helen Stemler Curriculum and Instruction A Survey and Case Studies of Employee Wellness Programs in Maryland's Public School Systems

### Tokyo Master of Education

August 30,1989

Lisa Ross Ackerman
John William Chandler
Linda Taron Finnegan
Lowell Allen Haagenson
Anne Heinrich Hairston
Kim-Jae O. Kang
Anita Penelope Wells Klube
Louise Hoyle Moore
Barbara J. Moroney
Ann Laraine Schewbert

### Advanced Graduate Specialist Certificate

Celia Brown Schuchman Gerry Ray Smith

### Graduate Certificate in Gerontology Doctoral Level

Charles William Cross

# Master of Applied Anthropology

Gordon Patrick Karim

### Master of Architecture

William Harlan Novak Shorieh M. Talaat

### Master of Arts

### American Studies

Patricia McConnell Lawrence Beverly Frances Shuman

# Communication Arts and Theatre

Wendy S. Zabava Ford Yao-Ling Shih Emily Karen Whitney Michael Patrick Zizzi

### Comparative Literature Kourosh Betsarkis

# Counseling and Personnel Services

M. Elizabeth Flum
Constance M. Martin
Mary Ann Merz
Karen Ellen Noll
Gerry Ray Smith
Marsha Burleson Somers
Lynne Ticknor
Lori Jean Vogelgesang

### Curriculum and Instruction

Janice Louise Doherty Cynthia J. Hatheway Karen Marie Mills Victoria A. Romig

### Economics

Amy Friedheim Russell Lyle Lamb Liliana Maria Pazienza Shujin Zhang

# Education Policy, Planning, and Administration

Julia Ruth Bates

### English Language and Literature

Kira Pratt Davis
Anne Hamilton Detrick
Holly Catherine Johnson
Betsy Kulamer
Kimberly Lynn Ports
Shirley Ann Johnsen Rompf
Jack Eugene Trotter, Jr.
Kristin Elizabeth Vogt
Claudette M. Walsh
Susan Gail Wood

### Geography

Elizabeth Joan Agayoff

# Germanic Languages and Literature

Jyl Marie Hohenwarter John Douglas LeMaster George Carson Lennox III

### Government and Politics

Michael John Cain William Robert Gallagher Rachel Hilary Goldberg Hitoshi Kudo Ronald Bruce Meyer Hedayatollah Tahbaz Yuan-Chia Wang Kori Schake Zavala

### Health Education

Carolyn Goodman Iwrey Denise Pauline Ludwig Jane Dorien Shotkin

### History

Joseph Allen Cain Robert Lee Hafer III Eric David Kupferberg Amy Carolyn Plenefisch Robert Todd Witkin

### Human Development

Xiomara Salgado Robert Kenneth Winegar

### Industrial-Technological-Occupational Education Elinor Joyce Spieler

Littor Joyce Spice

### Journalism

Paul Scott Girsdansky Ichiro Shiraki Donald Thomas Zajackowski

# Mathematical Statistics Stefan David Leigh

### Mathematics

Nina I. Luft Amir Pirnazar

### Measurement, Statistics and Evaluation

Joseph Donald Allen Jacqueline Marie French Heidi Ann Huczel Sylvester Carl Mathis

### Psychology

Mollie Lynn Jaschik James Howard Zahniser

### Recreation

Julie Kay Freedheim Gregory Blaze Kearney Dennis William Moses Debra E Schwartz

### Sociology

Carola Mariana Alvarez John Daniel Schubert

### Urban Studies

Marie A. Price

### Master of Business Administration

Brantley L. Alexander David Alan Baer George Daniel Bent Richard Elvis Blankenship Lawrence Chester Blash Donna Marie Bradley Jeanne M. Burke Daniel Montgomery Busby, Ir. Ronald L. Canada In-Bey Chao Aviiit Chatteriee Michael Francis Chiaramonte Gail Ann Hill Costello Eva Lvnn Curlee Nancy Jean Farkas I. Alexander Flick III Ruth Ann Fugua Robert Roy Giraldi Elissa Susan Golin Madelyn Marabello Graves Christine Maria Harris Keturah Adamson Harris Patricia Hsiao John Joseph Kosch Charles Myles Kronsberg Richard Joseph Kwiatkowski leh-Chang Lee Thomas Stephen Marx Christine Faith Meehan Joseph Edward Merritt Elizabeth A. Mitchell Carla Ann Mosser loanne Mozynski Diane Harriet Munro Whitney Vance Myers William Patrick Newman, Jr. Mary Ita O'Donnell Robert John Schadt Alan Guy Shimp Barry Keith Silvermetz Edward Thomas Smith Andrew M. Steinfeld Anthony Turner Washington Pauline Canuté Wiltshire-McPherson Keith Eden Winchester Naomi Esther Yadin-Mendick Ioseph Orlando Zuccaro Morris John Zwick

### Master of Education

# Counseling and Personnel Services

Catherine May Anderson Kenneth Craig Baron Jennifer Anne Niggemeier Olive Deloris Reid Susan E. Ritzer Carole Christiana Warren

### Curriculum and Instruction

Howard Thomas Baldwin Marie Rohner Barrett Michael Steven Bass Tammy Rae Bleck Marjorie May Brigham Gigi Bender Castle Ann Martha Eustis Vanessa D. Gilliam-Collier Deborah Hall Howie lennifer Mary Jorgenson Keith Adam Kessler Michelle Suzanne Koopman Linda Karen Lebelle Carlyn Michelle Liberman Cecilia Montes Martinez Alan Fowler McLaine Nanette Renee Meo Anne Romeyn Pittman Linda Marie Ragland Marjorie Fox Rogers lean Tamarin Rosenblatt Lauretta Rose Rudolph Iessica Sawver Kathleen Ann Shannon Susan Dawn Slagter Darcy Ilene Sloe Charles Clayton Sweedler Jill Marie Turner Joseph Nelson VanDercook Grace Ming-Yee Wai David Faber Weisz Patricia Lynn Windle Iennifer Alice Yau

# Education Policy, Planning, and Administration

Sarah Jane Raba

### Human Development

Robin Draper Margaret Mary O'Brien Barbara Ann Murphy Warman

### Industrial-Technological-Occupational Education

Carol Ilene Newman

### Special Education

Kathi Elizabeth Foley Gina Maria Palladin Carol B. Schwartz

### Master of Fine Arts

Lisa Ranette Smith

### Master of Library Science

Linda Caddell Aikin Susan Elizabeth Allan-Burnett David Roger Allen Peter Anderegg Lisa Marie Barker Paul Guerry Barnett III Matthew Leo Beacom Patricia Anne Benjamin Connie Dianne Binder Mary C. Blatchford Deborah Pulman Bullock Carroll A. Carter Show-Ching Chen Angela C. Chow Deborah C. Skinner Davis Willis Emmett Davis Karl Edward Debus Rosemary Elizabeth Eddy Duval-Arnould Roland Fagan lade Lindquist Falkowski Michael Daniel Germroth Gwendolyn G. Graham-Zanin Charlotte Louise Aston Grimes Stewart Irving Hill Carol Susan Hook Victoria lenks John Gerard Keyes Oiutong Li Paul Kevin McCutcheon Ruth Emma McKeen Leslev Ann Milner Karen Lee O'Connor Drew Lynn Proctor Patricia Somers Redd Steven Brent Rhodes Alisa Beth Richard Angelo Z. Sanders

Rita Helene Sherman Kathleen Borsuk Sterner Ann Denise Sullivan Shirley M. Tabler Linda C. Van Den Akker-Landrum Bonnie K. Wicklund Lynette Adaire Williams Heather A. Wright Gretchen Knapp Youngerman

### Master of Music Ken-Ichi Watanahe

Kenrichi watanabe

### Master of Public Management Annalisa Brooks

# Master of Public Policy Dorothy Ann Moore

### Master of Science

### Aerospace Engineering

Christopher William Stuteville Bruner Scott Alan Gordon Joseph Brian Harris Antonio Santiago Llanos Nancy Leigh Mueller

# Agricultural and Extension Education

Gary Wayne Bittner Dale Richard Miller

# Agricultural and Resource Economics

Firuzeh Arsanjani Jean Marie Meng-Lihinag Stephen Robert Milmoe

### Agronomy

Virginia Ann Hammond Stephen Edward Hart

### **Animal Sciences**

Shashikumar Krishnaji Salgar Mulumehet Worku

### Botany

Alan David Brooks

### Business and Management

Jeffery Yan Ping Chi Marilyn Frances Drattell Eugene Thomas Furey William Charles Gould Rita Herbst Hohenbrink Chia-Shu Margaret Liu Tracy Jane Saraduke Michael Boris Silberholz Shong-Iee Su Michael Joseph Waters Allen Winokur

### Civil Engineering

Andreas Meletiou Chrysostomou Damian David Foti Eric Paul Roberts Enrique Alfredo Salvador James Christopher Zeller

### Computer Science

Carolyn Elizabeth Brophy Suresh Gajulapalli Young Gyu Kang Pankaj Ravindranath Karnik Christian Turner Kemper Jacob Israel Lifshitz Shyang-Wen Lin John David Marsh Kiyoshi Matsuura P. J. Narayanan Shengyu Qian Kannan Ramaswamy Dheeraj Sanghi Edward Harvey Schadler

### Electrical Engineering

John Christopher Braune Armen Caroglanian Mathew Scott Corson Todd Alan Fine Lester Daniel Leonard Chuan-Qi Miao Eytan Hillel Modiano Gam D. Nguyen Kimberly Maroe Potter Vidya Rajagopalan John Reilly III Sachidanandan Sambandan Malathy Sethuraman George William Slade Leandros Tassiulas Anthony Y. Tse Rani P. Vadlamudi

### Entomology

Brian Michael Wiegmann

# Family and Community Development

Marie Joann Corey Daphne M. Pinnock Karen Sadlier

### Food Science

Fang Chou Leslie Marie DePoy-Norris

### Horticulture

James D. Gage

# Human Nutrition and Food Systems

Karen D. Johnson Yoni Siegel

### Marine-Estuarine-Environmental Sciences

James Michael Brittsan Lori Hagberg Crocker Karen Sue Knotts Danielle Therese Lucid Kevin Michael Morrissey

### Mechanical Engineering

Yung-Mien Chen

Philip Dale Collison Majid Ali Faani-Tabrizi James Alexander Herndon Eric Lionel Johnson Wing Cheong Ko Reid Matthews McKeown Nassy Srour Tak Foo Wong

### Meteorology

Bruce Thomas Whistler

Michael Aaron Woytowitz

# Nuclear Engineering

Gillian Anne Chen Eliazer Behrooz Golfeiz Leonard Joseph Stascavage

### Nutritional Sciences

Camille Irene McQuillan

### Physics

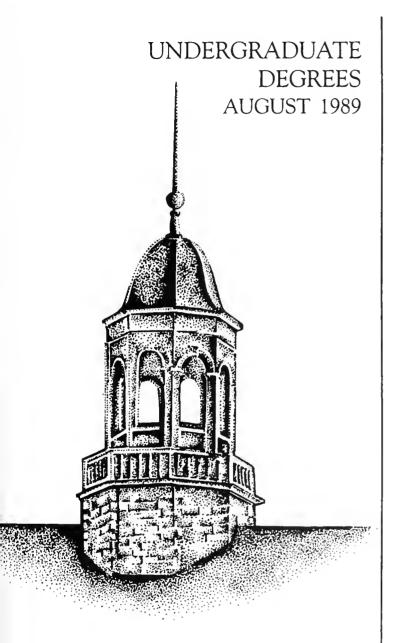
Dan Tyler Abell Richard Paul Barber Jr. Timothy Michael Jung John Michael Lorah Douglas Milton Norman Gun-Sik Park Yoonho Seo Yi-Quan Zhang

# Textiles and Consumer Economics

Jean Louise Parsons Roohi Prem

### Zoology

Lorraine Barefield Songzhi Peng Jonathan Turnbull Phinney



A spired cupola sits atop the roof of the recently renovated Microbiology Building. Built in 1938, the building originally served as a U.S. Bureau of Mines research center for non-metalic minerals.

### College of Agriculture Bachelor of Science

# Agricultural and Resource Economics

Donald Edgar Thrower

## Animal Sciences

Diana Lee Vogel

# Combined Agriculture Veterinary

Michael Leonard Hepner‡ William Leroy Singleton

### Food Science

Dilip Kumar Nakhasi

### General Agriculture

Maureen Theresa Dimond

### Horticulture

Janet Bell Harris Pamela McQueen McGrath

### School of Architecture Bachelor of Science

lan Collishaw Bird David Brent Cataldi John Edward Charitonuk Lee Colin McAllister Aji Sara Parakamannil

# College of Arts and Humanities

### Bachelor of Arts

### American Studies

Joan Seesholtz Hodges Kathryn A. Mueller Jennifer Zimmerman

### Art History

John Widman Appleford, Jr. Denise Anne Cople Sharon S. Freedman B. Louise Rumbold Thomas Jason Spiegelberg

### Art Studio

Marci Dana Burke Willie Ray Caughron, Jr. LaDedra Renee Drummond Marcella Ference Phyllis Eileen Gruber

### Dance

Michelle S. McDonald

# East Asian Languages and Literatures

Chris Takazato Bysura

# English Language and Literature

Deborah E. Ackerman Denise Dale Allen John Cameron Barkley Arianne Iill Barrett Christine Elizabeth Basham Steven Gerard Bellin Lara Elizabeth Brown Janet Irene Callies Iesse Colin Conn Kimberly Gillis Coroneos Kristine Helaine Coughlan Charles Casey Daley Edith Kimberly Dawson Richard Cooper Dirks Patrice Demetra Edwards Mark Benjamin Epstein Traci Leigh Gross Lisa Michelle Heitt Iodi Lee Israel Carol Anderson Kanga Nancy Tae Un Kim Barbara Mae Lilly Tracy McDonnell Iose Kristen Elin McElhiney\* Antoinette N. Myers Ann Louise Maria Oriole Nagy\* Edwin Curtis Oliver Jean Wright Papastamou Mary Alice Patten

§ Summa cum Laude

\* cum Laude

<sup>‡</sup> Magna cum Laude

Velester Lenea Phifer Paul Anton Schaefer Bruce Matthew Schonfeld Patricia Marie Schwartz Stephen Ellis Schwartz Stacy Ellen Schwarz Donald Stuart Smith, Jr. Jay G. Sobel James Steven Tallbott John R. Weiss Jonathan Bruce Wynn

### Germanic Languages and Literature

Peter Damien LeMaster Rita Johanna Schoemburg§

### History

Robert Victor Alberti Robert Taylor Bartley III James Randall Clark Van Earl Davis Dana Suzann Fortwengler Kumar Vaswani

### Linguistics

Jessica Ann Ohle

### Music

Shannon Marie Miller Heijung Shin Tanya Sophia Thielke

### Philosophy

Allan Benjamin Johnson-Taylor

### Radio, Television, and Film

Steven Timothy Abbott Leslie Mitchell Baker Russell Carl Bogdan Peter Rubin Colon, Ir. Thomas Richard Conte Alicia Marie Eaton Ricardo S. Esquivel Michael Patrick Flynn Robert Ethan Goodman Lisa Maria Johnson R. Curt Lukowski Kimberly Denise Mayfield Joanna Marie Mayo Brian Martin McCloskey Megan Staley Pallone James Harvey Poole

Zorana Radovic
John Francis Reardon
Tonya Renée Richardson
Scott Mitchell Roth
Michele llene Rudick
Matthew Alexander Ryf
Philip Albert Shane\*
Andrew Donnally Shaw
Teri LeJune Whitelow
Rebecca Jean Word
Martin T. Yaney
Jay Keith Yospa

# Romance Languages Tracey Colleen Andrews

Russian Area Studies Mary Ellen Monahan Thomas Anthony Wollard

# Spanish Languages and Literature

Ernest Andy Blasher Christina Louise Fonden Vilma Marie Gunn Leigh Monell Ramsey

### Speech Communication

Michelle Beth Burch Jennifer Jacobs Elstein Lisa Suzanne Marks Deborah Joy Metzdorf Margaret Adele Robh Anthony Peter Sciano, Jr. Julia Beth Shapiro Tamara Elizabeth Ward

### Bachelor of Science

### Advertising Design

Elise Joy Becker Laura Jean Layman Martha Ann McGill DeAnna Grace Weeks

### Interior Design

Patricia Bailey Roberge Bruce Duane Weseleskey

# College of Behavioral and Social Sciences

### Bachelor of Arts

### Anthropology

Janice Therese Bailey‡ Robert Edward Fernandez Cameron Jason Haires Lisa Jill Kingham Manuel Antonio Serrano

### Criminal Justice

Robyn Dawn Black Leigh I. Bodnar Edward Christopher Britton Carmen Regina Costen David Scott Fink Timothy Allen Forbes Samuel E. Franco Rachael A. Goodman Regina Marie Grubar Todd Sevier Hurt Caroline Ianice Iaskulski Sandra Lee Jorgensen Thomas Edward Kennedy Miles Matthew Kobin leffrey Paul Leary Michael Conrad Nieskens Aaron R. Pam William Herbert Rahn Leslie Tilghman Steele Karl Michael Stephens Frank Wayne Stone Steven Scott Taylor Gregory Paul Terry Donald Ray Wyatt, Ir. Lynette Theresa Zwier

### Criminology

Richard Fumihiko Ellis Staci Lynn Fliegler Joseph Wellington Hess, Jr. Eve Gabriel Janney Krista Ann Mellinger James Leonard Newman Christopher Robert Pettit Dawn Marie Radanovitz Julia Ann Saunders‡ Michael Matthew Smelser Christopher Scott Smith

### **Economics**

Kourosh K. Abadian Eduardo Enrique Accame Carv Adam Adler Mary Margaret Ahern Bradley David Andrukitis Christopher Mark Arabia Ricardo Ernesto Arriazu Sharon Lee Berlinsky Craig Adam Bernstein John Steve Better leffrey Michael Bridges William R. Brown Seon Hyung Chung Jennifer Elizabeth Clark Robert James Dempsey, Jr. Susan Marie Develin lames Nicholas Dimino Ismail Elmas Brian David Fagin Amer Ali Faroog Oleg L. Fastovsky Donald Craig Federroll Geoffrey Alan Harrison Fenner Iose Carlos Fernandes Noel David Flamm Gila Sharon Ginsberg Robert Ian Glass Katia Ingrid Carolin Harder Ioon Ho Adriane C. Jemmott David J. Jones Hakam Marwan Kanafani

