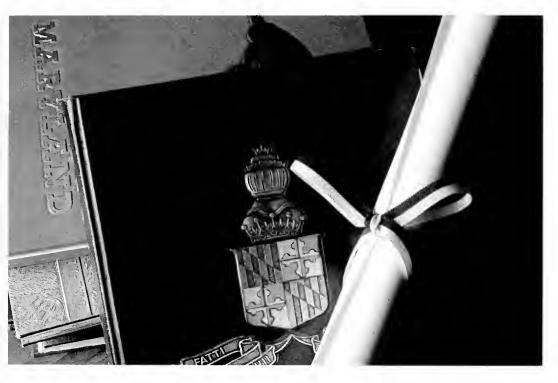
University of Maryland

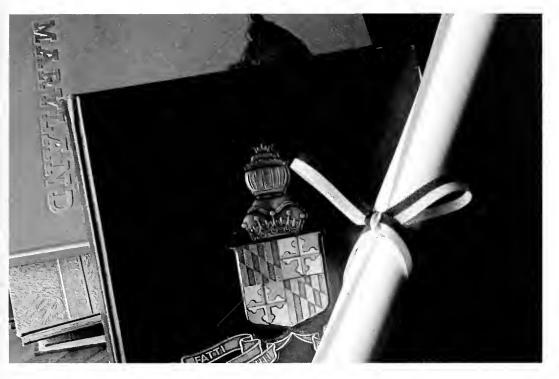


Commencement = december 19 & 20, 2007



University of Maryland Commencement • December 19 & 20, 2007

- 2 Congratulations from the President
- 3 Order of Commencement
- 4 Schedule of Events
- 5 Map of Ceremony Location
- 6 Commencement Speaker
- 7 Graduating Student Speaker
- 8 Alma Mater and Floor Seating Chart
- 9 Message from the Alumni Association
- 10 The University of Maryland
- 15 August Graduate Degrees
- 28 August Undergraduate Degrees
- 34 Candidates for December Graduate Degrees
- 49 Candidates for December Undergraduate Degrees
- 64 Honors and Scholars
- 69 Student Marshals
- 70 University Officials
- 71 Commencement Staff



University of Maryland Commencement • December 19 & 20, 2007

- 2 Congratulations from the President
- 3 Order of Commencement
- 4 Schedule of Events
- 5 Map of Ceremony Location
- 6 Commencement Speaker
- 7 Graduating Student Speaker
- 8 Alma Mater and Floor Seating Chart
- 9 Message from the Alumni Association
- 10 The University of Maryland
- 15 August Graduate Degrees
- 28 August Undergraduate Degrees
- 34 Candidates for December Graduate Degrees
- 49 Candidates for December Undergraduate Degrees
- 64 Honors and Scholars
- 69 Student Marshals
- 70 University Officials
- 71 Commencement Staff



ongratulations on your graduation from the University of Maryland! This milestone should bring great satisfaction to you, your family and friends. It is no small feat. Your feelings about your Maryland experience will blossom in the years ahead.

I am certain that your time at the university has been filled with new ideas, challenges and opportunities. You have probably discovered that the greatest learning comes from asking the right questions. The hardest questions, of course, have no "right answers," but they are the important steps toward understanding. You will find this understanding useful in your life ahead.

The University of Maryland has offered you opportunities to expand your interests and horizons. I hope that you took full advantage of them and that they have opened your eyes and many doors for you. You have made friends and found mentors who will continue to add value to your life in remarkable ways.

As you leave us, I would like you to know how much the faculty and staff respect your accomplishments as scholars, artists, athletes and leaders. You have enriched our university's life and have helped it to climb to a new level of distinction. We welcome you into the alumni family, a truly special group.

I hope that you stay connected and take full advantage of being an alum. Stay involved with us and help new generations of students develop their futures. You can do this by returning to campus often, starting with Maryland Day 2008, on April 26.

You have my very best wishes for all your future plans. We are proud of each and every one of you. Stay in touch. Go Terps!

Yours sincerely, C. D. Mote, Jr. President



December 19, 2007 • Comcast Center • 7 p.m.

Presiding Dr. C. D. Mote, Jr. President

Master of Ceremonies Mr. James N. Newton Commencement Committee

Processional University of Maryland Concert Band Dr. L. Richmond Sparks Conductor

Invocation Rev. Holly R. Ulmer, Chaplain United Campus Ministry

National Anthem Ms. Brittany Baratz

Greetings Mr. Robert L. Pevenstein University System of Maryland Board of Regents

Senior Class Gift Presentation Mr. Ryan Ples Senior Council

Remarks to the Graduates Mr. Andres Garcia Graduating Senior

Musical Selection "Welcome the Ram" Music by Zina Goldrich Lyrics by Marcy Heisler Ms. Brittany Baratz, soloist Ms. Catherine Mann, guitar Mr. Loren Westbrook-Fritts, cello Introduction of Speaker Mr. Robert L. Toll Chair, Commencement

Speaker Selection Committee

Address Tim Kurkjian Senior Writer, *ESPN The Magazine* and ESPN.com Analyst reporter ESPN TV

University of Maryland Alumni Association Induction Mr. Charles "Chip" Sollins '82 President, Maryland Alumm Association Board of Governors

Message to the Graduates Dr. Mote

Presentation of Colleges and Schools Deams

Conferring of Degrees Dr. Mote

Alma Mater Ms. Brittany Baratz

Recessional University of Maryland Concert Band Shuttle bus service will provide free transportation around campus throughout the day on Dec. 20. Guests are urged to be seated approximately one half-hour prior to the designated time for the ceremonies if they wish to observe the student and faculty processional.

Campuswide Commencement Wednesday, December 19 7:00 p.m. Comcast Center

Ceremonies held Thursday, December 20

Agriculture and Natural Resources, College of 1:00 p.m. Memorial Chapel

Arts and Humanities, College of

American Studies, Comparative Literature, English and Women's Studies 1:00 p.m. Dekelboum Concert Hall, Clarice Smith Center

Art History and Art Studio 10:00 a.m. Grand Ballroom Stamp Student Union

Classics Call Department for time and location, 301.405-2013

Communication 1:00 p.m. Ritchie Coliseum

Dance and Theatre 11:00 a.m. Kogod Theatre, Clarice Smith Performing Arts Center

Foreign Languages and Linguistics 10:00 a.m. Colony Ballroom Stamp Student Union

History and Jewish Studies 1:00 p.m. Colony Ballroom Stamp Student Union Music 1:00 p.m. Gildenhorn Recital Hall, Clarice Smith Center

Philosophy Call Department for time and location, 301.405-5689

Architecture, Planning, and Preservation, School of 10:00 a.m. Architecture Building Great Space

Behavioral and Social Sciences, College of 9:00 a.m. Comcast Center

Business, Robert H. Smith School of 1:00 p.m. Comcast Center

Chemical and Life Sciences, College of 9:00 a.m. Memorial Chapel

Computer, Mathematical and Physical Sciences, College of 10:00 a.m. Dekelboum Concert Hall, Clarice Smith Center

Education, College of 2:00 p.m. Cole Student Activities Building

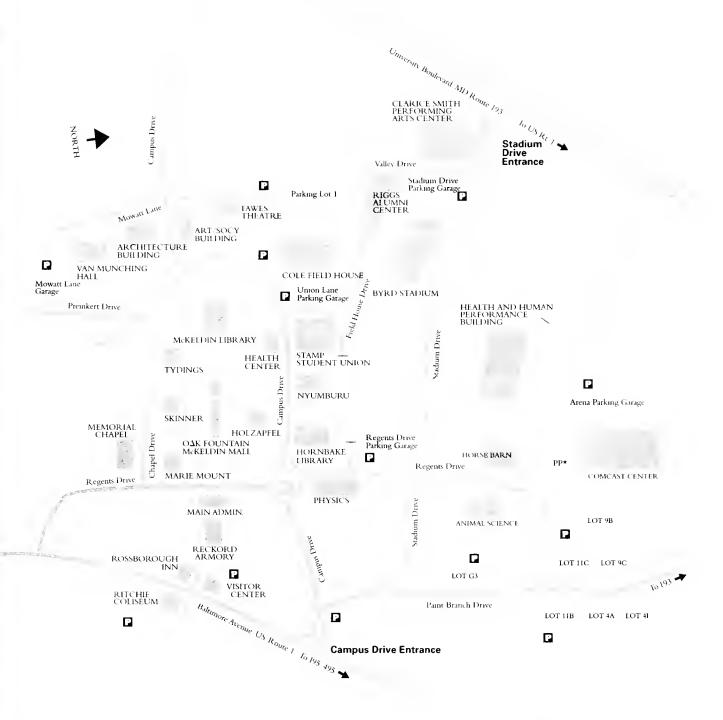
Engineering, A. James Clark School of 10:00 a.m. Cole Student Activities Building

Individual Studies 9:00 a.m. Colony Ballroom Stamp Student Union Information Studies, College of 9:00 a.m. Gildenhorn Recital Hall, Clarice Smith Center

Journalism, Philip Merrill College of 1:00 p.m. Hoff Theatre Stamp Student Union

Public Health, School of 9:00 a.m. Ritchie Coliseum







Tim Kurkjian Senior Writer, ESPN The Magazine and ESPN.com Analyst/reporter ESPN TV

im Kurkjian '78, a Phillip Merrill College of Journalism alumnus, is a baseball analyst and reporter for ESPN. Shortly after graduating, Kurkjian began his journalism career by working for the *Hashington Star*. He was with the *Baltimore News American* briefly in 1981, and then he began his 28-year career covering Major League Baseball with the *Dallas Morning News*, as the Texas Rangers beat writer from 1981 to 1985.

A year later, Kurkjian covered the Baltimore Orioles for the *Baltimore Sun*. He worked as a senior writer for *Sports Illustrated* from 1989 to 1997 and worked as a reporter for CNN/SI from 1996 to 1997. Kurkjian joined ESPN in March 1998. In addition to his work as an analyst and reporter for ESPN TV and the Emmy award-winning ESPN productions *Baseball Tonight* and *SportsCenter*, he is currently a senior writer for *ESPN The Magazine* and ESPN.com, and he frequently contributes to baseball discussions on ESPN's *Parlon the Interruption*, ESPN radio and numerous other radio baseball programs, including NPR's *Only a Game*.

