

COMMENCEMENT

DECEMBER 20, 1998





University of Maryland
Commencement
December 20, 1998

2	Congratulations from the President
3	Message from the Alumni Association
4	Message from the Senior Council
5	Order of Commencement
6	Schedule of Events
7	Campus Map
8	The University of Maryland
13	Commencement Speaker Capt. Scott E. O'Grady
14	Graduating Student Speaker Amy Schlom
15	August Graduate Degrees
25	August Undergraduate Degrees
31	Candidates for December Graduate Degrees
51	Candidates for December Undergraduate Degrees
66	College Park Scholars
67	Scholarship Honors
69	Student Marshals
70	University Officials
71	Commencement Officials and Staff



Congratulations on the successful completion of your degrees! You and your families have just reason to be proud of your reaching this important milestone.

As you leave “your” university, I would like you to know how much we, the faculty and staff, value your accomplishments as scholars, artists, athletes, and young leaders. You have enriched your lives and have enlarged the esteem of this institution.

We have tried to provide you with a university experience where you could develop your academic interests, your special talents, and broaden your intellectual and cultural perspectives. Experience also shows that the friends and associations you have made while here will enrich your lives in many and varied ways. I urge you to stay connected and take full advantage of being a member of the Maryland family.

I hope that you will return to campus often and continue to support this institution and future generations of students at the flagship University of Maryland. Welcome to the university’s family of alumni.

Good luck to each and every one of you!

Yours sincerely,

C. D. Mote, Jr.

President

Congratulations on achieving this milestone in your educational pursuit. On behalf of the University of Maryland Alumni Association, I would like to add our very best wishes to those you have received from your faculty and other university friends.

Your commencement ceremony today includes a special tradition. You will be officially inducted as a member of the University of Maryland Alumni Association by this year's association president, Ed Fry. Our gift to you on this special day is a one-year complimentary membership in the alumni association. In the next few weeks, you will receive your membership card and more information on the list of benefits and services you receive by virtue of your membership.

Wherever your plans take you following graduation, you'll find Maryland friends and professional contacts by staying involved in alumni activities. There are more than 30 academic, regional and special interest groups—including our newest, the Young Alumni Club, which you may find to be of particular interest. And, of course, attending Maryland athletic events is always a great way to get together with fellow grads. Regardless of how you choose to stay involved, our purpose remains the same: to respond to the needs and interests of all alumni, and to support your continued interest in and loyalty to the University of Maryland.

Again, best wishes for all the challenges and triumphs that lie ahead.

Sincerely,

Joan Patterson '66

Executive Director, University of Maryland Alumni Association



The Winter Graduates*

Applicants for degrees

Total Doctoral Degrees:	613
Total Master's Degrees:	1,305
Total Bachelor's Degrees:	2,599

Five most popular undergraduate majors

1. Accounting	150
2. English Language & Literature	131
3. Government and Politics	128
4. Electrical Engineering	119
5. Journalism	113

Most popular master's degrees

1. M.B.A.	95
2. M.S., Civil Engineering	71
3. M.S., Mechanical Engineering	51
4. M.Ed., Curriculum & Instruction	45
5. M.Arch., Architecture	40

*August and December combined

Today you complete the journey that was undertaken several years ago, arriving proudly at the threshold of a new life. When you look back, can you see how this journey has changed you? As you sit here today, what events stand out in your mind as experiences that showed you which path to travel?

We have each followed a unique path but have reached a common destination. As seniors, it is easier to list the ways in which we are different from each other than the ways in which we are bound together.

We are accustomed to describing students in groups—commuters, residents; members of ethnic, religious, or professional organizations; students in particular departments and colleges. These differences should be admired and respected as should the many qualities we share.

From this point, you can reflect on past journeys. Remember what you learned along the way about who you are and what you are capable of achieving.

Know that your time spent at the University of Maryland will help you arrive at your next destination. Finally, always consider our campus to be another home, a stop on your life's journey to which you can always return.

Congratulations,
 Faiz Ahmad '98
 Lauren Mallon '98
 Senior Council Representatives



December 20, 1998 • Cole Student Activities Building • 1:00 p.m.

Presiding

Dr. C. D. Mote, Jr.
President, University of Maryland

Master of Ceremonies

Professor Adele Cabot
Department of Theatre

Processional

Symphonic Wind Ensemble
Mr. John E. Wakefield, conductor

Invocation

Dr. John Stephenson
Director, L.D.S. Institute of Religion
Church of Jesus Christ of Latter Day
Saints

The National Anthem

Greetings

Ms. Louise Michaux Gonzales
Member, University System of
Maryland Board of Regents

Senior Class Gift Presentation

Mr. Faiz Ahmad and
Ms. Lauren Mallon
Senior Council

Ms. Jane Henson '55

Remarks to the Graduates

Ms. Amy Melissa Schlom
Graduating Senior

Musical Selection

Ballad for Chris by Elliot Del Borgo
Mr. Chris Vadala, alto saxophone
soloist
Symphonic Wind Ensemble

Address

Captain Scott E. O'Grady

University of Maryland

Alumni Association Induction

Mr. Edwin R. Fry '69
President, University of Maryland
Alumni Association

Message to the Graduates

Dr. Mote

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

Dr. Mote

**Presentation of Colleges and
Schools**

Deans

Benediction

Dr. Stephenson

Recessional

Symphonic Wind Ensemble

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.

Floor Seating Arrangement
for Graduates in Cole Student Activities Building

STAGE

MARSHALS	MARSHALS
FACULTY	FACULTY
ENGINEERING	LIFE SCIENCES
COMPUTER, MATH & PHYSICAL SCIENCES	AGRICULTURE
JOURNALISM	ARCHITECTURE
LIBRARY & INFORMATION SERVICES	INDIVIDUAL STUDIES
ARTS & HUMANITIES	BEHAVIORAL & SOCIAL SCIENCES
HEALTH & HUMAN PERFORMANCE	BUSINESS
EDUCATION	

Individual graduation exercises for colleges and schools will be held at various campus locations on Sunday and one ceremony will take place on Saturday evening. 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 processional.

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 following the campus-wide commencement.

Shuttle bus service will provide free transportation across the campus throughout the day.



Campus-wide Commencement

1:00 p.m. Cole Student Activities Building

College of Arts and Humanities—Department Gatherings

- 9:30 a.m. *Art Studio*
Art-Sociology Building, Room 2203
- 10:00 a.m. *Art History*
Art-Sociology Building, Room 2309
- 3:00 p.m. *American Studies/Comparative Literature/
Dance/English/Theatre/Women's Studies*
Tawes Theatre
- 3:30 p.m. *Communication*
Francis Scott Key Hall, Room 0106
- 3:30 p.m. *History/Jewish Studies/Russian Area Studies*
Skinner, Room 0200
- 3:30 p.m. *Classics/Foreign Languages/Linguistics*
Tydings Hall, Room 0130
- 3:30 p.m. *Philosophy*
Skinner Lounge, Room 1125

College of Agriculture and Natural Resources

3:00 p.m. Memorial Chapel

Undergraduate Individual Studies

3:30 p.m. Anne Arundel Hall, Honors Lounge

A. James Clark School of Engineering

4:00 p.m. Ritchie Coliseum

School of Architecture

4:00 p.m. School of Architecture Auditorium

College of Behavioral and Social Sciences

4:00 p.m. Reckord Armory

College of Health and Human Performance

4:00 p.m. Health and Human Performance Building

College of Journalism

4:00 p.m. Hoff Theatre, Stamp Student Union

College of Library and Information Services

4:00 p.m. Zoology/Psychology Building, Room 1240

Robert H. Smith School of Business

4:00 p.m. Cole Student Activities Building

College of Computer, Mathematical, and Physical Sciences

5:00 p.m. Memorial Chapel

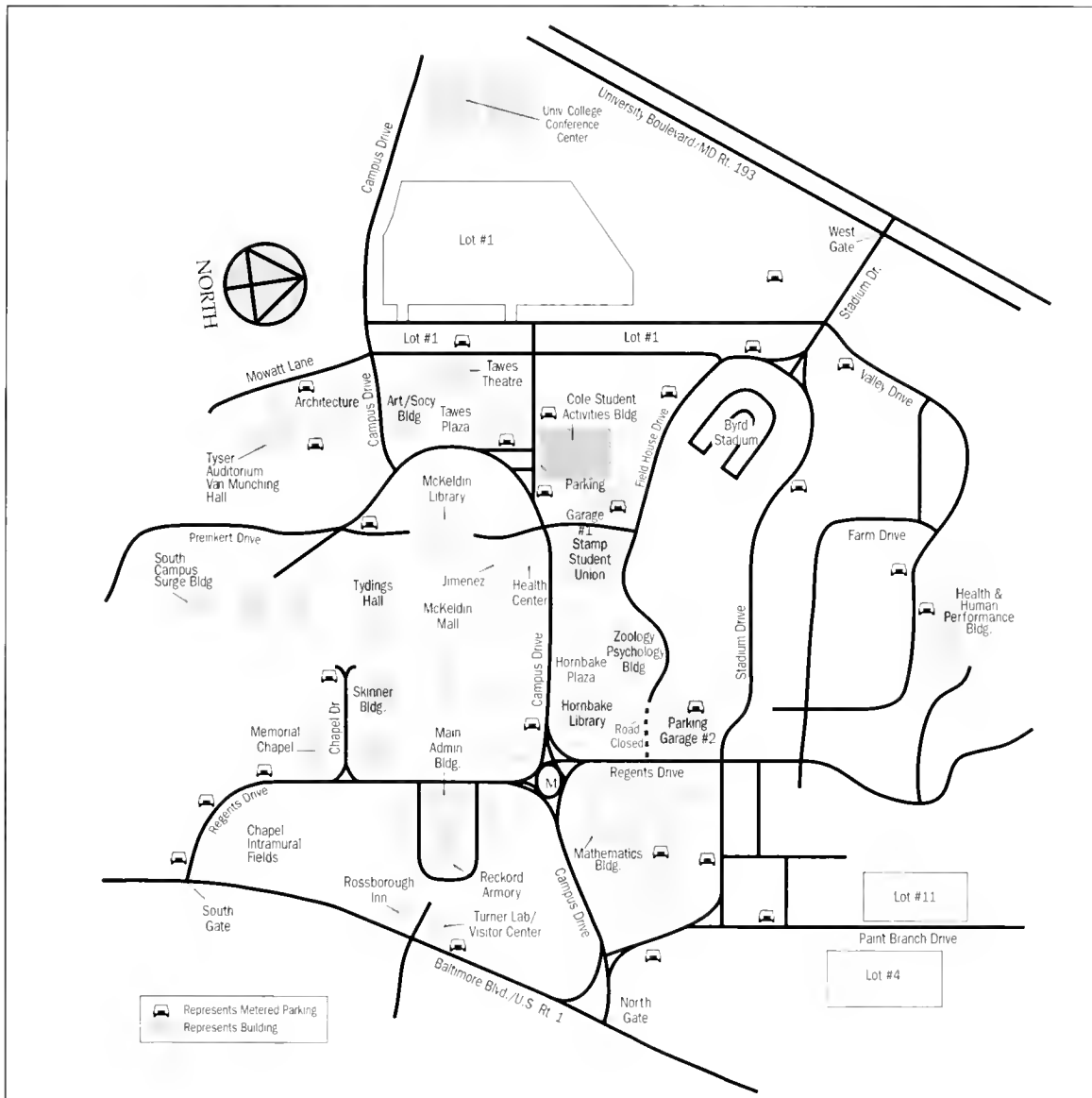
College of Education

5:00 p.m. Tawes Theatre

College of Life Sciences

Saturday, December 19, 1998

7:00 p.m. Memorial Chapel





The flagship of Maryland's 11-institution system of higher learning, the University of Maryland, College Park, is the most comprehensive institution of higher education, research and service in the state. The university offers 102 undergraduate majors, 90 master's programs, and 70 doctoral programs in 13 schools and colleges.

The university is one of only 30 public research universities that are members of the prestigious 58-member Association of American Universities. It is classified as a Research-1 university by the Carnegie Foundation by virtue of the range of its baccalaureate programs, the amount of federal support received, and the number of doctoral degrees awarded each

year, sharing that honor with the top research universities in the country.

Fall 1998 Students at a Glance

Total enrollment:	32,925
Graduate Students:	8,149
Full-time:	4,179
Part-time:	3,970
Undergraduates:	24,776
Full-time:	21,630
Part-time:	3,146
Average age:	24.1
States represented: (plus Guam, Puerto Rico and the Virgin Islands)	50
Countries represented:	151
Minorities:	33%

Among public universities in the Association of American Universities, the University of Maryland ranks among the top in the percentage of African-American undergraduate students. In addition,

the university has the largest number of African-American and other minority faculty members among its peers.

History

The University of Maryland was founded in 1807 in Baltimore as a faculty-owned College of Medicine. The medical school was considered one of the top schools in the country, attracting notable professors and lecturers from throughout the world. In its beginning, tuition cost \$140, grades were sent home weekly to parents, and students could obtain room and board for \$300 annually.

Five years later, the growing institution was renamed the University of Maryland. Despite the name, the university was not considered a state institution as it was still owned and operated by faculty. Baltimore College of Dental Surgery, the first dental school in the world, became a part of the university in 1840, awarding the first Doctor of Dental Surgery (D.D.S.) degree in 1841.

In 1859, the Maryland Agricultural College, which would evolve into the University of Maryland, College Park, was opened under a charter secured by a group of Maryland planters in 1856. In addition to spending one hour each day hoeing or plowing on the college farm, students took a broad range of courses in ancient and modern languages, natural sciences, English and mathematics.

After a disastrous fire on campus in 1912, the state acquired the college and rebuilt it.

In 1920, the state legislature combined the College Park institution with the professional schools in Baltimore to form an expanded University of Maryland. The entity eventually grew to include campuses in Baltimore County, the Eastern Shore and University College, a continuing education institution.

The following decades saw the increasing growth of student population, excellence in programs and curricula, and the burgeoning of the University of Maryland, College Park, into a nationally recognized research institution.

July 1, 1988, marked the dawn of a new era in higher education in the state of Maryland, as the five components of the university were merged with six other state universities and colleges to form the University of Maryland System, and College Park secured its flagship status with a mandate to become one of the pre-eminent research universities in the nation.

Research

The unique role of American research universities in advancing science and technology has kept the United States in the forefront of innovation and product development. Research dollars from federal and state agencies, corporations and foundations fuel much of the basic and applied research

activity of the University of Maryland's faculty and graduate students.

The university has unique facilities, research centers and institutes that attract new research projects and funding, as well as provide expanded knowledge in business, science and technology. The A. James Clark School of Engineering houses the Glenn L. Martin Wind Tunnel—the most advanced aerodynamic testing facility of its kind on any university campus—and the Neutral Buoyancy Facility, which simulates weightlessness for space research, the only such facility on a university campus.

Other specialized facilities at the university include:

- Computer Vision Laboratory
- Bioprocess-scale up Laboratory
- Laboratory for Ion Beam Research and Application
- Superconductivity Research Center
- Laboratory for Plasma and Fusion Studies
- Psycholinguistics Laboratory
- Computer-assisted cartographic laboratories
- Developmental Psychology Laboratory
- Center on Aging

Service

Programs of public service are central to the overall mission of the university. This philosophy is reflected in the wide array of programs and initiatives that benefit the state's business, agriculture and

University Highlights

- In fiscal year 1998, grant and contract awards to the University of Maryland reached an all-time high of \$205 million, an increase of 32 percent over the previous year's record of \$155 million.
- The September 1998 issue of *Kiplinger's Personal Finance Magazine* named Maryland one of the top 25 values among the nation's public universities.
- In its last ranking of undergraduate programs, *U.S. News & World Report* placed the business and engineering schools among the nation's top 25 in their disciplines. In graduate rankings, the A. James Clark School of Engineering, the School of Public Affairs and the College of Education all ranked in the top 25. And for the first time, the Smith School of Business achieved top 25 recognition from *Business Week* magazine in October.
- The University Honors Program was spotlighted as an "Ivy League experience" at a bargain price in the *U.S. News & World Report* 12th annual guide to "America's Best Colleges."
- The university was picked as one of "America's 100 Most Wired Colleges" by *Black Issues in Higher Education*. In December 1996, Maryland became one of the few institutions in the nation to provide in-room Internet access to all of its residents.
- As *Washingtonian* magazine stated in a December 1997 feature article on the rise of the University of Maryland, "The Terps are moving up, and we're not just talking basketball."

education communities.