Enrique Edmundo LaMotta Diane Mary Lansinger Joseph Maxwell Lodmell Marlow Bouvia Martin James Paul Mazzoni locelyn Lynette Moore Thomas Andrew Morgan Kenneth Paul Ortman Susan Marie Petrie Karen Elizabeth Poffel\* Carolyn Cathleen Pool Edward Cornell Powers Thomas Anthony Racine Richard Eugene Ramirez Jose Luis Rodriguez Maro A. Rogers

Leslie Anne Schelz Brad David Siegel Thomas Abraham Sporkin Vasiliki I. Stathes Randolph J. Taylor Nikhail Devidas Tejuja Gerald Pittman Thurmond, Jr. Johannes Laurens Van Houten Debra Lynn Wargo Joseph Robert Weigle

### Government and Politics

Nicole Monique Amyot John Patrick Baker Luke James Bergstrom Domenic Antonio Calabro, Ir. Michael Andrew Cauley Ernestine Elizabeth Coll John Charles Collins Rebecca Catherine Couch Michael Joseph Dellamura Darren Jay Epstein John Phillip Evans Peter Jason Fine, Jr. Wendy Susan Fishman Myles Fredric Fleischer Timothy Paul Gallagher David Michael Gattuso Sean J. Gleason Alejandro G. Gomez John C. Greene Jamie Marie Haerer Joseph W. Hess, Ir. Robert Wayne Jackson Alexander Karas Christina Kentrotas Steven Gary Koren David William Lemmon John James Mangelli Catherine Jeanne Martin Darryl Adrian Mills John Jay Nelson Wafaa A.L. Nosseir Michael Nicholas Patmios Cláudia Renata da Mota Pinto Afshin Pishevar Ivan I. Rahman Shelby Allison Waldo Remick Nancy Lee Robinson Douglas P. Rodgers

Audrey Jean Sadler
Mounir Mickael Sellami
Leah Siegel
Sharyn Amy Silverberg
Joan Rosalyn Simmons
Jimmy Charles Smith
Hyon Sok So
Michael Richard Steinberg
David Tiger
Juan Manuel Tijerino
Daniel Villar\*
Michael Scott Wilson
Michael Ross Yormark

### Law Enforcement

Warren Gordon LaHeist, Jr.‡

### Psychology

Camilla Lynn Acquista§ Teresa Kay Bruno Erin Marie Dillenbeck Sharon Laura Eisen Michelle Louise Franquet Stacy Yvette Fuller Susan Elizabeth Gallagher\* Barry Edward Gerber Bonnie Iean Givens\* lay Warren Gordon Deidra Elaine Grav Haley LeAnn Grise Alison Marie Harris Cary Edward Leventhal Lauren B. Liebowitz Kim Michelle McHugh Evelyn Sinclair Phillips Paul John Pykosh Diane Elizabeth Ouartermain Shervl Ann Raskin Robin Anne Rynn Stacy Seidman Carolyn Marie Sheahin Lori Lynn Sieher Jeffrey Michael Spitz Tammy Robin Turkisher Anthony Robert White

### Sociology

Tosha Camille Blissett Katherine Elizabeth Bugbee James Edward Crowell III Mary Elizabeth Guevara Michael Ward Helvey Noel I. Kellert Jennifer Chambers Lamb Julia Anne Marton Elizabeth Murray Lisa Helen Rich Deborah Ann Rock Jane V. Russo Lisa Ellyn Slobin Stacy Smilen

### Urban Studies

Gary Roy Broom, Jr.
Chester Tolbert Dickerson III
Christopher Dean Finkle
Steven David Gatto
Deborah Lynn Gutierrez
Jared Teddlie Jordan
Ron Kim Le
Evans Calvin Malyi
Adam R. Nachlas
Richard Alan Seidenfrau
Joseph Aloysius Werning

### Bachelor of Science

### Geography

Lynda Lee Downs Mark Joseph Gubisch John Joseph McDonough III§ Stuart William Simms John Antony Stevens

### Psychology

Maritzah Elizabeth Cayemitte Margaret Lynn Hardy\* Daniel Scott Lieberman Philip B. Reed Leonard Seymour Rosenbaum

# College of Business and Management

### Bachelor of Science

### Accounting

Khodarahm Abadian Michal Avidan Yancey Clay Ayers Caryl Jill Baron Daralyn Susan Bedia§ Mark David Biegel\* Timothy Neil Coakley# Domenico P. Conti Cassondra LaShea Crawford Maria Francia V. Dalinsky Timothy David Dav Thomas Michael Dushney, Ir. Chun Kit Michael Gin\* 2nd Major: Economics Stephen Thaddeus Hall Craig Ross Kushner Glenn Ira Lipman Stephen C. Matulonis Séan Daniel McMahon G. R. Mullins lames Reilly Nolan James Patrick O'Brien\* Kim Leigh Oliver Christopher Francis Parrotta‡ Ioanne Pearl Powell Ioan Rotoloni Aaron Bruce Ruderman Zewdneh Shiferaw Christine Bing Shum Stephanie Ann Siegel Inder lit Singh Kelli Marie Spangler Lee E. Wasserman 2nd Major: Gen. Business Christopher Thomas Wills# John Lindsey Yeatman Kari Kay Zingler

### Finance

Joel David Alpert
Richard F. Ball
Michael David Bowling
Patricia M. Burke Bratchie
Amy Syre Brodell
Christopher Alan Chick
Chi Ping Chow
Eric Andrew Clem
Tonia Patricia Clinkscale
Sandra B. Crouch
Matthew Devin Gettman
Blake Robert Gronich
Patricia Ann Hahn
Mohammad Javaid
Paul Martin Johnston

Michelle Andrea Iordan

Martin Edward Karmann Andrew Scott Klick Daniel Garrett Knoeppel Anthony Paul Kostreski III 2nd Major: Transportation Ann Marie Lewis Mark Steven Licsko Eugene Irvin Maddred, Ir. W. Scott Murphy Mark David Paxton Daniel Pelosi Margaret Lee Schilling Iames T. Serinese Erol Brent Sevin Angela Carol Shewbridge David Edward Snyder Hong Ku So Roar Sollie 2nd Major: Marketing Robert Edward Stup, Ir.‡ 2nd Major: Accounting Gregory Alonzo Tolson Laura Ann Tom David James Touchette Canh Xuan Tran\* Thomas E. Walters Iean Sylvia Wang Robert Anthony Wells

### General Business Administration

Anthony Charles Ambrosi, Jr. Sharon Rose Bors Bryan Linn Carney Richard Hao-Chih Chao Matthew Jerome Conway Dawn Renee Damico Erik Richard Dietzel D. Bradford Fierv John James Foster III Stephen Jennings Fry Wayde Lance Gilston Nilam Kumari Gupta Patricia Ann Marcet John Robert Maurer Tricia Hincken McCourt Samantha Lynn Miller Kathleen Ann Osborne John Rija Randrianarivelo

Steven Thomas Ratino Susan Marie Sandoe Ronald Wayne Shockley Matthew James Tarry Alexander Cocos Teneza

### Management Science/ Statistics

Natalie Albrecht Donna Joyce Almond Thomas John Caro Lisa Michelle Hamel Thomas Friederich Mueller

### Marketing

Ruth Hutchinson Barlow Beth Stefanik Berger Lisa Leigh Bjork\* Karrina Marie Briscoe Iulie Lynn Bukatman John Robert Carnahan Thomas Stephen Catania Darrin Lawrence Chase Richard Herschel Doctrow Larra Lee Elbert Rosa Elvira Garcia Steven Paul Gjurich Ionathan Lawrence Gold Stacy Michelle Green Rita Marie Hoagland\* Bonnie Phyllis Miller Robert Ioseph Montag II John Michael Mueller Susan M. Murray Melissa Jane Nickell Ira S. Rainess Michael Sakin Diane J. Schmidt Jory Landay Schunick Catherine Andrea Scott Deborah Ann Smith 2nd Major: Finance Jay G. Sobel Gregory Louis Weimann Richard Allen Weiner

### Personnel and Labor Relations

Robin Diane Conner Donald Lee Knode II Cathleen Jill Stec

### Transportation

Heather Lynn Bjork Warren Edmond Moore Jeffrey Allen Turner

### College of Computer, Mathematical and Physical Sciences

### Bachelor of Science

### Astronomy

Courtney Jean Scott 2nd Major: Physics Lyla L. Taylor

### Computer Science Ghada Fehmy Ashy

Sheri Rose Beauregard Anita Chandran Tracy Erin Chatlin David Richard Cleary David Lee Cohen Michael Alovsius Collins, Ir. Christine Dilenno‡ Dat H. Duong Hamid Reza Haririsoud Andrew Norman Hartness\* Andrew Vincent Kispert, Jr. Andreas Kolouas Han Joon Kouh Heung Ling Flora Lam lasmin Naraine Maria de los A. Negrón Torres Robert S. Nipp Todd Michael Nunno William Leonard Pataky William Russell Perry III Stephani Lin Rizer Farid S. Shirojan Namita Singh George Joseph Wilkinson David Joseph Zorn

### Geology

Persaram O. Batra

### Mathematics

Steven Vincent Arslanian Scot Theras Bean Michael Timothy Bird Vickie Jean Eakin Markos Gryparis Jeffrey Steven Katz Murray J. Kolander Anuja Mehrotra David Edmund Nichols John Thomas Placanica Kee Yiu Yu

### Physical Sciences

Pan Gueng Choy Norman James Farquhar, Jr. Martha Fikru Lisa K. Hanson Christopher Mark Holcomb

### **Physics**

Daniel Xavier Gilroy 2nd Major: Mathematics Audrey Thomas Leath Alberto Adolfo Pinkas Madhukesh Siddalingaiah

### College of Education

### Bachelor of Arts

### **English Education**

Gregory Joseph Bricca Anne Marie Collins‡ Marie-France Le Bouder§ Melinda Mary Tippett

# Mathematics Education Thomas Kurt Brownscombe

### Bachelor of Science

Early Childhood Education Katherine Cockey Davitt

### Elementary Education

Lacey Lorraine Beach
Janet Eleanor Corrigan
Diana Lynn Dean
Paige Allyson Diez
Julie Alice Flood
Kerry Ann Greenspun
Robert Wayne Nagel

### General Business Education

Beth Ann O'Connell

### Home Economics Education Susan B. Knott

### Industrial Technology Education

Jei Wuk Bae Mitchell Jay Billian John Jet Mon Gee Donald Edward Haller, Jr. John Charles O'Brien Russell Eugene Strine Rozita Beatrice Washington

### Science Education

Brian Keith Gass‡ Richard Thomas Mallardin

# Social Studies Education

Joseph Philip Gannon, Jr. Stephen Daniel Sullivan

# College of Engineering Bachelor of Science

### Aerospace Engineering

Erik Carl Berger
James Edward Cummings
Edward Orr Devlin
George Frederick Fink
Carroll Daniel Graham
Frederick Ernest May
Christopher Thomas Muffoletto
Thomas Petsopoulos\*
Steven James Pujia
Eric Simpson
Todd Michael Stock
Naruhisa Takashima‡

### Chemical Engineering

Hiten Purshottam Padhiar Tod Ford Ricks Martin Olov Vidaeus Teresa Elaine Wise

### Civil Engineering

John Ambrose Blondell Holly Marie Chu Laura Ellen Dias Lauro Florencio Makabenta Garcia§ Jonathan Lawrence Groeger William T. Hamel Richard Sean Meehan Ruth Kathryn Scannell Henry Farrar Taylor III§ Charles Henry Wallis Gregg Michael Wollard

### **Electrical Engineering**

Michael William Akers Robert Louis Blondell Stephen Boyd Brown Nam Shon Chia Chloe Shiuru Chien Anthony John DiVenti Thomas Andrew Dobridge Michael Ierome Evans Manfai Fong Shing Fung Wendy Elisabeth Fuster Christopher Raymond Hutter Bernardo Jose Ibanez Moscoso Douglas Alan Jakubowski Thomas Duane Jewel Manojkumar Rao Kalavar Victor Ka-Fai Kan Kevin Y. Kim Mary Man Lin loseph Lawrence McGovern David Royal Mumford Siu Ki Karlson Poon George Ara Prokop Derek Youty Roeum Philip Tan Chen Chong Adrian Tan Chen Yang Jacob C. Thomas Anh Cong Tran Pamela Moore Waters Peng Chung Yuan\*

### Fire Protection Engineering Angela Michele Smith

### Mechanical Engineering

Jeri Alice Balmer
Arjan Singh Bhathal
John Louis Bohorfoush
Christopher J. Burke
Louise Dawn Compton
Matthew Czecha
David John Eisenhauer
Carmella Ferouz

Javier A. Garcia Angeli Laura Ann Greenan§ John Edward Hamm James Parker Hanson Paul K. Liu Nicole Lynn Maisonneuve\* Niraj Vinu Patel Frederick Scott Reyes Osman A. Sharif James Daniel Simpson Philip William Stultz Kui-Sun Yim

# Undesignated Engineering Major

Edward Anthony St. John III Patricia Marie Zach

# College of Human Ecology

### Bachelor of Science

Apparel Design Tanya Feld

### Consumer Economics

Elizabeth Ann Agre Alain Bissainthe Richard Paul Colvin, Ir. Lisa A. Elster Leonard George Escanilla Tracy Nan Falk Theresa Marie Gaegler lames Pinkham Gilfix David Michael Gordon Craig Gilbert Harris Barry Iones Wendy Helen Katz Tae Kyun Kim Jorge Luis Martinez Lvn Flanders O'Neal Thomas Edward O'Neill Francis Alexander Purcell Ioscel Lloyd Quinto Agustin Rawat Kirsten Reese Karen Naomi Rosenfeld Dani Widyotomo Sarwono Brian Stuart Schuster

Ruben Fernando Serafini Cinde Anne Southcomb Youlivia A. Meneses Tan II Chad Bryan Thompson Thomas William Venezia David Ignatius Walsh Scott David Weber

### **Dietetics**

Yun C. Kim

### Family Studies

Lisa P. Carmiris
Rachel Lynne Fisch
Kimberlie JoAnne Ford
Ylia Frazer
Cameron Jason Haires
Mary Beth Hoover
Steven Lance Jacob
MaryBeth Klick
Bonnie Heather Littman
Paula Ann Miles
Abbey Lynn Posman
Beth Robin Schwaber

# Human Nutrition and Foods

Barbara Virginia Smythe

### Institution Administration Kelley lean Kiel

# Management and Consumer Studies

Rebecca Brown Danneman Kathleen Ann Denk Debra Lee Duvall Diedre Ayn Fields Scott Goldstein Beverly Denise Jenkins James Edward Jermyn Angela Lisa McDaniel Gary Ross Milwit Tia Kathlyn Plunkett

# Textile Marketing/Fashion Merchandising

Kimberly Irene Bean Tina Michelle Burnette Claire Elizabeth Crawford Joey Merryl Galpern Helene Marci Hoffman Dorothy Lynn Kranzel Sherri Michelle Marsh Susan Lisa Rachlin Deborah Louise Richardson Sybil René Smith

# College of Journalism Bachelor of Science

Susan Marguerite Brown Lisa Leigh Bjork\* John Patrick Callan, Ir. Richard Thomas Chizmar Angela Maria Duff Iulie Carol Edwards lennifer Lynn Ferrell lames Franklin Fream, Jr. Sonya Gabay Sonva Lynette Goins Vivian B. Gorin Angelique Sabrina Grav Teresa Laurie Haves Maureen Alice Heneberry Earl Woodrow Hicks Susan Elaine Humphrey Linda Alfreda Iones Beatrice O. Jordan Tanya Kater Ellen Langan Kobler Anil Kumar Kshepakaran Karen Elise Maros Lisa Michele Meyer Edwin Harlan Remsberg Martin Scott Roth Michael Anthony Seng Deena Corinne Spitzer lames Steven Talbott Caroline Kai Wai Tham\* Amy Veronica Trypus

### College of Life Sciences

### Bachelor of Science

### **Biochemistry**

Debra Lynn Bensen Jennifer Thuy Trang Bui Henry Hankyeu Choi Michele A. Exum Steve Joe Julia Shi Wen Jong Thomas John O'Farrell

### Botany

Tomas Nelson Lattik

### Chemistry

Michael Robert Boyd Paresh Mulji Majethia Andrew Scott Murphy Andrea Lynn Ries

### General Biological Sciences

Diane Bell
Humherto Ramón Campos
Vílchez
Andrea Claire Creswell
Brian Paul Devine
Katherine Anne Freeman
Sumita Guntakatta
Kurt Andrew Krupnick
Marine Blan Newman
Lina Nizar Sleem
Stephen Thomas Wildberger

### Microbiology

Jonathan William Hirsch Michelle Lea Hixon Cheryl Cory Lubbert Laura A. McKeller Andrea Liria Nicolás Amita D. Patel Stacey Updegraff Vanik

### Zoology

Kathleen Ellen Berg Rebecca Ann Kessler Patricia Frances Moody Adam David Sartwell Randi L. Swanson Naghmeh Tebyanian

### College of Physical Education, Recreation and Health

### Bachelor of Science

### Kinesiological Sciences

Michael W. Brodsky John David Bussard Kirby Lynn Davis Theresa Ann Haught Patti Lynn Klyde Mary Lou Lyons Stephen Scott McCarty Daniel Robert Plocki William Taft Tyner, Jr. Robert Anthony Wells

# Physical Education Carin Mary Peterson

### Recreation

Michelle Janette Andrews
Brandon E. Aris
William Michael Bailey
Michelle Dunay Beares
Stefanie Colleen Bliss
Melissa Ann deVergie
Vicki Wheeler Houck
Douglas Henry Ludwig, Jr.
Joseph Bernard McNeal
Hernan Francisco PadillaCestero
Melissa Ann Sachs
Lee Paul Schapiro
Roberta Lynn Sinopoli‡

### College of Undergraduate Studies

Bachelor of Arts Laura Anne Collins

Stephanie Jo Zolet

### Bachelor of General Studies

Margo Kress Bender Scott Richard Berman Kermelle Renee Boulware Regina Ellen Buchalter George Patrick Cargakos Michelle Rae Claery Christopher Mark Dellen Allison Ann Denson Mark lefferson Doran Gregg Michael Dougherty Patricia Lynn Dougherty Audrey Lynne Feldbaum Jane Offen Fleury lessica Fremson Iason L. Graham Karen M. Hamer Deirdre Hill Andrew Harris Kamiel Karen Klyman lacqueline E. Korolevich Kathleen Ann Leonard Lisa Marie Long Pamela Lynn Love Josephine Lucia Mazzitti Ann M. Parker Pamela I. Parker Bruce Elliot Rich Raylene Rachelle Salthouse David Ion Scheinberg lennifer Eden Sklar Eric David Solomon Denise Ann Taub Charles Patrick Teubner William Ragnar Thorsell Jane Billie Webb Erin Claire Wille Courtney M. Williams

### Certificate Programs

Applied Social Science Julia Ann Saunders

### East Asian Studies

Chris Takazato Bysura James Harvey Edison\*\*

### Women's Studies

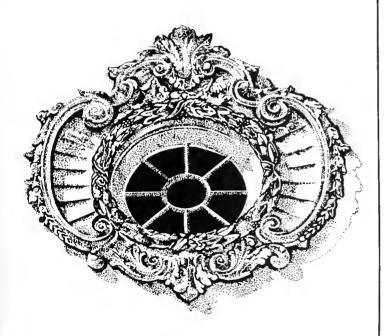
Audrey Lynne Feldbaum

### Commissions Second Lieutenants U.S. Air Force Reserves

George Frederick Fink James Parker Hanson Michael Ward Helvey Stephen Scott McCarty

\*\*Graduated May 1989

# CANDIDATES FOR GRADUATE DEGREES DECEMBER 1989



This decorative bull's eye window graces the front pediment of the Reckord Armory. Built in 1944, the "New" Armory, as it was then called, was the first used for commencement exercises on June 27,1945.