Adding to his extensive background in journalism, Kurkjian has authored two books. His first, *America's Game*, was released in 2000, and his latest, *Is This a Great Game*, or What?: From A-Rod's Heart to Zim's Head—My 25 Years in Baseball, was released in May 2007. He is also a member of the Baseball Writer's Association of America, which entitles him to vote annually on the National Baseball Hall of Fame player inductions. In 2008, Kurkjian will serve on the 16-member Baseball Hall of Fame election committee to vote for manager and umpire inductions.

He grew up in Bethesda, Md., and attended Walter Johnson High School, named for the great Washington Senators pitcher, before attending the University of Maryland. He currently resides in Darnestown, Md., with his wife Kathy and two children, Kelly and Jeffrey. e came to this country just six years ago, but Andres Garcia, a government and politics major who minors in sociology, is already living his American dream. His love of learning and desire to help others is the source of his achievements as a student and undergraduate teaching assistant.

"Andres is certainly one of three best undergraduate students I have had in almost 17 years at the University of Maryland," says Vladimir Tismaneanu, professor of government and politics and director of the Center for the Study of Post-Communist Societies.

As a student, Garcia has studied East European politics, the rise and fall of Communism and new evolutionism and the power of the powerless. He wrote an in-depth paper on Vaclav Havel's philosophy of living in truth and is currently doing research on the authoritarian past of Chile and East Germany.

"Andres is a wonderful example of a young intellectual and highly cultivated student," Tismaneanu says.

Lois Vietri, public policy internship program director in the Department of Government and Politics, remarks that his academic and political sophistication put him several "cuts about the rest of his peers ... He's working for a small policy think tank and they're expecting him to behave as a young policy professional. He might even be getting published. I see a lot of leadership potential in this young man."

Had he remained in his native country of Santiago, Chile, Garcia says his future as a lawyer would have been secure but predictable. Since coming to the United States, he says he has seen endless opportunities and is already making plans for a career in academia. At Maryland, in his role as a teaching assistant, Garcia works with students to help them understand very complex issues involving politics and societies. The experience had him hooked on teaching the moment he started. Deeply committed to political change, he also thinks about returning to his home country.

"Being a teaching assistant is very fulfilling," Garcia says. "I learn from students as well because they express points of view that I may not have considered."

As if his academic success wasn't enough, Garcia is also fluent in Spanish, German and English and was named Most Valuable Player for the Montgomery College soccer team, which won a regional and state championship in 2002.



Andres Garcia

Wednesday, December 19, 2007 • Conncast Center • 7:00 p.m.

MARSHAIS AGRICULTURE ARTS & HUMANHILS BEHAVIORAL & SOCIAL SCIENCE

COMPUTER, MATH & PHYSICAL SCIE

INFORMATION STUDIES JOURNALISM PUBLIC POLICY

STAGE	
	FACULTY
	ARCHITLCTURE
	BUSINESS
ENCES	EDUCATION
SCIENCES	ENGINEERING
ES	PUBLIC HEALTH
	INDIVIDUAL STUDIES
	CHEMICAL & LIFE SCIENCES

The Winter Graduates

Candidates for degrees	
Undergraduates	1.553
Master's	646
Doctoral	379
Most popular bachelor	majors
Criminal Justice	506
Economics	352
Emance	3,30
Government & Politics	297
Psychology	261
Most popular master's j	programs
Business & Management	-447
Education-Curriculum	
& Instruction	122
Library & Information	
Services	122
Engineering	45
L-Master's Business	
Administration	91
Engineering, Electrical	69

Most popular doctor	
Engineering, Electrical	60
Physics	.37
Computer Science	35
Economics	28
Music	25
Data Source Harehouse	unent data
Office of Institutional Res	canh,
Planning and Assessment	
11.20/07	
For August 07:	
Undergraduate	598
	617
Graduate	(717

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.

Dear Graduates,

n behalf of the Maryland Alumni Association, I am thrilled to extend heartfelt congratulations upon reaching 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. We know you will hold it high, displaying your Terrapin pride for all to see.

It is my hope that in the years to come you will make the university proud by enlightening us. Shine your light on us by sharing with Alma Mater 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. Visit our Web site, www.alumni.umd.edu, to activate it.

While you are on the Web, register for the TerpNation Network, the online social and career networking tool that keeps you in touch with your university and your classmates.

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
- Terp Magazine, connecting alumni with the university

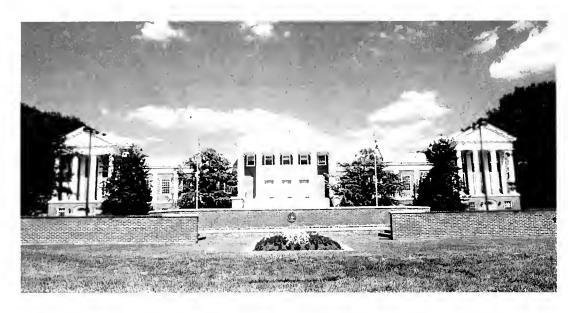
Most importantly, it demonstrates your dedication to Maryland and those who will follow in your footsteps.

Best of luck to you, and thank you for displaying your Terp Spirit as you take your place in our alumni family. We look forward to seeing you soon at the Riggs Alumni Center.

anita R. Mias Sincerely,

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





A Continuing Commitment to Excellence

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. Maryland's beautiful 1,200-acre campus is in the heart of the 1-270 research corridor that is fueling a burgeoning information technology and biotechnology industry.

The momentum of recent years has poised the university to take leadership in shaping the research university of the 21st century. By virtually every measure of quality, the University of Maryland has gained national recognition as one of the fastest rising comprehensive research institutions in the country. Maryland is one of the nation's Top 20 public national universities, and the quality of our faculty—with three Nobel laureates, seven Pulitzer Prize winners and scores of Fulbright scholars is among the finest of any research university in the United States.

There are 13 schools and colleges within the organizational structure of the University of Maryland. Seven of these units the Smith School of Business, the College of Education, the Clark School of Engineering, the Philip Merrill College of Journalism, the College of Computer, Mathematical and Physical Sciences, the College of Information Studies and the School of Public Policy have been recognized by their peers and in various rankings as among the 25 best in the nation. The breadth of this excellence is a source of pride for students, faculty and staff, and is endorsement for the university's flagship status among the state's institutions of higher education.

The university also continues to move forward in the quality of our students and the support of our faithful alumni. Freshman admission is increasingly competitive. More than 23,578 applications were received for only 3,993 spots in the Fall 2006 entering class. Once accepted students complete their academic journey, they will join a rapidly increasing family of alumni who are proud to be called Terps. Maryland Alumni Association membership has grown to more than 30,000 dues paying members since its inception in 1989.

The university's commitment to quality education in a research environment is key to its academic reputation and the success of its graduates. More than 100 centers and institutes are engaged in research and outreach. The research enterprise infuses the curriculum at both the undergraduate and graduate levels, exposing students to the most pressing issues and challenges in their discipline and training them to respond with rigor as well as creativity to contemporary problems.

Faculty at the University of Maryland, m all fields of knowledge, are engaged at the highest levels of national and international

concern. The university's location near the center of federal policymaking and international political and economic activity enables it to play an active role in research and analysis of public policy. Strong links to the scientific and technological agencies and organizations of the federal government drive research in the environment, engineering, physics, computer science, life sciences and agriculture. Scholarship in the arts, humanities and social sciences is marked by the spirit of intellectual diversity and interdisciplinary collaboration.

Maryland is one of the research universities in the prestigious 61-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.

Total sponsored research and outreach revenue for fiscal year 2006 totaled nearly \$350 milhon. These funds for research, training and outreach come from a variety of sources including the federal government, state government, corporations and foundations.

The Office of Technology Commercialization (OTC) at the University of Maryland was established in late 1986 to facilitate the transfer of information, life and physical science inventions developed at the university to business and industry. In its 21-year history, OTC has recorded more than

1,700 technologies, secured more than 325 patents and licensed more than 900 technologies, generating more than \$16.3 million in technology transfer income. OTC collaborates with university offices such as the Maryland Technology Enterprise Institute, the Technology Advancement Program, the Small Business Development Center and the Dingman Center for Entrepreneurship. These partnerships demonstrate the university's broad range of technology transfer services, R&D funding, partnering opportunities and entrepreneurial capabilities to the local community, industry and government.

History

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

Five years later, the growing institution was renamed the University of Maryland. Despite the name, the university was not considered a state institution as it was still owned and operated by faculty. Baltimore College of Dental Surgery, the first dental school in the world, became a

The University Is On the Move

Faculty Awards Abound: Along with three Nobel laureates, seven Pulitzer Prize winners, 40 members of national academies and scores of Fulbright scholars, the university boasts at least one MacArthur Fellow and several winners of presidential national medals.

Great Expectations: The university's \$1 billion fundrasing campaign, *Great Expectations*, the Campaign for Maryland, publicly kicked off in October 2006. By the time of its conclusion in 2011, the campaign will raise \$350 million for student scholarships and fellowships, a priority goal.

Going Green: Maryland planted itself at the forefront of U.S. campus sustainability issues over the past six months. President C.D. Mote, Jr., was among the academic leaders to sign the American College and University Presidents Climate Commitment. *Grist* magazine named the university a Top 15 Green College, noting that students voted to raise student fees in order to pay for clean energy. Maryland's entry in the Department of Energy's 2007 Solar Decathlon finished second to Germany's Technical University of Darmstadt. The Terrapin team of architecture and engineering students won the BP Solar People's Choice Award.

New Facilities, Greater Opportunities: Our School of Public Health, the university's first new school since 1981, will research human behavior and the social and environmental factors that are at the root of many of today's major health problems, including obesity, cancer, diabetes and cardiovascular disease. The new Bioscience Research Building will house the Pathogen Research Institute. Its 50 faculty members will work to find new ways to treat infections, new methods of tracking and predicting the spread of diseases, and even new strategies for biodefense-related public policy.

Pulling Rank: The university was ranked in the Top 20 of public research universities by U.S. News & World Report in 2007. The magazine also includes 31 of our academic programs in the Top 10 and 92 in the Top 25. The Institute of Higher Education at Shanghai's Juao Tong University ranks Maryland 37th in the world among research universities, according to a fall 2006 survey. part of the university in 1840, awarding the first Doctor of Dental Surgery (D.D.S.) degree in 1841.