With more than 900 high technology firms in the tri-county area of Montgomery, Prince George's and Frederick, the university has found abundant opportunity to extend its business and technology outreach programs to the region. Many of these programs are part of the Engineering Research Center, which operates the Technology Extension Service, the Technology Advancement Program, and Maryland Industrial Partnerships, all programs designed to provide Maryland entrepreneurs and small businesses with research facilities, technical assistance, administrative support, and access to technology that will advance their economic base.

The Institute for Systems Research has formed partnerships with major corporations, including Martin Marietta, Westinghouse, BFGoodrich, Hughes Aircraft and Dupont, to apply advanced systems research to solving industry problems in the fields of communications, manufacturing, controls and robotics.

The Center for Renaissance and Baroque Studies works in conjunction with Maryland's high schools in using theater to explore personal and social issues relevant to today's society. Team Maryland also works with area public schools by having student athletes serve as mentors to young students. Each semester student athletes act as role

models, reaching out to some 15,000 students annually.

The University of Maryland features a diversity of cultural and recreational activities. Four art galleries, more than 200 annual musical performances, and countless dance and theater productions expose audiences to the broadest range of programs in the arts. And intercollegiate, club or intramural sports provide students of all levels an opportunity to participate as spectators or athletes.

The Libraries

The seven libraries at the university constitute the largest university



research library system in the Washington metropolitan area, providing vital resources to researchers, visiting scholars, and businesses throughout the region. The libraries' holdings include more than 2.7 million volumes, 28,277 journal subscriptions and

nearly 5.2 million microfilm items. College Park Libraries also offer several nationally and internationally recognized special collections such as the International Piano Archives at Maryland, the National Trust for Historical Preservation Library Collection, the Katherine Anne Porter papers, the National Public Broadcasting Archives and the Gordon W. Prange Collection.

The Alumni Association

With alumni clubs from Miami to Taipei, Taiwan, the Alumni Association strives to keep and to strengthen ties between the university and its graduates. Member events such as pre-game parties, bull roasts, picnics, golf tournaments, dinner cruises and subscriptions to *College Park* magazine and the biannual *Maryland Alumni* supplement help keep alumni connected to the university and to each other. All graduating seniors and successful master's and Ph.D. candidates receive a one-year free membership in the association.

Distinguished Alumni

Graduates of the university go on to distinguished careers in a variety of fields. Chosen from thousands of qualified alumni, an inaugural group was inducted into the University of Maryland Alumni Association Hall of Fame in April, 1995. They included 21 outstanding individuals who have brought, and continue to bring, great honor to their alma mater.

Their achievements are as varied as their lives, but they all have one thing in common: a University of Maryland, College Park, diploma.

Carmen Balthrop, B.A. '71

World-class soprano and mentor to aspiring vocalists

Harry Clifton "Curley" Byrd, B.S. '08

Legendary university president for 18 years

A. James Clark, B.S. '50

Construction magnate and benefactor

William P. Cole, Jr., B.S. '10

Congressman and member of UM Board of Regents for 25 years

Mary Stallings Coleman, B.A. '35

First woman elected as Chief Justice, Michigan Supreme Court

Geary F. Eppley, B.S. '20, M.S. '26

Devoted career to university as dean of men and athletic director

Charles F. Fefferman, B.S. '66

Youngest winner of Field's Medal, mathematics highest award

Herbert A. Hauptman, Ph.D. '55

Co-recipient of 1985 Nobel Prize in Chemistry

Jim Henson, B.A. '60

Creator of the beloved Muppets

Steny H. Hoyer, B.S. '63

Public servant to Maryland for nearly 30 years

Carlisle Humelsine, B.A. '37

Leader of Colonial Williamsburg Foundation

Wilbur Munro Leaf, B.A. '27

Creator of "Ferdinand the Bull" story

Samuel J. LeFrak, B.S. '40
*Internationally acclaimed urban
planning leader*

Parren Mitchell, M.A. '52
*First African-American student and
Maryland congressman*

Jane Cahill Pfeiffer, B.A. '54
*First woman to head a major net-
work; named chair of NBC in 1978*

Judith A. Resnik, Ph.D. '77
*Pioneering astronaut; died tragically
in Challenger shuttle disaster*

Chun-Shan Shen, Ph.D. '61
*President of Taiwan's National
Tsing-Hua University*

**William Woolford Skinner,
B.S. 1895**
*Nationally prominent agricultural
research chemist*

Adele H. Stamp, M.A. '24
*Dean of Women at Maryland from
1922 to 1960*

**Reginald Van Trump Truitt,
B.S. '14**
*Leading naturalist and marine biol-
ogist; pioneered Chesapeake Bay
research*

Millard E. Tydings, B.S. '10
*Introduced legislation to create
University of Maryland in 1920*

The University of Maryland Alumni Association Hall of Fame is located in the Commuter Lounge of the Stamp Student Union. Periodically, the Alumni Association will induct other graduates in to the Hall of Fame—its highest honor.



Customs of Commencement

Early commencement ceremonies at the University of Maryland were marked with great fanfare and celebration. The faculty gave huge banquets for the graduates the night before the event. The following morning, crowds gathered to watch the young graduates parade. It was a gala social occasion, attracting not only friends and relatives, but the fashionable elite of the day. At the ceremony, prayers were recited, speeches were made, and honorary degrees were awarded to distinguished figures from across the country. Finally, as the audience cheered and threw flowers, the graduates came forward to collect their Latin-inscribed degrees.

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 the Middle Ages. The ordinary dress of the scholar, whether student or teacher, was similar to that of a cleric. Caps and gowns

were probably worn to keep students warm in unheated buildings. Many medieval scholars were tonsured, like monks, and hoods served to cover their shaved heads until the skull cap later took its place.

Even after the Civil War, most students at American universities wore caps and gowns daily while in residence. These varied in design until they were standardized by the American Intercollegiate Commission in 1894. At that time it was decided that all robes would be black. Colors on the trim of the gown were also standardized to indicate the scholar's academic discipline. A list of department colors follows:

Agriculture: Maize
Arts, Letters, Humanities: White
Business Administration,
Commercial Science: Drab
Dentistry: Lilac
Economics: Copper
Education: Light Blue
Engineering: Orange
Fine Arts, Architecture: Brown
Forestry: Russet
Home Economics: Maroon
Journalism: Crimson
Law: Purple
Library Science: Lemon
Medicine: Green
Music: Pink
Nursing: Apricot
Oratory, Speech: Silver Gray
Pharmacy: Olive
Philanthropy: Rose
Philosophy: Dark Blue

Public Administration,

Foreign Service: Peacock Blue
Public Health: Salmon
Physical Education: Sage Green
Science: Golden Yellow
Social Work: Citron
Theology and Divinity: Scarlet
Veterinary Sciences: Gray

The tassel may also be colored to represent an academic discipline or it may be black. Officially, the tassel is permitted "to lie where it will" on the mortarboard. However, numerous institutions have adopted the practice of having degree candidates wear the tassel on the right front side at the start of the commencement ceremony and then shift them to the left side after degrees are awarded.

Student Marshals

Elected through a nomination process, student marshals are senior leaders who play an important role in the graduation ceremony. Student marshals assist in organizing the thousands of graduates, leading them smoothly through the commencement procession. They also supply extra caps and hoods, and bobby pins to keep headwear secure. December 1998 marshals are listed on page 69 of this booklet.

Senior Gift

The senior gift is a university tradition dating back 88 years. The first senior gift, the iron gate entrance at the Rosborough Inn, was given by the Class of 1910 (although the gate itself was not

erected until 1941). As this year's gift from the graduating class, seniors have elected to commission a life-size bronze sculpture of Muppets creator, Jim Henson, '60, and his amphibian alter ego, Kermit the Frog. Plans call for the statue to be placed in front of the Adele H. Stamp Student Union.

The purpose of the senior gift is twofold. Each year the senior class leaves behind a memorable legacy for new students and visitors, and provides the university with a gift that enhances the campus atmosphere.

Past senior gifts have included: the Testudo statue (Class of 1933), the lights around the "M" in the traffic circle on Campus Drive (Class of 1986), and the restoration of the Memorial Chapel chimes and clock face (Class of 1992).

Academic Degrees

A degree is awarded for the successful completion of a course of study. There are more than 1,600 different academic degrees currently conferred by colleges and universities nationwide. The University of Maryland offers degrees in 102 undergraduate majors, 90 master's programs, and 70 doctoral programs.

The Doctor's Degree

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 do not involve the completion of original research by the student. The University of Maryland, at the professional school in Baltimore, awarded the first two dental degrees ever on March 9, 1841, and invented the name of the degree, Doctor of Dental Surgery (D.D.S.).

The second type is the research doctorate representing prolonged periods of advanced study. A dissertation which usually accompanies the study is intended to contribute substantially to the body of 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. 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 the completion of a four-year course of college-level study and is the oldest academic degree awarded 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.) in 1862.



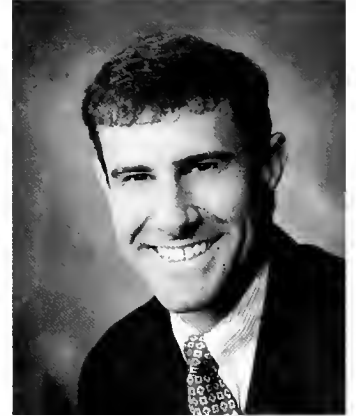
Three years after the fact, the tale of Scott O’Grady seems to be the stuff of legend and folklore. In June of 1995, his F-16 was downed by a Soviet-made anti-aircraft missile while he enforced a NATO no-fly zone policy over Bosnian skies. He spent six harrowing days eluding enemy troops in the forests of Bosnia, camouflaging himself in dirt and leaves, drinking rainwater out of plastic baggies and sometimes from his own sodden socks, and feasting on leaves, grass and the occasional ant. When news of his rescue by the U.S.S. *Kearsage* Marine helicopter on the morning of June 8, 1995, reached home shores, the nation released a sigh of relief and a resounding cheer.

Upon his return to the United States, the Air Force captain was feted by the masses, the media and the White House itself, all of whom hailed him as a hero. But O’Grady never used the word himself.

“Most of the world’s heroes are unsung,” he wrote in *Return With Honor* (Doubleday, 1995), the bestselling narrative of his life-altering experience. “It’s heroic to dare to make a difference in the world.”

O’Grady’s ordeal certainly made a difference in his own view of life. “That day, five miles up, with death at my front door, I found my key to life,” he wrote. He realized that only three things really mattered in life: faith in God, loved ones and good health. His unshakable foundation in religion and devotion to his family and friends speak volumes of his true heroic nature, as much as any survival story might.

O’Grady received his Bachelor of Science (Aeronautical) in 1989 from Embry Riddle Aeronautical University in Prescott, Ariz. That same year, he was commissioned through the Air Force Reserve Officers’ Training Corps Program. Currently, O’Grady is an instructor with the Joint Survival Agency at Fairchild Air Force Base in Spokane, Wash., and serves as a national spokesperson for St. Jude’s Children’s Research Hospital. In addition to *Return With Honor*, he has published *Basher Five-Two*, a recounting of his adventure for younger readers.



Capt. Scott F. O’Grady



Amy Schlom '98

Marketing major Amy Schlom believes that American business reflects society's values, and she is determined to bring changes to both. While she admits some uncertainty as to how to go about it, who better to try than this 4.0, Phi Beta Kappa, Beta Gamma Sigma, multi-scholarship and award-winning honors student described by one faculty member as a rare example of "pure nobility."

Schlom believes that "commerce and economics are transforming human awareness" and that what is needed now is "not a merely linear progression in thinking, but a paradigm shift. The question before us is how to manage this transition so that humanity's long-sought vision of peace and prosperity is realized."

Schlom's views are not those traditionally associated with business training, but apart from her facility with mathematical and economic concepts (she found a recent exam in which she had to learn a computer language, answer logic questions, and write code, "fun"), she did not always consider a career in business. A childhood spent "sketching houses and drawing floor plans," led Schlom to first enter Maryland as an architecture major.

Now she is building foundations of a different kind. Community and individual well-being are priorities for Schlom, and her desire to make a difference as quickly as possible led her to business. "I feel good when I tell people I work for Fannie Mae," where she has interned since 1996. And when people respond that it must be fun to "work for the candy company," Schlom explains that she's not employed by the Chicago-based Fanny May, but by the Washington, D.C., group working to increase home-ownership among low-income Americans.

Schlom believes firmly that in the years ahead, the ability to "promote the general welfare," will be centered in the business world rather than in the political arena. "People in the business world are more powerful than politicians," she says. "If business leaders aren't pioneers, I don't think it's going to be done."

Doctor of Philosophy

Sharon E. Adams • Human Development

Persistence of Academically Talented Adolescents in an Accelerated Mathematics Program: A Discriminant Analysis

Elizabeth M. Aitken • Education Policy, Planning, and Administration

Teacher as Self: A Hermeneutic-Phenomenological Investigation of Narrative Inquiry in Community

Abdulmohsen E. Al-Sayegh • Curriculum and Instruction

Toward Developing an Islamic Geometric Design Course in the Department of Art Education at the College of Basic Education in Kuwait

Kalvis Apsitis • Computer Science

Hierarchies of Probabilistic and Team Learning

Susan E. Baer • Government and Politics

Gentrification and the Role of Community Organizations in Preventing African American Displacement

Jack T. Baker • Education Policy, Planning, and Administration

Walking the Tightrope of Being a Facilities Engineer: A Phenomenological Study

Ann A. Battle • Human Development

College Women's Value Orientations Toward Family, Career, and the Pursuit of Graduate Education

Manuel Becerra • Business and Management

Nature, Antecedents and Consequences of Trust Within Organizations: A Multilevel Analysis Within a MNC

Igor O. Belegradek • Mathematics

Counting Negatively Curved Manifolds

Gry M. Berg • Marine, Estuarine, & Environmental Sciences

Physiological and Population Responses of Marine Phytoplankton to Variations in the Quality of Nitrogen

Anne R. Berkeley • Theatre

Toward a Critical Aesthetic Praxis: Reconceptualizing Undergraduate Theatre Curricula for a Culturally Diverse Democracy

Lisa E. Bernstein • Comparative Literature

"Self-Othering" as a Strategy of Women's Creative Expression in Literature and Art

Randeep S. Bhatia • Computer Science

Approximation Algorithms for Scheduling Problems with Interactions

Romita Biswas • Economics

Determinants of Foreign Direct Investment

Cheryl D. Black • Theatre

The Women of Provincetown: 1915–1922

Samuel T. Brainerd • History

Land and Society, Billerica, Massachusetts 1650–1850

Erik P. Bucy • Mass Communication

The Emotional Appropriateness Heuristic: Viewer Assessments of Televised Presidential Reactions to Compelling News Events

Tevfik Bultan • Computer Science

Automated Static Analysis with Composite Symbolic Models

Debra S. Carney • Mathematics

Chains with Few Substructures

Dora W. Chen • Curriculum and Instruction

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Lissette S. Barrios
Nicholas Patrick Darling
William Ibarra

Speech Communication

Natalie Elysia Adams
Richa Batra
Joseph Edward DeLisi
Nicole Marie Esposito
Aron C. Hayek
Kathleen Bradley Lund
Iesha In McTier
Jennifer B. Mushahwar
Danitza Radichevich
Garret Levi Richardson
Holly N. Scarcia
Lane Adam Sorkin

Theatre

Dawn Michelle Edwards
Demond Lamont Fernandez
William Charles Harrison, Jr.
John William Mills
William Matthew Shiffman