### Doctor of Philosophy

Mahmoud Ali Abdelnabi Poultry Science
Neurochemical and Hormonal Determinant of Sexual Differentiation

Mohamed Bassam Mahmoud Aboul-Nasr Botany
Studies on Baccharis Coridifolia - Myrothecium Species Interaction

Lawrence Paul Adamezyk History Italy at the Congress of Berlin 1878

Jeannette Diane Adams Physics
Time-Dependent Calculations in Quantum Hadrodynamics

Marina A. Adler Sociology
Gender, Income and Power in the Workplace

Naji Mohamed Al-Mutairi Civil Engineering
The Structural Feasibility of Using Welded Steel Mesh in Bridge Decks

Lee Armus Astronomy
An Optical Investigation of Powerful Far-Infrared Galaxies

Steven Page Badrich English
Secular Keats

Jacqueline A. Bahn Curriculum and Instruction

Linda Kaye Bass Entomology

Some Pathophysiological Effects of the Microsporidian Nosema whitei (Weiser) on the Reproductive System in Tribolium castaneum (Herbst)

Mary Teresa Battenfeld American Studies
Writing on a Battlefield: Women and Documentary Discourse in the
1930's

Gabrielle Elias Bedewi Business Management Multiattribute Acceptance Sampling Plans and Their Properties "A La Classical"

Mary Louise Bellamy Curriculum and Instruction
The Pedagogical Content Knowledge of High School Biology Teachers
and It's Relationship with Student Understanding

Irene Cheryl Berman-Levine Human Nutrition and Food Systems Food-Purchasing Patterns of Food Stamp Participants in Dauphin County, PA

The December 1989 class roster comprises degree candidates from the undergraduate and graduate programs at the University of Maryland at College Park. 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. Diplomas (for other than doctoral degrees) will be mailed by the Office of Records and Registrations.

### Raj Krishna Bhatnagar Computer Science

A Framework For Reasoning With Uncertain Knowledge

### Partha Pratim Bhattacharya Electrical Engineering

Real Time Scheduling Problems With Applications To Communication Networks

### Walton Burrell Bishop Public Communications

Cognitive Cybernetics and Human Communications: The Regulatory Effects of Prior Knowledge

### Martin T. Black Astronomy

Analysis of Gravity and Topography on Earth and Venus: Comparisons of Lithospheric and Sublithospheric Processes

### Rosalind Ann Breslow Food, Nutrition and Institution

Administration

The Effect of Calories and Protein on Healing of Pressure Sores in Nursing Home Patients

Judith K. Broida Education Policy, Planning and Administration The Impact of State/University Initiatives in Economic Development on the Autonomy of Higher Education A Case Study Of the Ben Franklin Partnership

### Raymond Wayne Bryant Special Education

Parental Preferences in Information Dissemination: Informing Parents of Disabled About Transition from School to Work

### Kathleen Michaela Burke English

The Oxford Novel as Bildungsroman: An Analysis of the Works of Six Writers

### David William Bushman Entomology

Diuresis and It's Regulation in Adult Heliothis Zea

Jane Marie Caffrey Marine-Estuarine-Environmental Science and Toxicology

Effect of Submerged Aquatic Macrophytes on Nitrogen Cycling in Sediments

### David Edward Carr Zoology

The Reproductive Ecology of a Dioeceous Understory Tree, <u>Ilex</u> opaca (American Holly)

### Gillian Rita Carty Roper Psychology

Foreign Students: Coping With the Transition to a New Culture: The Impact of Age, Year in College, Sex and Major Field of Study

### Edith Cassatt Special Education

Utilization of Peer Facilitations to Improve the Interaction Skills of Children Who Use Communication Aids

### Sharat Chandran Computer Science

Parallel Algorithms in Geometry

### Chu Rui Chang Electrical Engineering

Design Studies of an Electrostatic Quadrupole Channel for Transport of High-Brightness H-Beams

### Chun-Shyong Chang Business and Management

The Information Content of Taiwanese Financial Statements: The Case of Loan Default

### Jing-Chyi Chang Chemistry

Measurement of Absorption Line Widths by Transmission Profile Modeling and Pressure Effect in Sensitivity for Continuum Atomic Absorption Spectrometry

### Ruey-Shan Chen Entomology

Characterization of a Granulosis Virus of <u>Heliothis armigera</u> (Hubner) From Several Lepidopteran Hosts

### Jeffery Y. Chi Business and Management

The Design of Partitioned Distributed Database Directories

### Pen-Tai Chiang Mechanical Engineering

Development of An Intelligent Robotic System in Construction Automation

### Hwey-Ching Chien Electrical Engineering

New Device Modeling Approaches and Monolithic Microwave Integrated Circuit Design Techniques for GaAs Mesfet's

### Chang Sup Choi Aerospace Engineering

A Three Dimensional Assumed Stress Hybrid Element Formulation for Finite Strain Viscoplastic Deformation with Heat Generation

### Jung-Bum Choi Physics

Donor Spectroscopy and Magnetic Field Induced Localization in HgCdTe

### Tsai-Chia Chou Computer Science

Correspondenceless Techniques for Computer Vision

### Maura E. Clancey Public Communication

The Effects of Televised Sessions of Congress on the C-Span Audience

Mary Ann Camardella Corley Agriculture and Extension Education The Relationship of Field Dependent/Field Independent Cognitive Styles to Dropout in GED Instructional Programs

### Mary Lora Nossinger Crowley Curriculum and Instruction

The Design and Evaluation of an Instrument for Assessing Predominant van Hiele Levels of Thinking about Quadrilaterals

### Agnes E. Cuddihy Bio-Chemistry

The Evolution of Immunoglobin Kappa Genes in Wild Mice

Severino Endaya Cuevas Agricultural and Resource Economics Occupational Aspirations, Plans Beyond High School and Changes in Sophomore VOAG Students of 1980 - A Time Series Study

### Qian Cui Computer Science

Data-Oriented Exception Handling

### Steven W. Daniels Physics

Rapid Ionization in Argon Plasmas

Katherine Murphy Dickson American Studies Women Librarians Re-Entering the Work Force

Dimitrios Alexandros Dimitroyannis Physics

Measurement of the Proton-Antiproton Total Cross Section at the Tevatron Collider

Jane A. Doussard-Roosevelt Psychology

Feature Integration Theory and Perceptual Development

Frieda Sue Dowden Sociology

An American Dilemma Revisited: Racial Attitudes of Young Adults

Patricia J. Draper Mathematics

Pick-Nevanlinna Interpolation on an Annulus

Paul Douglas Drew Zoology

Regulation of Biogenesis of Chicken Embryo Liver by Heme

Robert Cameron Duncan Zoology

Genes That Modify the Expression of the Major Urinary Proteins in Mice

Jeffrey W. Durachta Physics

D=4,N=4 Supergravity Coupled to Super-Yang-Mills as the Low Energy Limit of the Heterotic String

Roger Diack Eastman Computer Science

Using Disparity Functionals for Stereo Correspondence and Reconstruction

Teresa Jo Eller Economics

Child Care Expenditure and Mother's Labor Supply: Evidence from the National Longitudinal Survey of Youth

Katherine Susan Epler Chemistry

Liquid Chromatography-Laser-Enhanced Ionization Spectrometry: A Synergistic Technique

Hassan Farhangi Engineering

Materials Fatigue Cracking of Hot Isostatically Pressed, Porous-Coated, F-75 Prosthetic Device Material

Tamara Felden Germanic and Slavic Languages Reiseliterature Von Vormarzlerinnen: Zur Literarischen Rebrasentation Der Geschlechterrollener-Fahrung

Sharon Hartridge Fettus Business and Management

Information and Congressional Decisionmaking for Infrastructure Investments

Scott Fish Mechanical Engineering

Ambient Free Surface Wave Modification by a Submerged Vortex Pair

John E. Forster Health Education

The Effects of Self-efficacy, Social Support, and Smoking Habits on Participant Success in Smoking Cessation Programs

Kikuo Fujimura Computer Science

Dynamic Motion Planning

Steven Dean Furbush Economics

The Effect of Portfolio Trading and Block Trading on Stock Market Efficiency

Gregory John Gadbois Physics

Bose Gas Boltzmann Equations

Judith A. Garber Government

Land, Law, and One Political Economy of One American City

Patrick R. Gartin Criminal Justice and Criminology

A Reanalysis and Critical Evaluation of the Minneapolis Domestic Violence Experiment

Mary Ellen Gaske Economics

Sources of Fluctuation in Long-term Expected Real Rates of Interest; Evidence From the UK Indexed Bond Market

Gerald R. Gems Physical Education

Sport and Culture Formation in Chicago, 1890-1940

David Ginat Computer Science

Decentralized Ordering of Contending Processes in Distributed Systems

Mohamed Nasr Gomaa Marine-Estaurine-Environmental Sciences Toxins and Toxicity of Abhanizomenon Flos-Aquae

Patrice L. Gordon Economics

An Examination of Wasteful Commuting Using a Discrete Residential Location Choice Model

Rachel Ann Grant Curriculum and Instruction

The Effects of Headings on Text Processing Behaviors

David Fred Graper Horticulture

Supplemental Irradience Effects on Petunia Development and Carbohydrate Partitioning

Michael McCenev Hagan Economics

The Economic Impact of Activity-Limiting Health Conditions on Couples

Christine Nanine Hall Marine-Estaurine-Environmental Sciences Using Impact Indices and Baseline Vegetation Data to Assess the Condition of a Wilderness

Karen Lucille Hanscom Counseling and Personnel Services
The Relationship Between Counselor Conceptual Level and Supervisory
Style in Brief Psychotherapy

Ray Hariri Civil Engineering

Acoustic Emission Investigation and Signal Discrimination in Steel Highway Bridge Application

Carla Ann Hass Zoology

Evolution and Biogeography of West Indian <u>Sphaerodactylus</u> (Sauria Gekkonidae): A Molecular Approach

Harold Angelo Hayden Curriculum and Instruction

A Study of Maryland Public School Principals' Perception of Their Special Education Inservice Needs

Leonard Arthur Hickman Counseling and Personnel Services Assessment and Identification of Alcohol Problems at Intake

Dabney Melissa Hilbish American Studies

Relax, It's Only a Movie: Representations of War in the Vietnam Combat Film

Terry Allen Hinch Public Communication

Viewing Religious Programs: A Comparative Study of Two Audiences

Don Carroll Hindman Education Policy, Planning, and

Administration

An Analysis of Leadership/Managerial Behaviors of High School Department Chairs

Peng-Kuan Ho Civil Engineering

A Model for Warehouse Location with Service-Sensitive Demand

Craig William Hofford Health Education

Adult Children of Alcoholics as Public High School Teachers: Comparable Risks for Occupational Burnout

Koren Alavne Holland Chemistry

Mechanistic Studies on ESCHERICHIA COLI Pyruvate Formate-Lyase: The Key Enzyme in Anaerobic Glucose Metabolism

Yu-Tai Hou Meteorology

Cloud-Radiation-Dynamics Interaction

Jun Ming Hu Civil Engineering

Analysis of Ductile Crack Extension in Plastic Fracture

Di-Hui Huang Electrical Engineering

Modeling GaAs Field Effect Transistors

Shie-rei Huang Computer Science

High Performance Heuristic Search Algorithms

Yennun Huang Computer Science

Resource Allocation with Fault Tolerance

Yuangeng Huang Computer Science

Scheduling Problem Solving

Scott David Hyman Physics and Astronomy

Inclusive and Exclusive Measurements of Positive Pion Absorption on Oxygen -16 at 165 MeV

Paula Brooks Jawitz Curriculum and Instruction

The Effects of Mental Imagery and Text Relevant Illustrations on Fourth Grade Reading Comprehension

Andrew M. Jennings Physical Education

The Effect of Perception of Performance Outcomes on Mood Following Exercise

Garry E. Jennings Government and Politics

Kyungsook Jeon Textiles and Consumer Economics

Photodegradation of Cellulose

Yoon-Tag Jeon Chemistry

Development and Synthetic Application of Electron Transfer Initiated Radical Cyclization of 2-Silyl Amine 2, -Unsaturated Enone Systems

Glen Henry Johnson Government and Politics

Limited Nuclear Options

Judith Ann Johnson Microbiology

Leucine Biosynthesis in Vibrio parahaemolyticus

Bruce Evan Jones Industrial, Technological and Occupational Education

An Analysis of the Percieved Effectiveness of the Maryland State Commercial Vehicle Inspector's Training Program

Bok G. Joo Computer Science

Adaptation and Integration of Program Components

Wern-Shiarng Jou Chemical Engineering

Influence of Molding Conditions Upon the Morphology and Properties of Semicrystalline Thermoplastics

Subbarao Kambhampati Computer Science

Flexible Reuse and Modification in Hierarchical Planning: A Validation Structure Based Approach

Robert William Kavash Chemistry

Application of Electron Transfer Initiated Photocyclization Reactions of Allylsılane-Iminium Salt Systems to a Natural Product Synthesis

Walter Lawrence Kehoe Chemistry

The Origin of Complex Fragment Emission from 47 MeV/nucleon Lanthanum Induced Reactions

Michael Patrick Kelley Psychology

Neuropychological Correlates of Schizotypy

Kathleen S. Mehrman Kelly Public Communications

A Critical Analysis of Fund Raising and It's Effect on Institutional Autonomy

Miriam Anne Kelly Health Education

An Evaluation of Impact of Three International Studies

Pamela Iean Kidder Psychology

The Effects of Participative Leadership on The Core Dimensions of Climate

Duck Joong Kim Government and Politics

Sino-Soviet Rapprochement in the 1980's: U.S. Perceptions and Policies Toward China

Jong Kee Kim Horticulture

Cell Wall Carbohydrate Metabolism During the Ripening of Tomato Fruit (Lycoperisicon esculentum Mill)

### Ki-Chung Kim Mechanical Engineering

Aeroelastic Analysis of Rotor Blade with Advanced Top Shapes

### Yong Hyup Kim Aerospace Engineering

Formation of Wrinkles in Thick-Section Composite Structures

### Judith I. Kirchhoff Government and Politics

Improving Political and Public Management Decisions Through Consumer-Centered Measurement of Human Service Systems Performance: An Approach and Application

### Susan Dorothy Kleimann English

Vertical Collaboration in Review at the General Accounting Office

### James Arvid Kling Business and Management

Competition at Airports Dominated by One Airline: An Empirical Analysis of Challenging Airlines' Strategies

Randall Edward Knack Measurement, Statistics and Evaluation Error Estimation Methods for Latent Class Models

### John Frederick Kuehls Electrical Engineering

Detection of Phase-Shif-Keyed and Direct-Sequence Spread-Spectrum Signals

### Vijaya Kumar Kuruganti Chemistry

Bio-Degradable Copolumers of Styrene and Polumers of Cuclic Acrylates and Substituted Ketene Acetals

Patricia Ann Nadolny Kusik Curriculum and Instruction The Effects of Vocabuladder, A Word Strategies Game, on the Retention of Meaning Vocabulary

### Cecile Ellen Fleurette La Grenade Food Science

Studies on Fusarium Moniliforme: Causal Agent of Equine Leucoencephalomalacia

Michael Paul Labare Marine-Estuarine-Environmental Sciences Interactions Between Biofilms, Focusing on the Marine Bacterium, Alteromonas Colwelliana-D, and Toxic Compounds, Focusing on Abate: Effects on Oyster Larval Settlement

### Byron James Lambert Chemical Engineering

The Effect of Morphology and End Groups on the Radiation Chemistry of Chain-Folded Polymers

Mary Ellen Lashley Policy, Planning, and Administration Being with the Elderly in Community Health Nursing: Exploring Lived Experience Through Reflective Dialogue

### Anthony LaVigna Electrical Engineering

Nonparametric Detection using Learning Vector Quantization

### Thomas Bartlett Lavoie Zoology

The Role of Immunoglobulin Diversity Mechanisms in the Function of Lysozyme and DNP Binding Antibodies

### Richard Wendel Leeman Public Communication

The Rhetoric of Counter-Terrorism: A Strategy of Response

### Susan Eleanor Lenk Zoology

Examination of the Mechanism of Ingestion in the Interstitial Ciliate, <u>Tracheloraphis</u> and Possible Implications of Feeding Structures in Ciliate <u>Evolution and Systematics</u>

