Winter (ommencement

DECEMBER 18 & 19, 2010 UNIVERSITY OF MARYLAND



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December

College of Agriculture



Winter Commencement

DECEMBER 18 & 19, 2010 / UNIVERSITY OF MARYLAND

The December 2010 class roster comprises degree candidates from the graduate and undergraduate programs at the University of Maryland. College Park. As final action cannot always be taken for candidates by the time this program is printed, the list of candidates here is tentative. The university reserves the right to withdraw or add names. Diplomas (for other than doctoral degrees) will be mailed by the Office of the Registrar.

# Congratulations



CONGRATULATIONS ON your graduation from the University of Maryland! This is a milestone that should bring great pride to you, your family and friends. I am certain that your time at the university has been filled with new ideas, friendships and opportunities. I hope that you have explored new areas and discovered new talents. The world is waiting for you to share them.

As you move in new directions beyond the campus, I hope that you will remember the intellectual curiosity and drive that inspired your time here. Graduating does not mean that learning has come to an end. Instead it means that you are now equipped to take charge of your own learning. This is a privilege and a profound responsibility. Society's advancement will depend upon your knowledge and your leadership. I am confident that you have stretched your capacities in order to meet these challenges.

As you leave us, you should take with you the pride we all feel in your accomplishments as scholars, artists, athletes and leaders. You have enriched our university's life and have helped it climb to a new level of distinction. We welcome you into the alumni family, a truly special group.

I hope that you stay connected to the university and take full advantage of being an alum. Stay involved and help new generations of students develop their futures. You can do this by returning to campus often, starting with Maryland Day 2011, on April 30.

You have my very best wishes for all your future plans. Make your mark. And stay in touch. Go Terps!

Sincerely,

Willin D LA

Wallace Loh President



On behalf of the University of Maryland Alumni Association, I am delighted to extend sincere congratulations to you upon attaining this academic milestone.

Today, when you reach for your diploma, you will receive a torch—the legacy of excellence that Maryland alumni have carried for more than 150 years. Hold it high, displaying your Terrapin pride for all to see.

It is my hope that in the years to come you will shine your light on your alma mater by sharing your newfound expertise and ideas. In turn, Maryland will continue to educate the country's brightest students, pursue cutting-edge research, explore the arts and defend our athletic titles—we will make you proud to be a Terp.

Along with this commitment, the alumni association is pleased to give you a complimentary one-year association membership as a graduation gift.

Alumni association membership provides instant access to:

- social and professional networking events at the Samuel Riggs IV Alumni Center, your new home address at the university
- health insurance and financial services—tangible benefits designed to ease your transition into life after college
- the Online Alumni Network, a social and career network exclusive to Maryland grads on the Web

*Terp* magazine, connecting alumni with the university

Most importantly, it demonstrates your dedication to Maryland and future Terps following in your footsteps.

Best of luck to you and thank you for displaying your Maryland spirit as you take your place in our alumni family. Although you may no longer be a student, the traditions live on—you're a Terp for life.

Sincerely,

1) ----

Danita D. Nias '81 Assistant Vice President, Alumni Relations and Development

# Order of Commencement

# DECEMBER 18, 2010 7:00 P.M. / COMCAST CENTER

**PRESIDING** Dr. Wallace D. Loh *President* 

MASTER OF CEREMONIES Mr. James N. Newton

**PROCESSIONAL** University of Maryland Wind Ensemble Dr. L. Richmond Sparks, *Conductor* 

MOMENT OF REFLECTION Rabbi Eli Backman Director, Chabad Jewish Student Center

THE NATIONAL ANTHEM Professor Linda Mabbs, Soprano

**GREETINGS** Dr. William E. Kirwan *Chancellor University System of Maryland* 

Dr. Patricia S. Florestano Board of Regents University System of Maryland **ALL-STUDENT GIFT PRESENTATION** Ms. Akhila Iruku *Senior Council Co-chair* 

**REMARKS TO THE GRADUATES** Mr. Robert W. Puckett II *Graduating Senior* 

**MUSICAL SELECTION** "Festive Overture, Opus 96" By Dmitri Shostakovich

**INTRODUCTION OF SPEAKER** Ms. Emily Ann Burke *Chair, Commencement Speaker Selection Committee* 

ADDRESS Mr. Craig A. Thompson, Esq. 92" Partner, Venable LLP

UNIVERSITY OF MARYLAND ALUMNI ASSOCIATION INDUCTION Dr. Steven M. Rotter '82 President, Maryland Alumni Association Board of Governors MESSAGE TO THE GRADUATES Dr. Loh

PRESENTATION OF COLLEGES AND SCHOOLS Deans

**CONFERRING OF DEGREES** Dr. Loh

ALMA MATER Professor Mabbs

**RECESSIONAL** University of Maryland Wind Ensemble



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### 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.

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FLOOR SEATING ARRANGEMENT FOR COMCAST CENTER STAGE SENIOR MARSHALS FACULTY FACULTY A. JAMES CLARK SCHOOL OF ENGINEERING ARCHITECTURE, PLANNING, & PRESERVATION **AGRICULTURE & NATURAL RESOURCES ARTS & HUMANITIES** FOUCATION **BEHAVIORAL & SOCIAL SCIENCES** PHILIP MERRILL COLLEGE OF JOURNALISM COMPUTER, MATHEMATICAL & NATURAL SCIENCES PUBLIC HEALTH INFORMATION STUDIES PUBLIC POLICY INDIVIDUAL STUDIES ROBERT H. SMITH SCHOOL OF BUSINESS



### THE WINTER GRADUATES

AUGUST GRADUATES	
Bachelor's	548
Master's	434
Doctoral	161
TOTAL	1,143
CANDIDATES FOR DECEMBER D	
Bachelor's	1,591
Master's	805
Doctoral	330
TOTAL	2,726
MOST POPULAR BACHELOR DEC	GREES
Criminal Justice & Criminology	463
Economics	370
Psychology	318
Accounting	301
Government and Politics	288
MOST POPULAR MASTER'S PRO	GRAMS
Business and Management	524
Education-Curriculum and Instructi	ion 200
Library-Information Science	118
Engineering	83
Information Management	71
MOST POPULAR DOCTORAL-RE	SEARCH
SCHOLAR AND DOCTORAL-	
	GRAMS
PROFESSIONAL PRACTICE PRO	
PROFESSIONAL PRACTICE PRO Education Policy	20
PROFESSIONAL PRACTICE PRO Education Policy Economics	
PROFESSIONAL PRACTICE PRO Education Policy Economics Business and Management	20 18 17
PROFESSIONAL PRACTICE PRO Education Policy Economics Business and Management History	20 18 17 15
PROFESSIONAL PRACTICE PRO Education Policy Economics Business and Management History American Studies	20 18 17
PROFESSIONAL PRACTICE PROF Education Policy Economics Business and Management History American Studies Education-Counseling	20 18 17 15 14
PROFESSIONAL PRACTICE PRO Education Policy Economics Business and Management History American Studies	20 18 17 15 14

**Source:** Office of Institutional Research, Planning and Assessment; as of Nov. 10, 2010



DEPARTMENT COLORS 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 Physical Education: Sage Green Philanthropy: Rose Philosophy: Dark Blue Public Administration, Foreign Service: Peacock Blue Public Health: Salmon Science: Golden Yellow Social Work: Citron Theology and Divinity: Scarlet Veterinary Sciences: Gray

### 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 also 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 skullcap 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 the American Intercollegiate Commission standardized them 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.

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.

### SENIOR MARSHALS

Elected through a nomination process, student marshals are senior leaders who play an important role in the graduation ceremony. Senior marshals assist in organizing the thousands of graduates, leading them smoothly through the commencement procession. They also supply extra caps and hoods, as well as bobby pins to keep headwear secure. Winter 2010 marshals are listed on page 47 of this booklet.

### ALL-STUDENT GIFT

In recognition of the philanthropic spirit of Maryland students, the former Senior Class Gift effort has evolved to an All-Student Giving effort at the university. Traditionally, class gifts have included items such as the bronze Testudo now sitting in front of McKeldin Library (Class of '33), sundial on McKeldin Mall (Class of '65) or the Henson Garden outside of the Stamp Student Union (Classes of '94 and '99). The initiative encourages Terps to financially support the causes they believe in most—from the university's community outreach and partnerships to student groups conducting discovery and research to solve tomorrow's complex global issues.

If you would like to be a part of this tradition of philanthropy, visit *www.mdexcellence.umd.edu* or call 301.315.7749 for more information.

### ACADEMIC DEGREES

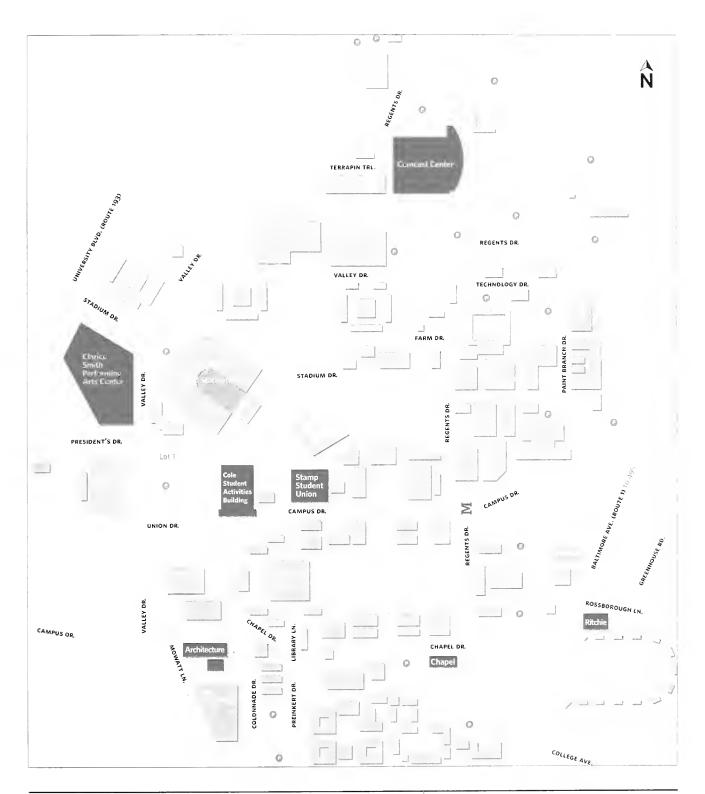
A degree is awarded for the successful completion of a course of study. The University of Maryland offers 99 bachelor's degrees, 108 master's degrees and 83 doctoral degrees.



## INDIVIDUAL COLLEGE AND SCHOOL CEREMONIES

ALL CEREMONIES ON DECEMBER 19, 2010 / LISTED ALPHABETICALLY

SCHOOL OR COLLEGE	TIME	LOCATION
AGRICULTURE AND NATURAL RESOURCES, COLLEGE OF	4:00 p.m.	Memorial Chapel
ARCHITECTURE, PLANNING, AND PRESERVATION, SCHOOL OF	1:00 p.m.	Lecture Hall 0204, Architecture Building
ARTS AND HUMANITIES, COLLEGE OF American Studies, Department of English, Department of Comparative Literature, Department of Women's Studies, Department of	4:00 p.m.	Dekelboum Concert Hall, Clarice Smith Performing Arts Center
Art History and Studio Art, Departments of	1:00 p.m.	Colony Ballroom, Stamp Student Union
Communication, Department of	1:00 p.m.	Memorial Chapel
History, Department of	4:00 p.m.	Colony Ballroom, Stamp Student Union
Languages, Literatures, and Cultures, School of Linguistics, Department of	4:00 p.m.	Grand Ballroom, Stamp Student Union
Music, School of	4:00 p.m.	Gildenhorn Recital Hall, Clarice Smith Performing Arts Center
Theatre, Dance, and Performance Studies, School of	2:00 p.m.	Kogod Theatre, Clarice Smith Performing Arts Center
BEHAVIORAL AND SOCIAL SCIENCES, COLLEGE OF	4:00 p.m.	Comcast Center
BUSINESS, ROBERT H. SMITH SCHOOL OF	1:00 p.m.	Comcast Center
COMPUTER, MATHEMATICAL AND NATURAL SCIENCES, COLLEGE OF Chemical and life sciences	4:00 p.m.	Ritchie Coliseum
Computer, mathematical and physical sciences	1:00 p.m.	Dekelboum Concert Hall, Clarice Smith Performing Arts Center
EDUCATION, COLLEGE OF	1:00 p.m.	Cole Student Activities Building
ENGINEERING, A. JAMES CLARK SCHOOL OF	4:00 p.m.	Cole Student Activities Building
INFORMATION STUDIES, COLLEGE OF	1:00 p.m.	Gildenhorn Recital Hall, Clarice Smith Performing Arts Center
JOURNALISM, PHILIP MERRILL COLLEGE OF	1:00 p.m.	Grand Ballroom, Stamp Student Union
PUBLIC HEALTH, SCHOOL OF	1:00 p.m.	Ritchie Coliseum



## INDIVIDUAL COLLEGE AND SCHOOL CEREMONY LOCATIONS

# Speaker Biographies

## ROBERT W. PUCKETT II / STUDENT SPEAKER



When Robert Puckett's dad died of a heart attack at age 44, some of those close to him assumed that Puckett would withdraw from his studies at Anne Arundel Community College to run his father's concrete company.

Puckett instead made the wrenching decision to sell it and continue to pursue a criminology and criminal justice degree at Maryland. He believed an education would do more to help his family—and himself—in the long run.

Puckett's mother stood behind him, selling off land and vehicles to help him with tuition. He credits her efforts as a major reason for his success at Maryland. In March, Puckett will enroll in the Anne Arundel County Police Academy, hoping to eventually work for the Drug Enforcement Agency.

He'll continue living at home while at the academy so he can help his mom pay for his sister's college tuition beginning next fall, honoring his dad's directive that he take care of them.

While at Maryland, Puckett also interned with the Anne Arundel County Police Department to prepare for a career fighting crime, something that touched his life in a painful way. While Puckett was in community college, a friend who was home on leave from the war in Iraq was killed during an altercation with someone under the influence of drugs and alcohol.

"I saw how that tragedy tore his family apart, and I feel like it's my duty," he says.

Christopher Andrews, a lecturer in the Department of Sociology, notes that Puckett never mentioned his difficult circumstances, which makes his overall 3.95 GPA even more impressive.

Puckett says he met people at the university who put his family's challenges into perspective. "The diversity on campus opened my eyes to a lot of things. I've met quite a few people that went through hardships as well," he says, such as friends whose families immigrated to America so that their children could benefit from a better education. Through courses and long conversations, he was reminded of advice his father had given him.

"He once told me, 'Robert, life's not about material possessions or how much money someone makes. Rather, what's important is gaining the knowledge to improve your life and the lives of others.'"

## CRAIG A. THOMPSON, ESQ. / COMMENCEMENT SPEAKER



A native of Baltimore, Craig Thompson '92 is a partner in one of the country's top law firms, an author and an active community servant.

Thompson, who is also on the University of Maryland College Park Foundation's board of trustees, has received a number of awards and citations reflecting his accomplishments, including WNUV Channel 54's "Proud and Positive" award. Former Baltimore Mayor Kurt L. Schmoke designated May 23, 1992 as "Craig Anthony Thompson Day" in the city. He was featured twice in the *Baltimore Business Journal* as one of 40 emerging leaders under the age of 40 in the state. Last year, *The Daily Record* named him one of the 60 "Most Influential People in the State of Maryland."

He is a partner with Venable LLP, one of *The American Lawyer* magazine's top 100 law firms in the country, and the largest law firm in Maryland. Thompson is also chair of the firm's diversity committee.

As host of the weekly talk radio show "The Front Page" for 15 years, Thompson was recognized by the Association of Black Media Workers as the Best Public Affairs Host (radio) in the region. For six years, he also hosted a weekly television talk show, "Profiles with Craig Thompson," on UPN Channel 24. Thompson, who loves reading and remembers Dr. Seuss' "Horton Hatches the Egg" as one of the first books he read as a child, has published his own works for children: "The ABCs of Black History: A Children's Guide," in January 2005, which is in its third printing, and "The ABCs of Black Inventors," published last year.

His writing has appeared in two other publications, the anthology "Atonement: The Million Man March," and in "Tough Love: The Life and Death of Tupac Shakur."

Thompson's contributions to the community are numerous. He serves on the board of the National Great Blacks in Wax Museum in Baltimore and the SEED School of Maryland, the state's only public boarding school. He works closely with Baltimore City Public Schools. He has also conducted educational seminars around the country.

Craig and his wife, Deborah, have two daughters, Delaney and Dana, and a son, Carter.

# Maryland's Momentum

Nurturing the entrepreneurial spirit in students and faculty. Forging powerful federal partnerships to address world concerns. Creating artistic experiences to enrich the community. Members of the university community do this and more. Fear the Turtle!

Maryland continues to strengthen its reputation as one of the top public research institutions in the nation. It boasted 24 programs in U.S. News & World Report's top 10 rankings in 2010. Kiplinger's Personal Finance magazine ranked the university No. 8 among best values in public colleges. And The Wall Street Journal put Maryland as No. 8 on its list of top schools where employers like to recruit.

### Maryland netted a record **\$545 million in external research grants in fiscal 2010**, up \$27 million from the previous year. It included \$10 million from the National Science Foundation for faculty to develop software for airplane safety and cancer research; \$5.1 million from the U.S. Department of Agriculture for research on new irrigation systems to help farmers conserve water; and \$1.8 million from the American Cancer Society to raise prostate cancer awareness among local African-American men.

More than 7,000, people, including 1,500 teachers, took courses this year in Chinese, Arabic, Japanese and Persian at the **National Foreign Language Center**, housed in the College of Arts and Humanities. The center's new frontier: producing Web-based courses in map reading, critical thinking and signals analysis. The federal government provided the center's Startalk program with \$15 million in funding in 2010 to support these initiatives.

A new partnership between the university and the National Cancer Institute is sending graduate students in physics and math to train alongside the nation's top cell biologists and develop new tools in the fight against the disease.

In another new partnership, with the National Institute of Standards and Technology, the university has begun construction on a **\$128 million, world-class Physical Sciences Complex**. It will house the university's physics and astronomy departments, as well as the interdisciplinary Institute for Physical Sciences and Technology and the Joint Quantum Institute.

The university this month launched the **Maryland Cybersecurity Center** to confront increasing threats from cyberattacks. It will use a holistic approach to cybersecurity education, research and technology and will have commercial, national security and health care IT applications, as well as uses in the utility, telecommunications and banking sectors.

Great Expectations, The Campaign for Maryland is aiming to hit the \$800 million milestone by the end of 2010. A priority of the \$1 billion campaign is to raise more than \$250 million for scholarships.

### **OUR HISTORY & OUR FUTURE**

From its pre-Civil War roots as the state's first agricultural college and one of America's original land-grant institutions, the University of Maryland has emerged as a public research university of national stature, highly regarded for its broad base of excellence in teaching and research.

Founded in 1856 by a group of planters, the former Maryland Agricultural College required students to spend an hour a day hoeing or plowing on the college farm and to take 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. The legislature in 1988 combined its institutions of higher education to form the University System of Maryland, and the growing College Park campus was named its flagship.

Today, Maryland takes full advantage of the unique resources of the nation's capital, attracting top students and faculty, enriching the economic, social and cultural life of the state and engaging the global community to address some of the most critical issues of our day. Within the university's 12 schools and colleges, our academic community is addressing today's most pressing scientific and societal challenges, such as climate change, the economy, energy, homeland security and public health.





Our student body of 27,000 undergraduate students and 10,000 graduate students comes to study with a faculty that ranks among the finest in the nation, with three Nobel laureates, five Pulitzer Prize winners and scores of Fulbright scholars.

The quality of our students and the support of our alumni continue to grow. We received more than 28,000 applications for 4,000 first-year seats in Fall 2010. Accepted students who complete their academic journey join a rapidly increasing family of alumni who are proud to be called Terps. The University of Maryland Alumni Association has grown to more than 35,000 dues-paying members since its inception in 1989.

As a gateway to the world, the university has established more than 250 educational, research and economic relationships with people and institutions in countries such as China, India, Brazil, Israel and the United Arab Emirates. The Maryland Technology Enterprise Institute, or Mtech; the University of Maryland Small Business Development Network; and the Dingman Center for Entrepreneurship nurture a culture of thriving entrepreneurship at the university. They are leading efforts to educate and assist business start-ups, create technology ventures and connect Maryland companies with university resources to help them succeed.

Through its Office of Technology Commercialization, the university has secured more than 360 U.S. patents, licensed more than 515 technologies and helped to create more than 59 high-tech start-up companies. Among them are award-winning firms that create alternative energy solutions, national security tools, and data systems to protect against Internet viruses. Companies served by Mtech sold more than \$22.5 billion in goods and services over the last 25 years, more than 200 times the state's financial support.

Maryland is part of the prestigious 63-member Association of American Universities and the only public institution in the Maryland-D.C. area with membership in the nation's most distinguished honor society, Phi Beta Kappa.

### THE ALUMNI ASSOCIATION

With alumni clubs from Miami to Taipei, Taiwan, the alumni association strives to maintain and 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 *Terp* magazine help keep alumni connected to the university and each other. All graduating seniors and successful master's and doctoral candidates receive a one-year free membership in the Maryland Alumni Association.

### THE ALUMNI HALL OF FAME

The Alumni Association's Hall of Fame honors university graduates who have brought honor to their alma mater through distinguished careers in a variety of disciplines.

The Hall of Fame induction ceremony takes place once every five years, with the last group of honorees being inducted in June 2010.