In 1859, the Maryland Agricultural College, which would evolve into the University of Maryland, College Park, was opened under a charter secured by a group of Maryland planters in 1856. In addition to spending one hour each day hoeing or plowing on the college farm, students took a broad range of courses in ancient and modern languages, natural sciences, English and mathematics. After a disastrous fire on campus in 1912, the state acquired the college and rebuilt it.

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

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

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

The Alumni Association With alumni clubs from Miami to Taipei, Taiwan, the Maryland Alumni Association strives to keep and strengthen ties between the university and its graduates.

Member events such as pregame parties; bull roasts; picnics; golf tournaments; dinner cruises; and subscriptions to Terp, the University of Maryland magazine, help keep alumni connected to the university and to 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

The Maryland Alumm 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 following 51 individuals have shown the world what it means to be a Terp.

Carmen Balthrop '71

Horld-class Soprano Adisai Bodharamik '70 Ph.D. Telecommunications Tiailblazer Waldo Burnside '49 Retail King Connie Chung '60 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 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 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 John Faber '26, '28 M.S., '37 Ph.D. Legendary Coach and Distinguished Professor Charles L. Fefferman '66 Mathematician, Professor, Wumer of Field's Medal Carly Fiorina '80 M.B.A. Tiadblazing Executive Robert E. Fischell '53 M.S., '96 Honorary Doctorate Medical Technology Pioneer

Harry Clifton "Curly" Byrd '08

Legendary University

of Maryland President

Green Revolution

Robert E Chandler '34 Ph.D.

A Founding Father of the

Pulitzer Prize-winning Journalist Herbert A. Hanptman '55 Ph.D. Nobel Laureate in Chemistry lim Henson '60 Muppets Creator Steny H. Hoyer '63 U.S. Congressman Harry R. Hughes '49 Maryland Governor Carlisle H. Humelsine '37 Preservationist and Statesman Hugh Newell Jacobsen '51, '93 Honorary Doctorate World-renounced Architect Albin O. Kuhn '38, '39 M.S., '48 Ph.D. Builder of Maryland's Baltimore Campuses George J. Laurer '51 Inventor of the Universal Product Code Wilbur Monroe (Munro) Leaf '27 "Ferdinand the Bull" Author Samuel 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 Horld-renouned Chemist 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

Jon Franklin '70

Renaldo Nehemiah '81

Track and Field World Record Holder

Tom Norris '67 Congressional Medal of Honor

Recipient

Michael Ohnert '80 Ph.D. Emmy Award-winning Writer

Jane Cahill Pfeiffer '54 First Woman Chairman of the Board at NBC

Judith A. Resnik `77 Challenger Astronaut

Chun-Shan Shen '61 Ph.D. President of Tauran's Tsing-Hua University

William Woolford Skinner 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 Legislator

Evelyn Pasteur Valentine '67 M.S., '86 Ed.D.

Educator and Entrepreneur

Gary Williams '68 Championship-winning Coach Morgan Wootten '56

Basketball Hall of Fame Member

The Hall of Fame induction ceremony takes place once every five years, with the most recent group of honorees inducted in June 2005.

Customs of Commencement

Early commencement ceremonies at the University of Maryland were marked with great fanfare and celebration. The faculty gave huge banquets for the graduates the night before the event. The following morning, crowds gathered to watch the young graduates parade. It was a gala social occasion, attracting not only friends and relatives, but the fashionable ehte 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 they were standardized by the American Intercollegiate Commission in 1894. At that time it was decided that all robes would be black. Colors on the trim of the gown were also standardized to indicate the scholar's academic discipline. A list of department colors follows:

Agriculture: Maize Arts, Letters, Humanities: White Business Administration. Commercial Science: Drab Dentistry: Eilac Economics: Copper Education: Light Blue Engmeering: Orange Fine Arts, Architecture: Brown Forestry: Russet Home Economics: Maroon Iournalism: Crimson Law: Purple **Hibrary Science: Lemon** Medicine: Green Music: Pink Nursing: Apricot Oratory, Speech: Silver Gray Pharmacy: Ohve 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

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

Student Marshals

Elected through a nomination process, student marshals are senior leaders who play an important role in the graduation ceremony. Student marshals assist in organizing the thousands of graduates, leading them smoothly through the commencement procession. They also supply extra caps and hoods, and bobby pins to keep headwear secure. Fall 2007 marshals are listed on page 69 of this booklet.

Senior Gift

Since 1910, members of the graduating class have supported a senior gift designed to commemorate their college experience. Traditionally the gift serves as a contribution to the campus community that forever links alumni with the university. When you see the Testudo statue on McKeldin Mall, the clock outside of Stamp, or the Henson statue and memorial garden, you're looking at Senior Class Gifts. These, and other gifts scattered around the university, are tributes to years of hard work and to unwavering love for Alma Mater. Now, it's your turn to take part in the tradition that puts us "heads and shells above the rest."

This year's gift will be the Class of 2007-2008 Lounge. It will transform an empty corridor in the newly renovated Adele H. Stamp Student Union into a functional and aesthetically pleasing space with new furniture, artwork and flat-screen televisions. The lounge will establish a trend of maintaining the Stamp Union as a modern hub for student life.

To be a part of this 97-year tradition of philanthropy, visit www.seniors.umd.edu or call 301.314.GRAD for more information.

Academic Degrees

A degree is awarded for the successful completion of a course of study. There are more than 1,600 different academic degrees currently conferred by colleges and universities nationwide. The University of Maryland offers degrees in 130 undergraduate majors, 80 doctoral programs, 100 master's programs and one first professional degree.

The Doctor's Degree

The doctor's degree represents the most advanced earned degree conferred by American institutions. There are two distinct types: the practitioner's degree and the research degree. The first type represents advanced training for the practice of various professions, principally Doctor of Medicine, Juris Doctor, 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 ever on March 9,1841, and invented the name of the degree, Doctor of Dental Surgery (D.D.S.).

The University of Maryland conveys the Doctor of Vetermary Medicine (D.V.M.) 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, the Virginia Polytechmic Institute and State University.

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

The Master's Degree

The master's degree is an academic honor bestowed upon students who have successfully completed work beyond the baccalaureate.

A thesis and an oral examination are usually required. In 1920,the University of Maryland awarded its first Master of Arts (M.A.) and Master of Science (M.S.) degrees in fields other than agriculture.

The Bachelor's Degree

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



Doctor of Audiology

Julia S. Callahan The Benefits of Closed Captioning for Elderly Hearing Aid Users

Erin C. McAlister Investigation of Frequency Characteristics of DPOAEs Using Suppressors of Varying Banduridth and Center Frequency Presented in a Forward Masking Paradigm

Caroline M. Roberts The Impact of Rheumatoid Arthritis on Middle Ear Function

Michele L. Spencer Reliability and Test Environment of the SCAN-A with Children Ages 12-15

Doctor of Musical Arts

Victor S. Asuncion A Performance Exploration of Sonatas for Piano and Cello by L. von Beethoven

Juan M. Gendelman Unfolding: For Mixed Ensemble

Robert L. Goodner *Three Different Settings of Chamber Music Featuring Trumpet with Voice, Woodwinds, and Strings*

Jung-A Lee Agility and Fiioratura: The Foundations of Coloratura Repertoire

Heloisa D. Maibrada Musical Integration: The Stylistic Evolution of the Music of Claudto Santoro as Observed in His Works for Piano

Aldo Ragone Alexander Nikolaevich Skrjabin: From Romanticism to the Mystic Chord, The Ten Piano Sonatas and 24 Picludes, Opus 11

Chi-Ming Shui Preludes and Sonatas Inspired by Chopur

Doctor of Philosophy

Kimberly A. Adams • Psychology Racial Differences in Psychotic-like Experiences: A Study of Schizotypy in African-Americans and Caucasians

Sanaz Adl • Electrical Engineering Low Noise Pre-Amplifier Amplifier Chain for High Capacitance Sensors

Carlos Agudelo • Journalism and Public Communication To Date Thinking is to Begin Fighting: The History of Magazine Alternativa— Colombia, 1974-1980

Willie M. Aklin • Psychology Impact of Residential Substance Abuse Treatment on Affect- and Personality-Related Variables Across Inner-City Substance Abusers

Animesh Animesh • Business and Management The Impact of Online Sponsored Search Advertising on Consumer and Seller Strategies

Cara D. Appel-Silbaugh • Counseling and Personnel Services Acting Out Integrity and Honor: Student Honor Council Cultural Influence on Members' Development

Jose D. Aromi • Economics Models of Supply Function Equilibrium with Applications to the Electricity Industry

Kleio Avrithi • Civil Engineering Reliability-Based Design of Piping. Internal Pressure, Gravity, Earthquake, and Thermal Expansion

Seunghyun Baek • Curriculum and Instruction Cross-Language Transfer of Sub-Syllabic Units in the Acquisition of L2 Phonological Ausreness: Semirowel Placement Differences Between Korean and English

Han Bao • Measurement, Statistics and Evaluation Investigating Differential Item Function Amplification and Cancellation in Application of Item Response Testlet Models

Gregory V. Bard • Applied Mathematics and Scientific Computation

Algorithms for Solving Linear and Polynomial Systems of Equations Over Finite Fields With Applications to Cryptanalysis Martha A. Bari • Art History Mass Media is the Message: Yoko Ono and John Lennon's 1969 Year of Peace

Gary L. Benedetto • Economics Using Linked Employer-Employee Data to Understand Labor Markets and Improve Data Products

Edwin L. Bercaw • Psychology

A Behavioral Activation Approach to Smoking Cessation for Depressed Smokers at Veterans Affairs Medical Centers

Geoffrey D. Birky • Curriculum and Instruction Implementing Eighth Grade Mathematics Problems in Six Countries: A Secondary Analysis of the TIMSS 1999 Video Data

Sarah E. Bohn • Economics *Immigration and Wages in the U.S. Labor Market*

Linden D. Bolisay • Chemical Engineering Molecularly Imprinted Polymers for the Recognition of Tobacco Viruses

David L. Boothe • Neurosciences and Cognitive Sciences Natural Variation in Biological and Simulated Central Pattern Generators

Virginie M. Cassidy • French

Les Enjeux du Divertissement dans Les Nouvelles Francaises de Jean Regnault de Segrais

Arnab Chakraborty • Urban and Regional Planning and Design

An Experiment in Statewide Scenario Analysis: Towards an Even Smarter Growth for Maryland

Piyush Chandra • Economies

WTO Accession as Communent: Theory and Evidence from the Choice of Redistribution Policies

Jian Chen • Astronomy Spatio-Temporal Dynamics of the Magnetosphere During Geospace Storms