### Wei-Chu Li Mechanical Engineering

Monotonicity and Sensitivity Analysis in Multi-Level Decomposition-Based Design Optimization

### Der-Cherng Liaw Electrical Engineering

Asymptotic and Geometric Methods for Stabilization with Application to Tethered Satellites

### Nanchang Lin Electrical Engineering

Reliability of Fault-Tolerant Ring Networks

### James Charles Lochner Physics

Chaos and Stochastic Analyses of Cygnus X-1

### Laraine Virginia Lomax Economics

An Analysis of the Divergence between Social and Private Costs of Wheat Production in the United States

### Chien-Rong Lu Physics

Study of Modulated Reflectance Spectra of Hgi-x-y Mnx Cdyte and GaAs

### Winston Thomas Luke Chemistry

Reactive Nitrogen Compounds in the Troposphere: Observations, Transport, and Photochemistry

### Robert Joseph Lutz Geography

Interactions Between Climatic Centers of Action

### Howard Bradford Lyman Sociology

Urban Primacy: A Cross National Study

### David Charles MacEnany Electrical Engineering

Optimal Stopping Problems Based on Partial Observations of a Markov Jump Process

### Ingham Arthur Gerald Mack Electrical Engineering

Characterization of Short Channel Mosfet's in Subthreshold

### Marisa Maiero Horticulture

Genetic and Mycotoxin Studies of <u>Alternaria solani</u> Resistance in Tomatoes

### Theresa V. Majewski Human Development

A Study of Relationships between Personal Characteristics, Generalized Assertive Behavior and Perceived Competence on Assertive Responses in a Nursing Context

### Joseph Gerard Mannard History

"Maternity of the Spirit": Women Religious in the Archdioeese of Baltimore, 1790-1860

### Joseph Ralph Manno Government and Politics

The Peace Corps: A Study of the Transition to Bureaucracy

### Kathi Denise Martell Business and Management

Aligning EHRM with Competitive Strategy: A Study of the Fortune 500

### Eric Anthony Martin Electrical Engineering

High Performance Undoped IuP/IuGaAs Heterojunction Insulated Gate Field Effect Transistors

### William F. Martin Entomology

Persistence and Movement of <u>Bacillus thuringiensis</u> Applied to Agricultural Field Plots

### Ann Marie Martino Government and Politics

The Deregulation of the OSHA-State Programs: The Role of Administration inistrative Subcultures in the Implementation Process

### Christine Morris Matthews Human Development

An Exploratory Factor Analysis of the Collins Locus of Control Scale in Black and White Graduate and Undergraduate Students in a Predominantly WhitD&public of Germany: Political Aspects

### John Gary Waclawsky Computer Science

Window Dynamics

### Robert Eugene Waltermire Chemistry

Stereoselective Synthesis via Furfurly Alcohol Oxidation

### Jinrong Wang Civil Engineering

Structural Behavior of Modular, Two-Way Prestressed Concrete Bridge Deck

### Wenyu Wang Mathematics

Statistical Inference of the Aggregated Markov Processes with Application to Modelling in Neurophysiology

# Marian Lorna White-Hood Industrial, Technological and Occupational Education

An Adolescent Perspective of Everyday Living: Emergent Voices

# Charles Joseph Whittaker Industrial, Technological and Occupational Education

Maryland High Technology Electronic Industry's Approach to Engineers' Professional Development

Wendy L. Whittemore Counseling and Personnel Services Facilitating Student-Environment Congruence During Orientation Advisement: Its Association with the Achievement and Retention of Undecided Freshmen

### Kelly Wilhelm Recreation

Journeys: The Dynamics of Small Group Specialty Travel

# George Henry Williams Education Policy, Planning and Administration

A Study of the Career Patterns, Job Tasks, and Job Satisfaction of Maryland's Public High School Principals

### Raymond John Wilson Psychology

The Interactive Effects of Caffeine and Personality on Autonomic Responses and Vigilance Performance

### Marilyn Link Winkelstein Health Education

Psychosocial Predictors of Smoking Cessation and Consumption of Sweets

### Diane M. Witt Zoology

Oxytocin Mediation of Sexual and Social Behavior in Female Prairie Voles (Microtus Ochragaster)

### Chao Wu Chemistry

Investigation into the Electrophilic Reactivity of 2, B-Unsaturated Acyliron Complexes

### Chan Hong Yeom Aerospace Engineering

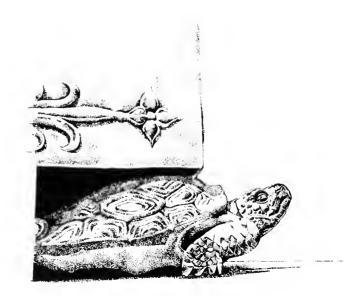
An Assumed Strain Finite Element Model for Large Deflection Composite Shells

### Shyan-Ming Yuan Computer Science

An Efficient Communication Structure for Decentralized Algorithms with Fault-Tolerance

### Ming Zeng Chemistry

Studies in Chemical and Biological Activity of Macrocyclic Trichothecenes



### Da-Wei Zhang Zoology

Inhibition by Hydrated Metal Ions of the Voltage-Dependent Closure of the Mitochondrial Channel, VDAC: Determination of the Active Species and Indication of its Mode of Action

### Yiquan Zhang Physics

Ion Acoustic and Entropy Fluctuations in Collisional Plasmas Measured by Laser Light Scattering

### Lin-Lin Zhou Chemistry

Preparation of Novel Biodegradable Polymerized Vesicles and Some Studies on Free Radical Ring-Opening Polymerization

Edwin Lawrence Zivi, Jr. Mechanical Engineering Robust Control of Magnetic Bearing Spindle for Tool Path Error Minimization

### Doctor of Education

William James AuMiller, Jr. Curriculum and Instruction An Investigation of the Relationship of Psychological Type to Achievement on the Maryland Writing Test

Margaret French Bartow Education Policy, Planning and Administration

A Study of Faculty Institutional Knowledge for Participative Decision Making: The Maryland Community Colleges

Carolyn Diane Garner Blue Policy, Planning and Administration An Evaluation of a Beginning Teacher Assistance Program in a Large Suburban School System in Providing Support and Assistance To New Teachers

Steven Paul Chasen Curriculum and Instruction
The Effects of Story Structure Instruction on Less Proficient Fifth
Grade Readers' Narrative Writing

Patricia Hubbard Emory Curriculum and Instruction
A Description of the Difference Between Oral and Written Retelling
and Their Effects on Reading Comprehension

Rita Lorraine Fulton Curriculum and Instruction
The Effects of Matching Teaching Style Cognitive Learning Style in
Gifted Students

Della Dameron Johnson Curriculum and Instruction Creative Dramatics and Ancillary Techniques as Instructional Strategies in Raising Teacher Trainers' Awareness of Gender Bias and Gender Role Stereotyping

Carolyn S. Johnston Curriculum and Instruction Preparing Intermediate-grade Students for Reading: Basal Reading Manuals and Teachers' Reported Practices

Clarence Edward Miller, Jr. Curriculum and Instruction Effective Secondary School Characteristics as Perceived by School Superintendents and Selected School-Based Personnel in Large Size Local Education Agencies

### James T. Orr Curriculum and Instruction

The Perceived Usefulness of a New Teacher Handbook on Becoming Acclimated to the Caroline County Public School System

Gary Michael Pryseski Curriculum and Instruction
Effective Secondary School Characteristics as Perceived by School
Superintendents and Selected School-Based Personnel in Medium Size
Local Education Agencies

Mary Evelyn Stong Curriculum and Instruction

Effects of First Grade Nonpromotion on the Achievement and Attitude
of Students at the Third Grade Level

Barbara Jean Peacher Stouffer Curriculum and Instruction A Comparison of Beginner and Experienced Teachers in Their Management of Classroom Transition

John Barber Witty Curriculum and Instruction Effective Secondary School Characteristics as Perceived by School Superintendents and Selected School-Based Personnel in Small Local Education Agencies

### Doctor of Musical Arts

Kevin Bradley Ayesh Music The Solo Piano Works of Robert Starer

Aeun Jhin Music

The Early, Unpublished Songs of Arnold Schoenberg

Randy Wayne Navarre Music Polyphony for Band

Gary Miles Stegall Music
"Solo Piano Music of Joseph Jongen"

### Tokyo

### Master of Education

Lynn Dee Baker

### Advanced Graduate Specialist Certificate

Manning Lee Smith Nancy Demmer Tarvin

### Graduate Certificates in Gerontology

### Doctoral Level

Linda C. Campanelli

### Master's Level

Donna Marie Cookson Margaret Katherine Rightnour Celia Shapiro

# Master of Applied Anthropology

Stephen Paul Austin Donald K. Creveling Jennifer K. Stabler

### Master of Architecture

Thomas John Bucci
Beyhan A. Cagri
Dowoong Lee
Cindy Kay Linkins
Gregory Stephen Packham
Suzanne Avery Patton
Worthington Peter Pearre
Charles David Piper
Joy Elise Munkacsi St. Landau
Thomas G. Vincent
Scott Edward Wilets
Sura Leigh Yakowitz

### Master of Arts

### American Studies

Frank W. Johnson IV Andrea E. Koder Juanita Blanchette Kus Hong Mei Sheila K. Webster

### Applied Mathematics

Kelley Ann Conneran Adel Ahmed Gharib Barry Warren Summers Allan David Williams

### Art History

Mariethérèse Juliette Barrett Kimberly Ann Jones Judith K. Lyon Louise Elizabeth Martinez Claire Carlisle Patterson

### Classics

Carine Julia Bamps Phillips Windsor Peters, Jr. Barbara Ethlyn Terry

# Communication Arts and Theatre

Richard A. Austin Bradley Stephen Boeke Hsiao-Hui Ho Gary Stephen Howard Mary Frances Kiley James Milton Lent III Stephen Barnet Meyer Gay S. Plungas Marvin Lee Pyles Robert Allen Rotenberry Gerard Alexander Selby

### Comparative Literature

Priscilla Mills Finkenstaedt Barmak Nassirian Pamela A. Solomos

# Counseling and Personnel Services

Amy Ginty-Ryan Alexander Betsy Alison Alperin lanice H. Altman Kathleen Ann Angeletti Linda Gail Brenner Barbara Mae Dantzler Michael Eugene Ellis Deborah Ann Gerrity Barbara Ann Gill Patricia Ann Lewis Beverly Rogers Smith Nancy Demmer Tarvin Deborah Jean Taub Matthew Joseph Torres Danielle Marie Wilkshire Debra Ellen Wolff Daniel Mark Woods

# Criminal Justice and Criminolgy

Lisa D. Bastian Sherri Darlene Miller Hull Louis William Jankowski Elizabeth Marie Marciniak

### Curriculum and Instruction

Elaine Pierrel Robey

### Economics

Antúlio Neves Bomfim Christine Anne de Voest Susan Beth Gantz Cheryl B. Hansen Chia-Shan Ho Stephen F. Knack David Phillip Miracle Benyam Tsehaye Kevin Paul Whorton

# Education Policy, Planning and Administration

Rosel Faith Halle

# English Language and Literature

Carlos Federico Acosta Christopher L. Bohaska Dawn Colleen Byrne J. Cassidy Chesnut, Jr. Kelly S. Ferguson Jeremy Charles Fisher Brianne Walsh Friel John Lance Fritz Alvina De Lazzari Long Sandra Leach Molyneaux Hanfried F. Nave Joonna Smitherman Trapp

### French Language and Literature

MaryRuth S. Reise

### Geography

Pauline Ann Crombie Cary Hauptman Gaunt M. Roselle Mullins George Brian Rimar Eli Moshé Rutstein Joseph Brown Thomas, Jr.

# Germanic Languages and Literature

Mary Ellen W. Atkinson Anja Erdmann Kate Hammerstein

### Government and Politics

Katanawadee Bhuyatorn James Brochin Stacey Lynn Campbell Robert Fouad Haddad David Lawrence Imbroscio Darrell John Kaeding Styliani Simoneti Linda Joy Titlar Dale Lee Tuttle John Lewis Whaley V. Ann Crusa Wyman Larry Edwin Yungk

### Health Education

Anne Anderson Sawyer Linda Joan Brafford Coral Sue Carey Alan David Goldberg John Frederic Kunz Jeanne H. Randall Masami Shimomoto Laura Jean Thompson

### Hearing and Speech Sciences

Christine Ann Cooper Janice Eileen Creamer Lisa Ann Stasik

### History

Donald Steven Brown
David Michael Contessa
Susan Mary Fitch
David I. Goldman
Gregory Clark Huffman
William Shawn Nelligan
Steven Kirk Ross
Mark J. Shmueli
Curtis Alan Utz

### Human Development Suja Elizabeth Ali Deirdre A. Fitzpatrick

### Industrial-Technological-Occupational Education

Robert J. Butrico, Jr. Peter George Kreysa Richard Anthony Munly Stephen Petrina

### **Journalism**

Margaret Louise DeBona Chang-yu Hsiao Ann Margaret Jenkins Raymond Augustus MacDougall Anne Patricia Martens Deidre Nerreau McCabe Martha Jean Phan Daniel Mitchell Portwood Laura A. Schaufert

### Linguistics

Lauretta C. Clough Rebecca M. Reese

### Mathematical Statistics

Jian-Lun Xu

### Mathematics

Erica G. Bernstein Daniel Thomas Flatow lames Ernst Helmreich

### Measurement, Statistics and Evaluation

Melody Ann Hertzog

### Physical Education

Linda Cook Clarke Paul Kevin Dawson Carol France Haller Thomas Michael Kepple Rosemary Schaffner Lindle Sharon Kay Morris Chervl Stevenson

### Psychology

Bethany Lynne Brand Inés Canabal Laurie Christine Dietzel Lee Andrew Edwards Beth Elavna Glass Sarah Kerney Gunnarson Ellen R. Iscoe Corinne Ellen Meijer William James Nordling Carol Joan Schatz Kathleen Elizabeth Wallner

### Master of Music

Timothy Edward Barnes Robert Scott Beard Youngkwon Choi Thomas Vincent Licata Gayle Diane Shay

### Master of Public Management

Mitchell Reagan Coffey Shawn Coughlin

### Ioint Business Management/Public Management Maurice Anthony Mansion

### Master of Public Policy

Reginald Anthony Parks Dennis C. Smith David Martin Wennergren

### Master of Science Aerospace Engineering

James Ellis Batt lames Eugene Demott Dwayne Allan Drake Manoj Gupta Peter Hickok Johnson Frederick D. Kim lang-Yeon Lee Iulio Cesar Montova Chul-Won Park Agnes C. Todorov

### Agricultural Engineering

Navrai Guptag Ted Holly

### Agricultural and Extension Education

Phillip Ndi Azah Susan L. Corning

### Agricultural and Resource Economics

Katharina Katterbach An Xiao

### Agronomy

Mark E. Radecke Paul Richard Shipley

### Animal Sciences

Kevin Avner Bernstein Biswaiit Biswas Lisa Ann Holden Patricia I. Madara Sanjay Kumar Mallipeddi Susan Mary Wogan Reiziss Karen Elaine Squiggins

### Astronomy

Be-Young Gir

### **Biochemistry**

William Paul Clark II Laura Ann Dickert Marco Anthony Scarpetta

### Botany

Nereide Gillmore Ellis Charles E. Orth Edward Benjamin Whereat

### **Business and Management**

Ana Lorena Delucio Sarita Fernandes Wesley Kirk Harralson Myung-Sub Lee Douglas Edwin Levy William Paul Murnane lu-Pan Tang Margo T. Thomas Marc Laurence Wangel lean L. Wolf Ian-Ru Wu

### Chemical Engineering

William Eugene Daniel, Jr. John Waring Gunter

### Chemistry

Fatima Abugideiri Michele Maria Condon leffrey Alan Dodd Bivun Im Irvine Dickey Swahn Khin Cho Thaung Scott Allen Wight

### Civil Engineering

Ana Cristina Medeiros Assis Rodney A. Brown Yazdan Tabarestani Emrani Dimitrios Constantinos Frantzis Irfan Hameed M. Andrew Ishee II Gary Eugene Johnston Michael H. Kim Kwan-Ling Lai Ku T. Lee Lori Pagnanelli Lehnerd Richard Alan Lewis Mohammed Raza Mehdi Mark Leon Miller

Ramesh R. Mullangi Ivan Christopher Noel laykant Dhirailal Parekh Eduardo E. Perez-Reves Mohammad Ali Porbahaie Carl G. Reitenbach, Ir. Stephen Matthew Simi Koreissi Maki Tall Natacha Blanche Elisabeth Thomas John Francis Treseler Harald W. Van Aller Deborah Harney Verderame Daniel Stovall Walsh Michael Ray Weaver Michelle Heather-Mae Webb Mansoor I. Zakai

### Computer Science

David Scott Doermann Naresh Chand Gupta Steven Andrew Heimlich Laurence Alan Herman Sze Nam Hong Anurag Khaitan Adrienne Helen Paiewonsky Kathleen Ann Romanik Ahmet Savar Carolyn Scott Rajeev Sharma Robert Alan Spangler H.V. Srinivasan Yu Chung Wong

### Electrical Engineering

Dean William Abrams Kevin LeRoy Anderson John David Bartusek Douglas Llewellyn Butler Tam-Thanh Camille Buu Stephen Sai-Lun Chan Hsiang-ti Chang Chao-Jung Chen Ta-Ming Chen Dong Kil Choi Wei-Hsin Chou Zafa Ullah Choudhry Wei-Tong Chuang David Frank Everett Jeremiah Vincent Finnigan John Vernon Garnett Michael Philip Gordon Hien Thuc Ha Yen-Ping Ho Yih-Ling Hong Sheng-Lung Huang Wan-lee Huang Tzvv-Wei Hwang William Allen Iones Survakumar Venkata Josyula Christopher Raymond Karabin Gregory J. Klein Andrew Steven Kopser Ienn-Sen Leu Li Dan Li Minmin Li Ming Liu Jason D. Lohn Allen Gregory Lukowitz Chris A. Mack Richard Eugene Maltagliati Baquer Mazhari Robert I. McCarthy, Ir. Karl Benjamin Middour Mbuomda Namondo Nasah Larry William Nemsick Scott Shannon Patrick Nam Chan Phamdo Perry Russell Rapp Serafin P. Rodriguez Michael I. Rudolph Carole Ann Salter Hasan Erdal Sarper Tariq Shabbir Ying Lian Shi Nicholaos D. Sidiropoulos Marlene Skopec Peter Su Anthony Teolis Katherine Anne Vavrina Kuansan Wang Keith Jake Williams Michael James Winings Xiaowen Xu Guu Chang Yang Gang Ye Chung-i Yeh Ping-Hui Yeh Long Yu Xiaodong Zhong

**Engineering Materials** 

Junhui Li

George Yousinger Richardson

Entomology

Frank Washington Ellis, Jr.