Women's Studies

Shalini Batra
Fei-Tsen Jean Hsieh
*2nd Degree: English Language
and Literature*

Bachelor of Music

Music
Matthew Steven Horwitz

College of Behavioral and Social Sciences

Bachelor of Arts

Afro-American Studies
Robyn C. McClendon

Anthropology
Vincent Leonard Condon
John Austin Cranford
Paul Alexander Esteves

Patricia Marie Griffin
Scott David Wilhelm
Hideki Yagi

Criminal Justice

Christopher Rice Dewey
Jeffrey Boyd Johnson

Criminology and Criminal Justice

Christene Renee Bell
Tenesha Midré Bellamy
Travis Hayden Boggs
Matthew D. Connors
Brian Paul Cooke
Michael K. Cosca
Michael Curtis Crouse
Stephame Leigh D'Amato
Christopher J. D'Amelio
David Bright Facemire
Deborah Ann Fallow
Scott Jason Goldberg
Allyson Shaw Hamlin
Philip DeWan Harclerode
Lamont Alexander Hayes
Marvin Hsu
Gregory Edward Ihnat
James Ryan Jupin
Gunnar Peder Knutsen
David H. Koroghlian
Valerie Dawn Leafy
Germer Y. Ledford
Stephany Ann-Marie McGann
2nd Degree: Microbiology
Ashley McGuigan
Adam Peter Nechamkin
Monique Danielle Nixon
Brett Jon Nizzo
Todd Michael O'Brien
Stephanie Jean Orosz
Alberto Otero
Jeremy Daniel Pape

Kimberly Jo Santaiti Patton
Nicholas George Pauletto
Chad Foster Pollack
Donnell Martin Regusters
Brian Jeffrey Resnick
Ricardo James Royal
Jessica Ann Shay
Sammy Sohrab
Lilac Taraseiskey
Jill Cathleen Wedderburn
John Guel Whittle
Jonathan Lawrence Wilson
Jong Won Yi
Carla Salome Zegarra

Economics

Menglin Cao
Christopher P. Carey
Alexander Todorov Gabrovsky
Robert Gary Gerage
Mary-Brigid Gottshal
Dale Alexander Hanley
Shawn Christopher Kessell
Kathi Michelle Krisewicz
Kingston Kuo
Kyle Carson Landefeld
Ching Hang Lau
Joshua Matthew Lavine
Truong Ngoc Le
Jean E. Leahy
Nadia Manesh
Philip Charles Musgrave, Jr.
Ruchi Nirula
Oliver E. Okafor
Pamela S. Puchalski
*2nd Degree: English Language
and Literature*
Carlos Romero
2nd Major: Government and Politics
Roel Lawrence Mataac Sabalbaro
Melissa Sari Sabirin
Brian Craig Sasso

David Charles Stern
Jennifer Anna Tarcelli
Nathan Eric Torgesen
Nwei-Oo K. Winn

Government and Politics

Jenell Suzette Albanese
Eric N. Allen
Jonathan Jacob Allen
Michael Elias Betnun
Keith John Bruno
David Scot Campbell, Jr.
2nd Major: History
Gregory Harker Casey
Dale Kerbin Cathell
Eric Dinges
2nd Major: Spanish Language and Literature
Andrew E. Fandino
Joseph Michael Finneran II
Bradley William Frome
Julius Anthony Garcia
Danelle Rene Hakim
Maureen Ann Hanley
Phillip Edward Heit
Kito Adrian James
Alex Eugene Jennings II
Daryl Khan
Shalley Kim
Julia Lynn Kingery
Michelle Rachel Marshall
Jennifer A. Owens
ChiHo Park
*Darcy Meagan Pietryka
Tamanna Qureshi
Brian Paul Romick
Gustavo A. Silva-Chavez
Sheri Lynn Strasbaugh
Erin Christine Sullivan
Avi Samuel Tryson
Brian Wilk Zemanick

Hearing and Speech Sciences

Sharon Benyaminy
Carrie Ann Chase
Brittany Ashley Fogg
Rosario Sedano Nazare
Lilian Ivette Perez
Randi Heather Tuckerman
Connie E. Wallace

Psychology

Sharon Meredith Benter
Mark Thomas Boyd
Brian Neal Brown
2nd Major: Criminology and Criminal Justice
§Stephen Lloyd Brune
Cecil Calliste
2nd Major: Family Studies
Jacquelyn Dunphy
Brian Patrick Flower
Konstantinos Fragoulis
Kevin Michael Garrity
Christopher Michael McManus
Bonnie Lynnette Milton
Stacey Jo Pell
Justin Eli Shane
Elizabeth Pamela Snyder
Shana Lesley Sorhamdo
Lauren A. Urbamak
Natalie Marie Walker
Rachel Beth Zaslansky

Sociology

Michelle Paula Bienen
Jennifer Leigh Clark
Keith Tavares Mont
*Erika Christine Olson
Lowell Mathew Simpson
Gail Norene Skipworth

Urban Studies

Kenneth J. Damann
Matthew James Downing, Jr.

Bachelor of Science

Geography

Michael Alemar
Matthew Brian Behnke
Neeladri Ranjan Bhattacharjee
2nd Degree: Secondary Education-Social Studies
Johnnie Lee Hicks
Jacob Sean Johnson
2nd Major: Geography
Zacharia Humarr Kabia
Christopher Sean Neigh
†Emily Jennifer Pruett

Psychology

Johannes Allender
Jigna Devendra Brahmabhatt
Huy Vu Bui
Melame Ann Doerr
Jessica Leigh Glum
Barbara Ann Ingrao
Tanya Tamara Townsend
Shelley Dorae Woody

College of Computer, Mathematical, and Physical Sciences

Bachelor of Science

Computer Science
Muqtaba Ah
Jack Israel Berry
Kenneth William Brammer
Allen Tzu-Cheng Chen
Erik Yuenlung Chow
Kevin L. Dai
Rupal Dilip Desai
Peter Richard Galgano III
Gregory Franklin Gathman
Lawrence Alan Gerald
Ranjit Singh Gill

*David Benjamin Hakim
Scott Larry Jacobs
Xiaonan Ju
Viatcheslav Karassik
Sidhartha Predhman Kaw
Jennifer Kathleen Laning
Anna Nguyen
Joseph Louis Siegrist
Yolanda Melissa Young
Lingling Zhang
Mingjun Zhu

Geology

Andrew T. Grenzer
Anthony Gerard Koval
William David Richardson

Mathematics

David Allan Bitterman
Connie H. Chow
§Julie Anne Gesterling
Llewellyn Hinkes-Jones
2nd Major: Physics
Alison Bonita Lang
Pranav Chandrakant Raichura

Physical Sciences

Levi B. Stamper

Physics

Burton Rehmatulla Post

College of Education

Bachelor of Science

Secondary Education-Social Studies

Neeladri Ranjan Bhattacharjee
2nd Degree: Geography

Secondary Education-Mathematics

Livnat Lotati

Special Education

Lynn P. Pavesi

College of Health and Human Performance

Bachelor of Science

Family Studies

Brenda Barbari
 Andrea Nagisa Capps
 Jessica Cohen
 Christine Diane Cook
 Kristen Michelle Erndl
 §Linda Dawn Golden
 Paula Ozelle Hunter
 *Michelle Peta Kam
 Avital Kaplan
 Julie Ann Kelley
 Laura Stacianne Kimball
 George Lerdemer
 Jennifer Ann Mastello
 Laurie Kathleen Mechler
 Fawaya Selim Abdoun Mohammed
 Kati Mosier
 Sherry Lynne Myers
 Marilyn M. Naftalin
 Jennifer Ann Riggs
 Tony Ramone Sawyers
 Cheata Sieng
 Augustina L. Smith
 Mary K. Stanley
 Polly Karena Stowers
 Ajita Sara Varghese
 Stephame Ann Welch

Health Education

Lisa Yvonne Green

Kinesiological Sciences

Jesse Colin Bam
 Christa Marie Cronan
 Steven Robert Jordan

Joshua Peter Kirk
 Lynsey Denise McVicker
 Anthony Joseph Narcisco
 Richelle Yolanda Wilson

Physical Education

Martha Ann Gover
 Joseph Albert Kennedy

Recreation

Matthew Warren Corley

College of Journalism

Bachelor of Arts

Journalism

Jana Alyse Abramson
 Stefani Elizabeth Avila
 Charles Fletcher Buchman
 Theresa Ann Coleman
 Mary Cecilia Costello
 Rebecca Vera Gorelik
 Allison Kimberly Haas
 Laula Sara Hirschfeld
 Michelle Lauren Kirsch
 Steven Marc Matty
 Katherine Bennett Moncrief
 Shaneen Nicole Robertson
 Michaela Schneeberg
 Jeremy Stephen Settle
 Lisa Jean Ulmer
 Matthew Austin Winkler
 Gregg Robert Zucker

College of Life Sciences

Bachelor of Science

Biochemistry

Amir Mikel Rahbar

Biological Sciences, Bees

Mehssa Charisse Tulig

Biological Sciences, Cell and Molecular Biology and Genetics

Simranjit Kaur Dhillon
 Thomas Shin-Dong Kim
 Timothy Joo-Dong Kim
 Jennifer Jen Lee
 Maher Issa Masoud
 Keri Anne Strong

Biological Sciences, General

Damian DiCamillo
 Earl M. Edwards
 Farwah Fatima Hassen
 Freidoum Jafariteshtehroudi
 Sheetal Ramesh Majethia
 Michael Fulghum McIlwam
 Eric B. Neadel
 Nerissa Leoma Ngati
 Cho-Ye Toung

Biological Sciences, Marine Biology

Meridith Eileen Harvey
 Kevin Philip Montgomery
 Bridget Ann Rossiter
 Melissa Ann Smith

Biological Sciences, Physiology and Neurobiology

*Mohammad Beiraghdar
 Vinh T. Diep
 Mary Ellen Knox
 Jacqueline Charlene LaMothe
 Jamie Ann McKeehan
 David Adam Wyler

Biological Sciences, Zoology

Makhabele Nolana Kabwit

Chemistry

Khamphée Phomphrai

Microbiology

Preeya Kumar Dass
 Rodolfo Matos
 Stephany Ann-Marie McGann
2nd Degree: Criminology and Criminal Justice
 Hanan Isa Saleh

Robert H. Smith School of Business

Bachelor of Science

Accounting

Regina Allison Acker
 Mobolaji O. Adeoye
 James Benjamin Beavan III
 Julia D. Boes
 Cesario Marriose Brooks
 Peggy Christine Cabrera
 Michelle Nicole Desrosiers
 †Kimberly Renell Ferguson
 Warren Keith Fuller

2nd Major: Finance
 Melanie Nicole Graves
 John Antony Griffin
 Robert Louis Grohs
 Robert Lawrence Haak
 Anne Pin-Shin Han
 Timothy Prince Holland
 Ann L. Ignacio
 Amanda Misong Kum
 John E. King III
 Ralph Laguerre
2nd Major: Management Science and Statistics

Seung Jae Lee
 Haifeng Liang
2nd Major: Finance

Andrew Paul Little
 James G. O'Hara
 *Mayumi Ono
 Jigar P. Patel
 *Yong Peng
 Ora Gema Pindrik
 Sarayuth Ritthaworn
 Rebecca Liane Santivanez
 Evan Ryan Sarver
 Kamala Shrestha
 Parwinder Kaur Singh
 Gerald Harrigan Stasko
 Michael Adam Strauss
 Mai-Khanh Nhuan Tran
 Benjamin Howard Williams
 Chi-Hsien Yen
 Joanne Jung-Eun Yoo

Finance

Demitri Nikolaos Aggelis
 †Ana Laura Balarcel
2nd Major: Economics
 Desta Berhane
 Allen Patrick Blackburn
 Irwan Ian Blond
 Carter Michael Bova
 Joshua Hall Bulgin
 Sohrob Collett Farudi
 Paul Jason Glashofer
 Matthew Evan Gluck
 Oluyemisi F. Ishola
 Glenn Douglas Karney
 Somita Khan
 Eric Robert Kimmel
 Moscha Ioanna Koronias
 Kellen Liu
 Jesse C. Loh
*2nd Major: Logistics and
 Transportation*
 Robert Stephen Medlock
 Christopher David Myers
 Chirag C. Patel

Hitendra Patel
*2nd Degree: Management Science
 and Statistics*
 Chad Eric Payne
 Boris Alexander Pruger
 Douglas Andrew Rankin
 Maria Eleni Recachinas
 Sridhar B. Reddy
*2nd Major: Management Science
 and Statistics*
 Mark Andrew Scholack
 Keith Koff Schultz
 Tracy K. Shen
 Joseph John Strazzire III
 Sonah Ved
*2nd Major: Management Science
 and Statistics*

Gregory Todd Wasylak
 Victoria Kossonikeli Williams
2nd Major: Marketing
 Helmut Andrew Winffel
*2nd Major: General Business
 and Management*

General Business

Christine Selvaranee Rajakumaran
*2nd Major: Spanish Language and
 Literature*

**General Business and
 Management**

Jimmy Y. Chang
 William Ross Chullin
 Rachel Beth Davis
 Devin R. Edwards
 Ryan Thomas Edwards
2nd Degree: History
 Kara M. Hines
2nd Major: Marketing
 Tina Marie Kaderabek
 Matthew Everett Kahn
2nd Major: Marketing

Aneha Lynn Kimmel
 Ingrid Elizabeth Martinez
 Nasim Moalem
 Alia Mohammed
2nd Major: Marketing
 John W. Narvaez
 Keni Yang

**Human Resource
 Management**

Cristin Anna Armbruster
 Paige Anne Luke

Logistics and Transportation

Prachee Vivek Date
 Enrico Franco Di Franco
 Damian Scott Dickerson
 Nicholas Frank Giuliano
2nd Major: Marketing
 Zia Koreishi
*2nd Major: General Business
 and Management*
 Jonson Lum
*2nd Major: General Business
 and Management*
 Karen Michelle Olszewski
*2nd Degree: Management Science
 and Statistics*

**Management Science and
 Statistics**

Roland Chan
 Anthony Chun Wing Cheung
 Kwang R. Chong
 Colleen Antonet Coleman
 Eric Michael Coles
 Nabila Choudhury
 Huy Tan Hang
 Janet Elaine Hines
 Kai Nakayama
 Karen Michelle Olszewski
*2nd Degree: Logistics and
 Transportation*

Hitendra Patel
2nd Degree: Finance
 †Kusnadi Pradinata
2nd Major: Finance
 Gregory Paul Savoie
 Chih Tsong Shen
 DanFen Tam

Marketing

Walid Taher Aboulnaga
 Sang An
*2nd Major: General Business
 and Management*
 Nadine Bennett
 DeDionne Bouton
 Alyson Marie Chumelowski
 Julie Elizabeth Dopkin
 Mohamad Hekal
 Kimberly J. Itahano
 Adam Ross Levy
 Jonathan David Mark
 Ryan Michael McDaniel
*2nd Major: Logistics and
 Transportation*
 Scott Louis Osur
 Lindsay Dana Proels
 Dammka Kumari Ranatunga
 Christopher Leo M. Shaw
 Jr. Dennis Michael Skelly
 Becky Nellie Still
 Kiev-Cara Iem Tang
*2nd Major: General Business
 and Management*
 Myra C. Tawil
 Terje Treff
 Scott Alan Whittington
 Brian C. Willard

Undergraduate Studies

Bachelor of Arts

Individual Studies

Namita Chopra

§Catherine Marie Cross

Bachelor of Science

Individual Studies

Shakeel Akthar Bokhari

Undergraduate Certificate Programs

Afro-American Studies

Certificate

Demond Lamont Fernandez

Bonnie Lynnette Milton

Donnell Martin Regusters



Doctor of Philosophy

Sudhakar Adivikolanu • Chemical Engineering

Robust Run-to-Run (Batch-to-Batch) Optimization and Control for Semiconductor Manufacturing Processes

Isaac O. Agboola • Business and Management

An Experimental Study of the Effects of Application Domain Knowledge and Datamodeling Knowledge on the Quality of Database Implementations by Non Experts

Saubhe Al-Dellemy • Sociology

Personal and Social Factors Associated with Social Responsibility Among Arab Students in the U.S.