Li-Chiou Chen • Kinesiology The Development of Adaptive Sensorimotor Control in Infant Upright Posture

Meng Chen • Electrical Engineering Error Resilience in Heterogeneous Visual Communications

Roger B. Chen • Civil Engineering Learning and Rish Perception Mechanisms in Route Choice and Activity Scheduling Dynamics

Si Chen • Business and Management

A Study of Four Network Problems in Transportation, Telecommunications, and Supply Chain Management

Bin Cheng • Applied Mathematics and Scientific Computation Long Time Stability of Rotational Euler Dynamics

Leslie E. Chipman • Computer Science Collaborative Technology for Young Children's Outdoor Education

Tuck S. Chung • Business and Management My Mobile Music: An Adaptive Personalization System for Digital Andio Players

Wendy A. Clupper • Theatre and Performance Studies The Performance Culture of Burning Man

Charles B. Cranston • Computer Science *Issues in Visual Querying and Indexing for the Efficient Retrieval-by- Content* of Arrangements of Point Objects

Daniel A. Cronin • Communication Computer Mediated Communication and Negotiation: Effects of Media and Power on Relationship Development

Yyannu Cruz Aguayo • Policy Studies An Evaluation of Active Labor Market Policies in Developing Economies; The Mexican Case

Edward A. Dawley III • Modern French Studies Regards Francais Sun L'Amerique: De L'Entre-Deux-Guerres a la Guerre Fronde

Katherine A. De Celles • Business and Management Locked Up: Exploring the Complex Nature of Conflicting Values Systems and Their Effects on Work Attitudes

Rachel K. de Naray • Astronomy High Resolution Optical Velocity Fields of Low Surface Brightness Galaxies and the Density Profiles of Dark Matter Halos

Richard J. Deigan • Mechanical Engineering Modeling and Experimental Investigations of the Shock Response of Viscoelastic Foams

Yuliang Deng • Mechanical Engineering Carbon Fiber Electronic Interconnects

Andrew J. Dick • Mechanical Engineering

Advantageous Utilization of Noulinear Phenomena in Micro-Structures and Structures: Applications to Micro-Resonators and Atomic Force Microscopy

Bryan N. Dorland • Physics An Astrometic Analysis of eta Carinae's Eruptive History Using HST WT PC2 and ACS Observations

Anthony C. Dvarskas • Marine, Estuarine, and Environmental Sciences

The Role of Water Quality in Beach Visitation Decisions in Croatia: Implications for Development of the Tourism Industry

Yanique M. Edmond • Family Studies

Ecological Determinants of Parenting Practices Among Latin American and Caribbean Mothers of Adolescents: Findings From the New Immigrant Survey

Jason M. Edmonds • Cell Biology and Molecular Genetics

Characterization of Arabidopsis thaliana SR Protein Genes: Mutations, Alternative Splicing, and ESE Selection

Angela H. Eichelberger • Psychology Measuring Wishful Thinking: The Development and Validation of a New Scale

Christopher T. Eling • Physics Energy, Stars, and Black Holes in Eustein-Acther Theory

Jessica E. Emick • Counseling and Personnel Services

The Influence of Maternal Sensitivity and Maternal Stimulation on Later Development of Executive Functioning Via Structural Equation Modeling

David A. Evans • Economics Integrated Environmental Regulation with Multiple Pollutants and Joint Abatement: Theory and an Application to Air-Quality Management

Xin Fang • Chemical Engineering Impact of Stochasticity on Gene Regulation Networks

Tuliza K. Fleming • Art History Thomas Satterichite Noble (1835-1907): Reconstructed Rebel

Shawn M. Flower • Criminology and Criminal Justice

Predicting Success in the Montgomery County Pre-ielease Center. The Actuarial Efficacy of the Selection Suitability Scale

Nicole D. Forry • Family Studies

The Impact of Child Care Subsidies on Child Care Problems, Child Care-Related Work Disruptions, and Mothers' Desire to Switch Care

Steven D. Frank • Entomology

Consequences of Omnivory and Alternative Food Resources on the Strength of Trophic Cascades

Anthony L. Franz • Physics Dynamics and Synchronization of Nonlinear Oscillators with Time Delays: A Study with Fiber Lasers

Matthew L. Freedman • Economics Location Choice, Product Choice, and the Human Resource Practices of Finns

Elizabeth A. Freund • Government and Politics Sovereigns or Servants—Presidential Relations with Congress on Domestic and Foreign Policy

Brinda Ganesh • Electrical Engineering

Understanding and Optimizing High Speed Serial Memory System Protocols

Nadarajasundaram Ganesh • Mathematical Statistics

Small Area Estimation and Prediction Problems: Spatial Models, Bayesian Multiple Comparisons, and Robust MSE Estimation

Semen Gelman • Biology

The Mechanosensory Lateral Line System: Morphological, Physiological, and Behavioral Study in Pre- and Post-Metamorphic Lampreys

Nima Ghalichechian • Electrical Engineering

Design, Fabrication, and Characterization of a Rotary Variable-Capacitance Micromotor Supported on Microball Bearings

David R. Gillingham • Physics

Self-Consistent Simulation of Radiation and Space-Charge in High-Brightness Relativistic Electron Beams

Walid E. Gomaa • Computer Science Model Theory and Complexity Theory

Carina F. Gonzalez • Spanish Language and Literature *Virtudes de la Erraneta: Escritura Migrante Y Dispersion en Juan Rodolfo Wilcock*

Andrea J. Goodwin • Education Policy, Planning and Administration

Exploring the Relationship Between Moral Reasoning and Students' Understanding of the Honor Code at the University of Maryland

Laura S. Gordon • American Studies Field Notes from the Light: An Ethnographic Study of the Meaning and Significance of "Near-Death Experiences"

Takuya Goro • Linguistics Language-Specific Constraints on Scope Interpretation in First Language Acquisition

Hongmei Gou • Electrical Engineering Digital Forensic Techniques for Graphic Data

Jeffrey A. Greene • Human Development A Model of the Development of Epistemic and Outologic Cognition

Stephan C. Greene • Linguistics SPIN: Lexical Semantics, Tiansitivity, and the Identification of Implicit Sentiment

Max L. Grivno • History "There Slavery Cannot Dwell": Agriculture and Labor in Northern Maryland 1783-1860

Stephanie K. Grutzmacher • Family Studies Family Structure and Income Redistribution: Comparing Child Poverty Outcomes in Canada, the United Kingdom, and the United States

Gutemberg B. Guerra Filho • Computer Science A Sensory-Motor Linguistic Francework for Human Activity Understanding

Feng Guo • Computer Science Calibration and Metrology Using Still and Video Images

Alison L. Haley-Ottenbreit • Psychology What Matters Most?: The Effects of Goal Commitment on Claiming Discrimination

Margo M. Hall • Curriculum and Instruction Composing in a Second–Grade Music Class: Crossing a Watershed as Children Begin to Understand Song as Structure

Chung-Ting Han • Nutrition The Influence of Zine Status on AKT Signaling Pathway in Human Normal Prostate Epithelial Cells and Human Malignant Prostate Cells

Xiaohui Hao • Economics Infrastructure Investment and Economic Development Jeremy T. Harris • Economics

Measurement and Determination of Rules of Origin in Preferential Trade Agreements (PTAS)

Maryann M. Hartshorn • Education Policy, Planning and Administration

Listening to Adolescent Heartsongs: Phenomenological Possibilities in Teaching Writing

Shan He • Electrical Engineering A Joint Coding and Embedding Francivork for Multimedia Fingerprinting

Xinhua He • Electrical Engineering Low Phase Noise CMOS PLL Frequency Synthesizer Design and Analysis

Jeffrey W. Heath • Applied Mathematics and Scientific Computation Global Optimization of Finite Mixture Models

Kelly D. Hennessy • Counseling and Personnel Services Work-Family Balance: An Exploration of Conflict And Enrichment for Women in Traditional Occupations

Carlos P. Hipolito • Counseling and Personnel Services Internalized Racism and Ethnic Identity in Chicana/o and Latina/o College Students

Christian Hofer • Business and Management *Firm Decision Making Under Financial Distress: A Study of U.S. Air Fares and au Analysis of Inventories in U.S. Manufacturing Industries*

Kristine N. Hopfensperger • Marine, Estuarine, and Environmental Sciences Effects of Annual and Perennal Community Dynamics on Tidal Freshwater Marsh Ecosystem Functioning

David O. Horvitz • Computer Science Expressiveness of Definitions and Efficiency of Constructions in Computational Crytography

Xiaohan Hu • Economics Essays on the Role of Specific Human Capital

Hu Huang • Electrical Engineering High-Performance Epaa Design for Hierarchical Implementation of Analog and Mixed-Signal Systems **Scott A. Imberman • Economics** *Essays on the Economics of Education*

Cheng S. Ji • Family Studies Maternal Mental Health, Education, Acculturation, and Social Support as Predictors of the Parenting of Asian American and Asian Immigrant Mothers Shaju John • Aerospace Engineering

Development of a Magnetor-Heological Fluid Based Actuation System

Kevin D. Jones • Policy Studies The Dynamics of Political Protests: A Case Study of the Kyrgyz Republic

Jae-Yoon Jung • Computer Science Evolutionary Design of Artificial Neural Networks Using a Descriptive Encoding Language

Vishal Khandelwal • Electrical Engineering Variability-Aware VLSI Design Automation for Nanoscale Technologies

Soojung Kim • Library and Information Services *The Effect of Users' Work Tasks on Librarians' Database Selection*

Heather Klemick • Agricultural Economics The Economics of Fallow: Evidence From the Eastern Amazon

Chiu Y. Koo • Computer Science Studies on Fault-Tolerant Broadcast and Secure Computation

Utsav Kumar • Economics Essays on Inequality and Reforms: Evidence from India

Taesoon Kwon • Engineering Materials Evolution of Patterned and Unpatterned Surfaces During High Temperature Annealing and Plasma Etching

Melissa S. Landa • Curriculum and Instruction Crossing the Divide: A Phenomenological Study of Early Childhood Literacy Teachers Who Choose to Work with Children in High Poverty Schools

Bonne J. Leonard • Counseling and Personnel Services Integrative Learning as a Developmental Process: A Grounded Theory of College Students' Experiences in Integrative Studies