Family and Community

Development

Deborah Lynn Carter
Colleen Frances Dumais
Timothy Lewis Francis
Regina Uliss Frank
Lisa Zelazny Goatley
Beverly Jean Lucas
Jacquelyn Nasca
Ana Lourdes Portales
Margaret L. Rollins
Celia Shapiro

Food Science

Ivette Aguirre-Flores Sonia Judith Carrera Rodriguez Chen-Jang Liu Rodney Dale Morton Amy Susan Stellato Debbie Ann Taylor

Elizabeth Kelsey Vanden Heuvel

Geology

Susan Elizabeth Harrington

Horticulture

Scott Merlyn Aker Karen Ann Klozenbucher Michael Joseph Newell Jan Marie Principe Michael David Reinsel Brooks Kenneth Whitton Dingho Zhou

Human Nutrition and Food Systems

Naomi M. Benell

Marine-Estuarine-Environmental Sciences

James Tyler Bell Harry Thomas Hornick Linda Marie Hurley Charles Duval Lawrie Deborah Jean Morrin Timothy Allen Newberger Sharon K. Robers Ana Victoria Vázquez Nimish Bhanu Vyas Claudia Proctor Walters Su-Zan Yeh

Mechanical Engineering

Gregory Carey Braunberg Hungmo Chen Yen-Hsi Chen Jeffrey Joseph Dickstein Pedro Ivan Espina Steven Mark Hilgendorf Lewis Cheatham Hudson III Ten-Ken Hwang Un-Sang Ip Anshuman Johri Wen-Chang Kang lih-Forg Kao Sohail Ahmad Khan John Emanuel Konstantinou Anthony Joseph Kress Pradeep Lall Robert Edward Lotkowictz Mark Mitsuo Matsumura Salman Mohammad Robert Lawrence Munach Madu Sudan Ramavajjala Prathvirai Rao Rakesh Sehgal Win-bin Shieh Richard Larry Summers Gregory Scott Toms John Vodzak Ionathon David Watts Hsihsun Yeh Qin Zou

Meteorology

John Montgomery Cart, Jr. Jianhua Chen Paul Alan Frederickson Jianjun Zhang

Microbiology

Heather Lea Hall

Nuclear Engineering

Yue Guan Katherine Elizabeth Lamanna Stephen M. Marlo **Nutritional Sciences** 

Ela Shailu Saxena Ieanne D. Worme

**Physics** 

Jill Lynne Goldberg
James F. Grahl
Hong Hao
Li-Feng Jiang
Thomas Edward Kiess
Ying-Cheng Lai
Rui Li
Cornelius A. Morgan
Donna Lynne Naples
Mark Andrew Ormsby
Yeong-Ah Soh
Hidetsugu Tanaka
Randolph Frear Wild
Dahai Zhang

Poultry Science Frank Anthony Attard

Trank Antony Atta

Psychology

Timothy Joseph Pavlick Jennifer Leigh Wilkinson

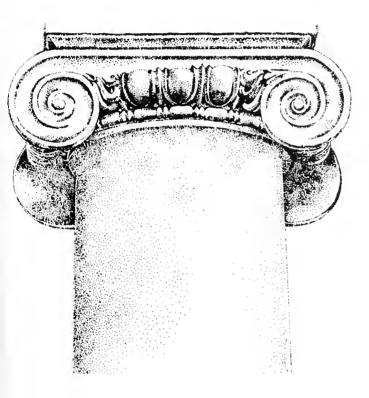
Textiles and Consumer Economics

Lisa Carpenter Baldwin Catherine Maureen Beeker Jessica G. Chiu Katharine Sunder Parparian Devki N. Sharma

Zoology

Maria Ines Castro Peter Thomas Fauth Karen Beth Firestone Elizabeth Ourania Johnson Cynthia Baldwin Smith

# CANDIDATES FOR UNDERGRADUATE DEGREES DECEMBER 1989



lonic style columns like this one appear on several buildings around the College Park campus, including the Physics Building, Main Administration, and several dormitories.

# College of Agriculture Bachelor of Science

# Agricultural and Resource Economics

Stephan Andrew Campanelli Kenneth James Colaianne lerry Crute. Ir. Olivier Iean de Raet loel 1. Flambaum leffrev Lee Goldman Adam Arthur Gossett Ricardo Manuel Hernandez-Solis Kari Elizabeth Hotchkiss Catherine Ann Kascak‡ Cristine Ada Kepple Ieffrey Ward Peterson loanne Pierdon Michael Prospero Ali Abukar Omar Scego John Stephen Spicer

#### Animal Sciences

Yves Thomas

Guy Robert Brauning\*
Erin Elaine Connor§
Kayce A. Cover
Paul Neal Dix
Kristine Marie Eckard
Elizabeth Ruth Fredericks
Timothy John Hunt
Renée Michelle Ovelgone
Sue Ann Schaefer‡
Donna Maria Stivers
Christine Marie Weickert

# Crop Science

Lisa Marlene Kaufman James William Lewis, Jr.

# Food Science

Elizabeth Louise Mello

#### Horticulture

Kathryn Sarah Ackers David K. Daley James Edgar Middleton, Jr. Anthony Don Radmer Gertrude Holman Riedel Donna Lynn Sanders Gavin Morton Stannard Cyrus Victor Swett, Jr. Lorna Carolyn Wilkins

# Natural Resources Management

Jeffrey Russell Bryer
Patrick Dennis Carroll
Jennifer Elizabeth Cassells
Ralph Lee Dingess, Jr.
Paul Vincent Genovese
Laura Jean Howard
Elizabeth Ann McClunin
Scott Guyon McGill
Debra Morris Sullivan§

# Soil Science

Norbert Vidamo Novicio Christopher Charles Sledjeski

# Turf and Urban Agronomy

Vincent Ronald Lawrence Belle David Gordon Burkhart James Daren Fisher Kenneth Bobby Ingram Bruce Gordon Zickafoose

# School of Architecture

# Bachelor of Science

Theodore Tucker Amos Jack Hilberth Hettchen Peter Briggs Hoffmann Lee M. Kim Jordan James Levin Joelle Christine Masse Agnes A. Panganiban Ling Chee Poon Brian Anthony Stone Christopher Thomas Williams

# College of Arts and Humanities

#### Bachelor of Arts

# American Studies

Michelle Lynn Block
C. Kathleen Connelly
Maria Luisa Hegedus

Susan Veronica
Hufnagel
Jill Lynn Minsky
John Anthony Moody
Rose Helen Rosin\*
Eric M. Schwelling

# Art History

Christi Michele Barnes
Maeve Brophy
Sandra Ricker Bruner
Valerie Elizabeth Clark
Robert Jackson Dean, Jr.
Susan Melissa Epstein
Lori Louise Green
Rebecca James Hamilton
JoAnn Katzenstein
Katherine Marie Kelley
Abigail Brynd Mitola
Julia Heather Wadlin
Dara Lynn Wallace
Elizabeth Linley Widmann‡
2nd Major: Interior Design

# Art Studio

Hassan Mustafa Al Atrash Ioyce Ann Burroughs John Ryder Clark Karen Yvette Colbert Donna Marie Corley Terri Dawn Friedman Mary Beth Gigstad Maria Luisa Giorla Helen Shenk Good\* Patricia Ann Gura Stephen Dean Hill Stacee Lynn Kramer 2nd Major: Art History Kathryn Mary Maloney David Joseph Mathews Teresa Ann Mossi§ Victoria J. Phillips Patrick Kennedy Regan Thomas Lee Scott Thomas Goodin Sudbrink Narvia Michelle Summers Eugene Rushford Walker Rodney Eugene Warren Sharon Anne Wozniak David Leslie Wright

# Classical Languages and Literatures

Eun Mi Kim

#### Dance

Todd Eugene Ford Tyler Martin Packwood Dana Michelle Rubin

# East Asian Languages and Literatures

Mark Stanley Bykoski William Lee Howell Hyong Kon Kim Suzanne Andrea Macuk

# English Language and Literature

Arilla Akgun Kenneth Mark Baron Teresa Elaine Beck Kimberly Dawn Bell Laura Jane Bellows-Ancasi‡ leffrey Eric Biggs Ionathan Allen Blake Elizabeth Ann Borda Susan Mary Brocato Vincent Mark Brown Jeffrey Craig Capley Adamandia Pandora Carson Vincent Anthony Colianni Carolyn Marie Colley Laura Kathryn Congleton Mary Ellen Cox Stephen Miahcel Cranford Kristin Elizabeth DeYoung Christopher James Dunphy S. Caitlin Evans Natalie Frances Fielman Kathryn L. Fischer Kimberly Marlyn Flax Michael Shea Flynn Darryl Christopher Freeman Sandra Michelle Friedrick\* Colum Iude Gatens Iennifer Marci Gobel Warren Lee Greenberg James Anthony Guerra‡ Wendy Sue Hardegen Bridget Martha Harkins Iulie Ann Hoffman

Patrice Lynn Householder Tamera Lynne Ireland Jacqueline Bouvier James Gregg S. Khedouri Amy Lane Krause Kimberly Lane Kridler Richard Thomas Labonski, Ir. Sean Patrick Latham Leslie Sue Layton Daniel Robert Lewis David Alan Lidz Kelly Patricia MacKenzie Sarah Pierce Mansur Tracy Ann Martindill Iodi Lynn Masino Richard Andrew McClellan Carla Gail McKay Jane E. Metcalf Christopher Jay Minesinger Iudith Lynn Mollen Susan Talbot Moynihan Heather Anne Nugent Carherine Suzanne Olds Philip Pearlman Luis Eduardo Peraza lane Kammer Powers\* Carl Joseph Quick III Steven Lee Railsback Kenneth Joseph Ramsey Thomas Matthew Reilly Andrew Ioel Relkin Eric Scott Renkoff Kitty Katherine Royer Frederick John Scully Lisa Lynne Sedgwick Jessica Lynn Semones Colleen Ann Shaffrey Anish N. Shah Donna Ellen Shatzer Esther K. Siegel‡ David B. Simms Donna Lynn Sovaiko Akio Joseph Stribling Iames Patrick Sullivan Susan Marie Thorsell Kirk Sulton Troy Christopher Joseph Ulep Daniel Kurt Virgilio Margaret Goodhue Whittemore Kathleen Elizabeth Wiley

Catherine Jane Young

# French Language and Literature

Maria Cristina Barbosa Laura Alice Bodtke Lucy Michelle Delaney Caroline Marie-Aurore Lynch Carla Doerte Roberts Michael Dean Schank Akia Margrethe Talbot Nadège Lea Thadey

# Germanic Languages and Literature

Karen Elizabeth Burkett Melinda Peevy Locke Kathleen R. Noe Jeffrey Brian Stanton

## History

Richard R. Abate Julie Ann Archer Bridget Andrea Beaudoin Christopher Paul Becker Derrick Stacy Best Herbert Brewer Sallye Ann Clark Michael Austin Ferrando Peter Andrew Fitzpatrick Evelyn Miriam Freedenberg Steven Henry Gans Philip B. Gerhard Patrick Michael Hannon Valerie B. Hepner Mark Alexander Keefe IV Eun Hui Kim Alexander R. Komons Francis Patrick McKenna, Jr. Timothy Michael Nalley Kathryn Gail Norseth Carlos Rafael Osorio Elizabeth Garnett Ostdiek Ellen Margaret Owens 2nd Major: Government and Politics Raymond W. Rossomando, Jr. Ionathan R. Sennett\* Tara Ann Spigai

Jordan Michael Steinberg

John Richard Stillwagon, Jr.

Neil Scott Stulman Stephen Bernard Van Zutphen Sidney Lynn Wheeler Raymond Owen Winch

## Linguistics

Norma Bernice Belt‡ Mark Stanley Bykoski Laurel Anne LaPorte-Grimes‡ Naomi Leah Ruff‡ Martha Sears West

#### Music

Nicholas Bartolomeo Walter Spottwood Cosby David J. Hollender Jeanne Martin Thomas Gerald Partington Joseph Robert Russo Linda Ellen Walborn Glenn M. Wiser§

## Philosophy

David Lloyd Boothe, Jr. Karl B. Celarier James Vincent Johnson, Jr. Thomas Brenden Lacey‡ Sung Yi Lee William Irvin Martin, Jr. Micheal Raymond Smith Jitendra T. Subramanyam Tamara Lee Wilson

# Radio, Television, and Film

Donna Michele Anderson Kami Michelle Arbnot Ion Stuart Bass Pinar Mutlu Bevgo Scott Robert Boettle Steven James Bramhall David Michael Brown Michael Preston Brown Cassandra Alecia Catignani Pamela M. Chinsky Lisa Louise Cooper George E. Damon Gina Lynn Dobson Evan Stuart Fleishman lames Francis Geist Kimberly Ann Green Daniel Allen Gulick

Andrew Morgan Hanks Roy Harris III Connie Lee Haugen Michael Alden Harvey Amanda Elizabeth Haves lodi Lynn Hough Tyrone John Hunter Kristi Lynn Hurd Muara Catherine Johnston William Lawrence Kalench П Zenobia Maria Khan Julie Ann Lockett Daria Loveiov Lisa Marie Maitland Kalle Makalou Daniel I. Marks Cassandra Renee McCree Lisa Lyn Morgan Ann Moriarty Sheri Lee Moser Diane Louise Norton Iill Evangeline Patton Clinton Thomas Richmond, Ir. Daniel lames Rogers Michael René Routhier Michael Carter Rusk Stuart A. Sachs John Edward Schneider, Jr. Gerard Seabrooks Marc David Siden Stephen Todd Smallwood Gary Howard Stern Diana M. Stewart Thomas James Swales, IV Jeffery S. Tarbell Patrick Leo Thorpe Thomas Nicholas Togneri Nicholas Jason Voudouris Adam Walderman Matthew Earl Wattay Steven Robert Wellington

# Ann Louise Wigginton Romance Languages Maritzah Elizabeth

Thomas Edward Wenz, II

Cavemitte

Irene Suhail Hishmeh Katherine Beatriz Ruiz

## Russian Area Studies

Todd Charles Glass
2nd Major: Government and
Politics
Cary Francis Miller
Lindsay P. Orkand\*
Thomas Lavern Tanner, Jr.

# Russian Language and Literature

Natalie Astahoff lames C. Dwyer

# Spanish Languages and Literature

Beverly A. Abreu
Mark Alan Chalkley
Mary Carmel Clem‡
Holli B. Glaser
Cynthia Ann Greene
Ji Un Lee
Rachel Aimee Lewis
Mary Elizabeth Mullaney
Patricia Ann Murphy
Andrea Ximena Sanchez

# Speech Communication

Timothy King Baer William A. Bayer, Jr. Elizabeth Pearson Bouchard Gregory Jay Brod Michele Caprice Alleesha Marie Cougnet Leslie Marie Cunningham Christina Helen Myers Duckworth Gale Elizabeth Fernow Gregory James Filippo Margaret H. Finley Benjamin James Flyr Laurence Iav Geller Claudia Tourinho Guimaraes lennifer Faith Hechtman Natalie D. Klein Patricia Suzanne Leidig Mindy Sue Levine Kelly Ann Lincoln Heidi Lynn Lohrfink

Kirstin Iudith Morey Kelly M. Nugent Christine Ruth O'Donnell Jill Shannon Pretzer Jennifer Ann Ralston Ronald J. Robertson Jennifer Eve Rochkind Christine Carol Sahli Susan Lynn Schmidt Dorethea Ernell Smith lane Allyson Swider Irene Marie Taylor Stephen David Truitt Craig Phillip Weiss Stephanie Jill Young Neil Joseph Zuckerman

#### Theatre

Tracie M. Ashby Ellen Betsy Ben-Ami Rochelle Heath Mary Lawrence Kuh Teresa Marie Mason Thomas William Musser, III Marlene Helen O'Haire Maria Anne Reeves Alexander C Totz

# Bachelor of Music

Carolos Manuel Cantu John Rogel Yuh-Ching Sheu Yang

# Bachelor of Science

### Advertising Design

Lisa A. Antonio
Holly Kristin Copus
Charles Crist Craver
Kristine Marie Gillespie
David Alan Knabel
Pamela Lynn Krausman
Diane Clark Kredensor
Christina Anne Schuchter
Eunjung Shin

## Housing

Michaela Jane Bilstad

## Interior Design

Beverly Ann Alig Shai Anzilewitz Limor Dekel Carrigan‡
Nancy Ann Conway
Shoshana Datlow
Valentine M. Davies
Charlotte Dumas
Liza Feldman
Sondra Lynn Kollander
Kimberly Ann Norris
Maria Raquel Pereira
Marc David Pomerleau\*
Leslie Marie Redding

# College of Behavioral and Social Science

# Bachelor of Arts

Afro-American Studies Carolyn Patrice Opher

# Anthropology

Peter Kline Cassel
Judy R. Hankin
Eugene Franklin Morris
Carey Ann O'Reilly
Dwayne Webster Pickett
Dorothy McVernon Ray
Simon Barry Weavers

## Criminal Justice

Michael L. Anzallo John Louis Bagileo Mark Cameron Brown Thomas Steven Bruce Albert Joachim Buckwalter Christopher George Byrnes Debra Ann Ceitlin Rhonda Gayle Cohen David John Crowther Kristen Dailey Tracy Lynn Deen John Andrew Di Camillo Iason Earl Edwards Michael Igor Fedor John Raymond Fitch, Jr. Dimitrios Fragoyannis Michelle Reneé Fryr Kelly Ann Gang Timothy Glen Gillespie M. Scott Glasser William Gerard Glynn