Mohammed A. Ali • Marine, Estuarine, & Environmental Sciences

*The Identification of Physiological Factors and a Transport Gene Involved in the Excretion of Rugose Polysaccharide in *Vibrio Cholerae**

Pamir S. Alpay • Engineering Materials

Polydomain Structure of Ferroelectric Thin Films

Jo-Ann M. Amadeo • Human Development

Music and Television in Late Adolescence and Early Adulthood: An Investigation of Social Beliefs

Ahmad K. Aman • Electrical Engineering

A New Receiver Based Combined Coding and Equalization Technique for Intersymbol Interference (ISI) Channels

Anita K. Amla • Civil Engineering

Airfield Pavement Condition Forecasting Using a Neural Network

Kathleen A. Angeletti • Education Policy, Planning, and Administration

The State's Role in Teacher Education Reform: Maryland's Efforts to Redesign Teacher Preparation

Tracy L. Armstrong • Sociology

Access to Health Care Among the Elderly in Russia

Jeffrey T. Ashley • Marine, Estuarine, & Environmental Sciences

Factors Influencing the Exposure of Hydrophobic Organic Contaminants to Aquatic Organisms

Ibrahim A. Assakkaf • Civil Engineering

Reliability-Based Design of Panels and Fatigue Details of Ship Structure

Mountaga Aw • Physics

Direct Instanton Effects in the QCD Sum Rules for the Magnetic Moments of Nucleons

Deepak V. Ayyagari • Electrical Engineering

Capacity and Admission Control in Multi-Media CDMA Wireless Networks

Karen J. Baehler • Policy Studies

One Person, One Grant: Equity, Efficiency and the Distribution of Federal Aid

Anamitro Banerjee • Chemistry

Photochemical Deprotection of Functional Groups Via a Photoinduced Electron Transfer Process

Mohamadreza Banihashemi • Civil Engineering

Multiple Depot Transit Vehicle Scheduling with Time Restriction Constraints

Pat Barr-Harrison • Curriculum and Instruction

A Study to Identify Program Standards, Goals, Objectives and Projects in Existing High School Foreign Language

Mark T. Beierle • Aerospace Engineering

Investigation of Effects of Surface Roughness on Symmetric Airfoil Lift and Lift-to-Drag Ratio

Karen K. Bernard • Music

Prejudice, Pride, and Economics: The Neglected Danish Operas of Carl Nielsen

Heather L. Berudt • Marine, Estuarine, & Environmental Sciences

The Effects of Nutrient Inputs on Algal Communities

Timothy C. Bertch • Nuclear Engineering

A Model for the Release, Dispersion and Environmental Impact of a Postulated Reactor Accident from a Submerged Commercial Nuclear Power Plant

Fasil B. Beshah • Civil Engineering

Performance of FRP Reinforced Concrete Beams and Slabs

Monique C. Better • Human Development

Risk, Resiliency & Adjustment in High Risk Head Start Children

Debra B. Bowman • Agricultural and Extension Education

An Analysis of Survivors' Reactions to Downsizing in an Educational Organization: Implications for Planning Organizational Change

Albert T. Bozzo • Economics

Increasing Returns, Technology Lock-In, and Stable Market Shares: Evidence from the Commercial Aircraft Industry

Douglas M. Brattebo • Government and Politics

Presidential Homework: Executive Preparation for Personal Diplomacy

Christopher S. Brittan-Powell • Psychology

White Adjustment to Racial Pluralism

Keita F. Broadwater • Mechanical Engineering

Fiber Optic Sensors for Measurement of Temperature and Axial Strain in Fiber Connector Assemblies

William R. Bua • Meteorology

The Effect of Land Surface Processes on the Variability of the East Asian Summer Monsoon

Lee F. Burcham • English Language & Literature

The Intercourse With Heaven and Earth

Pamela Burke • Government and Politics

The Globalization of Contentious Politics

Donal A. Byard • Business and Management

Cross-Sectional and Time Series Patterns in Information Inferred from Analysts' Forecasts

William F. Campbell • Meteorology

Generalized Computational Optimization of Numerical Models

Curtis P. Carlson • Economics

SO₂ Control by Electric Utilities

Nancy A. Carlson • Human Development

A Social Engagement Model of Listening

Ana Castano • Spanish Language & Literature

Cristobal De Salazar Maldones, Comentarista De Gongora

Fatma Cebenoyan • Business and Management

Efficiency and the Value-Relevance of Earnings: A Stochastic Frontier Approach

Julie A. Celestin • Criminal Justice and Criminology

The Definition of Community: Implications for Area Studies

Dawn R. Chamberlin • Human Development

The Influence of Self-Efficacy and Decisional Balance on the Stages of Exercise Adoption in a Structured Exercise Program

Chien-Hwa Chang • Electrical Engineering

Advances in 2D Semiconductor Device Modeling by the Spherical Harmonic, Hydrodynamic and Drift-Diffusion Methods

Peter A. Chang III • Mechanical Engineering

Relationships between Turbulent Wall Pressure and Velocity Field Sources

Brett Chapman • Criminal Justice and Criminology

Prosecutorial Discretion: A Examination of the Decision to Seek the Death Penalty in the State of Pennsylvania

Michael P. Chen-Young • Economics

A Consolidated Approach to Government Spending

Kipkoech K. Chepkoi • Civil Engineering

Effects of Plasticity on Dynamic Properties of Untreated and Treated Cohesive Soils

Sergei Chernikov • Agronomy

Chromate Reduction in Soils and Simple Systems by Humic Substances and Variety of Organic Materials

Kwo-Fu Chiang • Mechanical Engineering

Dispersion of Contaminant Released from a Line Source at the Wall of a Turbulent Boundary Layer

Si H. Cho • Electrical Engineering

Fabrication of High-Power Diffraction-Limited Semiconductor Tapered Lasers and Amplifiers

Sangwook Choi • Engineering Materials

Small Angle Neutron Scattering of Polymer Solutions and Blends

Kancham Chotoo • Physics

Measurements of H⁺, He⁺², and He⁺ in CIRs at 1AU in the Energy Range 6-200 keV/e

Cheng C. Chou • Chemical Engineering

Production of Virus in Insect Cell Cultures for Biological Insect Control

Young Chun • Sociology

Reducing Nonresponse in Establishment Surveys: A Two-Stage Experimental Study

Chul Chung • Meteorology*ENSO Variability and the Asian Summer Monsoon***Peter A. Close • Applied Mathematics***Postprocessing and Superconvergence for Boundary Element Methods on Polygons***Jeffrey P. Cohen • Economics***Essays on the Public Provision of Airport Infrastructure***Philip N. Cohen • Sociology***Structural Inequality***Thomas E. Conway • Business and Management***The Partial Segregation of the Total Accrual Variable into Its Respective Initial and Reversing Components***Kelly K. Cookson • Psychology***Acoustic Startle in Budgerigars and Animal Models of PTSD***Will H. Corbin • Linguistics***Principle-based Approaches to Second Language Tutoring***Emmanuel Coutoulakis • Kinesiology***Exercise Blood Pressure Response and Cardiovascular Fitness***Theresa M. Croy • Speech Communication***A Rhetorical Account of the Public Response to the Richmond Debate in the 1992 Presidential Election***Melanie Culver • Biology***Phylogeographic Variation in the Puma Using Mitochondrial and Nuclear Genetic Markers***John A. Curtis • Agricultural and Resource Economics***Hunting Preferences for Deer in Maryland***Elton A. Daal • Business and Management***A Variance-Gamma Model of Interest Rate Option-Privacy: Theory and Evidence***Alain Dabdoub • Biology***The Role of Protein Kinase C in the Ventral Photoreceptor of *Limulus polyphemus****Ying Dai • Meteorology***Dynamical Diagnoses of the Northern Hemisphere Interannual Variability***Martha L. Dang • Biochemistry***Studies of Spa K and Spa R, Two Components of a Signal Transduction System That Regulate the Spa Operon and the Expression of the Lamibiotic Subfilimin B. subtilis***Krishna Darbha • Mechanical Engineering***A Physics-of-Fatigue Approach for Virtual Qualification of Area Array Interconnect Technologies***Anahita M. Daroowalla • Psychology***Negotiating Cultural Discrepancies in Autonomy: A Grounded Theory Study of Bicultural Adjustment in College-Age Asian Indian Immigrant Women***Diganta Das • Mechanical Engineering***Extended Temperature Range Electronics: Availability and Behavior***Brook M. Davis • Theatre***Constance D'Arcy Mackay: Playwright, Director and Educator***Michael D. Davis • History***The United States, the United Nations and International Conflict Resolution, 1946-1968***Natalie A. Davis • Biochemistry***DNA Deformation by the TATA-Box Binding Protein***Paul E. Davis • Geography***Religion & Settlement in 17th Century New England***Regina G. Davis • Psychology***The Effects of Gender-Role Attitudes, Affiliation Content, and Problem-Solving Self-Efficacy on Women's Selection of Coping Strategies***William B. Deutscher • History***President Nixon and School Busing***Leyla S. Diaz • Microbiology***Effect of DNA Polymerization Errors Catalyzed by HIV Reverse Transcriptase on Recombination Efficiency***Carolyn Dimitri • Agricultural and Resource Economics***By Our Fruits They Shall Know Us: The Role of USDA Inspections in Guaranteeing Fruit Quality***Andrea L. DiCarlo • Biology***Electromagnetic Field Exposures Induce Protection Against Oxidative Stress*

Yan Dong • Business and Management

Just-In-Time Purchasing and Supply: A Supply Chain Analysis

Prateek J. Dujari • Mechanical Engineering

Analysis of Random Vibration on Repetitive Shock and Electrodynamic Shaker's for Accelerated Fatigue of Electronic Instruments

Valerie L. Durrant • Sociology

Children's Work and Schooling in Pakistan: Missed Opportunities or Limited Options?

Jeanne A. Dussault • Curriculum and Instruction

Implementation of NCTM's Professional Standards Using Nonroutine Problem Solving

Peter D. Eckel • Education Policy, Planning, and Administration

How Institutions Discontinue Academic Programs: Making Potentially Adverse Decisions in an Environment of Shared Decision Making

Thomas A. Edison • Chemical Engineering

Thermophysical Properties of Fluids and Fluid Mixtures: Including Critical Fluctuation Effects

Khaled H. Elouseily • Civil Engineering

Reliability Assessment of Pile Foundation in Sand

Janet L. Epps • Molecular and Cell Biology

Characterization of Oroshigare(oro) and semushi(semi) in Drosophila Development

Zina L. Evans • Counseling and Personnel Services

Impact of College on Self-Concept Development in Black Women College Students

Zhencan Fan • Physics

Single Longitudinal Mode External Cavity Semiconductor Lasers and Their Application in Optical Generation of Radio Frequency Signals by Heterodyne Phase Locking

Lucia S. Foster • Economics

Employment Adjustments and Plant Characteristics

Michael J. Frame • Aerospace Engineering

Analytical Solutions of Hypersonic Type II Shock Interactions

Michael K. Francis • Chemical Engineering

Application of a Novel Video Microscope to the Investigation of Drop Breakage in High Shear Mixers

Thomas H. Frank • American Studies

Resituating Literature: Belief and the Cultural Work of Narrative

Bernard A. Frankpitt • Electrical Engineering

Robust Control of Hidden Markov Models From Input-Output Information

Brianne W. Friel • English Language & Literature

Hitting a Straight Lick with a Crooked Stick: Double-Voiced Discourse in the Works of Zora Neale Hurston

Clara B. Fuentes • Entomology

Potassium-induced Tolerance to Potato Leafhopper on Alfalfa

Haruka Fukazawa • Linguistics

OCP Effects on Features

David V. Furman • Government and Politics

The ASEAN Reaction to External Satellite TV Broadcasting

Aneta Georgievska-Shine • Art History

The Poetics of Quotation in Rubens' Versions of Myths

Asok K. Ghosh • Civil Engineering

Finite Element Formulation of Masonry and Investigation of Semi-filled Frame

James R. Glenn, Jr. • Computer Science

Implementing WSIS Via Finite Automata

Parke T. Godfrey • Computer Science

An Architecture and Implementation for a Cooperative Database System

Manish K. Govil • Mechanical Engineering

Integrating Product Design and Production: Designing for Time-To-Market

Wayne D. Graham • Kinesiology

Skeletal Muscle IGF-I and IGF-I Receptor mRNA Responses to Chronic Resistance Training in Post-Menopausal Women

Lynda Grahill • English Language & Literature

Hunchbacks in Literature

Nikki D. Graves • Human Development

Racial Identity and Racial Socialization Among Educated African American Sorority Women

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Role of Subtilin Leader in the Secretion of C-Terminal Extension Mutants of Subtilin in E.coli and B.subtilis 168; Construction of Host-Vector Mutagenesis System for Sublancin Production in B.subtilis 168

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Donizetti's Rita

Clifton D. Hardin • Music

Alessandro Grandi's Messa Seconda a Otto Voc

Ta-Hsi Pang • Music

The Variation Technique Used in the Classical Era as an Independent Set or as Part of a Multinovement Composition in the Works of Haydn, Mozart, Beethoven and Schubert

Jeffery A. Prentice • Music

Contemporary Timpani Concertos

John O. Pursell • Music

Italian Music for Trumpet in the Seventeenth Century with Emphasis on the Works of Alessandro Scarlatti

Carlos C. Rodriguez • Music

Mozart: The Complete Piano Sonatas and Fantasies, A Performance Project

Samuel R. Swift • Music

The Complete Works for Cello and Piano by Ludwig van Beethoven

Pamela J. Thompson • Music

Quantitas Intrinsecu and Its Relationship to Marks of Articulation in the Mozart keyboard Sonatas

Jia-Yue Yang • Music

The Performance in Selected Chopin Music



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2nd Degree: Art Studio
Laurie Ann Tylec
2nd Degree: Art Studio
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Shawna Jeanette Gooding
Kristine Gregoire-Cope
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English (Language Arts)*
Andrew Bernard Hager
Courtney Lauren Hanson
Jessica Claire Higgins
Tiesha Demse Higgins
D. Andrew Hilder
Susan Hislop
My Ha Hoang
Cassandra Janine Hoke
Kimberly Nicole Jackson
Brenda Kathleen Jones
Justin Shannon Jouvenal

Brandi Marie Kerns
 Taffame Momque Ketema
 Wendy Colleen King
 Wendel Jay Damaso Ladrangan
 Abigail Hannah Levin
 Maria Pauline Lignos
 Lauren Rachel Lipscomb
 Michelle Marion
 Brian Neilson McFaden
 Christine Marie Michos
 Anne Marie Morganelli
 Sean Gary Muller
 Jonathan Arthur Muss
 David Barron Nesselrode
 Colleen A. O'Boyle
 Alexandra Katerina O'Connor
 Courtney Kiernan Odum-Duncan
 Preethi Paresh Parmar
 Jennifer Elizabeth Paul
 Petal Petrina Elecia Powell
 Brian Eugene Rameau
 Melissa Janet Read
 Jill Rodgers
 Rebecca Lynn Ross
 Stacey Kathryn Russ
 Mona Saeed Ibrahim Salah
 Kathy K. Sanders
 Solomon Prabhatchandra Sarang
 Susan Claire Shanahan
 Lisa M. Simmons
 Jennifer Michele Sincavage
 Douglas David Singleton
 Francis James Smith
 Alexis AnOra Steadman
 Laura Marie Stevralha
 *David Alan Stockhoff
 Aimee Larayne Stuart
 Christine Helen Suh
 Megan Alysse Swartz
 Leslie Kay Terry
 Kristian Themstrup

Claire Elizabeth Thombs
 Kerri Lynn Thorpe
 Le Quan M. Turner
 John Bellingham Weir
 Keana Samantha Wilkes
 Ohnica Itasha Wright