Lisa M. Leslie • Psychology Putting Differences in Context: Incorporating the Role of Status and Cooperation into Work Unit Ethnic Composition Research Angela T. Lewandowski • Chemical Engineering Assembly of Quorum Sensing Pathway Enzymes Onto Patterned Microfabricated Devices

Genzi Li • Mechanical Engineering Online and Offline Approximations for Population-Based Multi-Objective Optimization

Hong Li • Atmospheric and Oceanic Science Local Ensemble Transform Kalman Filter with Realistic Observations

Houng Li • Civil Engineering Urban Particle and Pollutant Capture via Stormwater Filter Facilities and the Concomitant Water Quality and Hydrological Benefits

Pengcheng Li • Physics Novel Transport Properties of Electron-doped Superconductors Pr2-xCexCuO4

Su Li • Physics *Phase Transitions of High-Temperature Superconductors*

Nan Liu • Electrical Engineering Capacity Results for Wireless Networks Effects of Correlation Cooperation and Interference

Yan Liu • Education Policy Constructing Civil Society in Transitional China: Case Studies of One Private University and One Non-governmental Institute for Peasant Education

Ying Liu • Civil Engineering An Integrated Optimal Control System for Emergency Eracuation

Mark A. Lopez • Education Policy Examining Dumensions of Latina/o College Student Success: An Analysis of Individual Persistence and Success

Chung-Cheng Lu • Civil Engineering Multi-Criterion Dynamic Traffic Assignment Models and Algorithms for Road Pricing Applications with Heterogeneous Users

Kazuhiro Maeshima • Government and Politics Japanese and U.S. Media Coverage of the Iraq War: A Comparative Analysis

Rayna D. Markin • Counseling and Personnel Services Application of the Social Relations Model to the Core Conflictual Relationship Theme in Group Psychotherapy: Evaluation of the Social Microcosm Theory Julian D. Mestre • Computer Science Primal-Dual Algorithms for Combinatorial Optimization Problems

Marios Michaelides • Economics Topics on Wage Differences Across Local Labor Markets

Ron A. Miller • Marine, Estuarine, and Environmental Sciences Development of Standardized Antimicrobial Susceptibility Testing Methods and Aeromonas Salmonicida Epidemiologic Cutoff Values for Antimicrobial Agents Used in Aquaculture

Zahra Mohaghegh-Ahmadabadi • Reliability Engineering On the Theoretical Foundations and Principles of Organizational Safety Risk Analysis

Nancy Morris • Criminology and Criminal Justice Social Competence and Criminal Offending Over Time

Abhishek Motayed • Electrical Engineering Gallium Nutride Nanowire-Based Electronic and Optical Devices

Candace A. Mulcahy • Special Education The Effects of a Contextualized Instructional Package on the Area and Perimeter Performance of Secondary Students with Emotional and Behavioral Disabilities

Athi N. Naganathan • Biochemistry Barrier Heights and Diffusion Coefficients in Protein Folding

 Taiga Nakamura • Computer Science

 Recurring Software Defects in High End Computing

Heidi P. Oliver-O'Gilvie • Curriculum and Instruction Excellent Teaching of Literacy in an Urban School: Including New Literacies and Youth Development

Ozgue Orhan • Government and Politics For the End Is a Limit: The Question Concerning the Environment

Chiara Orsini • Economics Essays on Informal and Formal Care for the Elderly

Emily G. Owens • Economics *Government Regulation of Illicit Behavior*

Hanhee Paik • Physics Coherence in de SQUID Phase Qubits Jessica M. Palladino • Curriculum and Instruction Exploring the Interplay Between Fifth-Grade Readers' Knowledge, Interests, and Beliefs and Their Perceptions of the Persuasiveness of Text

Zhijian Pan • Computer Science Antificial Evolution of Arbitrary Self-Replicating Cellular Automata

Sarah E. Pearlman • Economics Essays on Vidnerability, Microfinance and Entrepreneurship

Wolf T. Pecher • Marine, Estuarine, and Environmental Sciences Host Preference of Perkinsus Species: Epizootiological, Environmental and Molecular Aspects

Jeffrey K. Pegram • Education Policy Political Liberalism, Religion, and the Prophetic Tradition

Nathalia Perez Rojas • Economics Essays on the Impact of Social Interactions on Economic Outcomes

Michael D. Pfarrer • Business and Management Information in the Marketplace: Two Essays on Firm Strategies and Stakeholder Perceptions

Michael B. Pomfret • Chemistry An Investigation of Solid Oxide Fuel Cell Chemistry: A Spectroscopic Approach

Tobin E. Porterfield • Business and Management Supply Chain Strategy and the Benefits of Information Exchange

Luh A. Prasetyaningsih • Womens Studies The Maze of Gaze: The Color of Beauty in Transnational Indonesia

Sandee Pyne • Education Policy Migrating Knowledge: Schooling, Statelessness and Safety at the Thailand-Burma Border

Peng Qiu • Electrical Engineering Model-Based Genomic Proteomic Signal Processing in Cancer Diagnosis and Prediction

Kelly A. Quinn • American Studies Making Modern Homes: A History of Langston Terrace Dwellings, A New Deal Housing Program in Washington, D.C.

Rachael W. Quinn • Animal Science Effect of Weight Gam, Diet and Exercise on Insulin Sensitivity in Thoroughbred Geldings Sara B. Raley • Sociology Transmitting Advantage: Maternal Education Différences in Parental Investment Activities

Kara A. Reuter • Library and Information Services Children Selecting Books in a Library: Extending Models of Information Behavior to a Recreational Setting

Michael C. Ricci • Physics Superconducting Artificial Materials with a Negative Permittivity, A Negative Permeability, or a Negative Index of Refraction

Antonio B. Rigato • Civil Engineering Influence of AngleoOf Incidence on the Seismic Demands for Inclastic Structures Subjected to Bi-Directional Ground Motions

Carol R. Rinke • Curriculum and Instruction *Career Moves of Urban Science Teachers: Negotiating Constancy, Change, and Confirmation*

Maria I. Rodriguez Tejedo • Economics State Fiscal Institutions: An Evolution

Philip G. Roessler • Government and Politics Risking War: Regime Crises, Political Exclusion, and Induscriminate Violence in Africa

Jeremy D. Rosner • Policy Studies Reading The Public: How Members of Congress Develop Their Impressions of Public Opinion on National Security

Shashidhara G. Rudrappa • Animal Science Energy Metabolism in Developing Chicken Lymphocytes During the Embryonic to Post-hatch Transition

Johnathan R. Russ • Cell Biology and Molecular Genetics Characterization of Ribosomal Protein L2 and Analysis of Missense Codon Discrimunation in the Yeast Saccharomyces Cerevisiae

Yalin E. Sagduyu • Electrical Engineering Meduum Access Control and Network Coding for Wireless Information Flows

Michel A. Santos • Aerospace Engineering Improving the Coverage of Earth Targets by Maneuvering Satellite Constellations Binetou C. Seck • Nutrition

Supplementation Strategy and its Impact on Hematological Status in the Control of Anenna of Pregnancy in Senegal

Jonathan S. Setliff • History *The March of Tune and the American Century*

Barbara L. Shaw • American Studies (*Re)Mapping the Black Atlantic: Violence, Affect, and Subjectivity in Contemporary Caribbean Women's Migration Literature*

Hung-Bin Sheu • Counseling and Personnel Services Relation of Efficacy Behefs and Working Alliance to Psychotherapy Outcomes: A Multilevel Analysis

Arlene E. Silva • Counseling and Personnel Services A Quast-Experimental Evaluation of Reading and Special Education Outcomes for English Language Learners in Instructional Consultation Teams Schools

Stephen Simon • Government and Politics Human Rights of American Privileges?: The Supreme Court's Evolving Use of Universal Reasoning

Heisnam T. Singh • Economics Essays on Price Competition and Firm Strategies in Oligopoles

Perry D. Singleton • Economics *Three Essays in Public Finance*

Lee A. Slocum • Criminology and Criminal Justice General Strain Theory and Stability in Offending and Substance Use Over Time: A Dynamic Approach

Jon R. Sprouse • Linguistics A Program for Experimental Syntax: Finding the Relationship Between Acceptability and Grammatical Knowledge

Ram Sriharsha • Physics On String Compactifications to Two (and Three) Dimensions: Critical and Noncritical

Mary C. Stapleton • Counseling and Personnel Services The Effect of Working Alliance on Client Dropout for Persons with Disabilities in a State-Federal Vocational Rehabiliation Agency Patricia E. Steele • Education Policy The Effect of State Ment-Based Financial Aid on College Price. An Analysis of Florida Postsecondary Institutions

Aravind Sundaresan • Electrical Engineering Towards Markerless Motion Capture: Model Estimation Initialization and Tracking

Brooke L. Supple • Education Policy, Planning and Administration "Life as a Gyroscope": Creating A Grounded Theory Model for Full-Time Working Mothers in Higher Education Administration Developing and Maintaining a Fulfilling, Balanced Life

Stephen J. Swatkoski • Chemistry Integration of ASP-Specific Microwave-Accelerated Acid Hydrolysis into Proteomic Analyses

Liang Tao • Chemical Physics Vibrational Relaxation of HI: +H and Van der Waol's Resonance Dynamics

Wilson A. Tillotson • Physics Numerical Simulations of Magnetorotational Turbulence in the Laboratory

David A. Tobias • Physics 1 f Notse and Luttinger Liquid Phenomena in Carbon Nanotubes

Constant I. Tra • Agricultural Economics Evaluating The Equilibrium Welfare Impacts of the 1990 Clean Air Act Amendments in the Los Angeles Area

Adria J. Trotman • Psychology The Relationship Between Risk-Taking and Psychopathy in a Sample of Inner-City Drug Users

Kathryn E. Truman • Mathematics Analysis and Extension of Non-Commutative NTRU

Chen-Yu Tsao • Chemical Engineering Rewring Quorum Sensing Circuitry for Enhancing Recombinant Protein Production in c. Coli

Chih-Yang Tseng • Business and Management Internal Control, Enterprise Risk Management, And Firm Performance

Shih-Huang Tung • Chemical Engineering Self-Assembly of Amphiphilic Molecules in Organic Liquids

Mario G. Urdaneta Padron • Mechanical Engineering Design of a Dielectrophoretic Cell Loading Device **Brian Vant-Hull • Atmospheric and Oceanic Science** Radiative and Cloud Microphysical Effects of Forest Fire Smoke Over North America and Siberia