The following 60 individuals have shown the world what it means to be a Terp.



### Carmen Balthrop '71 World-class soprano Charles L. Bennett '78 Prominent astrophysicist Gail Berman '78 Entertainment powerhouse Adisai Bodharamik '70 Ph.D. Telecommunications trailblazer Lester R. Brown M.S. '59, '76 Honorary Doctorate International environmentalist Waldo Burnside '49 Retail king Harry Clifton "Curley" Byrd '08 Legendary University of Maryland president Robert F. Chandler '34 Ph.D. A founding father of the Green Revolution Connie Chung '69 Prominent broadcast journalist A. James Clark '50 Construction magnate, benefactor William P. Cole '10 U.S. congressman Mary Stallings Coleman '35

First female Michigan

Supreme Court chief justice

George B. Dantzig '36, '76 Honorary Doctorate

(awarded posthumously) Father of linear programming Larry David '69, '70 "Seinfeld" creator Raymond Davis '37, '40 M.S. Nobel laureate (physics) Ruth Davis '52 M.A., '55 Ph.D. Respected scientist Mylo S. Downey '27, '40 M.S. (awarded posthumously) Global agricultural leader Leonard Elmore '78 All-star basketball player and scholar Geary Francis "Swede" Eppley '20, '26 M.S. Administrator, coach and soldier Norman "Boomer" Esiason '84 Football hero, CBS analyst John Faber '26, '28 M.S., '37 Ph.D. Legendary coach and distinguished professor Charles L. Fefferman '66 Mathematician, professor, winner of Field's Medal Carly Fiorina '80 M.B.A. Trailblazing executive

### Robert E. Fischell '53 M.5., '96 Honorary Doctorate

Medical technology pioneer Jon Franklin '70 Pulitzer Prize-winning iournalist Herbert A. Hauptman 'S5 Ph.D. Nobel laureate (chemistry) Jim Henson '60 Muppets creator Steny H. Hoyer '63 Majority leader, U.S. House of Representatives Harry R. Hughes '49 Maryland governor Carlisle H. Humelsine '37 Preservationist and statesman Hugh Newell Jacobsen '51, '93 Honorary Doctorate World-renowned architect Jeong H. Kim Ph.D. '91 High-tech communications entrepreneur Albin O. Kuhn '38, '39 M.S., '48 Ph.D. Builder of Maryland's Baltimore campuses George J. Laurer 'S1 Inventor of the Universal Product Code Wilbur Monroe "Munro" Leaf '27 "Ferdinand the Bull" author

5amuel J. LeFrak '40 Urban planning leader Liz Lerman '70 American choreographer Kathleen Magee '72 M.A. Nurse and philanthropist Manning Marable '76 Ph.D. Authority on African American history Russell Marker '23 Pioneering chemist Tobin Marks '66 World-renowned chemist Charles Thomas "Tom" McMillen '74 Gifted scholar, athlete and public servant Thomas V. "Mike" Miller '64 Long-standing president of the Maryland Senate Parren J. Mitchell '52 Maryland's first African American student, U.S. congressman Renaldo Nehemiah 'B1 Track and field world record holder Tom Norris '67 Congressional Medal of Honor recipient Michael Olmert '80 Ph.D. Emmy Award-winning writer

Robert M. Parker Jr. '70 The Wine Advocate Jane Cahill Pfeiffer 'S4 First woman chairman of the board at NBC Judith A. Resnik '77 Challenger astronaut Bernice Resnick 5andler '69 Godmother of Title IX Chun-Shan Shen '61 Ph.D. President of Taiwan's Tsing-Hua University William Woolford 5kinner 1895 Research chemist Robert H. Smith '50 Developer of Crystal City Adele Hagner Stamp '24 M.A. Maryland's first dean of women Reginald Van Trump Truitt '14 Naturalist and Chesapeake Bay advocate Millard E. Tydings '10 U.S. senator **Evelyn Pasteur Valentine '67** M.5., '86 Ed.D. Educator and entrepreneur Gary Williams '68 Championship-winning coach Morgan Wootten '56 Basketball Hall of Fame

member

# Doctoral Degrees

The doctoral degree is 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, doctor of pharmacy and doctor of veterinary medicine. 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 on March 9, 1841.

## AUGUST 2010 GRADUATES

### DOCTOR OF AUDIOLOGY

Dissertation not required

### Anne R. Ferruggiaro

### Kara C. Schvartz Effects of Aging on Voice-Pitch Processing: The Role of Spectral and Temporal Cues

### DOCTOR OF MUSICAL ARTS

### Christina L. Bayes

Twentieth-Century Works for Flute and Piano and Unaccompanied Flute Most Frequently Selected to be Performed on the Final Round of the National Flute Association's Young Artist Competitions from 1984 through 2004

Eunae Han The Innovative French Chamber Music Composers

### Robert L. Jefferson

Spirituals and Gospel Music Performance Practice: A Dual Curriculum that Bridges the Cultural Divide

Adam C. Mahonske Recording Project Focused on Schubert

Sarah E. Mclver Flutist/Composers: Performances of 150 Years of Their Selected Published Flute Music

### DOCTOR OF PHILOSOPHY

Mohamed F. Abdelkader Electrical Engineering Activity Representation from Video Using Statistical Models on Shape Manifolds

Ana L. Abras Economics Stable Firms and Unstable Wages

### Patricia Acerbi History

*Slave Legacies, Ambivalent Modernity: Street Commerce and the Transition to Free Labor in Rio de Janeiro, 1850–1925* 

Christopher Ackermann Computer Science Behavioral Reflexion Models for Software Architecture

Aysun Alp Business and Management Essays on Forces Underlying 2008 Financial Crisis: Credit-Rating Agencies and Investor Sentiment

Ndidiamaka N. Amutah Maternal and Child Health Neighborhood Level Disadvantage, Race/Ethnicity and Infant Mortality in Washington, D.C.

Keiko Arai English Language and Literature American Girls: Nation and Gender in James, Wharton and Cather

Nathaniel E. Ayewah Computer Science Static Analysis in Practice

Ryan N. Banerjee Economics Essays on Optimal Aid and Fiscal Policy in Developing Economies Bianca E. Bersani Criminology and Criminal Justice Are Immigrants Crime Prone? A Multifaceted Investigation of the Relationship Between Immigration and Crime in Two Eras

Mustafa Bilgic Computer Science Cost-Sensitive Information Acquisition in Structured Domains

Peter J. Blank Marine, Estuarine and Environmental Sciences Bird Community Response to Conservation Reserve Program Habitat in Maryland

Diana Z. Boros Government and Politics Creative Rebellion for the Twenty-First Century: The Reinvigoration of American Political Life Through Public Art

Alan D. Boss Business and Management Entrepreneurial Self-Efficacy and the Success of Subsequent Venture Startup After Failure

Barbara-Anne Boswell Women's Studies Black South African Women Writers: Narrating the Self, Narrating the Nation

Martha K. Carr Communication Rhetorical Contingency and Affirmative Action: The Paths to Diversity in Regents of the University of California v. Bakke

Jennifer A. Carson Criminology and Criminal Justice The Criminal Conduct of Radical Environmental and Animal Rights Groups: A Rational Choice Perspective The University of Maryland conveys the doctor of veterinary medicine to approximately 90 students each year in a program that was instituted in 1980. Graduates receive a diploma containing the seals of both the University of Maryland and its partner institution, Virginia Tech.

The second type is the research doctorate representing prolonged periods of advanced study. A dissertation that 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. The University of Maryland awarded a Ph.D. for the first time in 1920.

**Douglas E. Chelson** Civil Engineering The Effects of Building Information Modeling on Construction Site Productivity

Lichun Chen Civil Engineering Optimization Models and Methodologies to Support Emergency Preparedness and Post-Disaster Responses

#### Minkyoung Cho Computer Science

Approximation Algorithms for Point Pattern Matching and Searching

Edward G. Clifford Mathematics Combinatorics of K-Theoretic Jeu De Taquin

Michelle D. Corbin Sociology Spirituality in the Laboratory: Negotiating the Politics of Knowledge in the Psychedelic Sciences

Leah K. Cox Counseling and Personnel Services Interactional Diversity and the Role of a Supportive Racial Climate

### Tanay M. Desai Biochemistry

Thermodynamic Properties of the Unfolded Ensemble of Proteins

### Jaime R. DeLuca Kinesiology

Exercising Social Class Privilege: Examining the Practices and Processes Defining Upper-Middle Swimming Club Culture

Francis A. Digiacomo Education Policy Education Amidst Transition: The Case of Romania Stephanie Difietro Criminology and Criminal Justice Immigration Assimilation, Family Functioning and Delinquency: A Test of Mediating and Moderating Influences

Alana V. Doty Behavior, Ecology, Evolution and Systematics

Genetic and Molecular Analysis of Germline Sex Determination in Caenorhabditis Briggsae: A Model for the Convergent Evolution of Hermaphroditism

### Matthew B. Dowling Bioengineering

Blueprinting Self-Assembled Soft Matter: An Easy Approach to Advanced Material Synthesis in Drug Delivery and Wound Healing

Ian J. Drake History The Tort Revolution: Product Liability and the Rule of Courts

Juan Du Chemistry State-Resolved Quenching Dynamics in Collisions of Vibrationally Excited Molecules

Marianne G. Dunn Psychology Affective Pathways of Work-Family Enrichment Among Dual-Earner Couples

**Colleen L. Ellis** Physics Measurement of the Strange Quark Contribution to Nucleon Structure through Parity-Violating Electron Scattering

Susan Fahey Criminology and Criminal Justice State Instability and Terrorism Ryan Fehr Psychology On the (Un)Intended Consequences of Forgiveness: Creativity After Conflict

**Benjamin M. Fertig** Marine, Estuarine and Environmental Sciences Stable Nitrogen Isotopes ( $\mathcal{S}^{15}N$ ) in the Eastern Oyster (Crassostrea virginica) as an Indicator of Nitrogen

Source

Louise L. Fink Counseling and Personnel Services A Comparison of Grade Configuration on Urban Sixthto Eighth-Grade Student Outcomes in Regular and Special Education

Justin C. Flake Mathematics The Multiplicative Zak Transform, Dimension Reduction, and Wavelet Analysis of LIDAR Data

Leonardo L. Flores English Language and Literature Typing the Dancing Signifier: Jim Andrews' (Vis) Poetics

Seth M. Freedman Economics Empirical Essays on the Economics of Neonatal Intensive Care

**Sorelle A. Friedler** Computer Science Geometric Algorithms for Objects in Motion

Johnnie L. Garland Counseling and Personnel Services Removing the College Involvement "Research Asterisk:" Identifying and Rethinking Predictors of American Indian College Student Involvement Lisa M. Gill American Studies From Homeboy to American Icon: Image Transformation of Malcolm X, 1965-1999

Charles N. Glover II Applied Mathematics and Scientific Computation Computationally Tractable Stochastic Integer Programming Models for Air Traffic Flow Management

Cecilia I. Gonzalez Tokman Mathematics *Quantitative Aspects of the Stability of Some Dynamical Systems* 

Patrice B. Gregory Mechanical Engineering Comparison of Interconnect Failures of Electronic Components Mounted on FR-4 Boards with SN37PB and SN3.0AG0.5CU Solders Under Rapid Loading Conditions

Vesela D. Grozeva Economics Dynamic Competition with Customer Recognition and Switching Costs: Theory and Application

**Ruirui Gu** Electrical Engineering Modeling and Optimization Techniques for Efficient Implementation of Parallel Embedded Systems

Damon J. Gulczynski Applied Mathematics and Scientific Computation Integer Programming-Based Heuristics for Vehicle Routing Problems

Paula Halperin History Modernization and Visual Economy: Film, Photojournalism, and the Public Sphere in Brazil and Argentina, 1955-1980

Joshua M. Hamel Mechanical Engineering Sensitivity Analysis-Based Approaches for Mitigating the Effects of Reducible Interval Input Uncertainty on Single and Multi-Disciplinary Systems Using Multi-Objective Optimization

Daniel L. Hartley English Language and Literature Transnational Jazz and Blues: Aural Aesthetics and African Diasporic Fiction

Peter D. Hoefer History A David Against Goliath: The American Veterans Committee's Challenge to the American Legion in the 1950s

Michael A. Holloway Electrical Engineering Characterization and Modeling of High-Power Microwave Effects in CMOS Microelectronics

Timothy A. Hunter Linguistics Relating Movement and Adjunction in Syntax and Semantics Zuzana Jelokova Government and Politics In Search of a Useable Past: Politics of History in the Post-Communist Czech Republic and Slovakia from a Comparative Historical Perspective

Sirkwoo Jin Business and Management How Does Creativity Occur in Teams? An Empirical Test

Steven R. Jones Curriculum and Instruction Applying Mathematics to Physics and Engineering: Symbolic Forms of the Integral

Johannes Jurka Linguistics The Importance of Being a Complement: CED Effects Revisited

Kerem O. Kalkan Government and Politics Prejudice Toward Muslim Americans and American Public Opinion

Alexey V. Karavaev Physics Waves in Plasmas Generated by a Rotating Magnetic Field and Implications to Radiation Belts

Peyman Karimian Mechanical Engineering Separating Product Family Design Optimization Problems

Akito Y. Kawahara Entomology Phylogenomics, Life-History Evolution and Taxonomy of Leaf-Mining Moths (Lepidoptera: Gracillarioidea)

David P. Keller Marine, Estuarine and Environmental Sciences Carbon and Nitrogen Sources and Cycling in Planktonic Marine Ecosystems

Aniruddha A. Kembhavi Electrical Engineering Recognizing Objects and Reasoning About Their Interactions

Sarah M. Kendig Sociology Pathways to Early Pregnancy by Race/Ethnic and Class Locations: Adolescent Girls' Self-Concepts and Ambivalence Toward Pregnancy

Michael T. Khbeis Electrical Engineering Development of a Simplified Mass-Producible Hybridized, Ambient, Low-Frequency, Low-Intensity Vibration Energy Scavenger (Half-Lives)

Kyobum Kim Chemical Engineering Scaffold Design Parameters to Stimulate the Osteogenice Signal Expressions for Bone-Tissue Engineering Applications Yeon S. Kim Economics

Health, Agriculture and Labor Markets in Developing Countries

Zaeill Kim Physics Dissipative and Dispersive Measurements of a Cooper Pair Box

Kristina H. Knubel Animal Science Identification of a Non-Classical Glucocorticoid-Responsive Element in the 5'-Flanking Region of the Chicken Growth Hormone Gene

Jacob I. Kobrick History "Let the People Have A Victory": The Politics of Transportation in Philadelphia, 1946-1984

Kunal B. Kothari Aerospace Engineering Manufacturing Techniques for Titanium Aluminide-Based Alloys and Metal Matrix Composites

Rebecca A. Krefting American Studies "Working the Crowd": Enacting Cultural Citizenship Through Charged Humor

Dae I. Kwon Mechanical Engineering Detection of Interconnect Failure Precursors Using RF Impedance Analysis

Yen-Jung Lai Environmental Science and Technology Kinetics of Tetrachloroethene-Respiring Dehalobacter and Dehalococcoides Strains and Their Effects on Competition for Growth Substrates

Matty Lau Curriculum and Instruction Understanding the Dynamics of Teacher Attention: Case Studies of How High School Physics and Physical Science Teachers Attend to Student Ideas

Kwee-Len Lee Comparative Literature Virginia Woolf in China and Taiwan: Reception and Influence

Seung-Jae Lee Atmospheric and Oceanic Science Impact of Land Surface Vegetation Change over the La Plata Basin on the Regional Climatic Environment: A Study Using Conventional Land-Cover/Land-Use and Newly Developed Ecosystem Functional Types

Jinxi Li Chemistry Structural Studies of the Peanut Allergen Protein ARA H2

Minwen Li Business and Management Selection of Star CEOs and Its Implications on Firm Performance and CEO Compensation Ziliang Li Mathematical Statistics Minimum Disparity Estimator in Continuous Time Stochastic Volatility Model

Dan Liao Survey Methodology Collinearity Diagnostics for Complex Survey Data

Gabriel-Mihai Lipsa Electrical Engineering Distributed Estimation Over Networks with Communication Costs

Weiwei Liu Criminology and Criminal Justice Turning Points in Late Adolescence: A Study of High School Graduation and Adult Offending in a Life-Course Framework

**Natalia M. Lorinkova** Business and Management The Effects of Leadership and Leader Reputation on Team Performance

Todd R. Lowery Government and Politics In Trepidis Rebus: *The Constitutional Basis of the Executive War Power* 

Meryl B. Lubran Food Science Factors Influencing Maryland Farmers' On-Farm Processing License Application Behavior

Liliana Maggioni Human Development Studying Epistemic Cognition in the History Classroom: Cases of Teaching and Learning to Think Historically

Tanakorn Makaew Business and Management Essays in International Finance

Liam Malloy Economics Loss Aversion and the Intergenerational Correlation of Income

Kevin J. McGann Counseling and Personnel Services Trainees' Use of Supervision for Work with Lesbian, Gay, and Bisexual Clients: A Qualitative Study

Stefan M. Mendez-Diez Applied Mathematics and Scientific Computation *K-Theoretic Aspects of String Theory-Dualities* 

Jeta Menkulasi Economics Essays in Macroeconomic Volatility and Monetary Economics

Joseph R. Miles Counseling and Personnel Services Providing Feedback to Group Co-Leaders to Improve Group Climate: An Intervention to Facilitate Similar Mental Models in Co-Leader Teams

John J. Miller Cell Biology and Molecular Genetics Biology and Evolution of Chromalveolate Protists Sebastian J. Miller Economics Three Essays in Political Economy

Kaushik Mitra Physics Ouantum Coherent Phenomena in Superconducting Oubits and Ultracold Atoms

Rahul Nair Civil Engineering Design and Analysis of Vehicle-Sharing Programs: A Systems Approach

Praveen Narayanan Mechanical Engineering Direct Numerical Simulation of Non-Premixed Flame Extinction Phenomena

**Nicole Nelson** Electrical Engineering Information Power Efficiency Tradeoffs in Mixed-Signal CMOS Circuits

Farhaana Nyamekye Curriculum and Instruction Embracing Mathematics Identity in an African-Centered School: Construction and Interaction of Racial and Mathematical Student Identities

Eunjou Oh Curriculum and Instruction Validating a Theory-Based Model of L2 Reading Comprehension: Relative Contributions of Content-Specific Schematic Knowledge and L2 Vocabulary Knowledge to Comprehending a Science Text

Eduardo A. Olaberria Economics The Macroeconomics of Rare Events

Leonardo D. Oliveira Biology Ecology and Demography of Golden-Headed Lion Tamarins (Leontopithecus chrysomelas) in Cabruca Agroforest, Bahia State, Brazil

Akira Omaki Linguistics Commitment and Flexibility in the Developing Parser

Nathan D. Orloff Physics Broadband In-Plane Relative Permitivity Characterization of Ruddlesden-Popper Sr(n+1)Ti(n)0(3n+1) Thin Films

Jeremy D. Page Counseling and Personnel Services Activism and Leadership Development: Examining the Relationship Between College Student Activism Involvement and Socially Responsible Leadership Capacity

Manon S. Parry American Studies Broadcasting Birth Control: Family Planning and Mass Media, 1914–1984

Vishal M. Patel Electrical Engineering Sparse and Redundant Representations for Inverse Problems and Recognition Catherine M. Philpott Astronomy Three-Body Capture of Jupiter's Irregular Satellites and Resonant History of the Galilean Satellites

Katie Place Communication A Oualitative Examination of Gender and Power in Public Relations

Roland Probst Aerospace Engineering Optimal Control of Objects on the Micro- and Nano- scale by Electrokinetic and Electromagnetic Manipulation: For Bio-Sample Preparation, Quantum Information Devices and Magnetic Drug Delivery

Vandhana Ramachandran Business and Management Understanding Consumers' Online Information Retrieval and Search Implications for Firm Strategies

Walter R. Ray-Dulany Mathematics Base Change for the Iwahori-Hecke Algebra of GL2

Heather E. Ridolfo Sociology Constructing a Disabled Identity: The Influence of Impairment, Social Factors and Reflected Appraisals

Daniel A. Rubin History Suitcase Diplomacy: The Role of Travel in Sino-American Relations, 1950–1968

Andrew T. Schiffmacher Animal Science Investigating the Roles of OCT4 And CDX2 in Directing Bovine Trophectoderm Lineage Development

William R. Schwartz Computer Science Looking at People Using Partial Least Squares

Karen E. Seymour Psychology Emotion Regulation Mediates the Relationship between ADHD and Depressive Symptoms in Youth

Danial Shahmirzadi Mechanical Engineering Experimental Characterization of Vascular Tissue Viscoelasticity with Emphasis on Elastin's Role

Ying Shi Reliability Engineering Applications and Refinements of the REPS Theory for Safety Critical Software

Sheetal Singh Business and Management Individual Level Predictors of Emotional Labor Strategies and Their Differential Outcomes Over Time: Role of Leader Behavior

Nitish Sinha Business and Management Essays on News and Asset Prices

Katarzyna Z. Skuratowicz Sociology From Many Identities to One Voice?: Arab-American Activism Forged from the Politics of Isolation David G. Smith Sociology Developing Pathways to Serving Together: Dual Military Couples' Life Course and Decision-Making

Sang C. Song Electrical Engineering Long-Term Information Preservation and Access

Patricia T. Spangler Psychology Dream Groups versus Interpersonal Groups: A Comparison of Two Approaches to Eating Disorder Prevention Among Sorority Women