Yvockeea Kim Grav Scott David Grossman Matthew Peter Gustat IV Barbara Michelle Hanbury Sharon Michelle Herriman John Peter Himchak, Jr. leffrey T. Hoffman Tracev Marie Hornsby Christopher Recardo Iohnson Mark Leishear Julian Brian David Koelsch Kimberly Dawn Kunowsky Armand Eugene Lembo, Jr. James William Lomker, Jr. Edron Rufus Lonaberger, Ir. Daniel Franklin Luckabaugh Richard Andrew Leuders John Christopher Lutrario James Andrew Markey Carmen LaShaun Miller Martin Bernid Milwood Ricardo A. Morillas Michael Curry Moscoso Tod Matthew Muollo Geoffrey Charles Nathan Deanna Beth Perlmutter Gina Teresa Pignataro Tracey Lynn Pivik Ionathan Nison Pollock Wayne Richard Reisberg Regina Marie Ricciuti Annika Lisa Riegert Sonji Veniece Roach Curtis Blaine Rose Cynthia Marie Sayer Robert Louis Schap Dona Emilie Schmidt Scott D. Sheppard Valerie Montina Simpkins Cassandra Linda Smalls Peter Warren Spaulding Gregory Lee Stogo Sandra Leigh Suit Maria Patricia Tonrey Dianne M. Venit Denise Marie Vickers

# Criminology

Paul John Boehme

Richard Frank Bustillos Steven William Canty Lucian Maria Carter Susan Elaine Christ lames Kenneth Davis Ienelle Annette Davis Michele Ann Guss Joseph Emil Hairston Kellev Lee Hardesty Thomas Lee Herman Scott Michael Hinckley Jennifer Lynn Olsen lames Lawrence Perhach Jeffrey Scott Speck Edward Thomas Weiss Wendy Ann Williams

#### **Economics**

Eden Castro Araquel Christopher William E. Baker Maria Cristina Barbosa Sandy Benjamin Becher Mary Elizabeth Begey Kevin Francis Bender lav M. Berman Todd Michael Blakely Stephen Robert Bohse Alexander Bollman Arthur Colin Bonds Richard Evremonde Bourdeaux Bernadetter Braun Clarinda A. Capole David Louis Cesarini Jennifer Kris Collier David Creekmore Roiwena Racion Cruz Stephen Michael Darcy Dara Ailene Day‡ Margaret Del Castillo Brian Northrup Deppa Richard L. F. Diehl Robert Lee Dolan, It. Michael Dougherty Thomas Randall Dyer Craig Howard Effrain‡ 2nd Major: Government and Politics Arthur Joseph Emerson John Joseph Farley Raul J. Fernandez

Robert Joseph Fischer, Ir. John Joseph Fogarty 2nd Major: Government and **Politics** Mark Samuel Friedman Daniel lames Gallagher Abhijit Ganguly Maurice D. Garland Rhea Varina Garnes Karl Howard Garrett leffrey Alan Geller Richard Joseph Gloekler William Matthew Goodwin Monique Marchelle Gregory Tracy Yolonda Hardy William Robert Haskin Maury M. Hodak Stephen Anthony Hoffman William Lee Howell Walter Wha-ta Hsu Ionathan I. Jones Kymberly Krystel Kelly Ashish Khosla Eric B. Klingel Donieta Ieni Kneessi Steven Paul Knott\* Thomas Andrew Kolsun Krishna Kundu Michael Dale Lambert Christopher Michael Lamon Arvind Fredericks Lemuel Ronald Dela Cruz Lerum Nancy Suzanne Linton David Thomas Lisle Jeffrey Philip Lobel Catherine Gloria Logsdon Soterios George Louvis Qiang Ma‡ lames Edward Marshall II Gary Brian McKee Michael Curtis Merchant Andrew Geier Mortimer David Leahan Mortimer Paul J. Mraz, Jr. Suet Man Ng\* Patrick Joseph O'Neill

Michael Frederick Pasco Arthur Douglas Peardon, Jr. Joseph Benson Perrie Michael Charles Peterson Marc Andrew Polansky 2nd Major: Government and **Politics** Teresa Catherine Poulos Michael Stuart Preis lovce Diane Pryor Tania Vieira Romero 2nd Major: Sociology David Allen Romoser Marcia Alves Rosado Patricia Brett Rose Ramsey Scott Ross Stephan Nagib Saba William Alexander Samples Michael Robert Schueler Matthew David Schuster Howard David Schwartz Bryan Kevin Sewell Lisa Marie Shrewsberry 2nd Major: French Chi Ki Sit Sean Scott Smith Matthew Thomas Souter Zavier Daniel Stachura, Ir. Konstantinos Stavros Stathes lean F. Steffen Robert Subrizi Ioshua Ross Summers Dana Lynn Sutphin Christopher Douglas Tang Georgia S. Tsakos William Earle Vaughan, Ir. Michael Robert Villarreal Angus Alexander Watson, Ir. Michael Allen Wellens Scott Allan Wheeler

## Government and Politics

Jaime Winthuysen Aparisi Alfonso Del Rosario Baes Robert Arthur Baird Christopher Allen Baker Julia Lynn Ballesteros David Amir Banisar Della Marie Bankert Kenneth DeLane Banks

Courtney lo Barr Victor Iose Baselga Martha Patricia Bazurto Colleen Kelly Benbrook Geremy Bernstein Glenn Edward Blanchard loseph Christopher Bowes Francine Louis Brady Alan Lee Brubaker Ian Scott Bruce Joseph C. Bryce‡ Mariagrazia Caminiti Anthony Joseph Camitelli Stephen Paul Candelmo John Patrick Capotosto Clarence Catoe Michael Eliot Chapnick Valery R. Ciancio\* Maria Elisabeth Covaud\* Victor Lawrence Crawford. Jτ. David Victor Cristofano Tracey Lynn Culpepper Michael Fredrick Cyr Christopher S. Dade Joseph Ryan Daiger Richard S. Dav Barry Isaac Dickman Nataliia Slobodan Djurickovic Valerie Ann Ellerson Kurt David Emde Anthony Patrick Fahey Steven Thomas Fleming lames Michael Forand Douglas Allen Gardner David Allen Gelenter Carol I. Gibson Stephen Glenelg Goertemiller James Lyle Gregory leff Samuel Gurman\* Dawn Elizabeth Haas Derek Boyd Hankerson losé Tutty Harris Kenneth Louis Heller John Down Heritage David Todd Herman John Cassidy Hines

John Francis Holbrook

leffrey Irwin House Lisa Lyn Jennings David Patrick Johannes Milton Aquirre Johnson Douglas Stuart Johnston lennifer Iones Ioulwan Georgina Christa Kassatly Frantz Emmanuel Kebreau Christopher James Kellev Patrick McAndrew Kelly Thomas Wesford Kinnane Douglas Leander Kirk Adam Benjamin Kleeman Beth Ellen Kohn Michael Ross Kopelman John Jay La Valle Erich H. Lee Sarae Tonya Leuckel Andrew John Lewis Jay Philip Lipner Peter Jordan Lipstein Kathy Emily Littleton John C. Manougian John Robert Marshall Nathaniel Varney Massaguoi II John Joseph McCloskey Arveece Territa McCorkle Lorena Lee McCracken George Terrell McCree Mary Wheeler McWhite David Gerald Miller\* Christine Elaine Miskowski Freddy S. Moreno Matthew Sean Mulligan Marco Domenico Murari Edilson Santiago Muniz Edward Patrick Murphy 2nd Major: Philosophy Sandra Michelle Nafis Nicholas James Nerangis, Ir. Scott Thomas Nixon William Christopher O'Brien III Jonathan Anders Olson Thomas Pagonis Joseph Allen Peacock Craig Harold Piercy Michell P. Pietz Annmarrie Pisciotta Mark Alan Polischeck

Daniel Patrick Pomykala Pradeep Kuman Ponnuswamy Tv McDonald Poole Bruce Harrison Powell Matthew Shane Quick Sandra Carol Reaves Philip Lee Repass Jennifer Anne Rettig Byung Min Rim Manuel Joseph Rios Sean Tracy Rochee Jeffrey Lowell Rubin Byron Kevin Russell Joseph Anthony Scanlon Jason James Schon Jeffrey Xavier Schumacher Kimberley Sue Schuyler Onike Bendol Sherman lris Brigitte Shetterly Jeffrey Leigh Shields Patricia Lynn Simpson Jennifer Lynn Smith§ John Leonard Smith Ralph Daniel Smith Mary Ellen Spalding # leffrey Paul Sparhawk Anne Spiegelthal\* Douglas Richard Stabile John Alexander Straus David Clayton Teague Octavia Thompson Lawrence Thomas Trifiletti Iane Marie Trov Donna Fave Vickers David Charles Vigilante Michael Dwyer Walsh John Peddy Watson Reneé Theresa Wilson Hal L. Winter Edward Leo Wisenbaler Elizabeth Jane Wivel Scott Nam Woo Ruben E. Yui Alan Charles Zagier

# Hearing and Speech Science

Karen Jane Carson Lisa Merle Craven Maureen Koopman§ Kelly Marie Reed Ellen Georgia Spiropoulos Tracev Lynn Williams

Psychology

Myriam V. Abeni Linda Frances Adams Katherine Ann Adcock Mirlene Andre Kathleen Renne Arata Rebecca Jane Arena Karen Stacey Bank Robin Stacy Bankoff Everett Henry Bayliss, Jr. lacqueline Ann Beaudoin Lisa Pauline Berkowitz\* 2nd Major: English Tobias Paul Bettin Aaron Shawn Bladen Beth D. Boyd Diana Louise Boyd Paul Martyn Bress Donald Lee Cooksey, Jr. Leonard F. Coy Michelle Marie deLorimier David Wilson Diggs Mary Kathrine Dudley Susan Eanes Carla Louise Edmonds Iames N. Edwards Yvonne Faith Evans§ Bernice Bing-Yian Fang John Fitzgerald Flannery Louis Lamont Fletcher Caroline Lovelace Frazer Rebecca Ellen Gaines Katherine Henri Goettelmann Mashid Hajir Todd Garrett Handelman Laura Colleen Harris Michael C. Heitt Gail Mellissa Henderson Marie René Hodges Rory Mark Holley Sonia Lisbeth Jarama David Michael Jastrab Charlette Jean Jefferson David Shawn Jessup Debra L. Jiles Theodore Thomas Kadala Michael Sean King

Lori Ann Klein Razia Fathima Kosi 2nd Major: Radio. Television, and Film Eleana Kubi Roslyn Ilene Lichtenberg Beverly Kay Liddel Stacev Faith Limansky Rebecca Middleton Ljungquist Shanaz Nacy Massoud-Judge Brigid Mary McAskill Melissa Kay McDowell Margaret Muraine Meyer Sherry Ann Minniti Amy Elizabeth Morgan Cynthia Anne Morgan Andrea Marie Morris Lynette Ann Nichols Candice Maureen Perez Patricia Maria Porro Raina Monika Rath Orli E. Robinson Catherine Rose Rondano Michael David Rosenfeld Yvonnne Annete Ryan Robert Michael Schaub Dana Robin Seeman Katherine Marie Sp[ratt Keith Johnson Statom Alicia Ann Stephany\* Lucia R. Taboada Angela Marie Taft Valerie Kim Thigpen John Paul Thomas, Ir. Chervl Marie Vance Catherine Rose Veazey Michelle Ann Wald Timothy Daniel Wallenmeyer Kathy Lynn Wells Jane Ellen Williams§ Denise Patricia Wray Holly Lorraine Wright

Sociology

Tracy Lynn Abbott Kathleen Mary Ballenger Diana Lynn Barbarisi Jodi Lynn Blankenship

Andrea Hope Bloom Eileen Marie Bresnahan Stephen Elliott Broadman Richard Michael Campana Janice Elizabeth Camapbell Lorraine Athena-Victoria Campbell Domini Helene Cassis Iennifer A. Clark Michelle Antionette Collins John Andrew Cook Norva D.W. Countess leffrey William Cronise Christopher Samuel D'Avanzo\* Eric Spencer Diegel Thomas Henry Eigelsbach Eric Thomas Elder Deborah Ann Fonner Rebecca Hardin Getsinger Jeanne Theresa Handren Sarah Elizabeth Hardy lessica Hav Penny Frances Haywood Michele Steirt Heilbrun Corinne Leslie Hersh Tabitha Kimberly Hill Cassandra E. Hodges Diana Patricia Hohl Leah Rose Hollander Venessa Marie Hymes Lateau Detiste Iones Jennifer Lauren Kay Elaine Marie Kirkley Rose Kitt Kling Douglas W. Koehler Shahina Parvin Kureshi Cynthia Ann Lee Ju Yung Lee Lori Janee Madison Ellen Elizabeth Maillar\* Lorena Lee McCracken Ellen Tracey Millstein Myrna Thea Mitchell Andrea Leonor Montoya Barbara E. Murphy Nikki Denise Penn Stephanie Nicole Phillips Vicki Y. Pigford Kathleen Ann Rahe Nancy Michelle Reinstein

Douglas Wesley Robinson Christine L. Rohlfs Sheri Ellen Rosenberg Roxann Rochelle Russo Daniel Benjamin Sarubin leanette Schindel Rebecca Lyn Schuette‡ Robin Constance Shideler Paul I. Sholtis Lvnn Harriette Shwaiko John Frederick Siegenthaler\* Deidre Anne Silva Bradley Tarlow Wendy Beth Traub Paul Gerald Ullmann Penny Daniel Wallace Laurie Sue Weitzman Raymon L. Wener Ioan Elizabeth Yaffe 2nd Major: Psychology

## Urban Studies

Cynthia Lynn Anderson 2nd Major: Sociology Suzanne Min Berman‡ Michele Suzanne Denault Ross Howard Epstein Beatrice Brown Evans Jean Bernard Gaudino Mitchell lay Greenberg Ernest Gumbs Timothy Glenn Maddox Nathania Anna Branch Miles Seyedhamid Sahiholnasab Richard Schwartz Steven Bruce Schwartz Steven James Snyder Christine Lee Stewart Robert T. Thomas Bryan J. Ward Michael Joseph Weigman

#### Bachelor of Science

# Geography

William Hadley Adams Thomas Eugene Benassi Carolyn Victoria Bloom Deborah Helen Ford Kevin Gary Hosey Wesley Anthony Matheu Anthony Kenneth Mc Graw Kevin Michael O'Donnell Dana Henry Peters James Tyler Seabright Charles Harry Wolfe III

# Psychology

Jin Ah Choi Angel Sandoval Daly Manisha S. Deshmukh Preety Kumar Timothy Guy Mefferd Jeffrey Allen Metzger\* Keesha L. Powell Wendy Rae Rodano\* Christian Hall Rose Josh H. Salmanson Sandra Faye Small Maria Elizabeth Vonakis Victoria Marie Wegener Joshua Tobin Wies Nancy Anne Yates

# College of Business and Management Bachelor of Science

# Accounting

Barbara Dale Baney William Edward Barkdoll Roxanne S. Beaman Laurie A. Bernecki\* Laura Jane Bezila Robert Kent Biggs Rosalind M. Bowen\* Karen Elizabeth Bruff Susan Mary Buehler§ Laura Jeanne Camper Gary Dean Carswell Anna Michelle Chanev\* Hui la Choi Joan Margaret Chroniger Elizabeth Joyce Cohen‡ Michael H. Comer Matthew Nelson Davis Edgar Benedict De Leon Cynthia Carole DeLillo Lisa Ann Derkazarian

Curtis Maurice Dillon Darryl Keith Dugan Kimberly Ann Dugas Giles Joseph Erwetowski Marco Antonio Estrada Bridget Frances Ferst Robert Manly Flake III Karen Michele Fugate T. Keith George‡ Eric Robert Gerstein Zane Marie Grav Scott Walter Haass Richard Thomas Harrington Kenneth Brian Hayman Rita Gwynette Hebb Carl Reed Hedrick Amy Chih-Chien Hsu\* Vidya S. Kalavar‡ Michele Denise Kaplan Brian Kelleher Sharon Irene Kent Anita lo Kimberling Nora leanne Ridgell Kincaid Marc Patrick King Amelia Ann Kratz Kimberly Ching-Yim Kwok Le Xuan Lam Wai Ling Lee Theresa Noel Littlefield Kelly Anne Long Daniel Patrick Lynch Christopher Martin Mann Jennifer Ann Martinec Janine Delaine McGregor Trusha Chandrakant Mehta Daniel Christopher Milstead Kimberly Ann Nogrady Charles Edward Olson Metin Ferhat Omer Stanley Francis Palczewski, lr. Sonal Priyakant Pandya André Toran Parraway Hugh Christopher Patrick Jacqueline Ann Pertman\* Pamela Denise Pinckney Raquel Jamie Ponczak Michael Anthony Poole Stan F. Quinn\*

Luis R. Ranzolin Loretta Jane Rebert Joseph Aaron Reno Elisa Robin Ringenbach Tammey Sue Saffo Alfred Munda Sandy David Nolen Schrimsher& Leisa Allison Schwed\* Frank Paul Scopelliti Kimberly Ann Sheridan Christine Bing Shum Ronald Alan Silver Iodi Merriam Smith Sean Scott Smith David Ross Stern Edward L. Stolle‡ Aklilu Abebe Teshale Kimberly Marie Tomena Sheila Anne Torano Robert Michael Turner Catherine Ouano Vailoces Victoria Ann Vickers Huei-Huei Lorraine Wang\* William Randolph Wood, Ir. Kathleen Marie Yablonski Gee Han Yi Scott Brian Zimmerman

#### Finance

Michael Dennis Ament, Ir. David John Andreadis Alexander Nicholas Aspiotis Alan C. Backman\* Patrick Hilton Barstow Paul Martin Bateman Anita Batheja John E. Bragdon Catherine Anne Brogan Marcela Calderon Arlene Canter Ricardo German Castro Brendan John Cleary Daniel Tull Corrigan Karen H. Davis Anthony Suck de la Paz, Ir. Ross Allan Devine Michael John DiProspero Walton Adam Egelanian 2nd Major: Transportation