Victor A. Vicente • Ethnomusicology The Aesthetics of Motion in Musics for the Meedana Celal ed-Din Rumi

Guillermo J. Vuletin • Economics Essays on Capital Controls and the Informal Economy

Shawn W. Walker • Aerospace Engineering Modeling, Simulating, Aad Controlling the Fluid Dynamics of Electro- Wetting on Dielectric

Heather M. Walton • Counseling and Personnel Services The Intersection of HIV Infection with HIV/AIDS Beliefs Among African Americans

Chunling Wang • Nutrition From China to the U.S.: Nutrition, Diet and Acculturation of Chinese Employed in High-Tech Industries, Results from a Web-based Survey

Hengmao Wang • Atmospheric and Oceanic Science Inferring Radiative Fluxes from a New Generation of Satellites: Model Updates

Jinshan Wang • Chemistry Integration of ¹⁵O Labeling and Solution Isoelectric Focusing in a Shotgun Analysis of Mitochondrial Proteins

Xuezheng Wang • Mechanical Engineering Understanding Actuation Mechanisms of Conjugated Polymer Actuators: Ion Tiansport

Youjun Wang • Neurosciences and Cognitive Sciences The Pharmacology and Dynamics of the Light-Induced Calcium Signal in Limulus Ventral Photoreceptors

Dongming Wei • Applied Mathematics and Scientific Computatic *Critical Thresholds in Eulerian Dynamics*

Ricia K. Weiner • Connseling and Personnel Services *Teacher and Student Perspectives on the Inclusion and Mainstreaming of Children with Moderate and Severe Cognitive Disabilities*

Jennifer L. Weisman • Counseling and Personnel Services The Same and Different: A Grounded Theory of the Experiences of College Students Who Have a Sibling With a Developmental Disability

Shihua Wen • Mathematical Statistics

Semiparametric Cluster Detection

T'Pring Westbrook • Human Development

Pathways Between Exposure to Violence, Family Structure, Maternal Depression, Parenting Styles, and Child Outcomes: A Multi-Group Analysis

Ransom K. Winder • Computer Science The Influence of Collective Working Memory Strategies on Agent Teams

Marianna M. Yamamoto • Policy Studies OSCR Principles in Practice: Testing Their Effect on Security Through the Work

of the High Commissioner on National Minorities, 1993-2001

Sue-Ming Yang • Criminology and Criminal Justice Causal or Merely Co-Existing: A Longitudinal Study of Violence and Disorder at Places

Ai-Ru Yen • Business and Management

Mandating Disclosure of R&D Benefits and Costs to Extract Managers' Private Information: Obstacles and Practical Considerations

Yesim Yihmazel-Sahin • Curriculum and Instruction Teacher Education Students' Perceptions of Use of MS PowerPoint and the Value of Accompanying Handouts

Zhanfeng Yue • Electrical Engineering View Synthesis from Image and Video for Object Recognition Applications

Chensong Zhang • Applied Mathematics and Scientific Computation

Adaptive Finite Element Methods for Variational Inequalities: Theory and Applications in Finance

Ke Zhang • Astronomy Resonant and Secular Orbital Interactions

Ye Zhang • Economics *Essays in Labor Economics*

Tao Zheng • Geography

Mapping Photosynthetically Active Radiation (PAR) Using Multiple Remote Sensing Data

Weigang Zhong • Applied Mathematics and Scientific Computation

Entrophy Stable Approximations of Nonlinear Conservation Laws and Related Fluid Equations

Yi Zhou • Mechanical Engineering

Microfluidics Interfacing to Mass Spectrometry

Nan Zou • Civil Engineering

A Reliable Travel Time Prediction System with Sparsely Distributed Detectors



Master of Applied Anthropology

Nora M. Mueller

Master of Architecture.

Erin Alyssa Carlisle Najahyia Luna Chinchilla Jessica Lynn Leonard

Master of Arts

American Studies Mateo J. Munoz

Art History Hannah Wai Ling Wong

Counseling and Personnel Services

Jennifer Lynn Edwards Sara Haile Katherine Randon Hershey Allison Joan Nebbergall James R. Neumeister Nathan Matthew Slife Christine Yip

Criminology and Criminal Justice Ko-Hsm Hsu Chien-imn Lin

Economics Kathryn Nadine Vasilaky

Education Leadership and Policy Studies Holly Combe Beaty Monica Fuentes Lam Emery Abigail Paige Norris Elspeth Breckenridge Payne David Lowell Ring Angela Christine Shaeffer Kevin Matthew O'Neil Shindel Sandy Jean Schoeps Tennies

English Language and Literature Kevin Michael Davis Laura Viets Heninger Hill

Geography

lan McCord Craig Andrew Patrick Macatee Ritvik Sahajpal Jennifer Marie Stephens

Hearing and Speech Sciences Samantha Rose Pannone Pei-Tzu Tsai

History Dale Alan Neiburg

Human Development Education Mary Lou Kitchen Erika Rasheedya Rosemond

Kinesiology Selasi Attipoe David Edward Charbonneau Joe W. Hearn Andrew Todd Ludlow Melissa Marie Pangelinan Cory Thomas Walts

Measurement, Statistics and Evaluation Li Wang

Psychology Tana Leor Clarke Radha V. Gholkar

Women's Studies Rachel Cardor

Master of Business Administration

Adıla Abukar Maks Agamir Eduardo Maximo Aviles Jason Ronald Beers Amanda Ann Biedrzycki John David Bradshaw Ross Martin Brindle Marjoric Kathryn Brooks Mark B. Busby Robert Christopher Capuano Manish Ramesh Chhabra Himanshu Jagdish Choksi Brien Lindsay Christesen David Abraham Clayman Andrea Lynn Crawford Mahoney Christina A. Davidson Charles Frederick Gallatin Day, Jr. Rachel Ann Drown Kimberly M. Dutchess Santanu Dutt Megann Parlman Fayhee Taylor Nelson Franks Bruce Isaac Friedland Aaron Michael Gage Benjamin Fhomas Garthwaite Liang Ge Zoya Gorbunova

John Smith Greenhalgh, Jr. Gian A. Guerrero Dujarric Karan Raj Gupta Haider Haimus Cordell Rav Hansen James Conrad Heffner Karthikeyan Javavelu Sarah Elizabeth Cooper Joyce Christopher Edward Kelley Leif Alexander Kennedy Neal Jungtoon Kim Neil Edward Kotras Ivy Troymay Liu Jia Ning Liu Natalie Elizabeth Marcy Dorie Ann McGreevy Roderick Maurice McLean Thomas Anthony Messina Louis Charles Mintzer, Jr. Manaw Modi Hannah Abrams Morris Douglas Chadwick Mulvany Rosemary Pulane Ngwiri David Richard O'Toole, Jr. Zachary Michael Oleksiuk Brvan Keith Orme Ping Pan Jorge Ivan Paredes Grev Alexander Pfarr Rvan K. Rees George Bechtel Riley HI Ankur Sami Sangeeta Morand Santani Joseph Frank Schmidberger, Jr. Sarah Ann Sherwood Jun Sup Shin Jagut Raja Singh Jason Richard Stapf Douglas Alan Steele Joshua David Szebenyi Andrew Mark Tebbano

Kandyce Marie Tripp Pete E. Truby Eddie Tyner Katherine Pinder Van Den Bos Aaron Paine West Catherine Caroline Williams Michael Brett Wilson Sean Xiaoyan Wu Christian H. Waudo Wangia Wei Yang Mariana Jeolas Zand

Master of Business Administration/Master of Science Combined

Business and Management Levent Demirekler Mehmet Hondur Chu-tzu Ko Meike Reimers

Master of Community Planning

Azhar Hasan Tyabji

Master of Education

Counseling and Personnel Services

Abıgaıl Delgado Greta Suzanne Franklin

Curriculum and Instruction

Michelle Patterson Adkms Sally Alkon Kayra Zurany Alvarado Jacquelme Anne Armstead Jennifer A. Balachowski Carrie Elizabeth Black

Alexis Karyn Browsh Natalie Marie Charbonneau Charles David Codling Erin Elizabeth Conley Julie Ann Cymek Lauren Katherine Dougherty Diana Elstins Sara Catherine Foraker Daniel Joseph Gallagher Matthew Thomas Gardner Amy Catherine Golladay Zachary Gordon Casey Maureen Gremer Kendal Elizabeth Harlan Heather Marie Henderson Sarah Jane Henson Kathryn Elizabeth Heslin Rebecca Lee Hoffman Shona Jean Holmes Caroline Jean Hyatt Elizabeth A. hn Diane Jafari reshteh roudi Joseph E Jelen Steven Richard Karig Steven B. Katz William James Keav Kimberly Marie King Karen Angela Knispel Steven David Koppel Jae Woo Lee Lisa Kyung-Hi Lim Carolyn Elizabeth McGee Denise Marie Meadows Jacqueline Brindle Means Jessica Dawn Merritt Shahm Lakshman Nandwam Cathryn Buckel Nash Kerry Beth Nudelman Marcelo Talinao Odulio, Jr. Amanda Cara Olsen Leor Oxman

Korinne Naomi Panchura Laura Anne Pomerance Mary Nicole Powell Josalyn Ann Powers Tamme Cecile Rhea Jessica Leigh Hanwack Riegle Amanda Rose Roman Kunberly Jean Rudiger Peter James Schaefer Kathryn Elizabeth Seager Aaron K. Shin Sonva Elizabeth Shultz LaTonia Denise Simth Scott Edward Smith Erica Vanessa Stem Joanna Elizabeth Stelzer Michael Adam Thompson Chizoba Uchenna Nicole Udeorji Deepa Vivekanandan Avasha Nicole Ware Elisabeth Mary Wedam Kristine Willie Jessica Jooyoun Yi

Education Leadership and Policy Studies Miryam Zehava Bendicoff

Human Development Education David James Douglass

Special Education Shannon Ashley Ambush Hebra Janne Fishman Latoya Renee Gayle Juha L. Jones Sara Kathleen Kempler Kate Jean McCarthy Melissa Anne Overstreet Jessica Irene Robinson

Master of Engineering

Brian Dail Bachtel John Paul Banowetz Susan M. Bathalon Juhe V. Cordero Patrick William Finney Joseph Robert Fowler IV David Sean Hodack Christopher Medic Atul Mehta Tim Htinaung Min Veronica Otero Adedayo Olajire Oyelowo Frank Joseph Pappano Jian Mei Wu