Madhuri Subbiah Veterinary Medical Sciences Genetics of Avian Paramyxovirus Serotype 2

Pacharasut Sujarittanonta Economics Design of Discrete Auction

Tzu-Ching K. Tai Curriculum and Instruction The Effect of Violin, Keyboard, and Singing Instruction on the Spatial Ability and Music Aptitude of Young Children

**Ravi Tandon** Electrical Engineering Capacity Bounds for Multi-User Channels with Feedback Relaying and Cooperation

Li Tang Economics The Impact of Health Insurance on Cancer Prevention: Ex-Ante and Ex-Post Moral Hazards

Min Tang Mathematical Statistics Goodness of Fit Tests for Generalized Linear Mixed Models

Xiaowei Tang Curriculum and Instruction From Interaction to Interaction: Exploring Shared Resources Constructed Through and Mediating Classroom Science Learning Mohammadreza Tavakolinejad Mechanical Engineering

*Air Bubble Entrainment by Breaking Bow Waves Simulated by a 2D+T Technique* 

Judith C. Tydings American Studies Old Yankee Women: Life Histories and Cultural Significance

Marcos Vanella Mechanical Engineering A Fluid-Structure Interaction Strategy Applied to Low Reynolds Numbers Flapping Flight

Jonathan F. Walz Art History Performing the New Face of Modernism: Anti-Mimetic Portraiture and the American Avant-Garde, 1912-1927

Hsiu-Fei Wang Measurement, Statistics and Evaluation The Impact of Preliminary Model Selection on Latent Growth Model Parameter Estimates

**Pingfeng Wang** Mechanical Engineering Advanced Methodologies for Reliability-Based Design Optimization and Structural Health Prognostics

Yong Wang Mechanical Engineering Integrated Measurement Technique to Measure Curing Process-Dependent Mechanical and Thermal Properties of Polymeric Materials Using Fiber Bragg Grating Sensors

Yinying Wei Chemistry Architecture-Electronic Property Relations Across Molecular Semiconductor Interfaces

Xuan Weng Education Policy Bridging Cultures in a Third Space: A Phenomenological Study of Teaching Chinese in American Chinese Schools

Thomas J. White Psychology Effectiveness of a Brief Behavioral Smoking Cessation Intervention in a Residential Substance Use Treatment Center Ryan J. Woodland Marine, Estuarine and Environmental Sciences Investigating the Role of the Mid-Atlantic Inner Continental Shelf as a Marine Finfish Nursery

Margaret M. Wrobleski Public and Community Health The Challenge of Teen Nutrition: An Ecological View of Sociocognitive Influences on Urban, African-American Adolescent Diet Ouality

Dong Wu Economics Two Essays in Macroeconomics

Colin M. Wynne Chemistry Top-Down Analysis of Bacterial Proteins by High-Resolution Mass Spectrometry

Zhimin Xi Reliability Engineering A Generic Reliability Analysis and Design Framework with Random Parameter Field and Process Variables

Xiaodong Xia Food Science Pathogenic Escherichia Coli in Retail Meats

Inbal Yahav Business and Management A Data Analytical Framework for Improving Real-Time Decision Support Systems in Health Care

Yiming Zhai Electrical Engineering Low-Power Adaptive Circuits: An Adaptive Log Domain Filter and a Low-Power Temperature Insensitive Oscillator Applied in Smart Dust Radio

Xingshuo Zhao Urban and Regional Planning and Design Market Forces and Urban Spatial Structure: Evidence from Beijing, China

Lijun Zhu Physics Phenomenology of Warped Extra Dimensions

### DECEMBER 2010 CANDIDATES FOR DOCTORAL DEGREES

**DOCTOR OF AUDIOLOGY** Dissertation not required

Janet F. Morton

### DOCTOR OF MUSICAL ARTS

Laura D. Armstrong A Mutual Influence: Selected Solo and Chamber Works for Clarinet by Students of Paul Hindemith

Joseph A. Gascho The Art of Transcribing for Harpsichord

Twimothy J. Reno A "Messiah" for Our Time: An Analysis of Sven-David Sandstrom's New Oratorio

### Sun H. Son

Selected Character Pieces of Frederic Chopin (1810–49), Franz Liszt (1811–86) and Johannes Brahms (1833–97)

### DOCTOR OF PHILOSOPHY

Bahman Abbasi Mechanical Engineering Pressure-Based Prediction of Spray Cooling Heat Transfer

Nassim Abdi Dezfooli Education Policy A Portrait of Practitioners' Understanding and the Use of Freirean Pedagogy in a Summer Camp for Girls in Iran

Abhishek Abhishek Aerospace Engineering Analysis, Validation, Prediction and Fundamental Understanding of Rotor Blade Loads in an Unsteady Maneuver

Navik Agrawal Electrical Engineering Design and Analysis of Free Space Optical Sensor Networks for Short-Range Applications

**Copper Aitken-Palmer** Animal Science Assessment of Male Giant Panda Seasonal Reproduction, Sexual Maturity and Comparative Sperm Cryotolerance

**Craig J. Alimo** Counseling and Personnel Services From Dialogue to Action: The Development of White Racial Allies

Michael D. Armani Bioengineering Nucleic Acid Extraction and Detection Across Two-Dimensional Tissue Samples Kamal H. Baloch Chemical Physics Thermal Imaging of Multiwalled Carbon Nanotubes

Daniel B. Barrie Atmospheric and Oceanic Science On the Interaction of Wind Energy with Climate and Weather

Ryan O. Behunin Physics Nonequilibrium Quantum Fluctuation Forces

Wojciech Melchior Bejgerowski Mechanical Engineering In-mold Assembly of Multifunctional Structures

Adam C. Bender Computer Science An Accountability Architecture for the Internet

**Benjamin M. Benus** Art History *Figurative Constructivism, Pictorial Statistics, and the Group of Progressive Artists, c. 1920-1939* 

**Diether W. Beuermann** Economics Essays on Public and Development Economics

Jim B. Boonyaratanakornkit Veterinary Medical Sciences

The C Proteins of Human Parainfluenza Virus Type 1 Exert Broad Control Over the Host Innate Immune Response

**Beatriz E. Burrola Gabilondo** Physics Effect of Membrane-Binding Peptides on the Physical Properties of Lipid Bilayers

**Carolina D. Casas-Cordero** Survey Methodology Neighborhood Characteristics and Participation in Household Surveys

Brendan J. Casey Bioengineering Blood Coagulation-Inducing Synthetic Polymer Hydrogel

Vidyullatha Challa Mechanical Engineering Effect of Joule Heating on the Reliability of Stamped Metal Land Grid Array Sockets

Daniel M. Chapman Physics The Structure of Offshell 3D Superspace with Arbitrary N, Coupled to a Yang Mills Field

Satej V. Chaudhary Aerospace Engineering Precise Steering of Paticles in Electroosmotical Actuated Microfluidic Devices

Athanasios N. Chryssis Electrical Engineering Design and Fabrication of High-Performance Interband Cascade Tunable External Cavity Lasers

### Marina K. Chumakov Bioengineering

The Novel Use of Nitroxide Antioxidants as Free Radical Scavengers in Ultra-High Molecular Weight Polyethylene (UHMWPE) for Total Joint Replacements

Andrew M. Churchill Civil Engineering Coordinated and Robust Aviation Network Resource Allocation

Enrique D. Cobas Engineering Materials High-Frequency Electrical Transport Properties of Carbon Nanotubes

Melissa M. Cochran Curriculum and Instruction Teaching Historical Thinking: The Challenge of Implementing Reform-Minded Practices for Three First-Year Teachers

Adam S. Coleman Animal Science Novel Surface Proteins in the Pathogenesis and Diagnosis of Lyme Disease

Christina W. Collins Animal Science Understanding the Reproductive Biology of the Przewalski's Horse (Equus Ferus Przewalskii)

Joseph K. Conroy Aerospace Engineering A Continuous-Time Nonlinear Observer for Estimating Structure from Motion from Omnidirectional Optic Flow

Ryan D. Curtis Psychology The Effect of Rejection on Previously Established Relationships: Similarity Plays a Role

William Dardick Measurement, Statistics and Evaluation Reweighting Data in the Spirit of Tukey: Using Bayesian Posterior Probabilities as Rasch Residuals for Studying Misfit

Joelle I. Davis Carter Education Policy Factors Influencing the Engagement of White Undergraduates Attending Public Historically Black Universities

Leonard Demoranville Chemistry Evaluation of Mass-Filtered, Time Dilated, Timeof-Flight Mass Spectrometry

Michelle L. Denny Counseling and Personnel Services Relationships Among Internalizing Symptoms in Kindergarten and Later Self-Concept and Competence

22 2010 Winter (ommencement / UNIVERSITY OF MARYLAND

Angela N. DeLutis-Eichenberger Spanish Language and Literature

*El Proceso Semiótico de un Héroe Decimonónico: Un Estudio en Torno a Los "Textos-Tumbas" de Andrés Bello* 

Stephanie M. DiPietro Criminology and Criminal Justice Immigrant Assimilation, Family Functioning and Delinquency: A Test of Mediating and Moderating Influences

**Christopher Dyer** Linguistics A Formal Model of Ambiguity and Its Applications in Machine Translation

Rudolf G. Egging Civil Engineering Multi-Period Natural Gas Market Modeling-Applications, Stochastic Extensions and Solution Approaches

Laura E. Ellestad Molecular and Cell Biology Ontogenic and Glucocorticoid-Regulated Gene Expression in the Developing Neuroendocrine System

Heather N. Epkins Communication Asking the Journalist: How Washington, D.C. Prestige Press Make Meaning of the War on Terror Frame

Daniel M. Farley Mechanical Engineering Development of Fatigue Models for Copper Traces on Printed Wiring Assemblies Under Quasistatic Cyclic Mechanical Bending

Momodu Fofana Civil Engineering E-Government Technical Security Controls Taxonomy for Information Assurance Contractors: A Relational Approach

**Sandro M. Fouche** Computer Science Large-Scale Distributed Testing for Fault Classification and Isolation

Marie J. Fritz Government and Politics House or Home: Nuclear Family Construction and Federal Housing Policy Development

Moein Ganji Civil Engineering Resource Allocation in Air Traffic Flow-Constrained Areas with Stochastic Termination Times

Joel E. Gibson Philosophy Freud, Modularity, and the Principle of Charity

David M. Givens Economics Four Essays on the Measurement of Governance Institutions

### Deborah S. Goldberg Bioengineering

Poly (Amido Amine[LB2]) Dendrimers: Transepithelial Transport Mechanisms and Applications in Oral Drug Delivery

Samuel D. Gordon Computer Science On Fairness in Secure Computation

Jaime L. Grace Biology Patterns of Song and Preference Variation in Laupala cerasina and Their Evolutionary Implications

Mark A. Gubrud Physics Scanning Tunneling Microscopy at Millikelvin Temperatures: Design and Construction

Giancarlo Guenzi Reliability Engineering Reliability Evaluation of Common-Cause Failures and Other Interdependencies in Large Reconfigurable Networks

Mona L. Guha Human Development Understanding the Social and Cognitive Experiences of Children Involved in Technology Design Processes

Rong Guog Cell Biology and Molecular Genetics Different Replication Requirements in the Homologous 3' Ends of a Positive-Strand RNA Virus and Its Subviral RNA

Joseph D. Harris Physics Studies of Clear Air Turbulence by Optical Methods

**Luc Hebou** Biological Resources Engineering A Decision Support System for the Spatial Control of Invasive Bioagents

Magdelyn H. Helwig English Language and Literature Writing with Image: Verbal-Visual Collaboration in 20th-Century Poetry

**Brooke C. Hester** Chemical Physics Wavelength Dependence in Optical Tweezers

Jahda H. Hill Cell Biology and Molecular Genetics Characterization of Atg6 Function in Autophagy and Growth Control During Drosophila Melanogaster Development

Ermal Hitaj Economics The Relationship Between Income, Wealth and Life Satisfaction

Jorge G. Holzer Agricultural Economics An Analysis of Sector Allocations in Commercial Fisheries

### Adrian Hood Aerospace Engineering

Fault Detection on a Full-Scale OH-58 A/C Helicopter Transmission

Amanda R. Howard Cell Biology and Molecular Genetics Characterization of the Two Vaccinia Virus Mature Virion-Specific Proteins, A26P and A25P

**Anzi Hu** Physics *Quantum Many-Body Phenomena in Ultra-Cold Atoms in Optical Lattices* 

He Huang Electrical Engineering Components-Based Routing Protocol Designing Methodology for Manet

Benjamin D. Huebschman Electrical Engineering Investigation of Reliability in Gallium Nitride High-Electron Mobility Transistors Using Equivalent Circuit Models for Use in High-Power, High-Frequency Microwave Amplifiers

Tanya G. Huntington Spanish Language and Literature El Águila y la Serpiente de Martín Luis Guzmán: Una Mea Culpa Revolucionaria

Ampun Janpengpen Civil Engineering Monitoring and Forecasting Biosolids Odors at Prior-Lime and Post-Lime Addition in Wastewater Treatment Plants

Jiangsong Jiang Cell Biology and Molecular Genetics Development of Tools to Characterize Protein-Protein Interactions

Leo H. Jones Jr. Civil Engineering Efficient Spectrum Management for Mobile Ad Hoc Networks

**Kimberly A. Karnes** Government and Politics *Rural Voting Behavior in the 21st Century* 

Jason C. Keagy Behavior, Ecology, Evolution and Systematics Cognitive Performance and the Evolution of Multiple Behavioral Display Traits

Sarrit M. Kovacs Human Development The Role of Mother-Child Relationship Ouality in the Link Between Maternal Psychological Control and Internalized Maladjustment in Early Adolescence

Srinivas Kudaravalli Business and Management Practices and Strategies of Distributed Knowledge Collaboration Manish Kumar Veterinary Medical Sciences Characterization of Borrelia Burgdorferi Gene Products Critical for Pathogen Persistence and Transmission

Sachin Kumar Veterinary Medical Sciences Characterization and Development of Reverse Genetics System for Avian Paramyxovirus Type-3 And Its Evaluation as a Live Viral Vector

**Shugi Kuriakose** Chemical Engineering Motion of Elastic Capsules in Microfluidic Channels

### Daniel R. Lenski Physics

Materials for Large-Area Electronics: Characterization of Pentacene and Graphene Thin Films by AC Transport, Raman Spectroscopy and Optics

David M. Levin Computer Science Systems-Compatible Incentives

Jin Liang Neurosciences and Cognitive Sciences Identification of the Molecular Mechanisms of Zebrafish Inner-Ear Hair Cell Regeneration Using Highthroughput Gene Expression Profiling

Mi-Sun Lim Curriculum and Instruction An Investigation of Students' Experiences with a Web-Based, Data-Driven Writing Assistance Environment for Improving Korean EFL Writers' Accuracy with English Grammar and Vocabulary

# **Zhuoer Lin** Marine, Estuarine and Environmental Sciences

The Divalent Cation Transporter Nramp in the Parasite Perkinsus Marinus: Genomic, Molecular, Structural, Functional and Evolutionary Aspects

Michele L. Loving Counseling and Personnel Services The Effects of a Structured Parent Tutoring Program on Students' Reading Fluency

**Ru Lu** Measurement, Statistics and Evaluation Impacts of Local Item Dependence of Testlet Items with the Multistage Tests for Pass-Fail Decisions

### Da Ma Chemistry

Acyclic Congeners of Curcurbit(n)uril and a Related Mechanistic Study on the Curcurbit(n)uril Forming Reaction

Huagiang Ma Applied Mathematics and Scientific Computation

Estimation of Expected Returns, Time Consistency of a Stock Return Model, and Their Application to Portfolio Selection

Xiaofei Ma Chemical Physics Nanostructured Materials for Solar Hydrogen Generation Christine P. Mahan Education Policy First to the Finish Line: A Case Study of First-Generation Baccalaureate Degree Completers in the University of Maryland Student Support Services Program

Terri L. Massie-Burrell Counseling and Personnel Services

A Learning Community Project: Comparative Interventions on Writing Apprehension and Locus of Control of Developmental Students at a Two-Year College

**Ion Matei** Electrical Engineering Generalized Distributed Consensus-Based Algorithms for Uncertain Systems and Networks

**Elizabeth V. McLaughlin** Mathematics Equivariant Giambelli Formulae for Grassmannians

Laura M. McShane Education Policy, Planning and Administration Being Through Books: A Phenomenological Study of Constructing a Sense of Self Through Fiction

John M. McTague Government and Politics Contested Populism: The Cross-Pressured White Working Class in American Politics

Shyam K. Menon Aerospace Engineering The Scaling of Performance and Losses in Miniature Internal Combustion Engines

Karla P. Miller Curriculum and Instruction Two Models of Discourse in Primary Grade Book Discussions: Along a Continuum of Authoritative to Internally Persuasive Talk

Margaret M. Milligan Government and Politics Power Sharing or Power Hoarding? Conflict and Democratic Breakdown in Nigeria and Lebanon

**Gisele-Audrey Mills** Ethnomusicology *lie Aiye: Performing Afro-Brazilian Identity Through Music* 

Tracy L. Moore Physics Nanoelectronic Materials

Vlad I. Morariu Computer Science Analyzing Structured Scenarios by Tracking People and Their Limbs

Chaitanya Mudivarthi Engineering Materials Magnetic and Structural Characterization of Fe-Ga Using Kerr Microscopy and Neutron Scattering María V. Muñoz Spanish Language and Literature Pliegues Sublimes: Lo Extraño, Lo Raro y Lo Perturbador en Simón Bolívar, Juana Manuela Gorriti y Ricardo Palma

Asma Naeem Art History "The Imagery of the Ear": Listening and Sound in American Art, 1847-1897

Saket J. Navlakha Computer Science Algorithms to Explore the Structure and Evolution of Biological Networks

**Quynh T. Nguyen** Economics Essays in Empirical Microeconomics on Economic Development

Sirin Nitinawarat Electrical Engineering Information Theoretic Secret Key-Generation: Structured Codes and Tree Packing

Ann L. Nutter Coffman Education Policy The Development and Implementation of Alternative Teacher Preparation Programs in Maryland: A Cross-Case Study of Montgomery and Prince George's County Public Schools

Evan L. Ochsner Physics Improving Analytical Templates and Searching for Gravitational Waves from Coalescing Black Hole

Binaries

Michael Padhi Business and Management Two Essays on Recent Innovations in Finance: Microfinance and Floating-Rate Convertibles

Abhishek Pani Business and Management Models for Budget-Constrained Auctions: An Application to Sponsored Search and Other Auctions

Megan E. Paustian Behavior, Ecology, Evolution and Systematics Evaluating Competition Between the Non-Native Slug Arion Subfuscus and the Native Slug Philomycus Carolinianus

Jandelyn D. Plane Education Policy Approaching Gender Parity: Women in Computer Science at Afghanistan's Kabul University

**Dorothee Polanz** Modern French Studies La Theatralite: Analyse d'Une Notion Critique a Travers Trois Media et Epoques (Roman, Peinture et Cinema au Xviiie, Xixe et Xxe Siecles)

Zhaogang Qiao Economics Essays in Cross-Country Consumption Risk Sharing Severine M. Rebourcet Modern French Studies Les Voix du Volcan: L'Ecriture du Mal-Etre dans Le Roman Feminin de L'Ile de la Reunion

Charles V. Reed History Royal Subjects, Imperial Citizens: The Making of British Imperial Culture, 1860-1901

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Jason C. Rhody English Language and Literature Game Fiction

Agustin S. Roitman Economics Precautionary Savings in Small Open Economies

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Heather R. Shive Veterinary Medical Sciences Modeling Germline Brca2 Mutations in Zebrafish

**Eric F. Siegel** Psychology Organizational Characteristics as a Justification of Employment Discrimination

Gerardo I. Simari Computer Science Stochastic Reasoning with Action Probabilistic Logic Programs

Monica L. Simonsen Special Education Predictors of Supported Employment for Transitioning Youth with Developmental Disabilities

Brandie R. Smith Behavior, Ecology, Evolution and Systematics Genetic Management of Groups Jennifer A. Smith Cell Biology and Molecular Genetics Functional Analysis of ESAT-6 and ESPB, Two Virulence Proteins Secreted by the ESX-1 System in Mycobacterium marinum

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Poorani Subramanian Applied Mathematics and Scientific Computation Detecting and Correcting Errors in Genome Assemblies

**Bo R. Sul** Physics The Cellular Basis for Hearing

**Kyle T. Sullivan** Mechanical Engineering Ignition Combustion and Tuning of Nanocomposite Thermites Materials

Ritaja Sur Mathematical Statistics Statistical Analysis of Eye Gaze Data

Simon T. Taaliu Education Policy Perspectives on the Teaching Profession in Kenya

Heather L. Taylor Linguistics Syntax of Comparatives and Comparative Correlatives

Peter C. Thompson Behavior, Ecology, Evolution and Systematics Sex, Dispersal, and Deep Divergence: The Population Genetics of the Protistan Parasite Perkinsus marinus

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Elizabeth H. Veisz English Language and Literature "Well-Dispos'd Savages": Elite Masculinity in 18th-Century British Literature

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Jenny R. Wustenberg Government and Politics The "Geschichtsbewegung" and Civil Society Activism in German Memory Politics

Jing Yang Electrical Engineering Delay Minimization in Energy-Constrained Wireless Communications

Sunkyoung Yi Human Development Three Young Korean Children's English Language Learning in Two American Preschool Classrooms

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Ilchul Yoon Computer Science Compatibility Testing for Component-Based Systems

Young S. Yoon Physics Proton and Helium Spectra from the First Flight of CREAM Balloon-Borne Experiment

**Chenjie Yu** Electrical Engineering Cross-Layer Customization for Low-Power and High-Performance Embedded Multi-Core Processors

Bevin A. Zauderer Astronomy An Analysis of the Environment and Gas Content of Luminous Infrared Galaxies

Nico Zazworka Computer Science Process Conformance Testing: A Methodology to Identify and Understand Process Violations in Enactment of Software Processes

Yajun Zeng Civil Engineering Risk Management for Enterprise Resource Planning Implementations in Project-Based Firms

Feng Zhang Urban and Regional Planning and Design Traveler Responses to Real-Time Transit Passenger Information Systems

Daniel S. Zimmerman Physics Turbulent Shear Flow in a Rapidly Rotating Spherical Annulus

# Master's Degrees

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 and master of science degrees in fields other than agriculture.