French Language and Literature

Philip Carter Abraham
 Sarah Broughton Anderson
 Traci Ann Carney
 Jeffrey Damien Gantt
 Natahe Ewa Hasny
2nd Degree: Government and Politics
 Katherine Jean Henderson
 Latifa Fatma Jackson
2nd Degree: Biological Science, Cell and Molecular Biology and Genetics
 Brian Edward Kall
 Hyun Yong Kim
 Pearce William Karl Miller
2nd Degree: Economics
 Mary Margaret Vanlaer
 Ann Elizabeth Wolsey

German Language and Literature

Alice Mae Berg
 Steven Arthur Birdsall

History

Kwasi Awoah Aboagye
 Michael Augustus Ager
 William David Battles
2nd Degree: Secondary Education-Social Studies
 Jason Mark Bauer
 *Joseph Lanham Beavers
 Francesca Marie Callian
 Andrew Laurence Childs
 Erick Thomas Clark
 Devin R. Edwards

Itasha I. Edwards
 Nikola Flanjak
 Jeffrey Vincent Foltz
 Kathleen Anne Fought
 Brian Austin Frazee
2nd Major: Government and Politics
 Stephen Kirk Fri
 Catherine Alena Groven
 *Courtney Brook Hale Hackett
 Ray-Jean Han
2nd Major: Japanese
 Basam Othman Hasan
 Alan Marshall Herring
 Darren Hess
 Donald Martin Holmes
 Edward J. Holt
 Max Ibadov
 Chima Ikpoidika Kalu
 Erin Jeanette Kanoy
 Edward C. Lee
 Phillip Lee
 Hector A. Martinez
 John Patrick McGuire III
 Sean Patrick Mitchell
 Shannon Elizabeth Mohan
 Kevin Charles Myers
 John Joseph O'Hara
 Michael James Peck
 Timothy Brion Ritter
 Catherine Elizabeth Aaryn Robinson
 Stacey Elyse Rosen
 Colin Lee Saba
 Marith E. Schuhart
 Danni Lynn Stinson
 Ian Douglas Tisdale
 Dungthanh Tran
 Victoria Elizabeth Ann Walsh
 Jennifer Lauren Watson
 Barnaby Leo Wattenmaker
 Jessica Carmel White
2nd Major: Afro-American Studies

Sean D. Wilkerson

Japanese

Sun-Hee Chang
 Kang Eric Chung
2nd Degree: Marketing
 Grace Jae-Eun Han
 Jin Kyung Kim
 So Yeon Kim
 Pin-Fang Su
 Mark A. Wisniewski

Linguistics

Araminta Hammond
 Deborah Ann Rickert

Music

*David Glenn Erickson
2nd Degree: Electrical Engineering

Philosophy

Eric Michael Abramson
 Paul Damien Comlish
 William Brian Edges
 Eric S. Parnes
 *Ajay Nath Segal

Romance Languages

Giancarlo Gabriele Corsi
 Sara Christina George
 Lisa Kyung-Hi Lim

Russian Language and Literature

Demetry Dorfman
2nd Degree: General Business and Management
 *Caroline Marysa Kovtun
 Angela R. S. McCollister
 Jason Alexander Schneiderman

Spanish Language and Literature

Elizabeth Erin Bowers
 Joseline Dos Santos

Kasey Lane Gronau
 Khaladi Clark Josephs
 Melissa Michelle Roach
 Petra Isabel Rodriguez
 Kendra Joy Southerland

Speech Communication

Brandou Keith Agamemnone
 Gabriel Ivan Albornoz
 Luther John Alexander
 Linsey Demise Atwater
 Shawnree Lejoir Baker
 Kerri Janese Baldwin

*Melissa Barlow

2nd Degree: Government and Politics

Barbara Benenati
 Alicia Anne Bevington
 *Emily Noell Blagg
 Scott Phillip Blander
 Amanda Brett Blaskopf

Islam A. Collins

Gabriella Maria Dal Molin
 Daren J. Dean
 Ronald Kenneth Elliott
 Sabiya E. Ellis

Jessica Ann Frances
 Aariou Lynn Franklin
 Veneet Garg

Sharon Lynn Gibala
 Laura K. Haser
 Heather Anne Holland
 Gerty Rachel Jacob
 Sinta P. Joyosumarto
 Hye Won Jun

Rebecca Heather Kay
 Terence Michael Kennel
 Michael Wolf Kleinmann
 Bo Young Lee
 Jennifer M. Lee
 Lauren McCarthy Mallon

2nd Degree: Art Studio

Kevin Michael McCormick

Chris A. Mereos
 Lisa Danielle Michnewicz
 Monique Latasha Montague
 Catherine Elizabeth Nelson
 Vonnya Sabrina Pettigrew
 Bradley Morse Phillips
 Hart Matthew Rossman
 William Richardson Ruhl
 Sanaz Sam Sadaghiani
 Christina Lynn Small
 Robert Stewart Stauffer III
 Leila Tavakoli
 Ian Richard Thomas
 Michael Alan Woo
 Amy Yu

Theatre

David Charles McKeever

Women's Studies

§Shara Lynn Boonshaft
 Dahlia Maria Reed
 Janette Kathleen Robinson
 Alexandra Michele Hunter Travers

Bachelor of Music

Music
 Ian Lawrence Sikora

Music-Instrument
 John Daniel Baker, Jr.

College of Behavioral and Social Sciences

Bachelor of Arts

Afro-American Studies
 Tamika Marcella Alexander
 Wanneh Deboe Clarke
 Tiffany Patrice Johnson
 Anneliese Katrin Jones
 Yusef Nathaniel Jones

Memunah Olive Khadar
 Damien Southall
 Charles Morris Towns II

Anthropology

Martin Adam Burd
 William Russell Byrne, Jr.
 Brett Emerson Edwards
 †Barbara Ellen Finnn
2nd Major: Sociology
 Susan Carol Gordon
 Sara Ann Kalish
 Katalin Jane Koda
 Michael Richard Lawson
 Jennifer Lois Purcell
 Carolyn Anne Schwarz
 Luz Mercedes Vides

Criminal Justice

Jeffrey Lincoln Drake
 Kelly Gang Stavely

Criminology and Criminal Justice

Michael Ralph Aballo
 Stephen Marc Antkowiak
 Philip Armeno
 Cindy Lynn Armstrong
 Amy Marie Atwood
 Detra DaNaé Ayers
 Jevencia Marie Barkwell
 †Laura Elizabeth Bean
 Dennis Scott Blake
 Megan Jo Bloom
 Christopher Jay Blue
 John Michael Bolton
 Robert Lee Brown
 Shannon Catherine Brunson
2nd Major: Psychology
 Michael Oliver Busch
 Kirkland James Byrd
 Keawatin Javaughn Carter
 Christine May Cauble

Christopher Matthew Coble
 Christopher Lee Coleman
 Michael A. DeMaane
 Alex Garrido Dias

2nd Major: Sociology

Jeremy S. Disten
 Roxanne M. Dover
 John Vincent Dutton
 Kevin Taylor Eisentraut
 Mazen Ramzi Eraifeg
 Ali Mahmood Eshghi
 Jessica Leilani Eshghi
 Miguel Antonio Eversley
 Shula W. Ferguson
 Patrick Kenneth Fines

*John Christopher Fischer
 Jason Louis Fisher

Erin Fitzpatrick
 *Ashlee Susan Fulmer
 Marcus Douglas Galiber

Matthew Allen Geris
 Melissa Diane Grabowski
 Scott Michael Graham
 Yvonne Joy Hohn
 Sabrina Sherry Hoke
 *Natalie Noel Hovis

2nd Major: Family Studies

Michael Todd Isen
 Minda Maude Island
 Sean James Keenan
 Anson More Keller III
 Changsup Kim
 Andrew Scott Krieger
 Christopher T. Kuzio
 John Robert Latino
 David William Light
 Stacy Renee Little
 Brian Patrick Marron

2nd Major: Government and Politics

Matthew Charles McBee
 Marcie Beth Miller
 Kenneth R. Molter

Michele Marie Mosbrucker

†Ashley Marie Murphy

Sean Carlo Murphy

Benjamin O. Ngene

April Dawn Nuhn

2nd Degree: Sociology

Kelly Shawn O'Hearn

Charles Lovette Owens, Jr.

Bryan Jason Paige

Demetri M. Pantazes

Scott Christopher Parrish

Sandra Alicia Penaherrera

Sara Ruth Piorko

Kevin Michael Popko

Lynn Marie Porte

Kurt Charles Poulin, Jr.

James Michael Qualter

Francis Paul Radin

Brian Michael Reese

Jason Howard Reinhardt

Alexander B. Rosen

Jason Patrick Ross

Joel Clifford Sackett

Philip Andrew Sakala

Michelle Christine Salmon

2nd Major: Government and Politics

Ellen Marie Salvenm

Jordan Brian Satinsky

Robert Johnson Saveland

Michael Edward Schmidt

Joseph William Sego

Laura Anne Shoup

Allison Marie Spencer

2nd Major: Psychology

Melissa Megan Sperling

Michael Keith Towles

Patricia Tranquille

Anthony Allen Tucker

Jason Scott Turchan

Christian Frederick Wetherbee

John Edward Williams

Maetinee Regina Yanon

Economics

Mikhail Achilles Adamantades

Amanda Lee Adams

Robert B. Agans

Komran Reza Aghazadeh

Faiz Ahmad

Justin Joseph Aronson

Karen Cecilia Bloom

Ian Brown

Kathleen Michelle Brown

Antomo Rettig Cabezas

Alvin Palencia Carbon

Timothy Ramon Carter

Chong Won Choe

Firmus Albert Conte

†Sarah Anne Cooper

Ben L. Crosby

Olivia Crosby

Papa Birama Fall

Brian Alexander Flank

Jen Loong Gan

Maria Celeste Gentile

Anne Marie Gravallese

Marcus L. Grubb

Michael Mathias Hart

Jason Desmond Hill

Timothy Michael Hurley

Taehyung Kim

Olivia Chikako Kranz

Christopher Lee Leckner

Hae Dong Lee

Brian Christopher Loftus

Scott Timothy McBrien

Pearce William Karl Miller

*2nd Degree: French Language
and Literature*

Asburton Augustine Milson

Kyle Ramon Morsell

Bopolo Ndosi

Kwame Poku Nimo

2nd Major: Finance

Kevin M. O'Connor

Jae-Won Park

Shreya Jagdish Patel

†Michael Eric Paul

2nd Major: Government and Politics

Jennifer Theresa Ratanavanich

Sarah Kay Rosenwinkel

Robert William Russ

Mary Meghan Ryan

Anuradha Salvi

Michael B. Shekel

2nd Degree: Accounting

Michael E. Sommerfield

Robert Alan Swartz

Lauren Michelle VanDuser

Jack S. Velasquez

Christopher G. Walters

John Thomas Wolff

Braden Andrew Wolvin

Government and Politics

Camille Alicia Abrahams

2nd Major: Afro-American Studies

Cyracus Chukwunonye Anaele

Teale Chamming Armell

Sara Elizabeth Atwell

*Melissa Barlow

2nd Degree: Speech Communication

Charles Edward Beale

Marc Avi Ben-Canaan

Kimberly Ann Boissiere

David Andrew Brunner

†Sean Andrew Cain

Kyra Simmons Capen

Christopher Michael Carbine

Manosh Chakravorty

Corey Ann Chandler

Catalina Cock-Duque

2nd Major: Sociology

Claudia Jean Colmon

Stephen Ray Collins

Daniel Collins Delaney

Keith Joseph Dominick

David Peter Ebbe

Jeffrey Lynn Eckert

†Gerardo Daniel Eidelman

Andrew Lawson Farrell

Eugen Filip

Jason Christopher Finch

John Ira Fleet III

Kirsten Marie Frese

2nd Degree: Journalism

Darryl Kevin Giles, Jr.

Douglas Edward Greise

Natalie Ewa Hasny

*2nd Degree: French Language
and Literature*

Daniel Christian Hemmer

Karen G. Hilsaca

Diana Marie Hinton

Joo Hyung Hong

Faiza Javid

Ross S. Jeffries

*Daniel Jacob Kapust

*2nd Degree: Classical Languages
and Literature*

Francis Frank Joaquin Klemm, Jr.

Meredith Leigh Krase

Matthew Robert Krieg

Jeremy Peter Kuester

*2nd Degree: General Business
and Management*

Ioannis Aristotle Laskaris

Huy Anh Le

William Booth Lescure

Karen Liu

*Merriam Sarah Lofgren

Cylia Evonne Lowe

Matthew Wade McMullin

Tiffani Shaun McQueen

Mazna Zaffer Mirza

*Andrea Tania Musalem
2nd Major: Sociology
 Maria Barbara Nacos
 Laura Ann Navarro
 Gerald Jeffrey Noll
 Michael Allan Nurse
 Margaret Mary Palmer
 Christopher John Panuska
 Despina H. Papapostolou
 Esther Eun Kyung Park
 George Jai Park
 Barbara Guadalupe Pulgar
 Michael Francis Puppak
 Rebecca Amy Reichman
*2nd Major: Criminology and
 Criminal Justice*
 Anthony Michael Riess
 Andrea Rose Robinson
 Justin David Ross
 Val Rozansky
 Vivek Ramanlal Ruia
 Christina Joanna Salvi
 David Adam Schaeffer
 Mindi Elaine Sepaniak
 Alexander Shames
 Stephanie Michele Simpson
 Joseph S. Solomon
 Karen Marie Stedman
*2nd Major: Spanish Language
 and Literature*
 Spiros Nick Tatakis
 Egbevadoh Serge Tshamala
 Justin Wright Ward
 Brent Dwayne Whitlock
 David Wu
 Demetrios Thom Zacharopoulos
 Hamida Fatima Zaidi
 Christina Lynne Zamier

Hearing and Speech Sciences

Sara Jane Booth
 *Christine M. Linklater

Sally Louay Mahmood
 †Nicole Jennifer Pope
 Monica-Leigh Price
 Marisha Patrice Saunders
 Jennifer Leigh White

Psychology

Shannon Christine Bradbury
 Joshua Robert Burdette
 Christopher Martin Chaka
 Mary Choi
 Coleen Christensen
 Joseph Matthew Cioffari
 Sara Michael Connors
 Tonya LaChele Davis
 Daniel Boylan Denney
 Michelle Monteiro Deville
*2nd Major: Criminology and
 Criminal Justice*
 Tamir Sammy Diab
 Robert Paul Dickae

*Joshua James Felsen
*2nd Major: Criminology and
 Criminal Justice*

Arlene Marie Gillespie
 William Edward Golding
 Pamela Waseme Graham
 †Katherine Mae Guenther
 Joshua Mark Hall

†Debra Lynne Herbemck
 Anne Leah Hilsenrath
 Maryam Ayesha Ilahi
 Jennifer Suzanne Ingle

2nd Major: Sociology
 Timothy Richard Jansen
 Tijan Samir Kaibin
 Amy Elizabeth Kennedy
 Katherine Elayne Kneale
 Ludwig Sasan Kragler

Jennifer E. Krause
 Anderson Lee
 Mariela Fuenzalida Light

Anthony David Majeran
 Kevin Todd Mason
 Shannon Lee Massengale
 Anjah Ram Mitter
 Inge Ohlenschlager
 Damani L. Orton
 Ada Paulett Priest
 Adnan Qureshi
 Louis Nathaniel Randall, Jr.
 Elizabeth Jeanne Sanchez
 Matthew Carl Schwimer
 Katherine Elizabeth Scutt
 Jonathan Michael Shatzkamer
 Cheryl Federico Shive
 Naina Shrivastava
 Alyssa Erin Shultz
 Michelle Lynne Silberberg
 Erica Patrice White
 Herman King Wong
 Soo Y. Yang