Iill Suzanne Engel Mohamed A. Fath El Bah Patrick Edward Ferguson Paul Anthony Ferguson Michael Patrick Filippone Andrew Ari Gerber 2nd Major: Economics Richard Louis Gergar Kevin Scott Giesecke Paul Jason Glashofer Stephen Anthony Granata Robin Michelle Griswold Paul Gary Guckenheimer Donald S. Han Eric Cornell Handy Charles Lloyd Henley‡ Donald Lorenz Hoffman, Ir. James Russell Hoffmann, Ir. Arthur G. Hopkins\* Daniel Edward Jarrell Sandra Eileen Iones Kevin Conrad Kadow Matthew Alan Kalb Ashish Khosla Michael Kwang Kim 2nd Major: General Business Administration Karen O'Connor Koback Yekaterina Kovfman Peter Stewart Krucoff Denise Marie Kundich Wilky Kurniawan§ Susan Lynn Leathery Thomas Michael Lebling Hsiao Hui Lim Amy Stover Lloyd Shu Chung Lo Connie S. Lowman Michael James Manimbo Anupama Vasant Marathe Robert G. McKibben III Fred A. McNeil Trusha Chandrakant Mehta 2nd Major: Marketing Martin Joseph Mitchell Iames W. Moore Chuck C. Nam

Victoria Lynn Nelson 2nd Major: Marketing Pamela Diane Noves Edward Tamaratana Olsen lennifer Marie Pedersen Maria Margarida S. Pinto da Silva David Franklin Poole James Donovan Powell 2nd Major: Accounting James Michael Prout Tahir A. Qureshi Ionathan E. Rajotte Mary Elizabeth Randell lay Ashley Randolph Craig Darius Reed Robert Cesar Rizzoni Mahru Sabaii Fletcher David Santana Donald Iason Semonick Ramzi Michel Shammaa Koroush Vafa Shokouhi Ali John Shoraka Karen Kelly Shrader Darryl E. Simms Lawrence Nathan Southall Elaine Gabrielle Sterrett Darren George Stores Michael Edward Tascher Puey Tee Betty Tay Joseph S. Taylor Caryl Anne Teaney Goitom Telahun Stephen A. Thyne Donnell Wilfred Turner Victoria G. Volentine Linda A. Wallerstein Pamela Marie Webber Wortaii K.M. Weefur Donald Ross White Jean Hee Yoo Marc Charles Zawatsky

# General Business Administration

Laura Christine Adams Lisa Maria Barnard Dawn E. Bartlett Iill Alexandra Blauvelt **Quentin Edmond Branham**  Charles Phillip Bundy III‡ Karen Lynn Busweiler Marcia Ann Calarie Yuen Yee Chan Mark K. Choi Michael Louis DelNegro Bradly Evan Dubler Martha Garcia-Lopez Elov Albert George Lora Giancola Lynn Renee Hennies Sandra Marie Horn Wayne Mitchell Hurlock\* David S. Hurwitz Laura Sue Iarvis Timothy Alan Johnson Abigail lenny Kelman Charles Robert Lynham Michelle Kathleen McGriff William James McPartland, Ir. Kim Kenneth Mills Mark E. Nvlec Tondra J. Odom Lawrence D. Opack Christine A. Perrotti Monica Michaele Pittman Daniel Christopher Raby John Richard Salah Sharon Lisa Sellazzo Mireille Turpin Thomas Cooper Underwood 111 Rov William Webb 2nd Major: Production Management Charles Edward Webster Bennett Alden Werth William Joseph Willard 2nd Major: Economics N. Ching Wong

# Management Science and Statistics

Charles Thomas Adams Kofi Opoku Adusei James Duke Bond 2nd Major: Finance James David Cantrell Karen H. Davis

Anthony Suck de la Paz, Jr. Patton G. Demers Yohannes Fikre Demissie Peter Hans Feldhausen David Michael Keefe\* Lucile Dorothy Malone Stephan Alexandre Papadopulos Terri Ellen Sewell Robert Nicholas Taylor Suet Ying Tsang 2nd Major: Finance

# Marketing

Haider Kazim Abbud Kevin Robert Allen William Alan Balshem Leslie M. Bauer Marie Thérèse Bernier David Moshe Bernstein Adrienne Lara Bridgers April Stacey Brody Susan Iris Charlop Marc Jason Cohen Judith Amy Cole Brian Patrick Costello Elaine House Custead Richard William Davies, Jr. Karen Marie Desiderio Christopher N. Garabedian Steven Ellis Garrett Brenda Lee Garriott Sabine S. Grewe Richard Thomas Joy Joanne Kaht Marc David Kantrowitz Brendan Kennedy James Jang Kim Steven Lee Klipstein Michelle Elise Kopf Kimberly A. Kreider Soon Il Kwun Tiffany Anne Lopsonzski Mark Eliot Lovett Loreta Audrone Lukas Celestina Marsiglia Kelly Ann Matuscak Sylvia Mariá McCallum‡ Jill Karen McLaughlin

Michael Davis Merriweather, Jr. Karen Joy Nelson 2nd Major: Transportation Denise Karen Nunan David Mark Oliver Stacey Marie Oursler Amie Elvse Packman Rodrigo Arturo Phillips Rui Tiago Figueiredo Mota Pinto Frank Lerov Powell Deanne Marie Primozic Brian Neal Raines Sandra Dawn Ravne lennifer Kathleen Robey Gena Louise Scaggs Ianette Shaffer Vicki Patrick Shores Teresa Ann Spizzuco Renee Mercer Stephens Schuyler A. M. Stewart James Braddock Suchoski Jennifer Lynne Suit Nora Pui Chun Szeto Carrie Lynne Taylor Kevin William Thomas David Edwin Tobin Sharon Marie Velkv Souleve Wade Robert Michael Warmkessel. Īr. Adam Zipkin

# Personnel and Labor Relations

Adrienne Elizabeth Armour Kimisan Gay Deskins Jill Marie Garringer Laureen Bridget Garrity Karen Eugenie Hampton Judy Lynn Dutton Jupin Theresa Marie Morrison Jennifer Lynn Rich Wayne Wright Smith, Jr.

#### Transportation

Christina Marie Borger Waip Chao Jay Michael Jurgens Emory John Linder II Robert F. Newton David Alexander Parham Michelle Lynn Spillman Janet Lynne Tierney

# College of Computer, Mathematical and Physical Sciences

#### Astronomy

Clare Ann Ewald Howard Alan Livingston John William Macuk James Joseph Mallonee Kendall Ivan Tatum

Bachelor of Science

# Computer Science

Debora I. Adams John William Adams, Ir. Ismet Santosa Adnan Michael Morris Aein Rebecca Louise Alsop Andrew Arensburger Michael Joseph Barnes Timothy Louis Bennett lames Duke Bond George Christopher Bonifant Timothy Renardo Booker David B. Bosko Sing Fui Chan Kimberly A. Chau James Christopher Chiles Shobna Chopra leff W. Cohen Erin Michael Conley Donald Joseph Cook Robert Andrew Crisafulli Veronica Dailey Aldian Arief Dianin Mark Michael Drissel Ioanne Paula D'Souza Michael Lawrence Dunn Tina T. Egan

Andrew Frederic Frank Brian Frank Freedman Konstantinos Panaviotis **Fykas** Amos I. Gingerich‡ lames Peter Goltz Linda Lord Green David Haydn Gwyn Frederick Paige Haves Kenneth Brian Havman lames David Hobbs\* Sarah Ketvan Huvnh Vadim Kagan\* Du Won Kang Marie Antionette Kelly Hai Kyung Kim Kent Bradford Kimball§ Richard Bela Kissh Douglas Timothy Kister Anne Marie Iude Koslosky Donald Anthony Kreinbrink Lael Marie Lambe Phong Thanh Le Gwo-Roag Lee\* Tat Fai Lee Bun Leung Ferial Majidi‡ Mark David Marino Carolyn Diane Marlow‡ Fuller Ming, Jr. Sylvia Anita Mirani Raymond Thomas Nash David Samuel Osler Howard Andrew Pach\* Edward Jongwook Paik Helen Papadopoulos Marcial Augusto Peredo Erick Kent Peters Michael Edward Petty Tanya Cherie Pullen Peter T. Ouach lames Richard Racheff Thomas Michael Reilly Alex Rosenbaum Hollis L. Ross, Ir. Kenneth Samuel Rubin Eric Matthew Scanlan Bonnie Kay Schulmever John Lynwood Scott Sumeeti Seth\*

Philip Austin Shafer
Franciea Juliet Shaw
Chi Ki Sit
David John Slafkosky
Sharon Sobol
Lucia Louisiana Soebyantoro
Sisa Sombat
Reneé Carla Somerville
Hendra Sugianto
Rina Ardianti Sumiantoro
Robert Warren Thomas
Anh Tuan Vu
Matthew Carlton Wallace
Synthai Arnette Wilson
David Joseph Zorn

## Geology

Thomas R. Green Eric Richard Hirtle Vicki Marie Moldovan John Edward Nay John Dallas Whitler‡

### **Mathematics**

Lina Arslanian lorge Miguel Barrientos Douglas Craig Bonnar Joseph John Christy William Dill Nancy Ann Fitzgerald Donald Wavne Flohr Mark Joseph Grebowsky Allison Leigh Grimes lennifer Dean Hale Kevin L. Hart Tracy Anne Ijams Jung Hyun Kim leffrev Allen Krause Mark David Latzko Ann Merchlinsky Paul Anthony Miletic Giles Delaney Mills III James Francis Moore, Jr. Caprice Anne Morrison Margaret Iovce Obert Brian Heath Perkins Randall Scott Phillips Sujita Basi Pierpoint David Herbert Rice Debra Lynn Senter Deborah Elaine Sissine Brian P. Turnquist

# Physical Sciences

William Harold Berman Glen Edward Blair Tung Thanh Do Karl Dennis Leigh Russell Augustas Lombardy II Robin Layern White

#### Physics

Brent William Agnew Michael John Brewer Russell Everett Ekblad David Andrew Gent Brian David Martin Hann Nahm‡ Edith Louise Stahl Daniel Mark Swann 2nd Major: Astronomy

# College of Education Bachelor of Arts

## Dachelor of Art.

Art Education
David Paul Barber
Alessandra Viviana Exposito

# English Education Robert Fredrick Clark

Mathematics Education RuthAnn Gertrude O'Neill

#### Social Studies Education

James Pernell Davis
Kathleen Anne Deery
Christine Marie Grady
Ruthanne Lee
Jeffrey Patrick McDonald‡
David Louis Peake
Raymond W. Rossomando, Jr.
Patrizia Zamora

# Speech and English Education

Janet Lynn Amber Michelle U. Layton

# Bachelor of Science

# Art Education

Sofia Teresa Catita Susan Carolyn McCurdy Hendricks Joyce Lynn Hildebrand Kimberly Carol Preis Robert Lewis Youngblood

# Early Childhood Education

Theresa M. Amadeo Rena P. Appelbaum Mariangela Crowley Robin Beth Epstein Kristen Yvonne Glasgow Maxine Zena Guss Ann Barbara Heintz Torene Lynnette Howard Reneé Marie Hudson Sarah Katherine Jeske Elizabeth Anne Marie Lakey Sharon Christine Lindahl Debra Baisey Lipp Randi Lynn London\* Michelle Acosta Lynch Dorothy Louise Raleigh Iodi Lynn Reamsnyder Sharon E. Ridlon Iodi Michelle Sacki Kim Lori Schneider Lauren Betsy Sinrod Laurie Jane Stottlemyer Randi Paula Wachter

# Elementary Education

Theresa Ann Aaron Ann Marie Atkinson Molly Ann Baker Barbara Marie Berned Bethanne Marie Bond Nancy C. C. Chen Jennifer A. Dorris Amv Meyer Ebker Patricia Ann Ferry Stephanie Anne Forbes Pamela Ann Fricke Julia Marie Garvey Susan Jill Gold David Martin Graham Elise Rae Greenspun Karen Sue Harhai\* Joanna Marie Herb Iodi Beth Himmelfarb Caryn Debra Jacobs

Susan Carol Jones Lesley Ann Karn Yvonneke Magteld Kennedy Hyun-loo Kim Karen Lynne King‡ Nicole LaFleur Teresa Diane Lloyd Deborah Beckmann Lueben Yvonne Yee Mah Linda Jo McCormac\* Holly Beth McIntire Patricia Lynne Mundie Leslie Oken lean Marie Philips Debra Ann Puhl Susan Elizabeth Pulliam Ianine G. Radcliffe Grace Margaret Ring Kristine Joan Rose Robin Candice Rubain Carol Lynne Schmitz Gloria lean Smith Katherine Elaine Smith Penny Mayhew Smith Kecia Rhea Snader Elaina Raquel Solomon Roberta Mary Steele Amy Howard Stewardson Sharon Lynne Vargo Pauline Frances Woo Sherri Ann Wood Laura lo Zimmerman

# General Business Education

Sandi J. Glickenhaus Sharon Ilene Hausman Amy Bernadette Kaufman Valerie Jean Klein Marianne Catherine Robeson Carol Jean Wilt

# Home Economics Education

Priscilla Mae Rust

# Industrial Arts Education Martin E. Nelson, Jr.

# Industrial Technology Education

William Ruston Bazzarre, Ir. Kelley Janine Clark Richard Kennedy Covell, Ir. Michael R. Ehrlich Joseph Leo English Bruce David Griffin Michael Christopher Karns Paul David Koudry Dimitrios Jim Kretsis Paul David Miller John Richard Prout Amit Reizes Rust Eubank Scott John Merle Seaton II Hyeong loon Son Edo A. Tenaglia‡ Neil Adrian Walter George Anthony Ward III Arie Prihutama Warman Timothy Wayne Wassell Steven Martin Wisel

#### Mathematics Education

Lisa Ann Ceccarelli Kathleen Paschal Chapman\* Kathleen Ann Gale Genevieve Therese Dubernet Eileen Therese Moroney Susan Elizabeth Sain Karla J. Wychulis

#### Music Education

Kristin Olson Rao Lisa Mary Schniebolk George Allen Smith III‡ Jennifer Stuart Taylor Michael Charles Tayman Yvonne Jeanette Zoetewey

#### Science Education

Regina Hutto Anderson Allen Burke Campbell Bridgette Christine Kemple Diane Lynn Lee

#### Secretarial Education

Lynne Anne Hull Sharon Theresa Johnson

#### Social Studies Education

Judy R. Hankin Elizabeth Robin Smith Douglas J. Steel Robert Karl Wagner Donna Lynn Wyatt

# Speech and English Education

Michelle U. Layton

# College of Engineering Bachelor of Science

# Aerospace Engineering

Harris Daniel Abramson Laurel Talcott Beckman Joseph Michael Bentrewicz Stephen John Brady Ionathan Andrew Calure\* Tara Chhay Cameron Carlos Javier Delgado Patrick Lee Delozier Clare Anne Ewald Scott Robert Flood Kimberly Hope Friedland David Keith George Melinda Dee Godwin‡ Taylor Meredith Hale Sarah Elizabeth Hall Thomas George Hamorsky, Jr. Thomas Keunsu Han David Joseph Hayes Steven Michael Hoyle Kevin Christopher Hughes Kevin Thomas Hurley Victor Kenny Hwang David Larry Johnson lames Scott Koehler Volodva Michael Krul John William Leus Katherine Pilar Matthews‡ Timothy Wayne McDonald David Eugene Murphy William Stanley Muscovich, Jr. Antonio Erneido Oliva David Kee Hong Park Keith Allan Parrish

‡ Magna cum Laude \* cum Laude

> Stephen Allen Rast A. Kurt Schreiber Jeanine Ann Sorensen Stephen Andrew Thomas\* Paul David Vieira Wavne Lawrence Wesler

Chemical Engineering leffrey Christopher George Jonathan Mark Heslop Kevin T. Lydon Adrian McCardell Remsberg, ]r. Minoo Rouhanian Kenneth Harry Salen Karen Lvnn Swecker Cynthia Marie Switzer

Civil Engineering

Steven Henry Abrams Joseph Francis Alling Farrukh Babar Anwar John Custer Buffett William F. Cantwell Eric Allen Case Theodore Michael Coon Christopher Crilley Michael David Etherton Kermit Fawthrop, Ir. Gregory Bryan Fick Paul Green Berry Fuller Gerv Charles Griffin Mark William Hagemann Scott A. Herbert Reginald Harry Holt Charles Mark Hood James Myron Kerney‡ Maher Mohamad Kiwan Steven Anthony Lagana Russell R. Lincoln Michael Edward McDonald Kevin Marc Merriman Mark Hastings Minkowski‡ Joseph Randall Phillips Terence Edward Puls Scott Richard Rose Timothy Joseph Schneider Steven Allan Smith Brian A. Thompson

Marni Denise Weller Christopher Hansen Westbrook

Electrical Engineering Laura Lvnn Agee Aisha Ahmad Anthony Foronda Albano Kourosh Baghelai‡ Patrick Walter Baranowsky Aref Rahman Bashir Richard Vincent Bennett. ]r.\* Todd Ronald Bireley Bryan Jave Bloomer Mark William Bockelman Mark Edwin Bower Carlton Wrightson Bradshaw Bernard John Brandquist Anne Michele Brooks Jay Alan Brusse\* Gerard Michael Callahan Sing Fui Chan Paul Richard Ciaravella‡ Thomas Charles Cincotta Stephen Crosby Conger Donald Eugene Copenhaver. Ĭr. Gene Michael Cumm Gary Paul Daelemans Kirk Allister Dalev Lennie Michael Daniels Patrick Raymond De Ment Daniel Seth DeVito Ravi R. Dubev leffrey Thomas Dvas Shahrokh Ettehadieh Patricia Ann Evans Han-Qiang Feng I. Kevin Frick Alireza Ghassemian Felicia Michele Grice§ Douglas Shaw Grubbs Predrag Gudac Mark Joseph Haney Charles C. Herndon LaShawn Yvette Herndon Andrew lames Hervert