## AUGUST 2010 GRADUATES

### MASTER OF ARTS Counseling and Personnel Services

Chetan Chowdhry Amye Mae Lee Nicole R. Mehta

### Criminology and Criminal Justice Sarah Jessica Greenman Daiwon Lee Daniel Son David Ryan White

Curriculum and Instruction

Jenilee Marie Chirichella Mary Elizabeth Northen Ronald Lee Young Jr.

### Education Leadership and Policy Studies

Elizabeth Ann Doerr Thomas Daniels Hurst Callie Suzanne Riley Alteia L. Robinson Amy Grace Weinmann

### English Language and Literature

Amanda Lynn Bachert Barry Nemcoff Maximus Dima Joseph Charles La Bella Anne-Marie Robinson Sherea Andrea Spinner Brooke Elizabeth Tyson Emerson Taylor Wright

**Geography** Yuan Jie Li

Germanic Studies William Thomas Hildebrandt

### Hearing and Speech Sciences Amy Beth Albert

Judith Lee Segal Mara Elise Steinberg Anna Synnestvedt

### Kinesiology

Lori Beth Bjork Gina Marie Many Mallory Rachelle Marshall Suchi Sood

### **Mathematical Statistics**

Nicholas Caleb Henderson Yonghong Wang

### Measurement, Statistics and Evaluation Philip Edward Stablein

Music Jane Margaret Sitarz

### Theatre and Performance Studies Li-Min Lin

### MASTER OF ARTS/ MASTER OF LIBRARY SCIENCE History/Library and Information Services Helena L. Iles Josephine Gloria Romeo Amalia Skarlatou

### MASTER OF BUSINESS ADMINISTRATION

Richard Norman Abell Darcy Lynn Accardi Fadi Rachid Afiouni Taiwo Olubukola Alo Victor Robert Amakwe Jr. Munawar H. Bharde Sunil Shantaram Bhat Jared Joshua Blackburn Carlos J. Bowen II Thomas Ryan Brooks Michelle Marie Brown Jennifer Lynn Burgas Paul Joseph Cacciato Robert Thurston Carmichael Thomas Francis Casperite Laura Chang Yang Hui Chang Jerry Chao Cyril John Chemparathy Scott A. Chen Ramik Chopra Manjeet Singh Dadyala Nishant Anthony Dass Benjamin Delaney-Winn

Jodi Marie Denton Arvind Deshpande Benjamin Everett DeGrass Alexander Nathaniel Dippel Jeffrey Paul DiSabatino Ashley E. Dunklebarger Jessica Maroune El-Hosni Abigail Camilon Francisco Ali Ganjalizadeh Nina Sarah Goldman George Robert Grange III Ian Robert Heavers Robert Allen Heinbach III Ricky Shawn Herron Thomas Edward Hewitt III Stuart Monson Horton Adriana Hultkrans Matthew Timothy Hussion Audra Lynn Johnson Soojung Jung Rishi Jayantilal Kadiwar Motunrayo Adejoke Kemiki Jun Moon Kim Sae Hoon Kim Michael Kokiyelov Kelly Sabrina Kopeikin Neil Barrett Lapointe Michael Craig Libutti Karen Marie Machniak Christopher Russell Magnan Matt Tobin Minchew Suresh Varma Mudunuri Priyanka Neewoor Sean Patrick O'Connell John William Olson

David Sooho Pang Andrew Julian Papier Jack Michael Phelon Jacob Sandvad Rasmussen Shahrvar Rizvi Stephen Jay Rogers Phillip Evan Rogoff Rajib Kumar Roy Anita Sampath Alfred Ronald Santo Jr. William Andrew Scanlon Hans David Scheifele Matthew Leo Schwarz Daniel Glenn Severn Jane Ann Shih **Gurieet Singh** Madhu Sridharan Colin Wesley Stevenson Mike Shih-Chi Wang James Ryan Weber Michael George Wilson Yi Oiao Xu Ray C. Yin Rashid Zaman Alexander Maximilian Zawatsky

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Jennifer Leigh Blaustein Sean Brendon Michael Brady Melissa Miller Csikari Christine Calkins Fletcher Timothy Arthur Floto Shannon Marie Lenz Stephen Charles Majkrzak Laura Elizabeth McClendon Terra Anna Merry Matthew Todd Mitchell Megan Elizabeth Mohl Dana N.W. Riskalla Peter Andrew Spiessbach Valerie Lee Trotter Amanda Sue Wolfgang

### MASTER OF COMMUNITY PLANNING

Anna Michelle Bruton Ksenija Janjic Richard A. Lawrence Jr. Riane Ellyse McWain Kathryn Lea Rube Lillian Marie Shoup Jennifer Hart Wise

### MASTER OF EDUCATION Counseling and Personnel Services

Amanda Diane McConnell

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Laura Elena Ado Seema Agrawal Shavma Mohammed Al-Hanooti Bianca Zena Alperstein Mais Mouaffak Alraee Rachel Lori Attner Garrett T. Austen Sandra Galeano Avala Galeet Benzion Joseph Boettcher Sara Marie Bove Heather Alicia Brady Deborah Jean Bray Erin Elizabeth Carr Geoffrey Jie Cheung Jaclyn Christopher Clifford J. Cooper Jr. Megan King Creighton Jennifer Megan Crowe Joseph Anthony Crowley Kaitlyn Marie Curtis Erin O'Grady Cymrot Joanne P. D'Souza Joy Anne Demain Ryan Alexander Derenberger Laura H. Desobry Shannon Carroll DeGiorgi Angela Michelle DeStefano John Paul DiFato Jennifer Leigh Dodge Lauren Nicole Donaldson Brock Adam Eastman

Jenelle Renee Estwick Jared David Ettinger Sandra Lynn Evans Susan Lorraine Eveson Blaine Aubrey Ferrari Christina Diane Field Emily Gabriela Fortis Michael Robert Geoffroy Ana R. Giordani-Richter Lisa Stephanie Goldberg SarahRose Victoria Greco

Eric Mark Growney Vinav Gulati Xaviera Gutierrez Christina Marie Hade Henriksson Ellen Marie Hayes Crystal Lynn Hiatt Miranda Lynn Hogsett Meredith Joy Horne Rhonda Tiara Humphries Linda Michelle Jaffe Jacquelyn Hope Jouvenal James E. Kalshoven Thomas Ethan Karpf Lauren Hillman Kase Megan Lynn Kuhns

Nicole Marie Laidig

Victoria B. Lawson

Glenn Adam Licker

Schlauch

Bree Violet Maclver

Michael Adam Madaio

Andrea Hansen Maples

Alexandra Terra Matson

Charlotte Kate Mercer

Chelsy Samantha Meyers

Laura Elizabeth Moulding

Ashley Elizabeth Newby

Megan Elizabeth O'Meara

Jeffrey Thomas O'Toole

Jennifer Lauren Okun

Kristen Marie Oursler

Alan Michael Prunier

Brandee D. Reddix

Kymberli Doris Petronio

Carrie Noel-Nosbaum

Anna Sarah Nydick

Cecilia Angela Marsh

Maria Rosa Mellace

Haley Alison Miller

Liana Rosa Moris

Sarah Memon

Tara Htin Lynn

Michael Morris Lewis

Denice Darcia Liggins

Erin Elizabeth Lukomska-

Kaitlyn Lavin

Yutao Liu

### Special Education

Rebecca Bahr Reiser

Sara Eimeel Sanchez

Eric Lane Sarlin

Krista A. Shilts

Aneesha Srikar

Iris Nana Schwarz

Emily Elizabeth Ruffing

Amy Anita Peralez Sharp

Andrea Deneen Short

Matthew Stephen Smith

Kristen Danielle Spade

Stephanie Marie Staub

Lexi BreAnne Stover

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Taylor Chase Tarter

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Sarah Conrad Wells

Kathryn Mary Wible

Kathleen Theresa Wolf

Rebecca Kay Morris Zahradnik

Emily Ann Woodside

William Francis Thomas IV

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Kathryne Elizabeth Walsh

Allison Elaine Weatherford

Sarah Lindsay Thomson

Jennifer Shirey Adelman Michelle Marie Anderson Shira Batya Arcus David John Draa Kimberly Erin Hathaway Rebecca Lynn Hommer Emily Esther Newhard Angela Jones Royster Margaret Elizabeth Sweeney Daniel Marcus Zubrowski

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Isidore Takougang John Aduston Worsham Umair Zia

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ATION MANAGEMENT Niraj Dudhane Cheryle Mariam Jacob Shannon Rose Lantzy Taotao Liu Thet Khaing Oo Steven Young Petersen Ashwini Vijay Sonavane Kruthi Sreenivasa Murthy Erin Elizabeth Wissmann

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Volha Roshchanka

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### MASTER OF SCIENCE Aerospace Engineering

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Animal Sciences Ping Yuan

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**Biology** Justin Lewis Malin

Cell Biology and Molecular Genetics Zenas Chang Clinton Jay Miller Jeffrey Thomas Olimpo Jr.

Chemistry Monique Antoinette Pichon Emily Frances Trunkely

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Jason Louis Becker Stephen Michael Bravo Kevin Michael Calabro Monika Ann Glandorff Daniel Habete Sean William O'Neill Jennifer Marie Olszewski

**Computer Science** Jong-hoon An Srividya Ramaswamy

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Jessica Lynn Brenneman Dawnyea Dominique Jackson Lauren A. Messina Electrical Engineering Muhammad Akbar Wayne Anthony Churaman

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Vinita Banakar Dong-Yoon Lee Charlotte B. Shearin

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Natural Resource Sciences Sonia Lorelly Solano Torres

Physics Paul Leonard Bach Basudev Roy Daniel Schwartz Stanislav Solomovich

Psychology Abigail Diana Mintz

Reliability Engineering Ping (Danny) Cheng Jason Peter Mackinlay Sustainable Development and Conservation Biology Danae Azuara Santiago

Christine Danielle Miller Hesed Rebecca Ann Huncosky

#### Telecommunications

Samir Agrawal Anjalika Kumar Atul Shantılal Lunawat Dıpali Bakul Shah Zeeshan Zahoor

GRADUATE CERTIFICATES Advanced Graduate Specialist Karla Patricia Miller Daniel Marcus Zubrowski

Environmental Engineering Brian Wesley Gillis

Fire Protection Engineering David Alan Doser II Bryan Christopher Marek

Global Health Jill Rochelle Hammond Ouynhnhu Thi Nguyen Varsha B. Savalia

Literacy Coaching Malaika Imani Bogan Mechanical Engineering Umair Zia

Museum Scholarship and Material Culture Amy M. Carattini Anna Louise Doorenbos Helena L. Iles

Neuroscience and Cognitive Sciences Akira Omaki

**Professional Studies** 

Alvin Frederick Anderson Benjamin Manning Brunjes Andrea Maria Freeman Christina Nicole Harb Lydia Ann L'Esperance Anthony Tarrant

Project Management Engineering Britta Maria Hertling

Andrew Martin Kowalevicz Jr. Elena Papadopoulos

Public Sector Finance and Acquisition Kathleen Cichon Shawn Gaines

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### MASTER OF ARCHITECTURE

Christine Marie Arnold Brian Halley Brodeur Kira Ann Canon Emily Mackall Childs David Andrew Fischer Amanda Rachel Ganginis Peter Michael James Arik Craig Lubkin Gisela Marquez Gonzalez Stanley Mathurin Alvse Christine Riggin Ramon Eduardo Sanchez Claudia Elisa Santos Cortes Valerie Louise Smith Marcela Piedad Trice Karina A. Tsymbal Erin Elizabeth Waskom Laura Alison Williams

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Renata Faye Schloss

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### Kinesiology

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Anton Sergeyevich Kuznetsov Brynne Hawley Lieb Brett J. Magaram Pramod B. Mane Andrew William Marsh Brendan Michael McArdle Matthew Troy Moselle Nicholas John Myhre Sujay Nandy Tai T. Olowolafe Hatice Ozel Abaan Daniel Patrick Palmer Sneha Vinu Patel Jason Alexander Pato James Patrick Paukstis Adan Estevan Perez Kathryn A, Phelps Philip James Plack David Joseph Ploskonka Ramez Sved Qamer Shunying Oiu David Stanford Raeman Murali Ravi Jennifer Suzan Reed Norma Elizabeth Rodriguez Olga Rosenbaum William Joseph Rubin Rachel Kathleen Russell Kevin Michael Sanders Michael Travis Schaeffer Aamir Siddiqui Anjana Singh Kathryn McNally Slonaker Pvi Soe Corina M. St.Jean Andrew Michael Sutton Kundan K. Upadhyay Sathyamoorthy Varadharajan Kimberlee K. Wallace Peng Wang Rachel Alice Williams Claire Zietz

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### MASTER OF CHEMICAL AND LIFE SCIENCES Jill Marie Barker Derek Alan Chase

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Education Leadership and Policy Studies Apitchaya Pimpawathin

### Human Development Education Robyn Stacey Baliber

### Special Education

Amanda Jean Bowman Tracy Michelle Brooks Julie Marie Caputo Erica Michelle Friedman Erica Lee Hilliard Lisette A. LeCompte Tami Lanea Simone

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Ransford Addei Ebenezer Olakunle Akinpetide Steven G. Barry Robert Anthony Berry Araceli Teresa Billoch-Colon Darrell J. Boazman Luz V. Camacho Heisun Choe William Benton Clarke Jake F. Cooper Thomas Davidson Thakur Dhakal Brian Wesley Gillis Ragini S. Gode Walther Groenewald Netsanet Hailu Rebecca Ann Hamilton Laura Elizabeth Hasburgh Harlena Reikya Hickson Angela Marie Huenerfauth Osama Abbas Hussain Kyu Sung Jang Wayne Wen Jiang Bharath V. Jois Mishu Joshi Nicholas J. Kopczynski Dustin Kwok Kevin Michael Langone **Richard Gregory Lank** Antoine Mabwaya Madilo Jason Paul Mallare Nicholas Adler Mann Jonathan Marcano-Lozada Bryan Christopher Marek Megan Rose Meehan Mansee Bharatkumar Mehta Michael John Morrissey Usha Jyothi Mula Han Ba Ngoc Nguyen Vi D. Nguyen

Charly Edward Ntamack Nicholas Alan Nussbaum Nicholas George Pappafotis Ronak Arvind Patel Natalie Muninda Phang Vincent Robert Posbic Alvin Grant Roach Cinthya I. Roman-Cuevas Christopher James Roscetti Jaime Ernesto Sernas Christopher Wayne Shannon Sandy Sheng Christopher James Shiffler Douglas Edward Short Jr. Thomas Ryan Sills William David Snyder Vikas Somaiva Michael Joseph Stanbro Julie Nicole Trout Gaetan Tshibangu-Luabeya Andrew Michiharu Uza Milton Omar Valentin Frankie G. Vega Molina Clifford Weed Janeen Lynn-Yakaitis Winne Huidong Zhang

### MASTER OF ENGINEERING AND PUBLIC POLICY Vorapat Polcharoensook

Stephen James Reiling

# MASTER OF FINE ARTS Dance

Lauren Tracey Withhart

Studio Art J.L. Stewart Watson

### MASTER OF HEALTH ADMINISTRATION Rosa Wang

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Carroll J. Cottingham Cornelis De Mooy Kristie Lynn Kendall Sara Goldfarb Langmead Gilbert Lo-Oh Mbeng Lauren Emily Schiszik

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Eric Wei-Ming Chang Aleron Berwin Dsilva Richard Montgomery Jones Jennifer Marie McGaa Rajesh Premchandran Menon Ketan Dilip Patil Nirjhar Ray Jeremy Jay Riva Nathan Lee Schmutz Prashant Jagadish Shettar

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Jon Michael Aerts Abby Christine Brownback Rabiah Alicia Burks Karen Anne Carmichael Alexandra Margaret Farr Stephanie Jewell Gleason David Michael Johnson Stacy Ann Jones Justin Samuel Karp Tam Cung Le Christopher Murray Matthews Michelle Janay Nealy Laura Louise Thornton Ilana Sarah Yergin Shanna C. Yi

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### MASTER OF MUSIC

Tommy Lynn Atkinson Jr. Joy Mentzel Alvaro Rafael Rodriguez Piza

### MASTER OF PROFESSIONAL STUDIES

William Frederick Eilers IV

### MASTER OF PUBLIC HEALTH

Margaret Amankwa-Sakyi Lisa Anne Bethune Adam Patrick Chelikowsky Mitiku Wacho Dossa Armen Alex Ghazarian Xue Han Meredith Kate Jenkins Catherine A. Maybury Erinn Hurley Monteiro Isabel Chu-Kar To Rajiv Ravishankar Ulpe

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**Bingtian Bai** Xiang Cheng Terry Cochran Yunhua Deng Gabriel Deussom Noubissie Chun Ding Shaoyun Fei Yi Feng Xin Ge Zhenzhi Gong Naitong Guo Xiao He Min Ji Fan Jiang Hongbin Jiang Laiging Jiang Ming Jin Shibin Jin Sona Jin Julie Ann Kelly Ed Lewis III £i Li Qiti Jie Ling Guanggiu Liu Hongzhi Liu Wei Lu Wenming Lu Qingyan Luo Salvatore Maniscalco Weniun Min Yunkai Ni Hualu Pan Tricia Kimberly Prindle Cheng Qian Yuniie Qian Daniel W. Ruecking Klid Saraci

Jianxing Shen Ling Shen Weijian Shen Yong Si Yedwa Zandilke Simelane Michael Bland Smith Chunlei Sun Yu Sun Chuanyang Tang Haifeng Tang Maoren Tang Wei Tang Feng Tian Siddharth Vishwanathan Chengwu Wang Dongmei Wang Jian Wang Jinkang Wang Kangli Wang Limin Wang Yan Wang Yonggang Wang Qi Wu Ben Xu Chunming Xu Dong Xu Hai Xu Minbua Xu Rona Xu Xudong Xu Yanwu Xu Zhiquo Xu Chungang Xue Hongtai Yan He Yao Peidona You Jiandong Yu Jigiang Yu Wei Yu Qilin Zang Jiangyi Zhang Yongging Zhang Yu Zhang Yunzhong Zhang Zhenyu Zhang Liang Zhao Hao Zhou Liping Zhou Yundong Zhou MASTER OF PUBLIC POLICY Shahla Aliquliyeya

Bin Shen

### Shaha Angonyeva Seracia Michelle Arter Catherine M. Assebab Meghan Renee Hatfield Yanacek Matthew Seth Katz

Lawrence Michael Liff Lu Liu Patrick William Miller Arianna Adele Nagle Nwora Arinze Nwokolo

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### Agricultural and Resource Economics

Upamanyu Datta Geret Sean DePiper Timothy Michael Essam William Gans Claudia Maria Hitaj Adan Leobardo Martinez Cruz Ariel Ortiz Bobea Amparo Palacios Lopez Nagraj Rao Kohei Ueda Fanging Ye

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### Astronomy

Alexander Nicholas Aversa McCormick Che-Yu Chen Sidharth Kumar Dheeraj Ranga Reddy Pasham Holly Ann Sheets Shaye Perry Storm

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James Richard Reagan Galina Wind

### Behavior, Ecology, Evolution and Systematics Leah Danielle Carpenter

**Bioengineering** Dulciana Dias Chan

### **Biological Resources**

Engineering Melissa Marie Cameron Luc Hebou Preston Robert Postl

### Biology

Nicholas Michael Caruso Jerome Leonard Hersi Jr. Sky Compton Lesnick Soumya Samanta

### Business and Management Olanrewaju T. Ajadi

Michael Olufemi Akindutire Alaa Abdul-Monem Al-Mashat

Chukwunvem Emmanuel Aninye Mythreyi Ashoka Julie Monique Atangana Ryla Edward Atuahene Cristiann A. Bonilla Marcus Antwan Boyce Nkosi O. Brooks Corrine Annette Campbell Wen Na Chen Brandon Nicholas Coffey Isabel Maritza Contreras Osorio Sharine Denise Daniel Rose Prudence Diggs-Jones Daniel Alan Grufferman Wenjia Guan Jeffrey Brian House William Joseph Jee Mary John Wanda Karyl Jones Kim Thuy Le Juniian Li Min-Chun Liao Hsiao-Chien Lin Tamas Peter Majoros SanSan H. Maung Madia Rebecca McCarthy Clarence Thomas Mitchell III Kelly F. Murphy Sandra Elise Nemale Emmanuel Niba Timothy Patrick O'Brien Joyce Ampofowaa Ofori-Adu Qizhao Pan Cheryl-Ann Patterson Brent David Piper Tristan P. Poie Jieying Oian Manwei Rong Maritsa Elyse Ruiz Ruta A. Shah Amandeep K. Singh Pakavadee Tuntivate Oliver Joseph Urena Mustapha Sulaiman Wai Zhu Wang Fu-Yuarn Chen Wu Chen Xu Angela Maria Zarate Yijia Zhong