Master of Engineering and Public Policy

Carmen Del Socorro Zapata

Master of Information Management

Nazih Ajami Dianne Patricia Babski Michiko Avantika Chand Almoustapha A. Cisse Constance Lee McGlothlin Mac-Donald Mia T. Mercer Ankit Bakul Nagarsheth Amit H. Pandey Deborah Kay Wallace

Master of Journalism

Aliza Devora Krichevsky

Master of Library Science

Karma Michal Ardrey Laura Lea Bartlett Melanie Lynn Thompson Brevis Timothy D. Clarke Kathryn Noel Dailey Charles Steven Douglas Beth Ann Drucker Amanda Marie Feigley Amy McGehee FitzGerald Joy Marie Foust Anne Catrine Goska Amber Joy Hashinger Anuradha Kasarabada Rachel Lillian Kassman Carrie Dawn Murphy Kausch David L. Keifer Heather Noelle Leonard Lindsey Ann Loeper Ellen Johanna Loll Joseph Michael Neumann Shannon Samantha O'Connell Kyla Marie O'Hata Erin Elizabeth Peretti Rebecca Rice Anthony Gordon Ross Ann Marie Sabag Heather Slama Lauren Stanchfield Wright Samuel Tobin Wright

Master of Life Sciences

Elizabeth Boston Chesnutt Alison Kristin Faitchin Steve Wayne Lacombe Jeffrey Marc Mathieu Eric Jonathan Mindrebo Jennifer Laura Roland Patricia Smith Scronce Melissa Ann Wessel

Master of Public Health

James Allan Freeman

Master of Public Management

Benigno Alarcon-Deza Dwayne Anthony Aydlett Matthew W. Barthel Tyrone Alan Dindal Michael L. Gunn Megan S. Lynch Kristin A. Martinsen

Master of Public Policy

Russell Lee Conklin Rafael Andres Villa

Master of Science

Aerospace Engineering Ehzabeth Ann Benson Smita Bhadra Brooke Teresa Buchholz Peter Andrew Pusey Copp Ryan Damel Eubank Brandon Kurt Fuchett Ryan Ehzabeth Fuzgerald Jared Andrew Grauer Kristi Marie Kleinhesselink Agnieszka Anna Koscielniak Chaitanya Mudivarthi John Richard Mularski HI David Thomas Pinson, Jr. Kenneth David Running H Nicholas Anthony Scott Emily Minwai Tai Fimothy Andrew Wasserman

Agricultural and Resource Economics Juan Feng Beat Hintermann Michael Hugh Taylor Yabei Zhang

Animal Sciences Sandra Beth Kirsch

Applied Mathematics and Scientific Computation Hatshepsitu S. H. Full Xm Zhao

Atmospheric and Oceanic Science Anthony C. Santorelli

Biological Resources Engineering Laura Marie Schumann

Biology Diane Lee Miller Jean-Francois Louis Savard

Business and Management

Sana Arousse Lamia Ben Salah Ridha Besbes Fakhreddine Bousnina Amel Bouzguenda Sadri El-euch Chiheb Escheikh Hatem Frikha Amira Gouta Mohamed Walid Helal Ismail Jemal Rim Laarit Carol Karming Miu Yassine Mzid Yadh Sabbagh Ali Safarnejad Amel Saidane Dagmar Spantzel Sofiene Tinar Sami Tounsi Farouk Zouari

Cell Biology and Molecular Genetics Erikka Lynnette Carr Melba Lucia Munoz Roldan

Chemical Engineering

Daphne Anne Fuentevilla Christina Kenny Giblin Rebecca Melissa Lennen

Chemical Physics Steven Craig Stutts

Chemistry Brittany Katherine McClure Juliet Znovena

Civil Engineering Wei-Chen Cheng Ryan Christopher Davis Gregor Neil Louis Erin Elizabeth Mahoney Matthew Charles Mulbrandon Daniel John Muller Karthik Ravirajan Dorianne Elizabeth Shivers Kunal Narenkumar Suthar Sophia L. Williams

Computer Science Vivek Sehgal

Electrical Engineering

Hsm-Che Chiang Guang Han He Huang Esau Nderitu Kanyogoro Michael Tawfik Khbeis Eunni Kim Austin Howard Lanham Xue Mei Puduru Viswanadha Reddy Gavin Eric Rosenbush Sankalita Saha Yadong Shang James Patrick Wienke Chao Wu Yang Yu

Entomology

Akito Yuji Kawahara Jeffrey Sosa-Calvo

Family Studies Marni Beth Duitch

Fire Protection Engineering

Walid K. Alabdulhadi Alan J. Kouchinsky Andrew William Neviackas Nicholas Edward Ozog Ning Ren Jennifer Lynn Wiley

Geology Michael James Mengason

Marine, Estuarine and Environmental Sciences Todd Michael Beser Nicole Porter Harlan Elizabeth Johannah Kerin Carolyn Ann Klocker

Mechanical Engineering Chris Joseph Bachmann Joseph Anthony Currano Aaron Joseph Johnson Philip Leland Knowles Dennis D. Leber Timothy Walter McMillin David Christopher Morgan Silas Carl Nesson Brian Adam Tuchband

Natural Resource Sciences Meredith Kate Bilek Lisa Anne Gruver

Physics Jianhao Chen Bora Sul

Psychology Sarah Ruth Halcrow Tracy Darlene Tomlinson

Survey Methodology Stephanie Lynn Costo Rachel Ann Edgington Cong Ye

Sustainable Development and Conservation Biology

Maria-Elena Gutierrez Herazo Christine Renee Hodgdon Jean Fanfan Jourdain Wendel Scott Landes Marco Rojas Sajal Ratna Sthapit Aleta Sara Wiley Tamara Leah Withers **Systems Engineering** Rowin Warin Andruscavage

Telecommunications Nelson Natividad Galimba Abhishta Anil Paranjpe Liji Samuel

Graduate Certificates

Computational Harmonic Analysis Ryan Bensussan Harvey

Engineering Michael Wen-Tseng Liu David Ralph Redding Martin Mingen Tsai

Gerontology-Doctoral Elizabeth Marie Hagovsky Intelligence Analysis Carlos Manuel Rodriguez-Flores

Jewish Studies Miryam Zehava Bendicoff

Urban Design Erin Alyssa Carlisle Jessica Lynn Leonard

Certificates

Latin American Studies Rachel Karen La Russo

Women's Studies Christina Marie Anders Jillian Quinn Buckley Linda Beth Heymsfield



A. James Clark School of Engineering

Bachelor of Science

Aerospace Engineering *David Daniel Billingsley Eric J. Dwyer Aaron Joseph Friedman

Biological Resources Engineering Jennifer Jean Lamos

Chemical Engineering Golnaz Khorsha

Civil Engineering Vimal M. Amin Kevin O'Brien Bur *Nicholas Alston Harris

Computer Engineering Christopher James Wasko, Jr.

Electrical Engineering

Babatunde A. Adeyemo James Nelson Carter, Jr. Neal C. Castillo Robin Nicole Chambers Jianzi Chen Evan G. Cohen Susitha Hemakumara De Silva Jayaratne Timothy Stuart Elhott Mario Pierre Lafertte *Jacob Stuart Suffler 2nd Degree: Mathematics Brian Nguyen Tran Edward Kenyon Wells Fire Protection Engineering Alexander Martin Bobowiec Andrew John Major Alayna N. Pearson

Materials Science and Engineering Michael Luis Figueroa

Mechanical Engineering

Thomas George Beekhuysen Damel Vincent Caputo Allen Chan Boaz De-Medonsa Nikhil Gangaraju Morris Keith Gentles David Louis Lemus Ya-Hsing Peter Lin Mehssa Anne Moore Sandra Alyda Roach Adam Lee Rutherford David Christopher Schanuel Alexander R. Truesdale Perry James E.Wilson, Jr. Ethan Howard Zweig

College of Agriculture and Natural Resources

Bachelor of Science

Agricultural and Resource Economics Chris Alan Huebner Bradley James Richmond

Animal Sciences †Melanie Anne Benetato Marie Annette Betancourt Julie Elizabeth Davis Lauren Nicole Schick **Dietetics** Preety Rajbhandari Anna A. Rozanova

Food Science Sean Thomas Hart

Natural Resource Sciences Pedro Miguel Mayorga-Jeffs

Natural Resources Management Joshua Joseph Tiralla

College of Arts and Humanities

Bachelor of Arts

American Studies Darya Arman Damon Christopher Curry Sean Patrick Fabel Erin Kathleen Harvey Brandon Elon Hughes Christina Marie Sees Oscar Manuel Trejo Tania Anne Welker

Art History

Emma Anne Goldberg 2nd Major: History Caroline J. Kmi Lindsay Rachel Smilow 2nd Major: Studio Art

Central European, Russian and Eurasian Studies Monica Josephine Einnan Benjamin Weldon Classical Languages and Literatures Claire Marie Hanson

Communication

Brian Lee Albanese Justin Charles Bakewell Mariana Barrientos Roig Maria Suzanne Broschart Megan Christine Cardullo lan Jeffrey Cruse Heather Lee Doll Zivva Devora Feifel Bridgette Nickole Ferrell Ryan Kennedy Fraser Erinn Frances Grzech Myra Christine Chmacosa Hernandez Tahj Jarod Holden Pasha M.L. Irshad Aaron Ismail Jackson Stephanie Kiman Setareh Kowkabi Alexis Rachel Levine Amreth Daniel Long Kelly Ann MacWhinnie Bryant Maxwell McGee Curtresse Leneen Pettaway Viktoriya Plotas Joshua S. Schultz Daniel Ernest Seger Batool A. Shaikh Daniel J. Waldo Wayne Anthony Randolph Watts Matthew H. Weiss Donald A. Wong, Jr. 2nd Major: Cruninology and Crimmal Justice Kyle Paul Zgraggen

Dance

Shannon Marie Brauner Sara June Mahnowski

English Language and Literature

Robert Keym Ackerman 2nd Degree: Government and Politics Rashid Ahmed Anwar Margaret Lee Barott Jillian Quinn Buckley Matthew Alejandro Castillo 2nd Degree: Government and Politics Gina S. Crosse Henrique Dion D'Aquino Steven Ross Fowler Maria Auxiliadora Garcia Samuel Peter Goering 2nd Major: Philosophy Grant Laurence Goodman 2nd Major: Secondary Education-English Language Arts Kenneth Joseph Greco Asha Shantee Hunter Matthew Christopher Jenkins Aaron Randal Kleffman 2nd Degree: Secondary Education-English Language Arts A. Stewart Loftin Rohan Mahadevan Mehreen Sarah Mansur Erik Vincent Pecukonis Annette M. Ryburn Nicole Paige Schreibstem Lillian Bess Schwartz Stefanie Lynn Squires Alison Kyle Wickline