Andrew Mark Hill

Dang Hai Hoang Saiful Hua Stephen Robert Jankevicius Daniel Christopher Judy Wojciech Kajetan Kasprzak Sunil Hiralal Khatri Hvun Woo Kim Kris K. Kim Steve Youniu Kim Eric Andrew Larson MinhThu Thi Le Phong Thanh Le Brian Edward Le Gette Robert Lawrence Lease Betsv Pui Lee Richard June Lee Michael Henry Lennard Donald Wood Loomis William Matthew Love Paul Gerard Lyons Jeffrey Paul Lytle Nazi Maleki Scott Michael Malone\* Amy Jo Marderness Paula Margida John Paul Marple\* Brian David Martin Scott Vincent Mazza Mehran Mehrbakhsh Lawrence George Miller Mbuomda Namondo Nasah Hamid Reza Nassiri Motlagh Hai Van Nguyen Hung The Nguyen Ouven Van Nguven Thuy-Trang Ly Nguyen Reza Okhravi Prashant Virendra Patel John Richard Pavlick Son Ngoc Pham loel Fredric Plotkin Brian K. Price Vahid Reza Ramezani Patrick David Ring Stuart Lee Ritter Michael Taylor Roberts\* Majid Roghanizad Oleg Roytburd Robert Paul Sagusti

Feroz Sanaulla Moslemuddin Sawez Christopher Edwin Schaeffer Tharakesh Siddalingaiah Brian Sircus Lisa Ellen Siodin Hugh St.George Lambart Sladen John G. Stahl Debra Ann Stascavage Malcolm Norman Stewart Elizabeth Ann Taylor Brian Joseph Thomas Duv N. Tran§ Oai Chanh Tran Tan Nh Tran§ Gena Vergules Seema R. Verma Angel Arturo Viladegut Rodney Frank Vitek Malick Maxime Wade Phillip Bryan Walter Eugene Howard Willison Ming Xu

Fire Protection Engineering

Frank J. Borrelli David Edward Connor John Francis Deubler Joseph Edgar Hauf Gerald Augustus Havnes Tsambikos Apostolos **Papadimitris** Bruce Van Swearingen Peabody Joseph Alan Pechacek Patrick Saad Saba Sheldon Joel Shapiro Barry Eugene Sprecher\*

Mechanical Engineering

Ahmad Kathum Abbud Tye Louis Aldana Iosé Luis Alfonso Bryan Paul Anderson Afshan Naheed Ayub Fitsum Bekele Gregory Steven Benedict lames Russell Brown David Capparelli Denise Unelle Chambers

Spero John Courtis Cesar Padua Cube James Ryan Dickey Michael Patrick Dougherty James Edward Eason, Jr. Neil Marc Feldman Nathaniel Emit Frampton William Lawrence Freeman Fernando Iose Garcia Kamran Gohari Evan Keith Goldstein Vineet Gupta David Phillip Hammett‡ Patrick Allen Hancock Richard Martin Hauf Steven Eugene Hawbecker Paul Andrew Herman David A. Iacobson Kasen Harvey Jacobson Laleh lalali Kirsten Frances Jorgensen Amy Jean Kinsey Fariborz Kolijehdouz Joseph Frank Korczynski\* Epaminondas Minos Kotsis Chen Chee Kuo Jerry Alan Lakey Benjamin Alexander Lamb Huai Hsin Lee Robert Charles Loynds, Jr. James G. Mattern§ Linda Lucero Matteson§ Stephen Michael McCummings lohn Francis McGuigan Jeffrey Allen Metzger Jeffrey Scott Milev Teffrey Joseph Morgan Mary Elizabeth Murphy Bradley Kirk Noll John Allen Oliver, Jr.§ Hyun Soo Park William Bela Penzes, Jr. Ionathan Mark Peritt Gregory Alan Reich Jeffrey Scott Robertson Matthew Wade Stavish Franklin Li-Chung Su David Stanton Sutherland Song Taesung

Steven Andrew Tice Richard Clark Todaro, Jr. Thomas Edward Walsh, Jr. Bridget Susan Wenner Diane Irene Williams Lynne Marie Williams Kent Gordon Wilson Dana Maria Yates David E. Young

Undesignated Major
Kimberly Jane Barrett
Veronica Anne Brooks
Robert Fitzgerald Cavedo
Anh Minh Duong Tran
Elliott Charles Flick III
Sean Francis Kilby
James Francis Muse
James Francis Skarbek III
Belkys Sosa
Douglas Howard Walcutt
Dirk Allen Young

# College of Human Ecology

# Bachelor of Science

# Apparel Design

Dawn Vicknair-Hackett§

# Community Nutrition Rachel Frances Johnson

Mahan Taslim Tavakoli

Consumer Economics
Michelle E. Adams
Juan Miguel Barnes
David Thomas Besok
Michael Tae-Hyung Cho
Bryan Pom Choi
Erik Michael Cohen
Marc D. Cohen
David Montgomery Cole
Keith Orlando Conner
Melane Arlene Conyers
Tracy Anne Douglas
John Hendrick Faasen III
Sandra Joyce French
Brian Friedman

Keri Golden

Jeanine Patrice Green Nina Kumari Gupta Hope Michele Hall Amy Halpern Mark Lawrence Haseley John Patrick Hoge David Carl Holdsworth Kimherlee Gene Hollowood Christina Michele Holtz Mark Christopher Johnson Peter Edwin Johnson Darryle Keith lones Karen Lynn Karpewicz James P. Kerner Eric Adam Kessler William Christian King Jeffrey Warren Ledford Debora Lynn Lewis lames Eric Marsh Lisa Lynn Masucci Jeffrey Orval McNeil Carolyn Joy Miller Christine Leigh Modes Shelly Laverne Moran Robert Lawrence Moreno Julie Ann Patton Christopher Maurice Pirtle Alan Edward Pooner Mary Lynne Price Nalini Kodali Rao Christopher P. Rieman Kevin C. Rourke John Edward Russell Thomas Rutherfoord Sampson Michael Lothar Schneider Francis Joseph Shannon III Dennis Philip Shields Richard lames Smith Mary Louise Sobhani Teresa Marie Stillittano Christine Marie Tascher Douglas Leonard Terwilliger Elyse Danette Tossman Yen L. Tu leffrey Scott Walton Preston Kingsley Warner Joseph Henry Weller

Kevin Miles West

Donald Alexander Wilson Iill Patrice Zollars

#### **Dietetics**

Anne M. Holness Kyrese Angela Johnson

# Family Studies

Shari Lynn Ackerman Dolores Ann Acquista\* Sonya Lynn Ambrose‡ Lisa D. Breth Amy Glasser Croce Joanne L. Duymovic Dara Allyson Elkin Stacey Michelle Endelson Caren L. Goldberg Trena Yvonne lohnson Stephani Ann Leibowitz Marsha Lynn Lessley Kendra Denise Lindsay Stefanie Diane Loube Kimberly Lisa Rhodes Amy Beth Rothmel Laurie Beth Schussel Christle Lynn Sheppard Laura Yvette Stern Elizabeth Ross Wilhelm‡

# Foodservice Administration Arezo Hariri

# Management and Consumer Studies

Daniel Thomas Burns Lyle E. Crews Joyce Marie Crowley Una Yvonne Daniels Adam M. Gilinson Jeffrey Scott Gottheld Marcia Dionne Hall Danielle Eve Herko Edward William Kallas Hyun Joo Kim Stephen Jackson Morton Benjamin Mutuku Mwania Glenda Soria Zaragoza

# Textile Marketing/Fashion Merchandising

Stephanie Ann Agnellini

Michelle Diane Bowen Sheri Faith Brodsky Melanie Richardson Cook§ Cynthia Lynn Copeland Cathleen M. Davitt Denise Maureen Dhanrai Kim Elizabeth Eckert Beth A. Foote Carl Vincent Frangione Irit Simone Gershoni Gary Bruce Greenfader Laura Anne Hilman Katherine Condé Jones Melissa Carmady Klein Terina Wendy Kuo Ilene Beth Laufer Karen Beth Lieb Elizabeth A. Long Victoria Ann Mallov Lisa Marfino Andrea Jo Masters Lauren Gail Matell Suzette Montagliani Lorie-Ann Olesen Catherine Renee Oliver Risa Podell Dawn Pauline Sanguiliano Sindee Silver Kristina Winifred Sison Janet B. Wainer Kimberly Dawn Weinberg Godelieve H. A. Werts‡

# College of Journalism

# Bachelor of Science

Emilio Alvarado
Annette Patricia Angeletti
Monette Michelle Austin
Christine Mofid Badra
Debra Lynne Barracato
Chad Loring Beeler
Margaret Theresa Bourbon
Michelle Lynn Burch
Jennifer Lynn Cagan
Steven Glen Cagle
Lisa Rosina Carchedi\*
Nancy Jane Caruso
Beth Ann Christ

Matthew John Comlish Laura J. Danowski Patricia Ann Devine Christi Carolann Dill Kevin John Dovle Kyle Elizabeth Dyer Kimberly Ann Ferris Beth Renee Friedman Antonia Maria Gamboa Tracev Lee Good Aileen S. Grossmann Lorilee Diane Gubala Lvnn M. Gurlev William Thomas Halcisak. Īτ. Virginia Elizabeth Hanlon Trov Matthew Hill Kimberly Ann Hughes Patricia Ruth Humphrey Bethany A. Jones Stacv L. Katz Vicki Lvnn Keltz Sara Anne Klauber Marci Ann Kozichousky Kristen Marie Lemanski Elizabeth Jane Loebman Eugene 1. Logan IV Barbara Dale Maier Eileen P. McMahon Jennifer Lee Money Diane Marie Moser J. Christopher Pankow Kathryn Julia Papas Stephen Douglas Pazdan Diane Carol Powers Kathleen Ann Puckett\* Brad Corey Rhoads Lvnn Stella Roche\* Kristie Ann Roeder Lynn Rosenbleeth Iodi Ellen Schwartz‡ Debra Ann Shimanski\* Deborah Anastasia Sieff\* Mary Bernadette Smith Stephanie Lynn Snyder Wanda B. Soler Pamela Ann Straut Cheryl Wenda Stringfellow Dian Angriani Suiono\*

Catherine Jane Thevenot Barbara Ann Valenti\* Bethany Elise Wallace Rickey Randall Washington Karen Weiner Kristen Jean West Reiko Mia Williams Kimberly Ann Wix Eileen Lynn Zilist Tammy Zukerman

# College of Life Sciences

# Bachelor of Science

# **Biochemistry**

Emmanuel Victor Bertrand Joseph Michael David Christopher Scott Highfill Dennis Anthony Armstrong Huie Paula Rochella Meadows Naomi Leah Ruff \* Timothy John Shelton Karen Ann Voglezon Josette Renee Votipka\*

#### Botany

Theresa Anne Hata

# Chemistry

Lisa Lynn Beasman
Hung Caohuy
Hong Cheng
Carlton Roderick Hall
Mimi Nga Hoang
Bibi Sharidan Majeed
Shahyar Mizani
Michael E. O'Connell
Hiten Purshottam Padhiar
Scott P. Shaul
Brian J. Smith
Huan T. Tran
Michael H. Wilson\*

# General Biological Sciences

Kerin L. Ablashi Barry Earl Anderson

Roberta Lynne Booth Darren Scott Brummel Mary Claire Callan Leslie Tull Corrigan Donald Joseph DeMember Patricia leffrey Durana Vickie Wei-Chi Fang Bernard Reza Farzin Reena Goel Rhondey Ian O'Brien Harford Katherine Anne Harmaker Kevin Thomas Houck Dolores Ibarreta Renee Marie Krumenacker Keith Yoke Khee Lai lamie Lynn Margolin Mehrdad Mazlumzadeh Deborah Lee Meeks Iulia Mariorie Merry Alphonsa Ada Okibedi Lori Denise Simpson Maria Elise Tartaglia Rebecca lean Taylor Nedelko Peter Todorov Hamid Tofighbakhsh Thutrang Thi Tran± Lisa Michele Waltemever Wanda Renee Williams William Albert Yingst III

#### Microbiology

Waleed Mahmoud Abul-Hawa Rene Miguel Amaguaña Ghassan Antoun Asfour Kyle Elizabeth Cowan Brian Michael Handelman Edwin Painter Hill Vu Hoang Iris Iudith Honeczy Taysir Muhammad Jaouni, Ir. Kwadwo A. Kwakye Melissa Saqui Mirasol Padmaja Nootheti Peter Paras, Ir. Mark Edward Richards Chhaya Sadashiv Kenneth Bacon Yeh Laura Ann Zembroski

# Zoology

Alkesh Pravin Brahmbhatt Thomas Gerard Carona Kathleen Patricia Connelly Alain Dabdoub Deepak Gupta Nigel Roger Isaacs Hao Anh Ly Christina Lynn Mahoney Susan Ellen Merchlinsky\* Laurie Anne Patrick Renee Colby Pease Mark Edward Richards Suzanne Maria Sensabaugh Mary Elizabeth Snyder Ramona Faith Swaby Ngum-Zaz Tchung Teh

# College of Physical Education, Recreation and Health

## Bachelor of Science

#### Health Education

Pamela Nance Bowman Anna Maria Consoli‡ Sherri A. Findley Elizabeth Anne Horwitz Maria V. Jimenez Paul Ross Mackell Karen Dalin Robinson Margaret Marie Wolfe

# Kinesiological Sciences

Scott Lee Aiken April P. Arnold Theresa Ann Beck Marc Christopher Branche lona R. Brown lames Aron Cope Sharon Lynn Cummings Katia S. Diaz Dacosta\* leffrey Douglas Dickson Adele lune Federico lacquelyn Lee Ford Patricia Ann Gill Tamera Sue Gutt Mark Roy Hansen Sharon Monica Hawkes ludith Kimberle Heron Nancy Elizabeth Holmes

lay Scott Horowitz Eric Helmut Hruschka Shawn Anthony Iones Robert James Koch Michele Lynn Leasure Pamela Hilary Love Danielle lean Miller Ioan Iov Walker Montgomery Richard Grover Nelson Robert Ian Nimetz lanine Dungan Nyce Nadine Susan Reist Dante Gacero Richardson Josh H. Salmanson Amy Katharine Schmitz Bernhard John Sengstock Paula Iolani Smith Lisa D. Vitale Kyle Lamont Waters Robert John Watson Joseph E. Wega

## Physical Education

JoAnn Marie Bugai Kimberly Dawn Crist Anthony Frank Mezzatesta Natalie Marie Peterson Teresa Susan Shelton\*

#### Recreation

Belinda Dale Horton Bryant Jodi Beth Cohen Judith Irene Farrell Sandra J. Holte Stephen Edward Kennedy Margaret Ann Leffel Julie E. Roe Marlene Sara Singer

# College of Undergraduate Studies

#### Bachelor of Arts

## Individual Studies

Kenneth Todd Holt Isabella Lyman Jackson\* Scott Allan Webber§

# Bachelor of General Studies

Lance Daniel Alexander Stephen M. Bache Catherine Marie Barron Lisa Jill Bernstein Steven Barry Burke lacqueline Warrington Carr Linda Ann Carter Earl Scott Clark Matthew King Clark Robert Arnold DeMarco Craig Hampton Decker Anthony Carl Dorsey Christopher A. Frechette Marcine Alicia Friedman Tammy S. Green Caren Klarman Grim Eileen Marie Higgins Leslie Ann Ison Anna Maria Kerasiotes Mary Ann Kurz Kareen Graham Lackie Michele Victoria Le Gette Iodi Kim Leifer Marva Elizabeth Lewis Paige Lauren Libby Stanley B. Lindner Amy Malonev‡ Clifford Eric Moskowitz Karen L. Neil Renee Marie Neri Linda Jean Norman Brad Frederick Pass Kimberly Ann Ploff Robin Sue Rosenfeld Sharon Ann Rosner Danny Thomas Ross Lawrence Charles Sander Courtney Iill Schecter Steven Andrew Spitz\* Penney Lee Ogden Sutcliffe Pamela Iov Understein Scott Adam Weitz

# Bachelor of Science

Thomas Frederick Mattras‡ (Combined Arts-Medicine) Mary Meg Mather Mark Marlin Selva\*

# Certificate Programs

# Applied Social Science Lorena Lee McCracken Reneé Theresa Wilson

East Asian Studies
Milton Aquirre Johnson

# Liberal Arts in Business

Rachell Aimee Lewis Colleen Ann shaffrey Debra Ann Shimanski Irene Marie Taylor

## Commissions

# Second Lieutenants U.S. Air Force Reserves

David B. Bosko
Marc Christopher Branche
Louis Lamont Fletcher
James Michael Forand
Jennifer Dean Hale
Michael Edward McDonald
Anthony Kenneth Mc Graw
Fred A. McNeil
David Herbert Rice

# SCHOLARSHIP HONORS

Bachelor's degree candiates who have qualified for scholarship honors upon graduation are designated by appropriate symbols adjacent to their names within the alphabetical listings of colleges or schools.

To be eligible for consideration for such honors a candidate must meet the following general criteria: (1) have completed at least 2 years of work at the University of Maryland (60 semester hours, 30 of which were earned at the College Patrk Campus) and (2) have a scholastic average of B (grade point average of 3.000) or higher in University of Maryland work prior to the last semester of registration before award of degree.

August and December 1989 candidates who have met these criteria are shown in the listings as qualifying, upon graduation, for the designators Summa cum Laude (if they ranked in the top two percent of the candidates in their respective colleges or schools), Magna cum Laude (if in the next three percent), or cum Laude if in the next five percent), based on the grade point averages of students in the preceding three graduating classes of their degree-granting unit.

# General Honors Program

General Honors Joel Fredric Plotkin

# Departmental Honors

With High Honors in:

Biology Mehrdad Mazlumzadeh Julia Marjorie Merry

Criminal Justice
Geoffrey Carroll Barnes\*\*

# English

Laura Jane Bellows-Ancasi

# **Physics**

Alberto Adolfo Pinkas\*\*\*

# Zoology

George Albert Wilkinson 111\*\*

#### With Honors in:

# **Biology**

Dolores Ibarreta

## Computer Science

Joanne Paula D'Souza Iames David Hobbs

# Engineering

Robert Louis Blondell\*\*\* Alireza Ghassemian Melinda Dee Godwin Iames G. Mattern

# English

Patricia Marie Schwartz\*\*\*

#### French

Melissa Meredith Saurman\*\*

#### Physics

Brian David Martin

# Psychology

Alicia Ann Stephany

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