Cell Biology and Molecular Genetics Daniel Serrano

Ding Zhou

### **Chemical Engineering** Veidhes R. Basrur Joyce Catherine Breger

Sathyanarayana Janardhanan Brent Joseph Rogaski

### Chemistry

Rebecca Amy Adams Pavan Kumar Bellamkonda Sofia Magdalena Eriksson Pratheep Khanthapura

### **Civil Engineering**

Adrienne J. Capkovic Man Cheung Amina Tive Dines Sarah Beth Fick Michael Maness Jr. Kristen Sara Markham Nikola Milan Markovic Suvish Melanta Jasmy Ann Methipara Ti Awna Brittany Moffatt Endri Mustafa Gabriela Teieda Nino de Guzman Lin Qi Josue Alberto Ramirez Rochac Timothy Kenneth Saad Taetaye B. Shimeles Heather Lauren Smith Leah N. Watson Abadir H. Yimam

### **Computer Science**

Saeed Alaei Kan Leung Cheng Hyoungtae Cho Eylul Dogruel Tugrul Ince Kenneth Bernard Knudsen Jayant Kumar James Holmes Lampton Jr. Adam Edward O'Donovan James Aaron Pendergrass Benjamin Elias Teitler

### **Electrical Engineering**

Foad Askari Farahani Raef Bahi Bassily Mahsa Dornajafi Domenic J. Forte Chinmoy Gavini Danny Gee Joseph Glenn Gross Terrell Sanchez Johnson Abhishek Joshi Nagaprathyusha Kanala Awais Khawar Young Wook Kim Aparna Kotha Choon Yik Lee Frances Kimpik Leung Bo Li Kai Sum Li Wenjun Lu Jin Seock Ma Vijay Mahadevan Renato Mauricio Manterola Matteo Mischiati Shafiq Ur Rahman Anshu Sarie Satinder Pal Singh Lisa Marie Stechschulte Biniyam Tesfaye Taddese Syed Uzair Gilani Hsiang-Huang Wu Greeshma Yellareddy Kvunaiin Yoo Hao Zhang Shanshan Zheng

#### Entomology

Elizabeth Ann Ingianni Laura Catherine Moore

Environmental Science and Technology Vitalia Baranyai

Cheryl Lynn Carmona Jeffrey William Price

### Fire Protection Engineering Mi Sun Kim

### Food Science Ana Carolina Aguado

Geology

Brian James Mumaw Marcie Elizabeth Occhi Thomas Francis Tamarkin

#### Marine, Estuarine and Environmental Sciences

Susan Amee Chin-Murray Sarah Madelaine Ghorpade Maude Elizabeth Livings Dorothea June Lundberg Jennafer Christine Malek Michael Andrew Malpezzi Lauren Dalton McChesney Allison Rae Chandler Shideler Katherine Davis Ziombra

### Materials Science and Engineering

Michael James Carrier Jonathan Paul Chang Michael Scott Gaither Adam Paul Karcz Ore Oritse Jolomi Kuyinu Arun Luykx Tong Ren

### **Mechanical Engineering**

Herwin Singh Ahuja Time Osereme Aigbe Abdullah Abdulmohsen Alabdulkarem Yaser A. Alsaffar Kelsey Charnock Cellon Daniel George Chinn Douglas John DeVoto Jorge Ivan Diaz Agosto Casey Charles Fuller Headley Stewart Jacobus Mary Alexandra Larson Yuri Lee Anita Maghdouri Moghaddam Horacio Cesar Nochetto Beth Miller Paguette Gregory Douglas Ramsey Kyle Christopher Smith II Vikram Srinivas Ratnesh Tiwari Derrick Michael Treichler Laura Marie Woodworth Aurore Velna Zuzick

### **Natural Resource Sciences**

Lydia Ann Cardwell Donna Marie Pahl

### Nuclear Engineering

Slavica Grdanovska Layla Shahamat

### Nutrition

Alexandra Holmstrom Tova Gabrielle Jacobovits

### Physics

Prabin Adhikari Kristen Burson Andres David Cimmarusti Kristina Teresa Gaff Brian James Grooman Brian Keith Hamilton Creston David Herold Jonathan Evan Hoffman Kevin Allen Twedt Kyle Patrick Wardlow Caitlin Rose Sanford Williams

### Psychology

Maria Luz Berbery Chin Lin Ashley Fulmer Kristen Marie Klein Jingging Liu Katiah Llerena Julia Diane O'Brien Stephanie Grace Park Lauren Haumesser Shuck

### Reliability Engineering

Mandana Azarkhil Joshua Louis Korson Shawn Allen Newell

Sustainable Development and Conservation Biology Daniel Brizuela

### Telecommunications

Priyank Agrawal Harisudhan Asokan Arya Bhatt Khusbu Bhupendra Chhadwa Geetanjali Gautam Puneet Kumar Hyun Jung Park Swapnesh Patel Sarmita Laxmi Tuladhar Allyson Mary Warren

### GRADUATE CERTIFICATES

**Engineering** Harlena Reikya Hickson

Historic Preservation Emily L. Swain

Museum Scholarship and Material Culture Emily Jin Unrue

Professional Studies Brian Andrew Hewlett

Women's Studies Nassim Abdi Dezfooli

# Bachelor's Degrees

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. Maryland Agricultural College, which later became the University of Maryland, College Park, awarded its first bachelor of arts and bachelor of science degrees in 1862.

## AUGUST 2010 GRADUATES

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

### Bachelor of Science

### Agricultural and Resource Economics

Ezekiel Araki Despina George Cornias Kumbirai Zvikomborero Mahari Ali Ahmed Noor Kathleen Elizabeth Ruppert Jingwei Sun Ge J. Yang

### Animal Sciences

Kaylea Gene Kowalski Fiona Monosmith

Dietetics Ilana Sharone Fishof

Environmental Science and Technology Amanda Christine Johnson

Environmental Science and Policy Aaron Samuel Day-Nitkin Kathleen Helen Smith

Nutritional Science Ambrose Chukwuka Monye Jr.

#### Plant Sciences Darius Joseph Mirsaidi

SCHOOL OF ARCHITECTURE, PLANNING, AND

## PRESERVATION Bachelor of Science

Architecture Armin Abazari Christopher Ryan Donnelly Dane Arthur James Williams Miller

# COLLEGE OF ARTS

### Bachelor of Arts

## American Studies

Carlyn Elizabeth Mast Antwine Shamir Perez Quinn Bowers Wallis 2nd Major: Government and Politics Chelsea Lee Walters Carla Marie Wasienko

### Art History

Claire Anne Hudiburgh Anna Patricia Barnachea Leyson 2nd Degree: International Business

### Communication

Kyle Eugene Bausch \*Roni Jesse Benzvi Gina Gomez Alexia Brooke Gonzalez Jennifer Griffith William Alexander Jovel Eric Paul Joy Corrie Ann Keegan Adam S. Kramen Elizabeth Lorraine Lizama Alicia Marie Migliorini Eric Nathan Cassie Ann O'Connor Martha Carolina Peña Dana Christine Rachefsky James McCaffrav Rhodes James Edward Roberts Katherine Elizabeth Rocha Kimberly Afiya Rodgers Michael Bryan Ross Jessica Simone Skhal Amanda Nicole Soven Eboni Shirelle Thorne

### English Language and Literature

Marlene Andrea Amedome Eric Daniel Barocio Allen Richard Brasch Landon Nathaniel Fallin Buell Mark Renard Claiborne Jr. Clarence Herbert Conger V Gregory W. Crowe Claire Elizabeth DeMaio

Victoria Nicole Eagles Matthew J. Flannery Catrina Monigue Foley Jillian Christine Foley \*Esther Frischling Andrew Joseph Furbush Paul Andrew Hurt Lauren Ashlev Hutter Lauren Elizabeth Izquierdo Bruce Stanley Karner Jr. Kristi Lynn Martin Eric Jay Matthews Jason Edgar McClure Geoffrey Nathan Millner Amirshervin Nazemian Daniel Robert Payne 2nd Maior: Communication Drew Hicks Payton Jeremy Dane Rice Erika Ingrid Smith Shannon Mary Thornton Dyanne Lim Tsai Christopher M. Wack Patricia E. Wallace Rachel Grace Waller Erin Kathleen Whiting Jody Marissa Williams

### French Language and Literature Katherine Hillary Bayless

Germanic Studies Brandon Joseph Furlong

### History

Arslaan Arshed Matthew James Barston Michael Penn Bayless Amy Lynn Cole Jasper Jacob Colt Brandon Stuart Fleig Patrick Seamus Hutchinson Jameson David Lancaster Kevin Chungsuh Lee John Patrick Pignone

### Japanese

Gabriel Cervantes Silex

Jewish Studies Sarah Rebecca Levine Sara Michal Madoff

### Linguistics

Benjamin Neil Lane Isador Ross Miller

Music-Liberal Arts Program Benjamin Silverman

Persian Studies Amir Razavi

### Philosophy

Mark Alan Biale 2nd Major: Economics Aldo Coreas Jeffrey Robert Heeter Jason Harrison Kleinman 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.

Gregorio Andres Meraz Jr. Brian Michael Porcelli L'Oreal Naetina Threat

### Russian Language and Literature Courtney Ariel Sylvester

Spanish Language, Literatures, and Cultures Carlos Arismendi Cassandra Maria Chiras 2nd Degree: Biological Sciences Shannon Germaine Cummings Jessica Louise De los Santos Katrina Louise Shields Nicholas Christopher Triolo

Alejandra Valeria Zarzycki

### Studio Art

Nduwueze Scott Anyanwu Shawn James Berry Susan Appleton Chapin Natalie Rami Kmeira Michael Paul LaMonica Melisa A. Matthews Elizabeth McCuen Terry Pablo Arnaut Van Winkle Summer Dawn Vanselow

### Theatre

Aaron Roth Hirsch Bliden Michael Saltzman Stacey Elizabeth Shade-Ware Women's Studies Renee Antoinette Bell

### Bachelor of Music

Music-Professional Program Santana Enrico Santiago Moreno

### COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

### Bachelor of Arts

### Anthropology

Jorge W. Dionisio Wahiba El-Frih Daniel Earl Jones Sara Genevieve Legg Jonathan Warshaw Avril Yarnell Webb

### Criminology and Criminal Justice

Babatunde A. Adepoju Clifford Collins Anthony Michael Louis Applebaum Brandon Gian Barletta McKinley Battle Jr. Nadine Alana Blackie Karl Edwin Blessing Katherine Gabriela Bonilla-Borjas Linlee Irene Bowden-Johnston Corinne Mae Conrad Timothy Wayne Crawford Jr.

Crystal Ramesh Dalsania Gary Anthony Damico 2nd Major: Psychology Vikram Singh Dhariwal Phonesavanh Douangphoumy Daniel Crepin Dragon Stephanie Anne Timtiman Enaie Johnathan Thomas Frazier Daniel Michael Gallagher Nicole Michelle Gartrell 2nd Major: Family Science Jeffrey Bryan Gellman Christina M. Grav Timothy James Hall Alex Terril Hiadon Sara Kals Mohammad Yusuf Karzai Arthur John Keeffe II Alexander Alexandrovich Kovalchuk Sadia Khatoon Malik Whitney Ann McCarthy Michael Joseph McGuire Melony M. McKay Blake Thompson Miller Chad Ryan Miller lan T. Moore Adrian Lamont Moten Nicole Danielle Movers Lauren Tait Musick Natale Joseph Nappi Toan T. Nouven Anthony Oguguo Nwabunnia Oluseyi Oluseun Oguntolu Jessica Lynn Oliver Obafemi Oluseun Opesanmi Jr. Tabitha Meaghan Palm Jennifer Lee Quattrone James Roberts III Kristina Marie Robinson Angelina Hernandez Romualdo Shanae' Tierra Sheppard Gitis Sokolsky 2nd Degree: Psychology Clyde Darren Thompson Ryan Daniel Young Paola Ivonn Zapata

### Economics

Mohit Agrawalla Andrei Igorevich Artemiev Dmitry Y. Baranov Matthew C. Bausch Ihsan George Beezer Michael Andrew Bohr <sup>®</sup>Ronnie Brodsky Kemar Ritson Brown Kenneth Moohyun Chang

Kevin Kai-Wen Chiu Sterling Alexander Copelin Sebastien Morike Denis William Patrick Ahn Dodd Joseph Charles Dowden 2nd Degree: Finance Justin Roger Encarnacion Derek John Famulari Chaoiie Feng Michael Andrew Foeckler Stephen Adam Fritz-Clagett Yike Han Benjamin Joseph Holgash Van C. Huynh Justin Lawson Isett 2nd Major: Theatre Markys Henry-Max Jean-Pierre Ricardo Renato Lansiquot Ivan Wangka Lee Keith Lueck <sup>6</sup>Jonathan Jacob Mansfield 2nd Degree: Psychology Erin D. Mathis Gladys Roxana Mendoza 2nd Major: Family Science Samuel Mukiibi 2nd Maior: Government and Politics Sahil Munshi George Nadareishvili Nguyen Phuong Nguyen Janay Catherine Pinnix Daniel A. Powell Stephen Anthony Rich Panapar Roirujanond Mona Rush Karan Singh Sahani Adam Joseph Shaked Ohunene Z. Sheidu Alexander Kaoru Simpson Jason Matthew Slotkin Stephen William Snow Brandon N. Stalev Mohamed Amine Stambouli Kelly W. Tan Preston James Taukulis David A. Webster Jeremy Scott Yonowitz **Bethany Christine Young** 

### Government and Politics

Michael Justin Adler Daniel Thomas Borzilleri Katharine Aileen Bundy Christine Noelle Cea Travis Curran Durepo Wanika Beatrice Fisher 2nd Major: African American Studies

Elena Frenkel Michael Ralph Furman David Jay Hasson Kevin Michael Hemer Magdalena Agnieszka, Jaruga 2nd Maior: Communication Sean Richard Kibby Daniel Minsuk Kim \*Bryan Philip Kunkle Nina Marie Malik Sara Momen Amber Nicole Mulcare Peter Gregory Reider Paylenco Justin B. Perlman Jennifer Adelia Russell Jahantab Siddiqui Michael Nathan Siegel Christopher Ross Wilhelm

#### Hearing and Speech Sciences

Arielle Heather Gavin Carly Michele Huss Kimberly Ann Hypolite Alexia Papanicolas Marina Lynn Rubbo Alyssa Marie Ternullo

### Psychology

Patricia M. Aderibigbe Jason Andrew DaCosta Kathleen Margaret Eisele Talisia LaShawn Gooden Stephen Ratcliffe Harsanvi Alison Marie Hearne Jennifer Peggy Jo Hudak Pan Jiang \*Leda Kaveh Sara Shana Khalatbari Lee K. Kim Isabela Lorenzo Lessa Evette L. Mabrev Akinbiyi Oladipupo Opesanmi Emily Rebecca Siegel Gitis Sokolsky 2nd Degree: Criminology and Criminal Justice Douglas E. Wasson Garry J. Zeltser

### Sociology

Caryn Alyse Gordy Rodrigo Alex Guevara Stacey Michele Holland Faiza Mohamed Gelle Hussein Antony Marcus Johnson Anthony James Jones Lauren Victoria King 2nd Major: Criminology and Criminal Justice Jose A. Martinez Kevin William McKinney Amanuel Asbeha Melles Melor Suliana Suhaimi Diem Kim Truong

### Bachelor of Science

### Environmental Science and Policy

Daniel M. Berchenko Matthew Stephen Mielke

### Geography

Daniel E. Caton 2nd Degree: English Language and Literature John Paul Celmer Kenny Veasna Chhay Valerie Ava Hermes Casey Scott Marwine Kirkland Phinizy Moats

### **P**sychology

Daniel Edward Berman Marika Eileen Czan Britni Danielle Daughtridge Brian Bradford Hawkins Grace Hwang Darena Elizabeth James Gabriel Aaron Katz Chloe Hyunna Lee Katherine Christine Lopez Jeffrey Andrew Lund <sup>§</sup>Jonathan Jacob Mansfield 2nd Degree: Economics Zakria Christopher Nur Kiersten Christine Riffert Erin Marie Santana Matthew Estevan Zamora 2nd Degree: Biological Sciences

### ROBERT H. SMITH SCHOOL OF BUSINESS

### **Bachelor of Science**

### Accounting

Selamawit C. Abera Arjun Singh Achreja Toyin Sulaimon Adesanya Hyo J. Choi Chivon A. Fahie *2nd Degree: Information Systems* Jennifer Nicole Fortini Kim Ngan T. Hoang Tatsuya Kobayashi Daniel Kumi-Mensah Steven Joseph Kurinsky 2nd Degree: Finance Minh Thu Le Nyanshole Fina Makale James Arthur Naylor Janelle Niurka Nelson Bit Park 2nd Degree: Finance Khusbu P. Patel 2nd Maior: Information Systems 5 4 1 Steven Michael Rabin Brandon L. Ray Tia Marie Robb Elizabeth Saavedra Nicholas K. Sergon Kevin Edem Tamekloe

### Finance

 Natalia Bejenari
 Benjamin Nicolas Chaiken
 Winghei Chan
 David Joseph Czinn
 Joseph Charles Dowden 2nd Degree: Economics
 William Brenton Finagin
 Nathan William Franklin
 Joseph A. Gelfand
 Nick Grayson Hardison
 Steven Joseph Kurinsky 2nd Degree: Accounting
 Bit Park 2nd Degree: Accounting

### General Business

Jordan Reid Cohen Brittany Leigh Cummins Chenghao Gao Thomas David Millman Dené Courtney Nance

### Information Systems

Chivon A. Fahie 2nd Degree: Accounting David Younghwan Song 2nd Major: Supply Chain Management

### International Business

Nadia Jamil Darwish Hasan Khalid Anna Patricia Barnachea Leyson *2nd Degree: Art History* Sarah Julia Suffir Marketing

Arseni A. Druzhynin Tomer Shaked

### **Operations Management**

Juan Esteban Botero James Carlisle Nietmann Peter L. Pool 2nd Major: Supply Chain Management Peter James Rosenfelder

### Supply Chain Management

Peter L. Pool 2nd Major: Operations Management Beverly Tseng

### COLLEGE OF COMPUTER, MATHEMATICAL AND NATURAL SCIENCES

(CHEMICAL AND LIFE SCIENCES)

### **Bachelor of Science**

**Biological Sciences** Bei Nawe Achu Sasha Mae Caresse Allen Usama Ahmed Anwar \*Twain Edward Brown Michael Ryan Castro Cassandra Maria Chiras 2nd Degree: Spanish Language, Literatures and Cultures Devsi Duque Leliveld Emeni Stephanie Amalia Fischer Samuel Jake Grimard Elmer Joseph Haapala III Sidhardh K. Kakar Suleman Khan Jason Ki Kim Gregory Kronberg Dennis H. Moore Jr. Alice Nieh Alberta Nana Pokuah Nyarko Oluwakemi Kehinde Odusami Nikta Pashai Samit Babu Patel James V. Perrv Amit Puri Sved M. Rahman Stephanie June Schellin Daniel Joseph Schmitz Margaret Campbell Smith

Nelson O. Sofoluke Patrick Alan Swartz Tselote Mesfin Tilahun Ashlei Rene Yancich

Matthew Estevan Zamora 2nd Degree: Psychology

### Chemistry Mobeen Ashraf Lucas Peter Boron-Brenner

### COLLEGE OF COMPUTER, MATHEMATICAL AND NATURAL SCIENCES

(COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES)

### Bachelor of Science

### Computer Science

Fernando Correa Monteiro De Castro Pedro Henrique Ferreira David Komla Forsythe Monzer Bachar Hijazi Fredia Lionel Huya-Kouadio Di Lin Tarek Alsaid Osman Bashir Partovi 2nd Degree: Electrical Engineering John Charles Wegand Jr.