Sociology

Bernard Atta-Boateng
 Henry Warren Baker II
 Michael Samuel Barrett
 Lauren Amanda Berodt
 Christine Michele Billings
 Sheila Denise Booker
 Amanda Lynn Bullen
 Laura Marjorie Burns
 Gregory Allen Claxton
 Kristin Santana Covington
 Meredith Anne Coyne
 Andrew Phillip Crawmer
 *Beverly Jan Geesin
 Joseph Anthony Graziani
 Terita Rene Jackson
 Leon Anthony James
 Jane Xavier Joseph
 Jeane Kim
 Kimberly Ann Kirkland
 William Albert Littleford

Matthew Marcus
 Matthew Christopher Markett
 Cara Ann McGowan
 Kristin Elizabeth McKinley
 Kara Lynne Morrison
 Tama Mutreja
 Yahaira Norris-Gonzalez
 April Dawn Nuhn
*2nd Degree: Criminology and
 Criminal Justice*
 Mitchell S. Patterson
 Felix John Pomponi III
 Ryan Matthew Rezzelle
 Cathlin Donnelley Ryan
 Evan Hunter Schwartz
 Jamie Michael Shuster
 Alexis Jeannine Thompson
 Steven Edward Tillman
 Julianne Venit
 Daniela Webber

Bachelor of Science

Geography

Gordon Patrick Ainsworth
 Brent Douglas Anderson
 Shawn Michael Beuham
 Michael Logan Cline
 Jennifer Kathryn Crump
 Elizabeth Anne Dennis
 Didier Devers
 Frederick Henry DiFiore III
 William Brad Distad
 Gregory Russell Fisher
 Michael Grewe
 Robert Scott Hanna
 Krista Serena Hanson
 Paul Edward Kerza-Kwiatecki
 Ronald W. Luna
 Megan Rea Lyden
 Lisa Denise Murphy
 Craig Alan Ostovitz

Michael James Reed
 Miscan Elizabeth Reed
 Louis Francis Saffell
 Patrick Michael Vaughan
 Michael Edward Wade

Psychology

Laurita Nkechmyere Ajagba
 Lisa Antonelli
 Caroline Lucy Conley
 Elizabeth Gudsnuk
 Deanna Lynn Hall
 Tracey Lynn Kogok
 Ryan M. Kraven
 *Sze Wai Lam
 Nicole Marie Mihalka
 Jeremy Daniel Pape
 Teneka Binti Polite
 William Bradley Rittase
 Joanna Catherine Rocchio
 Malaika Sherron Shell
 Jaime Danielle Shore

College of Computer, Mathematical, and Physical Sciences

Bachelor of Science

Computer Science

Folashade Omotade Adeyosoye
 Zahid M. Akhtar
 Steven Douglas Alexander
 Akosua Ampomabea Amoah
 Eric Frank Andreasen
 Bram Warfield Arrington
 *Russell Monroe Beall
 Bjorne Marie P. Beltran
 Joaquin Beltran
 Lev S. Blintchik
 Kevin M. Carruthers
 Amira Chalabi

Wimry Cheung
 Justin Sheng Chiu
 Peggy Perym Chu
 Matthew David Colello
 Edward Oliver Craft
 Douglas Martin Daniels
 Khiem Dac Doan
 Rick Christopher Ernest
 Curtis Neil Fernandez
 Gino Sergio Flores
 Diego Ignacio Garcia Lopez
 *Heather Ann Geber
 *Howard Jeffrey Goldgeier
2nd Degree: Finance
 Bunny R. Gosaha
 Brian Scott Hak
 Ivan Shao-Fong Han
 Robert Matthew Harris
 †Daniel Jacob Heller
 Sarah B. Holley
 Steven Parks Kaeser
 Chih-Pin Kao
2nd Degree: Electrical Engineering
 Ashish Manmohan Khaney
 Daniel Kiwon Kim
 Sung Kwon Kim
 Yohahn Hyunjong Kim
 Yowong John Kim
 Timothy Robb Kousky
 Hong Dieu Le
 Kathryn Elizabeth Leher
 Nathaniel H. Lounsbury
 David John MacCormack
 Eugene Diaz Madlangbayan
 John Michael McGann
 Barbara Anne McGill
 Patrick Kenneth McGinness
 Dnuriy Vladimirovich Mylov
 Khanh Quoc Nguyen
 Viseth Peang
 Qitian Pu

Elizabeth Anne Rodgers
 Robert Stephen Rodgers
 Aaron D. Rosenzweig
 Joel Michael Schnur
 Carlos S. Schooler
 Ashish I. Shah
 Aleksey G. Snitkovskiy
 Rohit Soni
 Todd Andrew Suralik
 Orin Paul Sydney
 Christopher Damien Terenzi
 Vu X. Trinh
 Jayant Arun Vete
 Michael Thomas Walker
 Tiff Yunfeng Wang
 Feng Wei
 Gregory James Werner
2nd Degree: Electrical Engineering
 Nanci Nianci Wong
 Ki Sung Yoon
 Qing Yu Zheng
*2nd Degree: Management Science
 and Statistics*

Geology

Adrienne Tiffany Freda
 Theron Christopher Grim
 Matthew Wayne Heber
 Kathleen Louise Wright

Mathematics

Meera Sanat Aghera
 *Pete Spencer Barrow
*2nd Degree: Secondary Education-
 Mathematics*
 Hicham Benkassam
 Michael J. Chung
 Joshua Leigh Fisher
 *Craig Leon Lambert
 Jooyeon Pauline Lee

Deborah Marie Mahood
*2nd Degree: Secondary Education-
 Mathematics*
 Phu Dinh Nguyen
 Michael Shai Rosenbaum
 Cairo Srey
 Man-Ci Tam
 Insun Yoo

Physical Sciences

Kim Lee Comedy
 Vern Leroy Shird

Physics

Ever Arnoldo Aguilar Guandique
 Alex Zarechnak
2nd Major: Mathematics

College of Education

Bachelor of Arts

Education-Art

Elizabeth Anne Grieco
 Cynthia J. Smudt
2nd Degree: Art History
 Kathryn Marie Sydnor

Education-Music K-12

Cathryn Inez Wanders

Secondary Education-English, (Language Arts)

*Shannon Carrie Altman
*2nd Major: English Language
 and Literature*
 Brendan Joseph Cassidy
 Kristine Gregoire-Cope
*2nd Degree: English Language
 and Literature*

Secondary Education-Social Studies

Nicole Wendy Asquith

William David Battles

2nd Degree: History

Brian Patrick Dungan

Richard Lee Jaquith

Charlene Debra Lester

2nd Major: Geography

Martin Joseph Morin

Jennifer Lynne Smedley

Christopher Michael Smith

William David Waddell

Secondary Education-Theatre and English

*Michelle Suzanne Kanotz

Bachelor of Science

Early Childhood Education

Brenda Michelle Andrews

Kevin Douglas Andrews

Heather Marie Brown

Danielle Lee Dorak

Matthew A. Gamard

Heather Michelle Gorman

Amy Lynn Grammer

Rama Elias Haddad

Diana Alice Hagan

Jennifer R. Hammer

Laura Jean Hoffman

Jeanna Lynn Kriewaldt

Jessica Lynn Levine

Lisa Weiss Libfeld

Carrie Jennifer Lobar

Martha Ann McGill

Heather Laurine Mennell

Robin Lynn Mohr

Cynthia Dawn Ofenstein

Michelle Marie Perez

Nicole Marie Quimones

Ona Reckling

§Maureen Anne Reilly

Kristine Agnes Ruth Ryland

Avid Safaipoor

Lisa-Helen Shapiro

Sherrri Dianna Stevens

Paul Vincent Surowiec

Sarah Elaine Taylor

Kimberly Marie Van Sant

Stacey Marie Veitch

†Engrid Chu-Ying Wu

Education-Music K-12

Timothy Norris Beall

Ursula Adrianna Costa

Timothy Joseph Girdler

Eileen Mary Gow

Elementary Education

Meron Adefris

Kristie Ann Albright

Jordana Astrologo

Cynthia Joyce Bartz

Jenna Michelle Bertrand

Andrea Lynn Boxer

Andrew Robert Bradshaw

Jacqueline Marie Carr

Mary Ursula Carran

Mi Jin Chang

Kristina Sue Clark

Eileen Mary Connor

Kristen Ann Corbett

§Donnarae Benigna Curtiss

Fauzia Dawer

Kathryn Margaret Enfield

Michael Emmanuel Essel

Georgia Mae Foster

Evelyn Yuen Ha

Jee Young Han

Abby Shaindel Holland

Sharalyn Anne Hubler

Melanie Meeyoung Hyun

§Jennifer Lynn Jones

†Trisha Lynn Kagey

Audrey Michelle Kantorow

Kimberley Marie Kerns

Lila Kim

Corey James Kinsella

Lynn Michelle Kraft

Andrew Austin LaVoie

Sharone Clara Lerner

James Clark Miller

Karen Ann Morris

Donna Elizabeth Perry

Cynthia Marie Pierpoint

*Patrick Christopher Richardson

Francine Marie Scafone

Mary Lawrence Silverman

Rossanna Maria Snellings

§Kathleen Michelle Steele

Clayton James Stewart

Rhonda Vernell Thompson

Lauren Elizabeth Tobin

Robert Li-Hsun Tsai

Sherise Joset Vickerie

Angela Fiorella Vizzo

Rebecca Jean Wukitch

Catherine Zizlavsky

Secondary Education-Social Studies

*Pete Spencer Barrow

2nd Degree: Mathematics

Clifford Kent Bott

Alison Leigh Brodt

§Gary W. Roush

Secondary Education- Mathematics

Michele Renee Cocchiaro

Rikki Renee Corr

Kelly Ann Hopkins

Anna Maria Lopez Llanes

Deborah Marie Mahood

2nd Degree: Mathematics

Special Education

Elaine Ann Greene

Teresa Ann Schmidt

College of Health and Human Performance

Bachelor of Science

Family Studies

Shana H. Arsenault

Suk-Ching Sandy Au-Yeung

Sharon Margaret Battiste

Cheryl Anita Borden

Maureen Elizabeth Chambers

JoAnne Elizabeth Courts

Anne-Marie Dabdoub

Lisa E. Evans

Julie Lynn Faust

Karen Elizabeth Files

Marie Phyllis Gallagher

Jennifer Ann Graves

Terry Mason Gunn

Stephanie Ewinda Hayes

Norah Catherine Heinle

Debbie Anne Hewitt

Nicholas Jon Heynen

Melissa Dawn Howell

Kerrin Maria Hunt

Traci Rene Hurst

Robert Edward Johnson II

Mary Christine Lalka

Beth Ann Latzo

Kara Anne Lotto

Brian Daniel Marquis

Olethia Clarice McBride

Grace Ann Azcarraga Nebres

Rachel Anne Petersen

Kelly Ann Purcell

Amy Lisa Radinsky

Karl Richards

Kristi Saxon

Rebecca Gae Sheppard

Shamara Indra Divindi Singh

Jamice Elaine Smith
 Grace Nasser Sussan
 Shawn Deldrea Thomas
 Wendy Lyn Warren
 Alison Eve Wiley
 Sarah Elizabeth Wilkinson
 Marleen Yee

Health Education

Lisa Doris Bernstein
 Gregory Cantave
 Cari Ann Hays
 Pardess T. Kahnovitch
 Hee Yun Kim
 Susan Lee
 Dana Mandy Lefko
 Julie Ann Marone
 Juha Argentina Matute
 Angela Lynne Milcetic
 Helma Arvind Parikh
 Michelle Lyn Raley
 Natiqqa Casilda Raley
 Tricia Alicia Schwartz
 Korto Priscilla Sherman
 Gabriella Miyuki Uza
 Mary Margaret Vines

Kinesiological Sciences

Ryan Daniel Abbott
 Jason H. Adams
 Kimberley Britt Adolphs
 Akil Shomari Benjamin
 Jason William Bodnar
 Beth Ann Bradley
 Neal Jadormio Caburian
 Michael Anthony Camp
 Mischelle J. Canter
 Kathryn Kirkpatrick Cate
 Stephame Lorraine Cross
 Eureka LaPearle David
 Christine Marie De Bow
 Mary Lynne Doll

Marsha Olga Tracelyn Edwards
 Vargima Yvonne Fairfax
 Ansel A. Floy
 Andrea Beth Freidkin
 Roye Joel Greenzaid
 Michael Thomas Guilbault
 Mehssa Anne Hoff
 Michelle Lyn Hopkins
 Ryan Kudrak Howe
 Brian Dean Jackson
 Glenn Joseph Kneeland
 Arthur Joseph Lievre
 Mark Lodovici
 Neil Mallinson
 Kristen L. Marinelli
 Kevin Michael McHugh
 Reneé Darlene Miller
 Richard Alton Mitchell
 Gregory George Murray
 Nwawueze Ihuaku Onyewu
 Anthony Gale Page
 Kathryn Grace Reutemann
 Richard Francis Ruyter
 Heather Erica Schadler
 David Anthony Scott
 Eliot David Sokalsky
 Georgina Elizabeth Solon
 John William Studgeon II
 Robert Lane Van Allen
 Andrew Craig Williams
 Danette Alicia Zepeda

Physical Education

Tricia Ann Burdt
 John Kevin Kylus
 Lori A. Pauxtis
 Deborah Ann Skelly
 Wendy-Beth Way

College of Journalism

Bachelor of Arts

Journalism

Christopher Daniel Alexander
 Michael Joseph Arenas
 Byron Griffith Benner
 Rachel Kate Brandoff
2nd Degree: Art Studio
 Sarah E. Chapin
 William C. Chapman
 Elizabeth Hee Chu
2nd Major: Art History
 Samuel Clover
 Whitney Michelle Detwiler
 Ogochukwu Sylvia Ekezie
 Eduardo Andres Encina
 Christopher George Finan
 Andrew Charles Frankel
 *Amanda J. Crawford Franquist
 Christina Erin Frasch
 Kirsten Marie Frese
2nd Degree: Government and Politics
 Diego Martin Garcia
 Paul Fritz Hahn
 Eric Scott Hartwig
2nd Major: Government and Politics
 Tze Shung Ho
 Douglas Rodney Knight Holl
 Francie M. Israel
 *Andres Izquierdo
 Michael Eugene Johnson
 Keena Monique Jones
 Kristen Leigh Knight
 *Stacy Leibowitz
 Matthew Jay Lesko
2nd Major: Government and Politics
 Elisabeth Attwood Mahaffay
2nd Degree: Art Studio
 Steven Marc Matty
 Marceia T. Melton

Danielle Bridgid Minogue
 Daniel Thomas Murphy
 Denise Y. Muse
 Mehssa Darline Nolan
 Augusta Marie Olsen
 Susanna Nicole Palmer
 Sean Christopher Phelan
 Brian Carlton Reinert
 Claudia Trinidad Melendez Renehan
 David Michael Reynolds
 Daniel Rockkind
2nd Degree: Accounting
 Renee Cidell Samuels
 Kenneth Robert Schappelle
 Samara Beth Schwartz
 Jenna Ann Seery
 Daniel J. Sernovitz
 Amy Jacobs Shellabarger
 Dana Michelle Silberman
 David Christopher Strickland
 Patrick Gerard Sullivan
 Christopher Nathan Thatch
 Karen Marisa Torriero
 Jamee Lynn Turek
 Andrea Martins Vieira
 *Matthew Alan Walcoff
 Catherine Maria Welch
 Brittany Michelle Williams
 Eric Alan Wolk
 Kristy Ann Wright
 Christopher Kenneth Ytuarte
 Carolyn Marie Zajano
 Gregg Robert Zucker

College of Life Sciences

Bachelor of Science

Biochemistry

Aaron Soham Austin

2nd Degree: Biological Sciences, Zoology

Brian James Boynton

2nd Degree: Biological Sciences, Physiology and Neurobiology

David Kojo Hamilton

Anwar Husain

Jason Patrick Meyenburg

Moses Clifford Nwala

Jason Edward Rheinstem

Gregory Michael Riedinger

Phillip Seung Shin

Chris Edward Surowtec

Biological Sciences, General

Cholynne Caday Agunaldo

Louis William Andrews, Jr.

Naela Moshtary Bashar

Shanay Q. Cambosos

Diana Tik Wai Chan

2nd Major: Economics

Song Eun Cho

Petecha S. Cummings

Ryan Craig Diener

Ngoc B. Diep

Angelí Nicole Dowla

Tina Walu Emoungu

Brandi Frazier

Ronnie M. Halim

David Seth Hecht

Heema Devi Inderdass

Kosuniqué Tamesha Jenkins

Nandita Kapur

E. Sage Lockhart

Verónica Francisca Lopez

Kevin Patrick Mahoney

Thomas Ramsay McElroy

Mitchell A. Nicholas

Maura Kathleen O'Rourke

Obinna Umunna Okoroma

Melissa N. Parker

Russell Alan Payne

Kristina Louise Pihlt

Hina Imran Qureshi

Kim Marie Redfearn

Jennifer Lynn Scott

Nahid Shirzady

Eugene Sun

Tihitina Taffesse

Jerome Edmund Weiland, Jr.

John Raymond Wilhelm III

Michael Vincent Williams

Radha Rani Wilkinson

Susan Cheryl Zaretsky

Biological Sciences, Individualized Studies

James Anthony Demas

Virgine N. Van Wassenhove

Biological Sciences, Cell and Molecular Biology and Genetics

Chye Boon

Stephen R. Brown, Jr.

Robert James Cross

Agnes Joanna Demnanski

Eric Hang

Susan W. Ho

Latifa Fatima Jackson

2nd Degree: French Language and Literature

Preeti Kumar

Jen-Yi Lee

N. Nicholas Lysenko

Julia O'Brien Martin

Mollie Anne Mulherm

Toan Dinh Nguyen

Kevin Patel

2nd Degree: Aerospace Engineering

Eric Nathan Rabovsky

Atika Jaffar Rizvi

Nooreen Fatima Rizvi

Mena Royan

Lori Westmoreland Schoenfeld

Abdulnasir Mohammed Shash

Sudhita Karumuri Subbarao

Ijeoma Oluchi Ughor

Erica Kirsten Zeim

Biological Sciences, Ecology, Evolutionary Biology and Behavior

Tamara Rochelle Hinton

Biological Sciences, Entomology

Bijan Shams-Pirzadeh

Jaime Michelle Vandarwarka

Biological Sciences, Marine Biology

Joseph John Demma III

Sylvia Michelle P. Diez

Kassandra Michelle Kent

†Louise Parlin Meyer

Biological Sciences, Physiology and Neurobiology

Rashidatu Aza Adam

Marie Paula Yancie Enriquez Alvero

Shahram Amin-Darolzabi

Michelle Lynn Hye-Ri-Won

Bergman

David Robert Blazina

Brian James Boynton

2nd Degree: Biochemistry

In Hye Cho

Lucy Margaret Clerkin

Angelme Bertha David

David Michael Fitzmaurice

Dara Ann Gitlin

Timothy Gardner Goold

Robert James Habicht

Shalanda Dema Lyons

2nd Major: Psychology

Stacy Allison Mandras

†Alex Shokouhi Mohsem

Scott Holland Muns

2nd Major: Psychology

Ugochukwu E. Nwaeze

Ada-Nkem Angela Nwaneri

Akash Nayan Pandya

§Darryn Richard Potosky

Sarah Ranjbaran

Michael Deodat Seonaram

Shekou Momodu Sesay

Binyam Tilahun

*Ilan Z. Wemberger

Michael Joseph Welch

YiYa Zhou

Biological Sciences, Plant Biology

Rebecca Elisabeth Bierman

Anna Fielding Ince

§Jay Edward Taylor

Biological Sciences, Zoology

Aaron Soham Austin

2nd Degree: Biochemistry

Tressa Lynn Dolbear

Anne Louise Ferguson

Michael John Hunsvark

Momca Paige Newell

Guilad Pribluda

§Jennifer Marie Price

Erin Cathleen Stewart

Andrew Antomo Wright

Chemistry

Soo-Yeon Ken Ahn

Jane C. Hong

Therese Wu Vardon
 Michael George Webster
 Carolyn Rose Williams
 Young-Sil Hong Yang

Microbiology

Mike Hsieh-Fong Chang
 Emily Elizabeth Clements
 Chmyere Ibegwam Ibegwam
 Christopher James Larkin
 Carl Christian Lewin
 Kehinde Modupeolu Osifade
 Raquel Antoma Peat
 David Jay Rubin
 †Tina Louise Tootle
2nd Major: Biochemistry

Robert H. Smith School of Business

Bachelor of Science

Accounting

Nadeem Akhtar
 Kendra Christine Aldrich
 *Steven Andrew Amato
 Michael Dwight Ansell
2nd Major: General Business
 Najia Assefi
 James Jason Atkinson
2nd Major: Finance
 §Binh Thu Au
 Kristina Lyn Baartz
 Sameh I. Bebabwy
 Michael Brandon Bell
 Adam Scott Benesch
 Dennis Paul Benevitz, Jr.
 Thomas David Berlin
 Sihen Negatu Beshiah
 Marialee Supapo Borbajo
 Carole Lynn Bussom
 Adena Sima Bustow

William Jon Campbell
 Christopher J. Care
 Nancy Cheng
2nd Major: Finance
 Thomas Choi
 Michael Brent Cimino
 Gloria Concetcao Costa Cruz
 Delvon Demetrius Darden
 Samaj Kyshen Dass
 Michael B. Davis
 †Wei Ding
2nd Major: Finance
 Lan Do
 Marianne Evette Donaldson
 Paul Maurice Douglas
*2nd Major: Management Science
 and Statistics*
 Glen David Eads
2nd Degree: Finance
 Belete Yeshitila Endale
*2nd Degree: General Business
 and Management*
 Adi Englander
2nd Major: Finance
 Uchechukwu Linda Ezegbunam
2nd Major: Economics
 Charles M. Gravallese
 Robert William Gray III
 †Brandon Daryl Grimm
 David Gregory Hilker
 Kevin Matthew Horowitz
*2nd Major: Criminology and
 Criminal Justice*
 Victoria Yung-Cheng Huang
 Michael Hung
2nd Major: Finance
 Shawna L. Hastings
 Carl Douglas Jones
 Lisa Beth Kaiser
 Wonchoong Kang
 §Ariela Kestenbaum

Mohamed Mohagoub Kheiry
 *Heejung L. Kim
 Anne J. Kuh
 Christopher Ivers LaBonge
 Brandon Jaehyun Lee
 Brian Hyunsoo Lee
 Wilson Kwok-Kid Lee
 †Hayung Li
 Keith Thomas Lister
 Ellen Liu
2nd Major: Finance
 Jun-Ting Tina Liu
 †Hoi Lam Lum
 Ira Adam Lupkin
2nd Major: Finance
 Van Gia Luu
 Kemile Ronnette Maddox
 Christopher Michael Mahon
 †Umang Malhotra
 Philip Victor Maslan
2nd Degree: Finance
 Mark Andrew McGrath
 Maria Elena Menjivar
 Christine Le Ngo
 Pamela Chinyere Nwaneri
 *LaTonya Renee' Oliver
 Babyemi Olatokumbo Omotola
2nd Major: Finance
 †Amir Hanan Peleg
2nd Major: Finance
 Tram Xuan Pham
*2nd Major: Management Science
 and Statistics*
 Richard Allen Atwell Phillips
 Francis James Pickford
 Glenn Edward Pollard
 Jonathan Edward Porter
 Jennifer Gale Posner
 Daniel Rochkind
2nd Degree: Journalism
 Justin Joseph Rollison

Jeffrey Stuart Rosen
2nd Major: Finance
 Michael Eric Roth
 Charles Peter Rotondo
 Linda Kay Sellner
 David Jason Shane
 Michael B. Shekel
2nd Degree: Economics
2nd Major: Finance
 Shlomit Shekel
2nd Major: Finance
 Sung Chul Sim
 James Christopher Sole, Jr.
 Per-Tzu Song
*2nd Major: Management Science
 and Statistics*
 Per-Yun Song
*2nd Degree: Management Science
 and Statistics*
 Rvan Leslie Speight
*2nd Major: Criminology and
 Criminal Justice*
 *Shawn Patrick Streeeter
 Nicholas Thomas Stuart
 Christopher Brian Summers
 Evelyn Ann Sumpter
 Nathalie Boumi Tchouante
2nd Major: Finance
 Barry Jeffrey Tesser
*2nd Degree: Management Science
 and Statistics*
 †Michael John Thompson
 Cuong Gia Tran
 Nicholas Peter Tsahalis
 *Vicky Lynn Tucker
 Mamish P. Vanodia
 Ella Marie Walker
 Kaylan Wang
 Kareemah Aisha Weans
*2nd Major: Criminology and
 Criminal Justice*

†Laurie Anne Weiss
 Larry Vann Whitehurst
 Brandy L. Wilson

*Po Shan Woo
2nd Major: Economics

†Chia-Yi Yang
*2nd Major: Management Science
 and Statistics*

Kwan-Tseung Alvin Yu
2nd Major: Finance

Finance

§Laurinda E. Adjodha
2nd Major: Marketing

§Priti Aggarwal
*2nd Degree: Management Science
 and Statistics*

Christopher Joseph Antos
*2nd Major: General Business and
 Management*

Michael Jose-Pontes Araujo

Edwin M. Ashourian

Christina Renee Beal

Jesse Michael Birndorf

Tamika Francester Bishop

Allen Patrick Blackburn

Walter Arvine Blair

2nd Major: General Business

Vaneesha Rochelle Boney

Edward Daniel Brooks

DeShawn Terrell Butler

Yong Joon Choi

*2nd Major: General Business
 and Management*

Julie Anne Deza Chua

Erik Riley Clore

Kevin Joseph Colleran

Pamela Joy Corrington

Bradley Walter Dahlin

Andrew Wayne Dingess

Eric Ross Dreisen

Glen David Eads

2nd Degree: Accounting

Kim Marie Eifler

Michael Russell Epperson

Ronald G. Eritano

Gregory Jun-Ray Fang

2nd Major: Marketing

Susan Frances Filer

Christopher Michael Fisher

*Michael Joseph Flannery

2nd Major: Accounting

Maria Eugenia Garcia-Lopez

William Patrick Gillon

†Howard Jeffrey Goldgeier

2nd Degree: Computer Science

Mudrit Gupta

*2nd Major: General Business
 and Management*

Michael Hunter Hawes

2nd Major: Marketing

Seth Michael Keller

Shane Ho Kim

*2nd Major: Management Science
 and Statistics*

Jose A. Kliksberg

*2nd Major: General Business
 and Management*

Martine Hugues Laroche

2nd Major: Economics

Diane Lai Yee Lee

2nd Major: Accounting

Philip Victor Maslan

2nd Degree: Accounting

Christopher Robert Matta

2nd Major: Economics

Christine Mary McElroy

Marsha Gaye McIntosh

*Ryan Alan McKenzie

Jeffrey Todd Meacham

Matthew Timothy Meagher

Blene Mekbeb

James Douglas Milne

Soma Moon

*2nd Major: General Business
 and Management*

Evan Jeremy Morick

*2nd Major: General Business
 and Management*

Dustin Mirjaya Mudijana

Stephanie A. Mutchler

Andrew Jason Nellius

Patricia Laverne Allouch Owino

*2nd Major: General Business and
 Management*

Hee Eun Paik

Rosemaela Baltazar Parker

Ariel Baruch Porath

Kevin Jason Proctor

Daniel Theodore Proulx

Eric Anthony Putney

Sebastian Lorenzo Ramos

Prospero Darrell Roda

*Dani Rae Russell

2nd Major: Marketing

Kala Jocelyn Samuel

2nd Major: General Business

Abdulkadir Ahmed Sharif

Davi Song

*2nd Degree: Management Science
 and Statistics*

Marjorie Stafford

2nd Major: Accounting

Xochitl Sunshine Strohbehn

Hai Hong Sun

*2nd Major: General Business
 and Management*

Kerry Leigh Truban

*2nd Major: Logistics and
 Transportation*

Bryan Thomas Vander Putten

*Elke Barbara Wolf

§Kuk Yi

2nd Major: Accounting

General Business

†Laura Elizabeth Alexander
2nd Major: Finance

Sandra Christine Beaver
*2nd Major: Spanish Language
 and Literature*

Ruhee Sathaye

General Business and Management

Jana Alyse Abramson

Yetunde Adejumo Alafe

Tracy Marie Bland

Thomas Christian Brunhart

Julieta Camzales

2nd Major: Marketing

Mark Gibson Dildine

Amy Nicole Donlon

Demetry Dorfinan

*2nd Degree: Russian Language
 and Literature*

*2nd Major: Management Science
 and Statistics*

Belete Yeslutla Endale

2nd Degree: Accounting

Edgar Alberto Garay, Jr.

Alvaro Eduardo Gonzalez

Charles Chung-Chi Hsieh

Catherine Chia-Hui Hung

2nd Major: Marketing

Daniel Anthony Jackson

Sherryl Elizabeth James

Anthony Daher Kazzi

2nd Major: Marketing

Young Joel Kim

†Lana You Kong

Jeremy Peter Kuester

2nd Degree: Government and Politics

Franky Lengkong

*2nd Major: Management Science
and Statistics*

Vernon Joseph Matulonis

Antonios Mavrellos
*2nd Major: Logistics and
Transportation*

Devin James McDonald

Elizabeth Frances Moreno

Safia A. Naqvi

2nd Major: Marketing

Jaehyun Oh

Jason Kenneth Petralia
*2nd Major: Logistics and
Transportation*

†Holsa Rasamoelina

Joy Takia Janace Riley
2nd Degree: Marketing

Misato Saiki

*2nd Major: Logistics and
Transportation*

Keith Wayne Swiger

Dung Thanh Tran

2nd Major: Finance

Thomas Edward Uricheck

Dawn Marie Wood

Zhong Xia Wu

2nd Major: Marketing

Human Resource Management

Lisa Michelle Boyer

Am Angelica Carapetian

*Tiffany Terry Hill

Evelyn E. Hooker

Kristie Renee Millman

Amy Alyssa Raymond

John Kevin Renehan

2nd Major: Marketing

Matthew David Siegel

Kathleen Mary Stone

2nd Major: Psychology

Logistics and Transportation

Richard David Bors

Kristen Jennifer Brown

Eric Scott Devereaux

†Joseph Drasin

2nd Major: Economics

Philip Jay Ludington

Eric Eugene Mayo

Meredith Ann Meng

Shelly Ng

*2nd Major: General Business
and Management*

Nathaniel Adams Osgood

2nd Major: Marketing

Tracey Marie Pederson

Mark Paul Pistorio

2nd Major: Marketing

Terence Latrencski Sanders

Eiad Ziad Sayyad

*2nd Degree: Management Science
and Statistics*

Ann M. Seegel

John Louis Steele III

2nd Major: Marketing

Management Science and Statistics

§Priti Aggarwal

2nd Degree: Finance

Tariq Adnan Al-Muhtasib

*2nd Major: Logistics and
Transportation*

Vjay Krishna Ankem

*Epi Atencio, Jr.