### Geology

Tyler Chapman Baril Jesse Evan Dietderich Brittany Anna Jenner Heyfa Khenissi Sarah Elizabeth Regen

#### Mathematics

Mark Andrew van Buskirk 2nd Degree: Physics Adiba Siffat Ahmed 2nd Major: Economics Ilan A. Birman Cory Michael Cummings John Vincent Waite

### Physical Sciences

Spiros Themis Avgeropoulos

### Physics

Mark Andrew van Buskirk 2nd Degree: Mathematics Samuel Welch Teitelbaum Benet Lee Tribble Gregory William Vanmeter II

# COLLEGE OF

### **Bachelor of Science**

Elementary Education Patricia Nan DeMarco Kristen Mary Fallon Lauren Michelle Frankel Elise Faith Hawkins Sally Alicia Paz y Mino Brandy Lynn-Myra Stewart

### **Special Education**

Kelly Lucia Bogdanski Victoria Adele Dean Heather Ann Hughes Lauren Ashley Minor Sarah Lindsey Ward

### A. JAMES CLARK SCHOOL OF ENGINEERING

**Bachelor of Science** 

### Aerospace Engineering Jeremy Michael Davis Gregory Scott Holste Ashley Nathan Vowles

Bioengineering Michael Gu

**Civil Engineering** Richard Hurt Leiul Solomon

**Computer Engineering** Andrew Scott Bishop Andrew Nathan Schoenfeld

### **Electrical Engineering**

Sakinder Ali Nadeem Ahmad Chughtai Navjot Kaur Maturin Lita Phuong V. Luong Michael Abiodun Matey Owen Francis Murphy Nefretiti Nazarine Nassar Bashir Partovi *2nd Degree: Computer Science* Priyanka Sathia Vageeswaran Fire Protection Engineering James Arthur Landmesser Jr. Stephanie L. Weimer

#### **Mechanical Engineering**

Eric Robert Zdankiewicz

Jude Aleteche Agendia Onyemobi Desta Anyiwo Esteban Echeverria Fernandez Jeannette Mercedes Emmanuelli Corey Kristopher Guthrie Melissa Anne Khan Daniel E. Kurtz Jason Kane Masri Nathan Daniel Ong Gari C. Romain David Jeffery Oluf Scherpf Jr. PHILIP MERRILL COLLEGE OF JOURNALISM

#### Bachelor of Arts

#### Journalism

Brooke Elise Gilliland \*Laura Claire Gurfein James Burton Hale Aislinn Faith Hein 2nd Major: Art History Michael Carl Jaffe Benjamin James Koconis Peter Scott Muntean Pareesha Narang Michael Wittkamp O'Neill Megan Grace Pratz 2nd Major: Psychology Benjamin Leonard Worsley

#### SCHOOL OF PUBLIC HEALTH

#### Bachelor of Science

#### **Community Health**

Rashida Ali-Mubarak 2nd Degree: Family Science Tracy Ann Dalrymple Poorti Khosla Meagan Nicole Kubisiak Angela Myra Mercier Anwulika Yvette Oputa Tanya Elizabeth Torres

#### Family Science

Rashida Ali-Mubarak 2nd Degree: Community Health Sandra L. Amaro-Malanaphy Michelle Renee Brobst Emilia Frances Casale Andrea Nicole Chase Millicent Virginia Clarkson Robert Aaron Cooper Svlvia Jacquline Costa Stephanie Janae Edmonds Chinwendu Miriam Ezeonu <sup>6</sup>Diana Olimpia Femat Maria Renee Gonzales Franklin Amadeo Herrera Michelle Monet Lambert Breanna Therese Miller Alexandra Michelle Nevel Allison Kay Perkins Martin Anthony Prebula Alexa Danielle Schachter Lauren Sara Schwartz Felipe De Jesus Urguilla

#### **Kinesiological Science**

Jason Van Brody Jerome Anthony Burney Jr. Wasit (Jimmy) Chuasiriporn Samuel Andrew English Erik Andrew Faden Emily Fu Gardner Ryan Steven Groll Tracey Louise Holman Rashad Jermaine Jones Matthew John Mericle Jed Jevon Pilgrim Matthew Dale Riddick Justin Allen Wilkins

#### UNDERGRADUATE STUDIES

#### Bachelor of Arts

Individual Studies Rebecca Anne Zorn

# DECEMBER 2010 CANDIDATES FOR UNDERGRADUATE DEGREES

#### COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

#### Bachelor of Landscape Architecture

Candace Camille Dorsey Brandon Allan Gordon Saba Hamidi \*John J. McCarthy Ruemel Sanchez Panglao Alana Kalene Sanders

#### **Bachelor of Science**

# Agricultural and Resource Economics

Bhumi Choksi 2nd Degree: Communication Patrick John Gilmore Christopher Cloyes Graham Brian Jeffrey Honore Collin Russell Jackson Daniel Edward Johannes Colin Arthur Mascuch Justin Eric Mildenstein Andrew James Montgomery Maziar Mottaghian Andrew Gerald Mulry Michael Sean O'Connell Behnaz Razavi Matthew James Schneider Henry Alexander Valvert Kirk M. Walters Alexander Darryl Warsaw Jonathan Cyril Weaver Shane Benjamin Wheeler Brandon Christopher Wylie

#### Agricultural Science and Technology

<sup>§</sup>Xiaojie Zhang 2nd Degree: Economics

#### Animal Sciences

Tricia June Campbell Meredith Cutaia Salvador Steven Del Hierro Timothy Steven Flanigan Ashley Dhawn Freeman Joanne Marie Heller Patricia J.C. King Anna Kate Morgan ®Laura Elizabeth Noe Ashley Ann Ouinn

Dietetics Colleen Abbott Andrea Lindsay Rothschild \*Shamica U. Walker

#### Environmental Science and Technology

Faaiz Ajaz Justin David Ball Jennifer Christine Campbell Shiehan Chou Carrie Duong Se Jin Lee Santiago Munoz Philip Joseph Sanfilippo Ryan D. Smith Christopher Adam Wose

#### Environmental Science and Policy

Grace Hui-chung Chang Aaron Samuel Day-Nitkin <sup>†</sup>Jessica Dyanne Drain Emily Grace Hutchins Rohey Mahtarr Jobe Rachel Devorah Krasna Truc-Mai Luu Brian Kyle McCloskey Randal Alex Mintz Yousuf Doniarooei Nejati My-Ngoc Thi Nguyen Desiree A. Simmons Jordyn Rebecca Smith Brooke Michelle Warrington 2nd Degree: English Language and Literature

Food Science Susan P. Marsh

Natural Resources Management Andrew Saizama Sailo Adrienne Victoria Squillante

#### Nutritional Science

Armineh Lida Ghazarian Sari Rachel Lelchook Courtney Lynne Shay

#### Plant Sciences

Martin Andrew Bauman Jesse Galen Chenitz Kyle Matthew Crawford Seth David DeNoble James Warren Garrett Alexandra Lee Hahn Meredith Taylor Kotelec Joshua Monroe Long Irene Yating Wang SCHOOL OF ARCHITECTURE,

#### PLANNING, AND PRESERVATION

**Bachelor of Science** 

Architecture Daniel Reuben Spilman

COLLEGE OF ARTS

#### Bachelor of Arts

#### American Studies

Kandese Danah Omani Allen Benjamin David Bain Hoi Min Chung Cecil Brian Clarke Jr. Matthew Moore Cotleur Samuel Wilson Cooper 2nd Major: English Language and Literature Eric Samuel Friedman Katherine Lynn Kookogey Stephanie Nahri Lee Robert Anthony Logan Michael A. Sesay Matthew Edward Wolfrom John Fannon Zorzi

#### Arabic Studies

<sup>+</sup>Ariel Michael Gore

#### Art History

Leah Marie Anderson Ashley Catralle Dunlap Tracy Elizabeth Estep Abigail Rebecca Hunt Rachel Lynn Kaufman Terri Trang Giang Le *2nd Major: History* Hailey Melissa Brianne McCoy Katherine Ann Steele Jessica Patrice Wunsch *2nd Degree: Journalism* 

#### Chinese

Justin Robert Modessa

#### Communication

Briana Abedi Paige Alexandra Althoff Aaron Raphael Anker Bianca Janelle Arrington Duke Joseph Banson Paula Alexandra Bartosiewicz Stephanie Lynn Bass Dianne Beltran <sup>§</sup>Katherine Frances Bianco James Tyler Bowen Denise Marie Buckley Nathaly Campusano-Aquero Roshini Chatlani 2nd Degree: Philosophy Bhumi Choksi 2nd Degree: Agricultural and Resource Economics Cara Elizabeth Cianchetta Linley Marie Cohen Mark J. Comer 2nd Major: Criminology and Criminal Justice Catherine Marie Conrad Meghan Leigh Courtney Lowell Dempsey II Jennifer DeSimone Filipe Pereira Domingues Jacob John Fedechko Anastasia Melony Fletcher Alexandra Nicole Gagne 2nd Dearee: Marketing

Drew Patrick Gloster "Jennifer Leigh Gutman Gregory Joseph Hand John Thomas Hartnett Allyson Nicole Hartten Kyle Edward Hennessy Brandon Jordan Johnson "Danielle Stephanie Kershner Christopher Kwangsuk Kim Taraneh Kossari William Constantine Lakas Olusina Temidayo Lawoyin Kenneth K. Li Jenna Ann Long Michael Anthony Lotman 2nd Major: Criminology and Criminal Justice Io.lo Man Alicia Kay Misci Samantha Morris Mocknick Hoang An Duong Nguyen 2nd Degree: Marketing Michael Joseph Peters Wipanee Rhia Pumhirun Shimon F. Raben Katherine Jane Reid Michael Shmunis Desmond John Tighe 2nd Degree: General **Business** Thuy Vi Trinh Kailen Marie Tuscano Katie Michelle VanDenEngel Andrea Stephanie Villarreal Alexa Kara Watford

2nd Major: Psychology

#### Dance

Alexandra Kate Odenwald Veronica-Marie Reyes Rico 2nd Major: Anthropology Hyun David Yi

Blayre Thompson Widener

Daniel Baruch Wiener

#### English Language and Literature

Christine Therese Abrahamian Morgan Marie Adle Paul Samuel Adler Bobbi Rochelle Anderson Colin Erik Asher Alex Delany Baca 2nd Major: American Studies Anna Balakirska 2nd Degree: Psychology 2nd Maior: Women's Studies James Alfred Balkam Alexander M. Bastow Anthony Tyrone Batts II Caitlin Nora Beaghan 2nd Major: History David Michael Bonnett Jr. Lekia Shanelle Bowman Phylicia Renae Bridges

Jihad S. Bruce Austin Dianne Bucklev Natalie Marie Cabrera Kurt Canfield 2nd Maior: Theatre Rosemary Elizabeth Colby Douglass Asa Craig III Glenn Hunter Cross III Warren Jyh-Hwa Deng \*Brandy M. Disbennett Richard Michael Dulsky Auston Mercado Edwards Joshua James Ferguson Camille Louise Frere Michael August Frymark 2nd Degree: Secondary Education-English Language Arts Peter Lyons Clifton George Jr. Jonathan Michael Gilmour Joel Sephy Gleiser 2nd Degree: Music-Liberal Arts Program Jacopo Gooch Sara Haneef 2nd Major: Secondary Education-English Language Arts Samuel Pierce Holben Kristen Leanne Holch 2nd Degree: Biological Sciences Karwolo Saye Kamei Jocelyn Brit Taliaferro Keshishian Tayne D. Kim Rachel Sloane Koval 2nd Major: Spanish Language, Literatures, and Cultures Plamen Ivanov Kovatchev 2nd Major: Art History Marco Robert Kushner Ka Eun (Rebecca) Lee Jessica Elizabeth Martin

Tayne D. Kim Tayne D. Kim Rachel Sloane Koval 2nd Major: Spanish Language, Literatures, and Cultures Plamen Ivanov Kovatchev 2nd Major: Art History Marco Robert Kushner Ka Eun (Rebecca) Lee Jessica Elizabeth Martin Wesley Alexander McMillan Jesse Simcha Mates Mencow Anthony Joseph Midziolek Caitlan Frances Mitchell Shandra Rene Montgomery Tiava Rachel Morris Alexandra Riley Morton Sarah Margaret Ozment \*Elena Stavroula Papadakos Nathalie Stephanie Peña Allison Paige Rainey Andrew James Richards \*Holly Marie Schemm Mandi Kathleen Schmitt <sup>†</sup>Adiella Cyril Stadler 2nd Major: Psychology Taryn Shae Trazkovich Jonathan Alburn Walker Emily Claire Warner Brooke Michelle Warrington 2nd Degree: Environmental Science and Policy \*Hannah S. Wenger Lauren Elizabeth Whittington Blair Justin Williams Caitlin Ann Williams 2nd Major: Secondary Education-English Language Arts Michael Logan Woolard Rebecca Jeanne Young

#### French Language and Literature

Megan Ann Didion James Leveille 2nd Degree: Mathematics Harry Cavanaugh Moran 2nd Degree: Russian Language and Literature Anuja Sudhir Oak Gregory Mark Schlein Timothy John Young 2nd Major: Government and Politics

# Germanic Studies

Zsofia Kokeny Meagan Elisabeth Nesky 2nd Degree: Economics Timothy Jon Phelps 2nd Degree: Geography

#### History

Azana B. Abraham Serena Elizabeth Alexander Daniel William Berdak Joseph Jacob Berman Aaron Roth Hirsch Bliden Rasheena Jaday Bogans John Caleb Calhoun 2nd Degree: Journalism Kelly Choona Megan Catherine Cravnon Daniel Bruce Curl Thomas Rossell Dailey 2nd Major: Secondary Education-Social Studies Maureen Louise Dunn Benjamin Nathan Engelberg Arthur Ribas Ferrer Peter Ward Fickinger Sergio G. Garcia

Gaetano Francesco Grippo Austin Eric Halota Hasani Akil Isreal Vinod Anil Kadam Samuel Millard Kugler Ariel Lampert Kenneth P. Luc Katelyn Marie Magers Matthew Isaac Marsden 2nd Major: Secondary Education-Social Studies Sharon Tiffany McManis Lauren Krista Menghrai Nicolas Alexander Minges Wesley James Murphy Nurudeen Oloyede Ogunsanya Maximilian O. Ostheller Robert Morgan Peters III Andrew Paul Pettis **Robert Landis Piper** Michael Robert Powers Jerry Robert Rencher Alexander Soumbadze 2nd Degree: Government and Politics Jessica Rene Vermeire Brian Edward Whitney William Tierney Yeatman Ryan A. Zembik

#### Italian Language and Literature Lauren Marie Venator

Lauren Marie Venato

#### Japanese

Justin Aram Choe Jaydeb David Mukherjee 2nd Degree: Biochemistry Kenisha Chanee Priester Risharda Denise Settles Armando Eusebio Torres 2nd Degree: International Business Joseph Caleb Wildsmith

#### Linguistics

Tiffany D. Boatman 2nd Major: Spanish Language, Literatures, and Cultures Edward A. Brown Slade C. Healy Timothy Michael Hilton Jason Daniel Moser Caroline Ryuko Quattlander Darren F. Samuels Hannah Elizabeth Weiss

#### **Music-Liberal Arts Program**

Courtney Elizabeth Allen Elizabeth Ann Ciavolino Chinwe Ijeoma Enu Joel Sephy Gleiser 2nd Degree: English Language and Literature Kirk Alan Kubicek Jr.

# Persian Studies

John William Benson

#### Philosophy

James Russell Allnutt 2nd Major: English Language and Literature Daniel Belav Ezra Michael Berch 2nd Degree: Computer Science Roshini Chatlani 2nd Degree: Communication Clarissa Nicole Cousar Alexander Edison Culver 2nd Degree: Biological Sciences Anjelica Bonita Dortch Sean Stuart Garwood Lucia Judith Josaphat David Jun Lee Abinmbola Ifedayo Ojo-Uyi 2nd Degree: Government and Politics Sergey Pshenichkin Yuan Tian Steven Andre Williams Jinhee Sun Yoo

# Romance Languages

Gabriela Covarrubias

#### Russian Language and Literature

Harry Cavanaugh Moran 2nd Degree: French Language and Literature

#### Spanish Language, Literatures, and Cultures

Karishma Babani Amarnani Douglas B. Friedman Camille Roseana Candelaria Garcia Vanesa Natalia Kim Christopher M. Lim Scott Joseph Malecki Crystal Janae Morgan 2nd Major; Communication Brandi Renee Newman Reginald V. Reed Jr.

#### Studio Art

Tiffany Korkor Caternor Emily Margaret Nielson Diehl Sonia Rose Elefante Jason Fung Morgan J. Green Michelle Anne Izquierdo Jason Joseph John Anna Marina Karadimas 2nd Degree: Journalism Anna Laure Kielman Earl Orrin Melvin Jr. Clifford Todd Nelson Anthony Daniel Palliparambil Jr. Neal Sunil Parikh Lucy Amanda Reedy Kelsie Lianne Reehl Elizabeth Anna Sapp Jesse Jihhune Schaffert Brian Randolph Sheets Maria Evelvn Smith Milan Penney Soukup Iliana Antonieta Umanzor James Lih-Teh Wang Kyle Andrew Williams Monet Antonece Wright 2nd Major: Communication Travis Karl Young

#### Theatre

Justin Orlando Fair 2nd Major: Studio Art Kristina Earlene Herne Peter Young Park Matthew John Reckeweg Melissa A. Reed 2nd Major: Communication Charleen Elizabeth Trimble 2nd Degree: Chemistry Jenifer Alison Wilson Sarah Anne Wright

# Women's Studies

Jessica Yamileth Campos Castro

#### Bachelor of Music

John Andrew Marcin Dennys Vieira Moura

#### Bachelor of Music Education

\*Amber Elizabeth Abbott \*Rameen Chaharbaghi Matthew David Eisenberg Meagan Leigh Gillis

#### COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

#### **Bachelor of Arts**

#### African American Studies

Dekebra Deneice Arrington Stephany Dominique Benjamin <sup>6</sup>Marci G. Deloatch William Joshua Fuller III Maurice Gregory Mayo Jr. <sup>\*</sup>Janette Geane'e Norrington Kenneth Eldorado Williams Jr.

#### Anthropology

Sarah E. Barber Doichin Petrov Denchev Sarah Cotongco Flores Christoff Laurent Funches Nour Kuzbari Amelia Elizabeth Luce Molly Elizabeth Robbins *2nd Major: History* John Edward Sanders Jr. Meagan Durkin Sheffler Shermel Borwluedae Sherman Graeson Samuel Strait Esther Alice Whitlock

# Criminology and Criminal Justice

Kevin Adebowale Akinyemi <sup>†</sup>Irina Andrei Alexander Fanny E. Alvarez Amanda Eleanor Amos Nathaniel Nana Ansah Jeffrey Ohene Asafo Adjei \*Brian Thomas Auchincloss <sup>5</sup>Alicia Clair Barbieri Michael Wesley Bauknight 2nd Major: Psychology Timothy K. Baumgardner Thomas Joseph Belleville Robert Joe Beres III Omer Zahid Bhatti Tyson Michael Bowman Keiyonna Brooks Anthony Michael Mark Broullire James Adriel Brown Tammie Coraletta Ocasio Brown Harrison Grant Brownley Andv Bui Robert Lee Butler Chun Ho Chan

Jeannie Chen Wei-Chi Chen Jon Michael Childs Linda Lee Chin Joo Kwang Choe Daniel Wonsuk Choi Jee Hong Chung Christopher Henry Clemens Eric Kehinde Cole Elena Lucia D'Alessio Jeffrey Christopher Damron Ongel Onesa Dasilva Ashleigh Marie Delaney 2nd Degree: Accounting Jessica Mercedes Diaz Eric Michael Dorcey Jonathan Khoi DuThinh Alexander John Eisold Danielle Henebry Elks Luis Miguel Marques Faria Brandon Carl Farley Travia Denise Fenrick Brandon Michael Fields Brvan William Fink George Michael Forder Gary Brian Foster II Rahil Jayprakash Gandhi <sup>†</sup>Jennifer Lynn Gardella 2nd Major: Sociology Antonio Nathan Garibay Robert Yu-Shin Gauthier 2nd Degree: Accounting Adam Dominic Giampietro Emily Louise Gillis 2nd Major: Psychology Caitlin Erin Godstrey David Andrew Gordon Erica Danila Guzman Khoi Dang Ha Beth Marie Hall Agsa Raja Hamid Adrean M. Howes Tony Cy-Kit Hui Jeremy David Inniss Yonathan Hirute-Nebyou Issaves Daniel Walker Jackson Amber Elyse Jones James Phillip Keith Andrew Lau Mildreth Julena Llanos Marco Vinicio Lopez <sup>†</sup>Michael David Magruder Cheuk Yin Mak Ebtasham Sohail Malik Brian Crawford McCov Natasha Marie McGee Lindsey Marie Memenza Julian Esteban Mora

Christine Frances Muders Michelle M. Munzer Steven Christopher Newman Nelson Tan Nguyen Olumide O. Olaloye Holly Eve Parrish Erin Nicole Peters \*Robert Wayne Puckett II **Diamond Rachael** Rawlings-Kelly Stephanie Leigh Reines Angie J. Rodriguez Shahanaz Rokonuddin Christopher Michael Rouchard 2nd Degree: Accounting Rvan C. Rout Jessica Lynn Rudisill Shadan Sadeghi Carlos Humberto Salazar <sup>6</sup>Brooke Alexandria Sales Julia R. Sanya Daniel Paul Savanick Chad Worthy Seering Jonathan Michael Shanefelter Spencer Mark Shehadeh Danielle Nicole Shervin Barbara Victoria Aundrea Small Cheryl Rebecca Smith Evan A. Smith James Torrey Smith Matthew William Snyder Brian Andrew Sohl Chi Woon Song Robert Sora Juan Anibal Sosa Iglesias Amor Neill Thupari Tracev Renee Tillette 2nd Major: Psychology Gabrielle Leah Tipton Kiet T. Tran Kwok Kan Tse Adam Crosby Turner Scott Edward Van Stone Brittani Michel Walker Shannelle Kiona Walker Jason J. Won Lee Ann Wright Daniel S. Yoon 2nd Degree: Government and Politics Philip Yu

#### Economics

Mohammed Yaser Abuzeineh Ugonna Udochi Akah Tabriz Aliyev Nicolas Nelson Aragon Violeta Arciniega Negaar Assar Justin Michael Bogdan Donald Lee Boivin III Matthew Francis Borgerson Michael Jay Bouman Joshua Kwasi Brobbey Nicholas Scott Bulka

2nd Major: Philosophy Johannes J. Cassidy-Seyoum Rafael Tavolaro Cerzosimo Alexander Jaeyoung Choi

2nd Maior: History Nicholas Choi Kathleen Chung Shalom Cooper Shane Michael Coughlin Todd Christopher Culliton Areya Dargahi Phillip Andrew DeLeonibus Vincent Edward DeRight Jeremy Scott Dillon Michael Anthony Donadio Franklin Emeni Johnny Javier Escobar Sean R. Evans Dana Fang Glenn Robert Garven Miles Cameron Glasgow Olesya Gorbunova 2nd Degree: Operations Management Brian Allan Gordon Joseph William Grimes Daniel Martin Groman Dennis R. Hernandez Yan Huang 2nd Degree: Accounting Justin Lee Humphrey \*Sobia liaz Brandon Lamar Jones Min Jung Kang Dionysios Nickolas Kattis Jr. Nikhita Kaul Griffin Thomas Keane Kyle Patrick Keenan Sean Francis Kelly Ricki Harish Kewalramani Jihye Kim David Bryan Lee Frank Calvin Li 2nd Degree: Accounting Yixin Li Chen Liang 2nd Degree: Accounting Chris Jacob Lite Hio Fong Lou Gerard Conrad Martin Yamil E. Martinez Elizaveta Maslennikov

Chetan Bharat Mehta 2nd Degree: Finance Sean Patrick Moore Jessica Erin Mutchler Meagan Elisabeth Nesky 2nd Degree: Germanic Studies Ezra Caxton Njuki Jr. Asilcan Nogaylaroglu Kevin Michael O'Leary Eric Louis Olson Harold Lee Owens III 2nd Major: Government and Politics James Dony Parsells II Daniel A. Powell Kyle H. Raab Ketan Ghanshvambhai Rathod 2nd Major: Mathematics Haris A. Rawasia 2nd Degree: Accounting Carlos Alfredo Revilla Stephane P. Romano Tyrell Carter Ross 2nd Major: Communication Mohammad Reza Sabzian Michael John Salvatico Marlow Napenas Santos Jesse David Shaw Alexander Erin Sheer Benjamin Alex Skovran Thomas Peter Soladay Ontony Soodsamai Pablo Steneri Berro Mark Daniel Surendra Harini I, Thyagarajan 2nd Major: Studio Art Christopher Xavier Torpey Gregory Shean-Long Tseng Alexander Victoria Matthew J. Videon Wei Lin Wang Howard Andrew Whitney Stephanie Marie Wood Fav Wu Christopher Yi Xiaojie Zhang 2nd Degree: Agricultural Science and Technology Fang Zhou **Government and Politics** 

# Lakisha Cherie Ames Amy M. Austin Mary Kate Bailey Jesse Ray Baldwin

Robert Edward Bernhard Samuel Arthur Warren

Maxwell Joshua Boton 2nd Maior: Secondary Education-Social Studies Marc Samuel Bowers Un Cho Kameahle Loretta Christopher 2nd Major: African American Studies Holly McDonald Clouse Nicholas John Cravotta 2nd Major: History Mai-Huynh Hao Dinh \*Julia Lea Elmaleh-Sachs Christopher Luis Galarza Arielle Marcelle Galimidi Flor De Maria Garay 2nd Degree: Sociology Laura Spencer Getty Daniel Caleb Goldstein Benjamin Dominic Russel Green Jason Henry Harlow Sara Hegazi George Ivan Hernandez Sarah Michelle Hickey Mark Wai-Cheun Hsen Stephen James Hubbard Mina Michelle Jafari 2nd Major: Persian Studies Jamie Michael Lipman Rebecca Rose Lurie Matthew Jay Mason Adela Mateikova John Stephen Mathias Jr. Alexandra Nicole Mogul 2nd Major: Criminology and Criminal Justice Behrad Nazarian Rostami Noushin Behnam Nourbakhsh Abinmbola Ifedayo Ojo-Uyi 2nd Degree: Philosophy Matthew James Peacock 2nd Major: Economics Matthew Joseph Pierorazio Sara Jennifer Rothman Robert P. Roudik Saman Saba Shervin Sakeni <sup>§</sup>Matthew Jacob Silverman Michael Wayne Sines Jr. Gaston Soler Garcia 2nd Degree: Accounting \*Michael Joseph Sopata Alexander Soumbadze 2nd Degree: History Jordan Avram Stein Erik Christian Strandguist Jessica Michelle Trado

Xinyang Wu Shahnam Yazdani 2nd Major: Economics Daniel S. Yoon 2nd Degree: Criminology and Criminal Justice Matthew Brian Young

#### Hearing and Speech Sciences

Ellen Lee Baskin Lauren Michelle Berger Thomas Wesley Bobowiec \*Jeanne Marie Borchers Megan Marie Espinosa Moonja G. Field Earl Michael Jones Jr. \*Danielle Louise Lindenger Nina Matisse Mitchell Holly Star Patterson Jill Marie Puffenbarger Erin Lynn Wagner Jin Wang

#### Psychology

Michael Robert Amrhein \*Eli Aaron Bilmes Brian Steven Birnbaum <sup>+</sup>Lindsay Michelle Brand Jessica Lorena Cedillo Amanda Lee Chase Andrew Joseph Cherenzia Jason Paul Chin <sup>+</sup> Jake Farrell Colin 2nd Degree: Supply Chain Management \* Elisabeth Regan Connell Alexander Hutchins Cronin Rosa Areli Cruz Elisa M. DeCesaris Vilma Yolanda Diaz Sheila Marie Dollard Rene Fransisco Flores Jr. Melissa Ann Fraley Rachel Elizabeth Gidez Latrice Dannielle Holt 2nd Major: Community Health Caroline Elizabeth Hubschman Corin Helene Jacoby Michael Aaron Koltz Joseph Benjamin Konigsberg Caitlin Felicia Kotkowski Victoria Erin Lavfield Mahkame Maggie Mojab Ronisha LaSchayle Momon Krista Joy Nilson Diana Raad Ashley Donielle Ray Lauren Renee Reed

Erika Monique Roberge James C. Rodgers Jr. Courtnie Ilona Rodich Clavton M. Roop Ariane Elizabeth Rosenberg <sup>†</sup>Temima Orah Rothmel 2nd Major: Criminology and Criminal Justice \*Anoosha Rouhanian Julia Telles Maciel Sampaio Sarah Rose Schwartz Charlotte Tufts Simon Rebecca Lyn Sire Michele Rebeka Stern 2nd Major: Criminology and Criminal Justice Nathan L. Stillwell Shantrez Kelawn Taylor 2nd Degree: Family Science Jennifer Lauren Usher Yefan Zhao 2nd Degree: Marketing

#### Sociology

Kojo Busher Amoako Jessica Alana Aranda Sia Matta Arque Marla S. Bonner Sophia Kim Carlton Grecia Lena Centeno Marcus Allen Charles Erica Larissa Davis Amadea Alma De Groot Alec Philip Enkiri Flor De Maria Garay 2nd Degree: Government and Politics Jessica Natalia Gonzalez Sean Jack Grav Lauren Michelle Grimes Michael C. Gutierrez 2nd Major: Criminology and Criminal Justice Leonard Alexander Hall Jr. Julia Elizabeth Hanessian Ana Janine Hernandez-Diaz Welton Eric Logan Melisa Neves Lopes "Sarah Ann Makhlouf Robert Christopher Manzo Andrew John McVev Omar Farouk Mohammed William Lemuel Mori-Ramos Rvan Michael Podstupka Stefany Hilda Salas Mary J. San Miguel-Golladay Phoebe Lauren Sheppard Victor D. Sriaui Steven Earl Swann

Jonathan L. McFaul

Lewis Todd Swartz Alexander J. Tam James L. Weisenborne Kristina Phyllis Williams Jeremy C. Wood

#### Bachelor of Science

#### Environmental Science and Policy

Steven Michael Coyle <sup>s</sup>Melissa Sue Duvall Zachary Steven Glenn *2nd Major: Geography* Joseph Martin Goggin Emily Christine Pichardo Yasmin Termeh-Zonoozi Marcus J. Wiles

#### Geography

Clement K. Aggrev Yonas Amare Joseph Alexander Ellis Kagan Ersoz Natalia Luz Figueredo Lidia Esther Flores Weishu Gong Josh L. Henkai Ryan Douglas Hollins James Kevin Logie Michael Vanator Mills Timothy Jon Phelps 2nd Degree: Germanic Studies Jonathan Charles Phills Douglas James Pickering Shelby Jordan Tibbs 2nd Major: Government and Politics Mao-Tong Wang 2nd Major: Criminology and Criminal Justice Thomas Coleman White II Charles Montgomery Wrenn III Kevin James Yanuk

#### Psychology

<sup>6</sup>Shira M. Alevy Anna Balakirska 2nd Degree: English Language and Literature Brittnie Alicia Batter <sup>6</sup>Joshua Scott Boker Sumiti Kiran Chadda Adrienne Beatrice Chavez Luana P. Habtom Samantha Florence Hatfield <sup>1</sup>Briana Michelle Lindberg Kevin Patrick McGrath

Graciela Mujica Torres 2nd Degree: Biological Sciences Leonard Yuuki Pierce Shari Michelle Pincus Hena Ahmad Shami Alexandra Christina Simpson 2nd Degree: Biological Sciences Benjamin Sidney Simmons Joseph Michael Steinmetz Evan Michael Stottlemver 2nd Degree: Mechanical Engineering Steven Carmine Tobia Amanda Kong Vithidkul 2nd Degree: Community Health David Michael Wechsler

# ROBERT H. SMITH SCHOOL OF BUSINESS

#### Bachelor of Science

#### Accounting

Kossi Domefa Adegnon Toyin Sulaimon Adesanya Wilson Ji Hun Ahn 2nd Degree: Finance Anthony Ademola Ajayi 2nd Degree: Information Systems \*Zaira Akhmedoya 2nd Degree: Finance Jason Duran Alcindor Bradlev M. Alfred Carolyn Z. Anderson Elias Asamenew Vishal Bansal 2nd Degree: Finance Tsega Befekadu 2nd Degree: Information Systems Deepa Bista Brandon Wun-Ming Chan 2nd Degree: Information Systems Kenneth L. Chang 2nd Degree: Finance \*Alon Ishai Chen 2nd Degree: Finance Hve.lin Cho 2nd Degree: Finance Meena Sundar Chockalingam 2nd Degree: Finance \*Min K. Chong 2nd Degree: Information Systems

Corev Andrew Cines Kevin Michael Cooke Jr. 2nd Degree: Information Systems Gregory Cutajar-Wynne Ashleigh Marie Delaney 2nd Degree: Criminology and Criminal Justice Alan G. Eng 2nd Degree: Finance Adam Dewey Farbman Charles Patrick Ferry Jennifer Nicole Fortini 2nd Degree: Information Systems Anthony Michael Fritche Melissa Marie Galdos 2nd Degree: Marketing Robert Yu-Shin Gauthier 2nd Degree: Criminology and Criminal Justice Britney Nicole Gerstner 2nd Degree: Information Systems \*Caroline Michelle Greif Erica Ann Han 2nd Degree: Operations Management <sup>†</sup>Patrick Allen Hollrah Shu Fen Huang 2nd Degree: Finance Yan Huang 2nd Degree: Economics Lawrence Ei-Hong Hui 2nd Degree: Marketing Shruti Elizabeth Jacob 2nd Major: Information Systems lason Jee William Howard Johnstone II Parisa Elizabeth Karimi 2nd Degree: Information Systems Niana Mi-Young Kim 2nd Degree: Finance Olga Valeryevna Kouznetsova 2nd Maior: Finance Huichih Kuan Jean Young Kwak 2nd Degree: Information Systems Frank Calvin Li 2nd Dearee: Economics Zhong Li 2nd Major: Information Systems Chen Liang 2nd Degree: Economics Shu-Uen Lin

Christina Diane Marks 2nd Degree: Marketing Alexis Appollonia McCurin Todd Richard McGrew Ivana Alexis Mejias 2nd Degree: Information Systems Belay Avele Metaferia Bhavin P. Mistry Sharnita Ashley Nelson 2nd Degree: Information Systems Catherine Eileen Newman 2nd Major: Finance \*Sheena Nvarko 2nd Degree: Finance Annalee M. O'Dell \*Mian Qin 2nd Degree: Finance <sup>†</sup>Danny Ratpojanakul 2nd Degree: Finance Haris A. Rawasia 2nd Degree: Economics \*Jack Bryan Reeves 2nd Degree: Finance Lindsay Nicole Riebel 2nd Degree: Finance Christopher Michael Rouchard 2nd Degree: Criminology and Criminal Justice Matthew Brett Sandler 2nd Degree: Finance Gregory Yves Savain Samuel Alan Scherr Steven Daniel Shav 2nd Degree: Finance Eric Robert Smith Gaston Søler Garcia 2nd Degree: Government and Politics 2nd Major: International **Business** Jacob David Stadler 2nd Degree: Information Systems Chad A. Stern Alexandra S. Sukhareva 2nd Degree: Finance Matthew Kyle Swatt <sup>†</sup>Alvson Elise Theobald 2nd Degree: Finance Nicholas M. Vega Rebekah Ruth Viekman 2nd Degree: International **Business** James B. Yoo Fang Yu 2nd Degree: Finance Monica Leigh Zaleski

#### Finance

Wilson Ji Hun Ahn 2nd Degree: Accounting \*Zaira Akhmedova 2nd Degree: Accounting Travis Kyle Baltz Vishal Bansal 2nd Degree: Accounting Kenneth L. Chang 2nd Degree: Accounting \*Alon Ishai Chen 2nd Degree: Accounting HyeJin Cho 2nd Dearee: Accounting Meena Sundar Chockalingam 2nd Degree: Accounting Daniel De Haven Drudi Derek Matthew Eichelman Alan G. Eng 2nd Degree: Accounting Christopher Evans 2nd Major: International Business Jonathan Douglas Faringer 2nd Major: Supply Chain Management Michael Anthony Giordana 2nd Major: Marketing Shu Fen Huang 2nd Degree: Accounting Raymond Jang \*Kian Javadi Namin 2nd Major: Economics Aaron David Johanson Morgan T. Key Niana Mi-Young Kim 2nd Degree: Accounting Artem Olegovich Korniyenko Michael Brennan Laibson 2nd Major: Information Systems Frank Lamicella Michael Gordon Mann Chetan Bharat Mehta 2nd Degree: Economics Sean A. Moore 2nd Major: Economics Rahguv Dev Murali 2nd Degree: Supply Chain Management \*Sheena Nyarko 2nd Degree: Accounting Se Hwan Park 2nd Degree: Supply Chain Management Michael Robert Petoia 2nd Major: Accounting \*Mian Qin 2nd Degree: Accounting

Daivan Qureshi <sup>†</sup>Danny Ratpojanakul 2nd Degree: Accounting \*Jack Bryan Reeves 2nd Degree: Accounting Lindsay Nicole Riebel 2nd Degree: Accounting Ilan Ronay 2nd Major: Economics Matthew Brett Sandler 2nd Degree: Accounting Steven Daniel Shay 2nd Degree: Accounting \*Wei Shi 2nd Major: Accounting Mark Gregory Shorr 2nd Major: Accounting Alex Danie! Smearman Alexandra S. Sukhareva 2nd Degree: Accounting <sup>†</sup>Alyson Elise Theobald 2nd Degree: Accounting Ryan Douglas Weidman Myeshia J. Workeman Michael Xu Fang Yu 2nd Degree: Accounting

#### General Business

Ellen Rose Berman Jean P. Castro Brendan Holden Santiago Reinaldo Maxwell Jr. Ji Hyon Shin 2nd Degree: Biochemistry Nathalie Stephanie Taborda Gonzalez Nicole Louise Taylor Desmond John Tighe 2nd Degree: Communication Jose Enrique Vargas

#### Information Systems

Anthony Ademola Ajayi 2nd Degree: Accounting Tsega Befekadu 2nd Degree: Accounting Brandon Wun-Ming Chan 2nd Degree: Accounting "Min K. Chong 2nd Degree: Accounting Kevin Michael Cooke Jr. 2nd Degree: Accounting Jennifer Nicole Fortini 2nd Degree: Accounting Britney Nicole Gerstner 2nd Degree: Accounting Yun Gu Kang Samantha Jeena Kapoor Parisa Elizabeth Karimi 2nd Degree: Accounting Brian D. Kennedy Sarah Jinjoo Kim 2nd Degree: Marketing Jean Young Kwak 2nd Degree: Accounting Ivana Alexis Meijas 2nd Degree: Accounting Moshe Bennie Nachum Sharnita Ashley Nelson 2nd Degree: Accounting D'Angelo E. Perrier Sehdev Sharma 2nd Major: Supply Chain Management Jacob David Stadler 2nd Degree: Accounting Stephen S. Valencia

#### International Business

Alirio Cesar Arreaza Tamayo 2nd Degree: Biological Sciences Matthew Balleza Neha Bhasin 2nd Major: Supply Chain Management Dyllis Adwoa Dwommoh 2nd Major: Supply Chain Management Evan Matthew Kline Zina Makar 2nd Major: Government and Politics Wagar Manzur Hubert Marconi Awa Sow Armando Eusebio Torres 2nd Degree: Japanese Rebekah Ruth Viekman 2nd Degree: Accounting

#### Marketing

Meryam Bouadjemi Greg Adam Bulmash 2nd Major: International Business Emily Anne Burke Nicholas Anthony Costanzo Molly Elizabeth Dreska Danielle Paige Feller Alexandra Nicole Gagne 2nd Degree: Communication Melissa Marie Galdos 2nd Degree: Accounting Lin Ling Gao

Lawrence Ei-Hong Hui 2nd Degree: Accounting Nandini Jammi Sarah Jinjoo Kim 2nd Degree: Information Systems \*Michelle Lam Shan Lin 2nd Degree: Supply Chain Management Cheryl Shang Liu Christina Diane Marks 2nd Degree: Accounting Kruti Dilip Mehta Alicia Marie Morawski 2nd Major: Operations Management Hoang An Doung Nguyen 2nd Degree: Communication Karuna Keenan Panitz Laurin Stephanie Parthemos Francis John Pirog III 2nd Major: Supply Chain Management Neha Prasad Kyla Quinn Jocelyn Michele Redmond Kevin Thomas Reese Ray Joseph Regimbal Sara Shaviq Jessica Rose Simon Armando Eusebio Torres 2nd Degree: Japanese Danielle Rachel Zeitz-Winston Yefan Zhao 2nd Degree: Psychology

## **Operations Management**

Anthony Wayne Bliss 2nd Major: Supply Chain Management Byron Mauricio Cuyun Qlesya Gorbunova 2nd Degree: Economics Erica Ann Han 2nd Degree: Accounting Emily Sarah Logue Sonam H. Majmundar 2nd Major: Philosophy Sonia Malik Nader Isam Qassim Daniel Mayer Weisberg Bilu Zhang 2nd Major: Supply Chain Management Sergiy Zubko 2nd Major: Supply Chain Management

#### Supply Chain Management

Daniel A. Ball Jr. 2nd Major: International **Business** \*Jake Farrell Colin 2nd Degree: Psychology **Tingting Cui** Patrick Joseph Hahner Andrew Wu Huang 2nd Major: Information Systems Isaac Sungwook Kim Shan Lin 2nd Degree: Marketing Ambi M Mehta Carlos J. Mendes Jr. Rahguv Dev Murali 2nd Degree: Finance Se Hwan Park 2nd Degree: Finance Allison Jaye Schulz Shawn Terrance Seiler Jonathan Andrew Stark

#### COLLEGE OF COMPUTER, MATHEMATICAL AND NATURAL SCIENCES

(CHEMICAL AND LIFE SCIENCES)

#### Bachelor of Science

Biochemistry Brian M. Bujarski Alejandra Garcia-Glaessner Tsering D. Geleg <sup>+</sup>Jefferv Tate Grav Justin Tae-Kyu Ha Glyn Stephen Hinnenkamp Jian Jiao Joan Keller Alice Tran Ku 2nd Major: Biological Sciences Laura Jing-Ying Li Javdeb David Mukherree 2nd Degree: Japanese Toan Duc Nguyen Matthew F. Nicholson Ji Hyon Shin 2nd Degree: General **Business** 

#### Biological Sciences

Kavah Abedini Naomi Adomakwaa Agyen Lawrence Etuvie Akpovi Tejas D. Amin Alirio Cesar Arreaza Tamayo 2nd Degree: International **Business** Collins Asadu-Bempah Benedicta Wirekoa Asamoah Heather Leigh Babcock Julian Carlos Bahr Konstantin V. Bakaushin Rima G. Bakhru Sarah Benyamin Christopher Charles Beresford Scott William Bergwall Amanda D. Berman Jonathan Michael Bever James Terrance Brown Theodor Michael Bukrinsky Jillienne Rose Caw Tao David Chang Sarah Ting Chen David Cheng Karthik Srinivas Cherukuri Bo Kyong Choe 2nd Maior: Secondary Education-Science Jason Adam Clements Joanne Burnette Cole <sup>®</sup>Brittney Catherine Corwin Sandra Rene Culliton Alexander Edison Culver 2nd Degree: Philosophy Spiro William Dimakas Sean Patrick Dovle Christopher Uzochukwu Esonu Jessica Patricia Fan Brittany Anne Fonfara Karen Jade Fong Steven Aaron Friedman Caitlin C. Furlong Sukhpreet Kaur Gadh Meti S. Gebregiorgis Edward Alexander Gersabeck Francisca Gomes Jessie A. Gordon Golda Grabarnik Jacquelyn Lydia Gresock Alba Lucia Guevara Shelly Gupta Harrison Robert Hammond Samuel Fixler Harris Brittany M. Hoke Kristen Leanne Holch 2nd Degree: English Language and Literature Mi Sung Hong Clement Ndzemah Jaidzeka Ahmad Jalloh Seivoun Jung Seantice R. Karimian