Asim Mahmood Awan

Adam Berlickij

Andrew Loren Betaharan

Mireille J. Chaaya

*2nd Major: General Business
and Management*

May Chen

Chhainthy Phavann Chhuan

Jamey Brian Cohen

*Sharon R. D'Souza

Sheryl L. D'Souza

†Tracey Marie Diep

Ryan Jeffery Edwards

Maggie Suet Yung Ho

Billy Deon Holiday

Meredith Brookman Huntley

Dai Hoai Huynh

Jolly John

Karen Gillian John

Steven Paul Johnson

Paola Liliana Jurado

Eden Luise Kroeger

Kevin Shao-Long Lee

*2nd Major: Management Science and
Statistics: Decision and Information
Sciences*

Brian Scott Lupson

Andres Eduardo March

Brian Mitchel Markowitz

Ali Nesson

Margaret Wai-chuen Ng

*Nikhlesh Rao

Eric Charles Rehr

Eiad Ziad Sayyad

*2nd Degree: Logistics and
Transportation*

Rina Shrestha

Jason Paul Siesko

Donald Howard Singer

Davi Song

2nd Degree: Finance

Pei-Yun Song

2nd Degree: Accounting

Steven Michael String

Kathleen V. Suryadeth

Sewell Tang

Barry Jeffrey Tesser

2nd Degree: Accounting

Steven P. Thompson

Brent Morris Wamble

§Sachith Madhava Wijetunga

James Christopher Woo

Leonard Meng Ewe Yeo

2nd Major: Finance

Jun Bin Zhang

Qing Yu Zheng

2nd Degree: Computer Science

David Benjamin Zucker

Management Science and Statistics: Decision and Information Sciences

Bobbie Jane Dickerson

Jason Thomas Huff

Rajeev Mannan

Nikki D. Shah

Marketing

Tina Nichole Ambrosini

Carrie Anne Boyle

*2nd Major: Spanish Language
and Literature*

*3rd Major: General Business
and Management*

Josephine Brent

James Christopher Brown, Jr.

Andrew John Cho

Kemia Ann Choate

Kang Eric Chung

2nd Degree: Japanese

Kari Lynn Clifford

2nd Major: Finance

Peter William Coughlin

*2nd Major: Logistics and
Transportation*

Jayne Palmer Dawson

Karen Farrell Dippenworth

Chad Andrew Feldman

Lisa Ann Feldstein

Sergio Miranda Fernandes

Teresa Marie Flanagan

Dianne Marie Gooch
 James Francis Green, Jr.
 Joel Michael Greenberg
 Daniel Keith Guenther
 Daniel Solomon Haber
 Kendra Inesa Halper
 Andrew Scott Hamme
2nd Major: General Business and Management
 Jessica Ann Hartman
 Priya Job
 Brian Christopher Kaminski
 Howard Michael Knopf
 §Albert Lee
2nd Major: Management Science and Statistics
 Peter Ian Levine
 Sean Patrick McGuire
2nd Major: Logistics and Transportation
 Megan Dodd McNelia
 Christopher P. Miller
 Sepideh Naficy
2nd Major: General Business and Management
 §Felix Andrés Olmo
 Felipe Cerbino Peres
2nd Major: Finance
 Koswara Pradinata
2nd Major: Logistics and Transportation
 Traci Diane Richards
 Joy Takia Janace Riley
2nd Degree: General Business and Management
 Andrew Kenneth Robinson
 David Andrew Schey
 §Amy Melissa Schlom
 Ryan Thomas Smith

Laurie Stein
2nd Major: General Business and Management
 Ronald Shelton Stewart
2nd Major: Logistics and Transportation
 John Marshall Williamson
 Brigitte Leigh Winklbauer
2nd Major: General Business and Management
 Wenbo Yao
2nd Major: General Business and Management

Undergraduate Studies

Bachelor of Arts

Individual Studies

Susan M. Gardiner
 Brendan Patrick Heneghan
 Daton Antheus Lynch
 Melanie Anne Rosen

Bachelor of Science

Individual Studies

Eric Director
 Lisa Renee DeReggi
 Stefan Paul Gagne
 Susan Elena Nader

Candidates for Certificate Programs

Afro-American Studies Certificate

Ronald Kenneth Elliott
 Tina Walu Emoungu
 Terita Rene Jackson
 Kito Adrian James
 Kosuniqué Tamesha Jenkins

Kevin Lee Lauer
 Huy Anh Le
 Blene Mekbebe
 Christine Helen Suh

Science, Technology and Society Certificate

Gary W. Roush

Women's Studies Certificate

Soma Lynn Chase
 Nicole Marie Mihalka
 Kelly Ann Purcell
 Mona Saeed Ibrahim Salah

University of Maryland AFROTC Commissionee

Commissioning Date:

December 21, 1998

Timothy M. Knight



The College Park Scholars program was founded in 1994.
The first citation class of scholars graduated in May 1998.



August

Sohrob Collett Farudi
Joseph Michael Finneran II
Makhabele Nolana Kabwit
Sean C. Keogh
Anthony Gerard Koval
Ralph Laguerre
Alison Bonita Lang
Sheetal Ramesh Majethia
Katherine Bennett Moncrief
Eric B. Neadel
Robert Benjamin Preville
Jessica Ann Shay
Michael Adam Strauss
Lisa Jean Ulmer
Gregory Todd Wasylak

December

Shannon Carrie Altman
Michelle Lynn Hye-Ri-Won
Bergman
Amanda Brett Blaskopf
Adena Sima Bustow
Sean Andrew Cam
Kyong Ran Chung
Christopher Lane Cox
Ryan Craig Diener
Keith Joseph Dommick
Amy Nicole Donlon
Joseph Drasin
Eduardo Andres Encina
Ronald G. Eritano
Sean Brian Fisher
Stefanie Elisabeth Fogleman
William Brian Griffin
Natale Ewa Hasny
Darren Michael Heater
Katherine Jean Henderson
Tamara Rochelle Hinton
Susan W. Ho

Michael Hung
Steven Paul Johnson
Michael Eugene Johnson
Michelle Suzanne Kanotz
Caroline Marysa Kovtun
Christopher Ivers LaBonge
Matthew Jay Lesko
Arthur Joseph Lievre
Nathaniel H. Lounsbury
Lauren McCarthy Mallon
Meredith Ann Meng
Nicole Marie Mihalka
James Douglas Milne
Christopher John Panuska
Melissa N. Parker
Jennifer Elizabeth Paul
Ariel Baruch Porath
Brian Carlton Reinert
Jason Edward Rheinstein
Hart Matthew Rossman
Walter Eugene Rust
David Adam Schaeffer
Matthew Carl Schwimer
Ajay Nath Segal
Alexander Shames
David R. Shema
Jennifer Lynne Smedley
Cynthia J. Smidt
Laurie Stein
Steven Mark Strege
Xochitl Sunshine Strohhahn
Barry Jeffrey Tesser
Steven P. Thompson
Laurie Ann Tylec
Manish P. Vanodia
Wayne C. Welch
Carl Robert Wilson, Jr.
Rebecca Jean Wukitch
Demetrios Thom Zacharopoulos
Carolyn Marie Zajano

Bachelor's degree candidates who have qualified for scholarship honors upon graduation are designated by appropriate symbols adjacent to their names within the alphabetical listing 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 two years of work at the University of Maryland (60 semester hours, 30 of which were earned at the College Park campus) and (2) have a scholastic average of a "B" (grade point average of 3.0) or higher in the University of Maryland work prior to the last semester of registration before the awarding of a degree.

Degree 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 2 percent of the candidates in their respective colleges or schools), *Magna cum Laude* (if in the next 3 percent), or *cum Laude* (if in the next 5 percent) based on the grade point averages of students in the preceding three graduating classes of their degree-granting unit.

University Honors Citations

Students who have earned the University Honors Citation may wear red and gold braided cords over their academic gowns.

August

David Allan Bitterman
 Stephen Lloyd Brune
 Alicia Lenore Buerger
 Carrie Ann Chase
 Roger E. Chen
 Catherine Marie Cross
 Michelle Nicole Desrosiers
 Vinh T. Diep
 Kimberly Renell Ferguson
 Donna Marie Gelchion
 Renee Michelle Giroux
 Daryl Khan
 Eric Robert Kimmel
 Jennifer Jen Lee
 Bonnie Lynnette Milton
 Darcy Meagan Pietryka
 James Sfekas
 Melissa Charisse Tulig
 Jeffrey Warren Williams

December

Faiz Ahmad
 Aaron Soham Austin
 Kristina Lyn Baartz
 Russell Monroe Beall
 Ezequiel Berdichevsky
 Steven Arthur Birdsall
 Carrie Arne Boyle
 Rachel Kate Brandoff
 Joshua Robert Burdette

Kyra Simmons Capen
 Adam Michael Casalena
 Lily I-Ting Cheng
 Sarah Anne Cooper
 Tracie Rosalie DiDio
 Tracey Marie Diep
 Ongi Englander
 Anne Louise Ferguson
 Brian Alexander Flank
 Amanda J. Crawford Franquist
 Beverly Jan Geesin
 Dara Ann Gitlin
 Howard Jeffrey Goldgeier
 Beth Amy Goodman
 Stephen Charles Gordy
 Michael Roland Gouel
 James Francis Green
 Katherine Mae Guenther
 Steve Wayne Haga
 Fauwaz Usaid Hanbali
 Tiffany Terry Hill
 Meredith Brookman Huntley
 Anwar Husan
 James Francis Green, Jr.
 Michelle Suzanne Kanotz
 Daniel Jacob Kapust
 Rebecca Erin Kerr
 Kimberly Ann Kirkland
 Geban Keith Krikor
 Eden Luise Kroeger
 Jeremy Peter Kuester
 Jeremy Peter Kuester
 Bryant Ernest Lee
 Jen-Yi Lee
 Jason Edward Lindler
 Mrugesh Dilipkumar Majmudar
 Stacy Allison Mandras
 David Charles McKeever
 Scott Holland Muns
 Gregory George Murray

Momica Paige Newell
 Joseph Ferrel Nuzman
 LaTonya Renee' Oliver
 Akash Nayan Pandya
 Sanjai J. Parikh
 Alejandra Sofia Velez Paschke
 Vimesh V. Patel
 Samir M. Patel
 Michael Eric Paul
 Margaret Yao-Mei Peng
 Richard Allen Atwell Phillips
 Noelle Lynn Piscitella
 Nicole Jennifer Pope
 Darryn Richard Potosky
 Prakruti S. Prativadi
 Kathryn Grace Reutemann
 Paul Durakan Samuel
 Amy Melissa Schlom
 Jane Annesley Schmidt
 Jason Alexander Schneiderman
 Jaime Danielle Shore
 Christopher Damien Terenzi
 Tina Louise Tootle
 Melissa Ruth Turner
 Robert Lane Van Allen
 Matthew Alan Walcoff
 Han Z. Weinberger
 Gregory James Werner
 Ki Sung Yoon
 Alex Zarechnak

Departmental Honors

August, 1998

High Honors

Government and Politics

Daryl Khan

Honors

English Language and Literature

Pamela S. Puchalski

Psychology

Stephen Lloyd Brune

December, 1998

High Honors

Computer Science

Russell Monroe Beall

Economics

Sarah Anne Cooper

Government and Politics

Sean Andrew Cam

Daniel Jacob Kapust

Val Rozansky

Microbiology

Nooreen Fatima Rizvi

Tina Louise Tootle

Spanish Language and Literature

Kasey Lane Gronau

Honors

Accounting

Richard Allen Atwell Phillips

Ella Marie Walker

Electrical Engineering

David Glenn Erickson

Michael Roland Gouel

Joseph Ferrel Nuzman

Engineering

Jason Edward Lindler

Mrugesh Dilipkumar Majmudar

English Language and Literature

Ezequiel Berdichevsky

Finance

Priti Aggarwal

Government and Politics

Michael Eric Paul

Management Science and Statistics

Nikhilesh Rao

Marketing

Amy Melissa Schlom

Microbiology

Carl Christian Lewin

Philosophy

Ajay Nath Segal

Psychology

Nicole Marie Mihalka



The Senior Marshal Program began in 1991 as an opportunity to acknowledge outstanding seniors at their commencement. The students selected to be marshals were nominated by faculty, administrators and staff for their outstanding accomplishments and contributions to the University of Maryland. We are proud to recognize these truly remarkable students.

Priti Aggarwal
 Faiz Ahmad
 Michael Arenas
 Adam Berlickij
 Scott Blackwell
 Megan Bloom
 Shara Boonshaft
 Carrie Boyle
 Patrick Burke
 Christine De Bow
 Michelle Deville
 Bobbie Dickerson
 Keith Dominick
 Lisa Evans
 Dennis Garcia
 James Green, Jr.
 Debra Herbenick
 Andy Izquierdo
 Amanda LaGoy

Lauren Mallon
 Julia Matute
 Monica Newell
 Michael Nurse
 Vimesh Patel
 Michael Paul
 Nicole Pope
 Nooreen Rizvi
 Amy Schlom
 Deborah Skelly
 Joseph Solomon
 Curtis Taylor
 Tina Tootle
 Jason Turchin
 Ijeoma Ugbor
 Gabriella Uza
 Kristy Wright
 Engrid Wu



Officials

Board of Regents

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Benjamin L. Brown, *Vice Chair*
Margaret Alton, *Secretary*
Nathan Chapman, *Treasurer*
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Henry A. Virts, *ex officio*
Mary Arabian
Richard O. Berndt
Earle Palmer Brown
Charles W. Cole, Jr.
Edwin S. Crawford
Thomas B. Finan, Jr.
Michael C. Gelman
Louise Michaux Gonzales
Wendell M. Holloway
Harry R. Hughes
Lillian Hobson Lincoln
Susan E. Woda, *Student Regent*

University System Administration

Donald N. Langenberg, *Chancellor*
George L. Marx, *Vice Chancellor for Academic Affairs*
Joseph F. Vivona, *Vice Chancellor for Administration and Finance*
John K. Martin, *Vice Chancellor for Advancement*

University of Maryland Administration

C. D. Mote, Jr., *President*
Gregory L. Geoffroy, *Senior Vice President for Academic Affairs and Provost*
Charles F. Sturtz, *Vice President for Administrative Affairs*
William L. Thomas, Jr., *Vice President for Student Affairs*
Reid W. Crawford, *Vice President for University Advancement*

Academic Deans

Thomas A. Fretz, *College of Agriculture and Natural Resources*
Steven W. Hurr, *School of Architecture*
James F. Harris, *College of Arts and Humanities*
Irwin Goldstem, *College of Behavioral and Social Sciences*
Howard Frank, *Robert H. Smith School of Business*
John Osborn (Interim), *College of Computer, Mathematical and Physical Sciences*
Thomas D. Weible (Acting), *College of Education*
William W. Destler, *A. James Clark School of Engineering*
John J. Burt, *College of Health and Human Performance*
Reese Cleghorn, *College of Journalism*
Ann E. Prentice, *College of Library and Information Services*
Paul H. Mazzocchi, *College of Life Sciences*
Susan Schwab, *School of Public Affairs*

Administrative Deans

Charles F. Wellford (Interim), *Associate Provost for Research and
Dean of the Graduate School*
Robert L. Hampton, *Associate Provost and Dean for Undergraduate Studies*
Judith K. Broida, *Associate Provost and Dean, Office of Continuing and
Extended Education*
Charles B. Lowry, *Dean of Libraries*

Commencement Committee

Suzanne Baer, *Scheduling Office*
 J. Frank Brewer, *Physical Plant*
 Kathy Broady, *Stamp Student Union*
 Dianne Burch, *University Publications*
 Adam Carter, *Shuttle UM*
 Gene Corcoran, *Health Center*
 Jessica Davies, *Special Events*
 Lori King, *Records & Registration*
 Nancy Loomis, *Catering*
 Melissa Marvel, *University Book Center*
 Gary Parker, *Intercollegiate Athletics*
 Pat Perfetto, *Conference & Visitor Services*
 Alan Sactor, *Environmental Safety*
 Bill Scales, *Disability Support Service*
 Charles Stubbs, *Physical Plant*
 Bob Stumpf, *Physical Plant*
 Janice Summons, *Campus Parking*
 Dan Symonds, *Diploma Office*
 Harry Teabout, *Physical Plant*
 Lt. Larry Volz, *Police Department*
 Pat Wadsworth, *Catering*

Officers of Commencement*University Marshal*

Ralph D. Bennett, Jr.
 School of Architecture

Faculty Marshal

Alfred C. Boyd
 Chemistry and Biochemistry

Student Marshal

James L. Reveal
 Botany

Music

John E. Wakefield
 Director of Bands

Unit Representatives

Javaune Adams-Gaston, *Undergraduate Studies*
 Craig Arnold, *Arts & Humanities*
 Diane Barlow, *Library & Information Services*
 Charles Beatty, *Education*
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