Rachel Hope Kirkpatrick Jacqueline Theresa Kormann Pallavi Kumar Privana Kumar Grace R. Kunkel Sarah Immanuel Lagman Michelle Dolan Lawrence Rachel M. LaMarca Thien Thanh Le Simon Jonamin Lee Timothy Taewoo Lee Scott Allen MacDougall Nisha Maheswaran Alia Hassan Mahgoub Mahta Mahmoudieh Marvin S. Maiano Anne Marie Builu Malangu Casey Christine Mason-Foley Daniel Christopher Mays Aleiandro Mendez Inara Mirzabekova Dorothy Grace Miranda Graciela Mujica Torres 2nd Degree: Psychology Senait A. Negalign Diane Ng Minhkhoi Viet Nguyen Liza Nvamokami Nvakondo Karen Orozco Leila Marie Panossian Shushanta Paudel Sharma 2nd Major: Astronomy Mary LeAnn Phillips Naemeh Pourshafie Kelly Susan Proimos Musidapa Rouzi Benjamin John Rodgers Bryan Kwamena Sackey Fatima Zahra Sammari Shabana Sayed Hye-Mee Bona Seo Charles Edward Schuster Beniamin M. Shin Alexandra Christina Simpson 2nd Dearee: Psychology \*Sheiyao Augustine Su Najia Syed Kara Leigh Tarr Sosy Tatarian Matthew Hsiao Feng Tau Bobby Mathew Thomas Matthew Robert Thomas Jameson Charles Travers Theodore Anthony Tsonis Justin Richard Waite Megan Elizabeth Watson Lauren Beth Wertheimer

Abitha William Patrick Campbell Wise Walter Robert Worley IV Ananta V.S. Yanamandra Alyson Jean Young Chemistry

Chemistry Ehab Abdeldayem Iris Cheng Byron Lamar Cole Jacquelyn Krintz Davidson Jessica Egly Patricia Lauren Keane Christopher Adam Oesterling Daniel William Redman Dennis Schloss Charles Edward Schuster Jaehee Song Charleen Elizabeth Trimble *2nd Degree: Theatre* Bolam Lily Yu

#### Environmental Science and Policy

Alexandra Elizabeth Krempasanka Maximilian Scott Pettis Kimberly J. Schubert

#### COLLEGE OF COMPUTER, MATHEMATICAL AND NATURAL SCIENCES

(COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES)

#### Bachelor of Science

#### Astronomy

William Robert Barnett 2nd Major: Physics Benjamin James Crist 2nd Degree: Physics

#### **Computer Science**

Raphael L. Baako Ezra Michael Berch 2nd Degree: Philosophy Jason Christopher Borrero Michael Richard Braun William David Campbell Anika Silvina Cartas Amit Chauhan Albert Cheng Robert Lee Coffman Bradley Scott Dmuchowski Barry Dutton Melvin Clyde Eley III Joseph Alan Elwell Ariun Goel 2nd Major: Economics David Gonzales Jeffrey Paul Gunzelman Ravhan S. Hasan Mark Jeffrey Heneks Michael Ian Jennings Kashif Magsood Khan Hyunsoo Daniel Kim Benjamin Stern Kirzhner Gregory Kenneth Kraff 2nd Major: Anthropology Gregory Kramida Jonathan William Lee Lidang Li \*Hailey Lin Justin Scott Lindsey Christopher Darren Maines Matthew Scott Mason 2nd Degree: Physics Matthew Scott Miluski Brian Timothy Morris Sebastian Beckett Murphy Meria M'Bore Muthara Elaine Grace Nacion James Allen Neuberger Kelly L. O'Neil Rohan Oswal Timothy Scott Ousborne Martin G. Petrov Nima Movafagh Rad 2nd Maior: Economics Timothy James Reynolds Megan Lindsay Riordan Jung M. Seo Nidhi Sethi 2nd Major: Economics Noorulain Siddigi <sup>§</sup>Pavneet Singh Glenn Adam Stephenson IV Andrew Brian Stoll 2nd Major: Mathematics Mostafa P. Tafaghodi Kenneth William Tossell William Chip Vaughn IV Kyle Coles Walkley

William Chip Vaughn IV William Chip Vaughn IV Kyle Coles Walkley 2nd Major: Mathematics Zijiang Yang Yinnan Zheng

# Environmental Science and Policy

Arno D. Laud Daniel Lee Liden

#### Geology

Onyinyechi Stanley Ohaka

#### Mathematics

Donald Edward Anderson Jr. Stephen Francis Bitzel 2nd Major: Computer Science Pamela Lynn Clark 2nd Degree: Secondary Education-Mathematics Karen Lisette Hillis Kiran Kannan 2nd Major: Economics Rashid Kaviani Brianne Nicole Lansinger James Leveille 2nd Degree: French Language and Literature Oianwen Li 2nd Maior: Computer Science Joshua D. McDowell Rachel Lee Morris Abhishek Murugesan Alena Pankova Smith Justin Dohee Park Jessica Marie Plazza Tevis Arthur Tsai Li Wang Katherine Nicole Whittaker 2nd Major: Secondary Education-Mathematics Daniel Patrick Williams

#### Physical Sciences

Patrick Joseph Brice Samuel Alexander Cassilly Kyle Adam Duncan Andrew David Ellis Raul Antonio Gomez Kyle Matthew Hosley Kenneth L. Kotwas Maciej Stanislaw Mirek Aaron Joseph Thorne Christopher Adam Weir

#### Physics

Arayut Amnuaysirikul Benjamin Cheng Benjamin James Crist 2nd Degree: Astronomy Matthew James Harding 2nd Major: Astronomy Joseph Cosimo Iadarola John Sangchurl Lee Matthew Scott Mason 2nd Degree: Computer Science Chetan Bharat Mehta 2nd Degree: Economics William Derek Updegraff 2nd Major: Astronomy

# COLLEGE OF

#### **Bachelor of Arts**

Art Education Jason Sims Matheny 2nd Major: Studio Art

# Secondary Education-Social Studies

Shaheen Modarressi-Yazdi 2nd Major: History

## Bachelor of Science

Early Childhood Education Rebecca Fay Hessler

#### **Elementary Education**

Amber Nia Bryant Patrice Michelle Cotman Kristen Mary Fallon Samantha Jo Phelps

Secondary Education-Mathematics Pamela Lynn Clark 2nd Degree: Mathematics

#### A. JAMES CLARK SCHOOL OF ENGINEERING

#### Bachelor of Science

Aerospace Engineering Clare Margaret McGlory Kasra Sanjari

Biological Resources Engineering Jeffrey Tong

#### **Chemical Engineering**

Natalija Djolevic Gastien Anatole Mbouna Heidy Andrea Plata Suzhong Xu

#### **Civil Engineering**

Sergio Kossi Adantor Anjuli Marie Bakhru Lauren M. Cook Brian Thomas Currier Delaney Thomas Scott Detore Jacob Dylan Epstein Kehat Lavi Falik Kathleen Elaine Galloway

Clare Louise Whittaker

Michael Allen Wilkins

William Simon Harris Thomas Eamon Herer Matthew James Higgins Brooke Alexandra Homar Charlton Leigh Kilgore Steven Paul Losin Rvan Hesser McBride Christopher Martin Mowrer Mohammed Abdul Mugtader Khiem Hoang Nguyen Yuchen Nie Samuel Reger Piland Nathaniel Gilbert Potter Timothy Neil Raimundo Kristen Samira Temple Andrew Scott Tyner Jennifer Lee Vogel Laura Rose Wachs Harrison John Ward Kevin Joseph Zinkand Jr.

#### Computer Engineering

Michael Ajit Albuquerque Akash D. Gondalia Brian David Harrison David Michael Moore James William Reickel <sup>†</sup>Nuttiiva Seekhao Neil Sikka Nicholas Randal Sovich

#### **Electrical Engineering**

<sup>§</sup>Abdulaziz Musaad Al-Turki \*Malak Abdullah Alvousef Yaovi Messan Ameh Sai Htwe Aung <sup>†</sup>Suchit Bhattarai Megan Elanor Connors Arish Doha Schquita Dorene Goodwin Suresh Harripersad Jasmine Sade Hicks Jonathan Hoang Quang Duy Huynh Serge Kamta Ellen Alena Kirillova Anthony Jospeh Lambert Robert Earl Landon Jr. Yi Wei Lee Bradford Jason Mandir \*John Francis McGahagan IV Yiiina Mena Denis Isael Morales Allegra Tecora Morse David Matthew Murray Benjamin Mandel Nehl Liliane Niapiamba Nguetsap Viet P. Nauven Divya Christine Nithianandam <sup>†</sup>Jonathan M. Oben Rita Pal Amit Rajesh Parikh Ketul V. Patel Jerome Daniel Pyuzza Naday K. Rosen Alireza Safi Hamed Semati Robert Lewis Spencer Alexander Edward Styrcula Peter Tung Mariam Whitby Benjamin Scott Winter Alan Douglas Wirth Nicole Yvette Word Huang Yan Xi Yang

#### Fire Protection Engineering

Christopher Andrew Johnson Samuel Woniin Kim Lokesh Andrew Nigam Bryan William Sammons David Francis Stacy Jacob Taylor Stevens

# Materials Science and Engineering

\*Paul Keslar Lambert

#### Mechanical Engineering

Charles Michael Bowers Jr. Robert J. Broczkowski Steven P. Callaway Andrew Allen Champion \*Yohanes Bogale Dejen \*Babak Eslami Kevin Andrew Fedarcvk Kandice Eileen Fields Daniel Rvan Florentine Ashley Rose Fowler Joel Lawrence Haan Jr. Jachimike Kelechukwu Imo Stephen Junho Kang Maxwell Lawrence Keeling James Mitchell King Desha Kisanga \*Anthony Joseph Konoza Elizabeth Catherine LeBrun Yipeng Liu Elyse Marie Loosararian \*Song Wei Li Christopher Kachung Ma Seth Donovan McBee Matthew Ryan McMahon Nicholas Michael Morris Christopher James Murphy Bang Nghia Nguyen 2nd Major: Mathematics

Stefano William Nungovitch Beniamin Thomas Pecoraro Emily Eve Reichard Jeremy St. Clair Samuels Michael Joseph Stevens Evan Michael Stottlemyer 2nd Degree: Psychology Benjamin Evan Suarez Zam Tual Yuki Watanabe Jeffrey Charles Williams

#### PHILIP MERRILL COLLEGE OF JOURNALISM

# Bachelor of Arts

Journalism

# Tomas Francisco Balino Brian G. Bradlev John Caleb Calhoun 2nd Degree: History Ryma Chikhoune Joseph Paul Frve Thomas Cory Gallagher

Kathy Augusta Gambrell Rebecca Lea Goldberg Patrick Timothy Guthrie Dong Hoon Han Samuel Edward Hedenberg Karl Andrew Herchenroeder Melissa Ann Huber Stephanie Anne Huff Keyonna Melissa Jones Anna Marina Karadimas 2nd Degree: Studio Art Michael Kibrick Katz Amanda N. Knowles Monica Rae Lara Cindy J. Lee Michael Henry Lemaire Rachel Pearl Leven Andrea Martinez Rachel Anna Pryzgoda Julie Michelle Rosa Lauren Marie Dorthea Salisbury Shauna Alana Stuart Whitney Danielle Taylor Christopher Michael Vass Eric Steven Villard Carrie Wells Jessica Patrice Wunsch 2nd Degree: Art History <sup>®</sup>Kate Elizabeth Yanchulis 2nd Major: American Studies

#### SCHOOL OF PUBLIC HEALTH

# Bachelor of Science

#### **Community Health**

Susanna A. Abdelkarim Alexis Michelle Adams Olaide Camille Aivegbusi Ini Edem Akpandak Andrea Elizabeth Anderson Lawrence Brown Anderson II Zakiva Urbi Bell \*Dahlia Michelle Benzaguen Brittni Adubia Botchway-Bradlev Raquel Monique Brown Amanda Madalyn Burton Mariela Canaviri \*Anna Elizabeth Czinn Karishma R. Dhru Samantha Jane Draper Kathleen Mary Gallagher Christine Robine Gaston Martin George Gesheff Julia Gin Alice Elizabeth Hardwick Camille Renee Haywood Khaleila Chinazom Iwuoha Shaiza Khalil Nicole Frances Rosa Lamari Daniel Seth Levy Sarah Garland Lowe Philip Yao Maglo Emily Sarah Miller Sarah Elizabeth O'Haver Olufemi Y. Ogunsola Katherine Hyo-Won Park Deepkumar Rameshbhai Patel Christine Elizabeth Plantholt Sonia Kristina Portillo Cristina Hazel Sciuto Nadege Sirri Aricia Kathleen Skidmore-Williams Geri Elizabeth Spear Lisa Nita Tran Christine A. Tsui Amanda Kong Vithidkul 2nd Degree: Psychology Kacey Kay Wood Kristina Emily Yee Catherine M. Yi

#### Family Science

Jeffrey Wayne Allen II Katie Rae Blanton Donna Dione Brown Rayann Tennessee Cummings

Rebecca Mae DeRight Maureen Rose Dowling Krizia DelMar Fernandez Katrina Ruth Giles Denise Ruth Harris Legonn Raymon Haskins Chervl Ann Ikeda Jonee Antoinette Jennifer Jasmine Marie Johnson Rachelle Victoria Johnson Marvin Alexander Jovel Talia Rose Katz Erin Elizabeth King Lindsey Ann Kisliuk Sarah Kwak Kevin Doo Hyun Kwon Anne Suk Lee Hanna Lee Joo H. Lee Suh H. Lee Suzanna Ann Leelawatnakul Philip Anthony Malcolm Envia De' Vorah Malone Lilian S. Martinez Jamari Naeem McCollough Kervn Kapri McGregor Meron Mengistu Ana Gladis Menjivar Melissa Lynn Merkle Mary Elyssa Nachimson Gabriella Oser Ashlea Aylasandra Page Jane Park <sup>s</sup>Ellen Jane Pauloski Jesenia Esmeralda Portillo Nicole Marie Powell Vanessa Marie Reves Claudia Enid Roman-Ramos Olgalidia Rosas Cartlyn Louise Rush Vincent Graham Scannelli Amanda Marie Scuderi Adam J. W. Sear Danielle Simone Shepherd Anitra Lee Stevenson Mary Jo Stolte \*Shantrez Kelawn Taylor 2nd Degree: Psychology Velva Norris Thomas Jennifer Marie Tillery LeeAnne Hoang Tran Marilena Konstantinos Tripoulas Nicole Lynn Van Dixon Joel C. Veihmeyer Simone Shanelle Vyfhuis Theodora K.C. Walker Natasha Lynn Wetzel Natalie Ella White

Alex Robert Wujciak Ashley Marie Zandy Christine Xin Zhang

#### **Kinesiological Science**

Blake Everett Adams Hanif Ahmad Abiola Aiibove Femi Adefisayo Ajimatanrareje Jr. Robel T. Assefa McTheophilus Borillo Barizo III Jason Matthew Barth Steven Lester Bell Keith Joseph Bortnick <sup>§</sup>Andrea Lyn Breon Kerinne Alexia Browne Kristin Dawn Burgess Michael P. Cator Nilesh Nitin Chopde David Cover Kalani Adria Dantley John Robert DeHenzel Callie Alisbon Douthit Robert A. Dowden Katelyn Marie Faas Kenneth L. Ferrera Meghan Carter Fitzpatrick Jason M. Friedman Dmitry Gendelman Corey Stephen Haines Brittany Nicole Hamilton -

Amanda Lynn Hart Patrick Andrew Harvey Stephanie Marie Hopkins William Emmanuel Huebner Antje Carsen Hultgren Denny Ing Idara Ekpo Inokon 2nd Major: Psychology David Abrahm Jacovsky Andrew C. Jordan Jennifer Rosemary Kearns <sup>†</sup>Lauren Kelly Steven Olalekan Kolawole Jr. Derrick Matthew Larkins Matthew Eric Lee Daniel Elias Lentscher Rui Qiang Liu Victoria Rose Liwush \*Margaret Elizabeth MacKeever Alex Charles Malandra Thomas Newton McCord Jr. William Harrison McKnight III Matthew John Mericle Jessica Leah Milliken Kevin M. Mullins Jr. Keith Adam Nicholson Natalie Rose Nigro Erin Kathleen O'Shea Erin Paterson Ordway Amarida Lynn Panuska Zachary William Peters Nicole Suzanne Peterson

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Stephen Paul Haeder

Public Health Science Gloria Hanne Chu

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Alicia Marie Chaplin Vivian Patrice Esquerre Matthew Carrington Du Wynter

#### East Asian Studies Morgan Marie Adle

Gabriella Andrea Galvez Eden Amanda Koeppel Risharda Denis Settles Mark Daniel Surendra Armando Eusebio Torres

Latin American Studies Rosa Emilia Lozano

Lesbian, Gay, Bisexual and Transgender Studies Anna Balakirska Elizabeth R. Cerezo

#### Women's Studies

Austin Dianne Buckley Margaret Lynn Dempsey Vilma Yolanda Diaz Alice Tran Ku Shandra Rene Montgomery Anisha S. Queen Saman Sab Theodora K.C. Walker Hannah S. Wenger Clare Louise Whittake

# Honors & Scholars

The University of Maryland strives to provide students with the best educational experience imaginable. Providing a wide range of enrichment and living and learning programs that cultivate intellectual excellence, it helps students realize their greatest dreams and their full potential. By working with renowned scholars and learning about the world in which they live, students are equipped with the tools to make them influential additions to the community.

#### CIVICUS

CIVICUS, an academic citation program within the College of Behavioral and Social Sciences, is centered around citizenship, leadership and community building in a diverse society, scholarship and community service learning. Associates are wearing a silver medallion on a blue ribbon.

#### COLLEGE PARK SCHOLARS

College Park Scholars is a community of 12 interdisciplinary living and learning programs for academically talented, first- and second-year students. Students who successfully complete their programs earn an academic citation. At graduation, Scholars wear a bronze medallion on a gold ribbon.

#### GLOBAL COMMUNITIES

Global Communities students, under the Office of Undergraduate Studies, earn a transcript notation of Global Competency through scholarship in the areas of intercultural communication, global issues and international research or service learning. Graduates are wearing a globe medallion on a light-blue ribbon.

#### HINMAN CEOS

Hinman CEOs, the nation's first living and learning entrepreneurship program, is a citation program placing students from all academic disciplines in a community to explore new ventures. Graduates are wearing a gold medallion on a red ribbon.

#### WRITERS' HOUSE

The Jiménez-Porter Writers' House provides a community for students with an interest in creative writing. The program is one of the few nationwide where students can focus on their creative writing production at the undergraduate level. Graduates are wearing a gold medallion.

#### THE LANGUAGE HOUSE

The Language House Immersion Program, created in 1989, gives students who are serious about language learning the opportunity for daily language and cultural immersion in an organized study environment. Graduates are wearing a bronze medallion on a red ribbon.

#### PHILIP MERRILL PRESIDENTIAL SCHOLARS

Philip Merrill Presidential Scholars were nominated by the colleges and represent the university's most successful seniors. The program also honors the university faculty member and K-12 teacher named by each student for their mentorship. Scholars are wearing red braids on their robes.

# UNIVERSITY HONORS

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

Amber Abbott Zaira Akhmedova Alirio Arreaza Rima Bakhru Aaron Bliden Tiffany Boatman Joshua Boker Lindsay Brand Andrea Breon Nicholas Bulka Rameen Chaharbaghi Grace Chang Min Chong Lauren Cook Melissa Duvall Julia Elmaleh-Sachs Alan Eng Kathleen Galloway Jennifer Gardella Britney Gerstner Joel Gleiser Jeffery Gray Patricia Keane Michelle Lam Laura Li Hailey Lin John Mathias Phylicia Nance Kelly Proimos Megan Riordan Sara Rothman Christopher Rouchard Kimberly Schubert Allison Schulz Sara Shayiq Matthew Silverman Alexandra Simpson Pavneet Singh Eric Smith Adiella Stadler Andrew Stoll Beniamin Suarez Alexandra Sukhareva Whitney Taylor Charleen Trimble Daniel Weisberg Hannah Wenger Katherine Whittaker Kate Yanchulis Monica Zaleski

#### S HONORS HUMANITIES

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AUGUST With High Honors in

Geology Brittany Anna Jenner

With Honors in

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#### Art History and Archaeology Katherine Ann Steele

**Electrical Engineering** Abdulaziz Musaad Al-Turki Malak Abdullah Alyousef Divya Christine Nithianandam

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#### CIVICUS

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#### GOLDEN KEY

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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, administration and staff for their outstanding accomplishments and contributions to the University of Maryland. We are proud to recognize these truly remarkable students.

Shira Alevy Zaira Bakhytovna Elaine Clisham Jake Colin Joseph Frye Michelle Lam Michael Lemaire Christopher Maines Robert Puckett II Jack Reeves Pavneet Singh Alyson Theobald Colin Wattleworth Kate Yanchulis Xiaojie Zhang

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Athletic Facilities Area Maintenance Carpentry Shop Electric Shop Floor Shop Housekeeping Services Landscape Services Paint Shop Sign Shop

#### With heartfelt thanks to

Dianne Barrett, Ernest Cartledge, Gregory Hughes, Terri Marcos, Debbie Pruett and Sandy Toussaint; Office of the Registrar. Also, many thanks to all of the volunteers who help to make the ceremonies run as smoothly as possible.

> COVER ILLUSTRATION: Brian Payne MANAGING EDITOR: Monette Austin Bailev PHOTOGRAPNY: John T. Consoli OESIGN: Joshua Harless PRODUCTION: Kathy Lambird

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