History

Christina Marie Anders 2nd Maior: Government and Politics Alexandra Melrose Blogier Peter A. Brock II Thomas Joseph Curley Joseph Otts Denson, Jr. Gregory Thomas Ellis Katherine Christina Guise Mary Grace Hicks Elisa Sun Kun Glenn Alan LaPierre Haran P. Levenberg Thomas Comer Lewis Nicholas Patrick Menikheim Robert Jeffrey Michlewicz Javier Andres Molina lessica Marie Munroe Jason Neuringer James Poisal Nicholas William Pugh Erin Elizabeth Richards Chrystal Shavonne Williams

Italian Language and Literature

Orsolya Ferenczy 2nd Major: Sociology

Japanese

Sang Un Shin Christine Marie Yenowine

Linguistics

Paul Cyril Hines

Philosophy

Jonathan Michael Black Kevin Michael Bryant Paul Nikolaus Frank Pierce Christopher Murphy 2nd Degree: Journalism Rebecca Marie Spigelmire Phillip John Torres

Romance Languages

Rachel Karen La Russo Estefania Andrea Menendez Rodriguez

Spanish Language and Literature

Erin Elizabeth Baldwin Juan Alfredo Carranza Antomo Cuarto Elera, Jr. Alexandra R. Gonzalez Amie Jennifer Hernandez Grace Marie Marrero Megan Dwyer Mehler Peter Benjamin Miller Sierra Brooke Mitchell

Studio Art

Melame Lee Bene Sarah Ann Bregel Alexander Logan Bryan William Matthew Currence Robin Mary Hudspeth Prosha Karen Korangy Nam Tran Nguyen Brian Todd Young

Theatre

Kevin I. Alexander Jessica Rachel Baum Oren Yri Benamor David Warren Fair

Bachelor of Music Education

Nicholas Scott Merson

College of Behavioral and Social Sciences

Bachelor of Arts

African American Studies Courtney Anna Hinton

Anthropology

Deborah Bekele Stephame Nicole Duensing Christian William Mash 2nd Major: Government and Politics Miles Radio Tyler Pell Paula Katharina Rylands

Criminology and Criminal Justice

Rvan Christopher Allen Lauren Samantha Austin Lee Bermanis David Matthew Berry Brandon Dijan Botchway Auguste Trahie Boti Gore William Loring Bowers, Jr. Sean Kerry Brannon Matthew Deichsel Brant Nicole Cecilia Marie Breshn-Romano 2nd Major: Psychology Shellev Marie Brett Daniel Dubarry Calloway III Adrian Ventura Castro Jeffrey Edward Bauer Clark Ryan Christopher Diller 2nd Major: Government and Politics

Leanne Dinverno **Keym** Thomas Doherty Iori Anne Duke Adam Jeffrey Eaton Iristan Kane Edmondson Marc Elhot Fechter Christopher Armead Feifs Ross Blake Fierman Sandra Laure Fonkoua Christina Elisabeth Foster Alexandra Gissen 2nd Major: Psychology Victor Glouchkov David Patrick Goggin Chiara Tattiana Goluskin David Stuart Greenblatt Arthur Gzirvan Amanda Lee Hanscom Craig Andrew Harris Justin Dennis Holden Kristin R. Hosseinzadeh Ogheneruemu Florence Suste Huggins Thomas John Hurley Peter Lewis Johncox Thomas Elliott Johncox Alonzo William Johnson, Jr. Melvetta Y. Kargbo Elizabeth Kyong Hee Kun Emerson Sun-Hyuk Kun Na-Young Kim Erik Alexander Knapp Liana Beth Knight Maurice Reginald Koo Elizabeth Anne Levitt Christina Ann McGrath May P Monahan Alberto Baldamero Moreno II Mariel Latrese Morris John A. Pagnanella, Jr. Jane Park

Sebastian Andrzej Patyk Sean Andre Peters Hasan Ahmed Oureshi Patrick Gerard Reilly Elaina Elias Rizakos Scott L. Roberie 2nd Major Economics Kinaberly Reme Sauls Omarr A. Savage Spencer E Schehr Andrew Cleveland Sheppard Joshua Michael Sink Andrew Jae-Ho Song Melisa Soto Gonzalez Nicholas Donald Stuart Stephanie Anne Swartz Patricia Ann Tierney Jay Tucker Weatherston 2nd Major: Spanish Language and Literature Nicholas Christopher Weikel Daniel James Winter Megan Marie Wise Tyler James Witman Rachel Michele Yerkes

Economics

Bebonchu Atems Ahmed Ah Baig Aaron Bola Balogun Scott Charles Bird Ling-Chun Chiang Ahmed Qammar-uz-Zaman Chowdhry Robert Thomas Chuako Geoffrey Stewart Clasper, Jr. John Anderson Coughlan Ryan Christopher Coughlan 2nd Major: Government and Politics Rodney Tyrone Dalton

Drew R. Frantz Joshua Phillip Friedman Natahe Helene Fulton Christine Elizabeth Gedling Zev Jonathon Geller Patrick Michael Gibbons Adam Seth Goldstein Adam Michael Graf Robert MacKenzie Greenfield Robert E. Harmon Farshad Homayoun Paul Edward Horan, Jr. Kristen Loren Beltran Iglesias Nemanja Jovanović David Michael Jump Ihita Ahmed Kabir Christopher Patrick Keelan Philip Kern Gulbet Kiros Christian Francis Konan Kaley Virgima-Ealeker Jaevoon Lee Keith Raymond Long Asseged Major Meghan McDonald Richard Antoine Melverii Michael Raymond Mintz Daniel Movtady Neda Nadımabadi Altu Buhari Oyofo Arı Ozcelik 2nd Major: Government and Politics Aja Arlyse Page Marcus J. Palmer 2nd Major: African American Studies Armando Panguene Gale Park Gregory Parkins

Chioma Michelle Eze-Wachuku

Jacob R. Perler George Fotios Prassas Dena Lauren Rollman Tyler Joseph Ryan Omar Sait Daniel Ryan Sater 2nd Major: Criminology and Criminal Justice Charles Joseph Schultz Anna Shakhbekyan Jeremy Ray Tam 2nd Degree: Journalism John Michael Tamoria Nicholas Paul Tanis 2nd Major: Criminology and Criminal Justice Marilyne Florence Youbi Jonathan Charles Zapata Samuel Yohannes Zere LuoYan Zhou 2ud Degree: Computer Science

Government and Politics

Robert Kevin Ackerman 2ud Degree: English Language and Literature Gregory L. Arbogast Isabela Del Carmen Azucena 2nd Major: Criminology and Criminal Justice Rachael Marie Brown Matthew Alejandro Castillo 2nd Degree: English Language and Literature Odysseus Chairetakis Mark Jeffrey Cullip, Jr. Sana M. Dm 2nd Degree: International Business Nicole Y. Dupont Devin Hayes Ellis

Jenny Liset Gomez Brian Matthew Holler Jennifer Meghan Guzman Hosey Jacqueline Itohan Zuoke Iloh Mila Ashely Johns Nina Yasmine Koffi Claire Nicole Lehman Alexander Geoffrey Lessin Michael Thomas Levender, Jr. Kenneth D. Liffiton Gregory Scott Markle Juliet Wanpru Muriuki Jason Michael Puckett 2nd Major: Economics Saafir Abdul Rabb H Gabriela Ivania Ramirez *Melanie Kate Share Christopher Kevin Smith 2nd Major: Economics Jennifer Kangmi Suh Iordan Rebecca Swam 2nd Major: Economics Shannon Lyn Talbert William Kirk Theodore II Emmanuel Bernard Thompson Emily Suzanne Tunchalk Philip J. Velez Richard Dennis Weitkamp 2nd Degree: Secondary Education-Social Studies Maria Yakovlev 2nd Major: Economics

Meghan Kelly Forbes

Psychology

Sam Azargoon Sara Jahan Baig Amanda Joy Begay 2nd Major: Criminology and Criminal Justice Rachel Lyn Gelling Linda Beth Heymsfield Elizabeth Ann Hum Kimberly Ann Johnson Noelle Suzanne Jones Sugath Wijesinghe Karunaratne Mitchell A. Kumm Jaclyn Nicole McCallister Amanda Mary McGregor Brent Lee Miller Cardin Mary Spencer Emily Ann Stein Phyllis Nana Pebi Timpo Vanessa Zarou

Sociology

Kyoung Whan Choe Brian Curley Michael Curley 2nd Major: Criminology and Criminal Justice Ian Christopher Hall-Hough Leshe Ann Heil Jeff Sidney Marseille Alexandra Jane Mom Josephine Ochem 2nd Degree: Family Studies Martha Anne Whistler Tessa Marie Zawalick 2nd Major: Criminology and Criminal Justice

Bachelor of Science

Environmental Science and Policy Joseph Michael Perloff

Geography

Emmanuel Konstantine Diakoulas Christian Diana Dulin Joshua Scott Ferguson Eric Lamar Hines Grant Thomas Jones Bruno Daniel Neto Anish Dilip Arwindekar 2nd Degree: Finance Andrew Richard Bouis 2nd Degree: Computer Science Christopher Robert Cooper *Elizabeth Rosamond Foley 2nd Major: Criminology and Criminal Justice Jesse David Fox Justin Desmond Hagen Amanda Joy Kilbane Sukhmani Matharu Mark J. Robinson Bridget Anne Taylor

Psychology

College of Chemical and Life Sciences

Bachelor of Science

Biochemistry Diana Bitenas Michael E. Federman Hosein Kafimosavi

Biological Sciences

Hamzah Ibrahim Abu-Ragheb Victoria Folulope Adetobi-Folawiyu Andre Anthony Allen Lana Elkhatib Katherine Denisse Giron Dawn Barie Goldsmith Melissa Gonzalez Mong-Shu Ho Katherine Alicyn Hosie Sharon Gabriel Jhingory Amelia Caroline Louise Mackenzie Jacques Alexander Nakkash Stan David Nova Niray Atul Patel Ravi Sattiraju Prasad Derek John Tatum Kimberly Ban Tech John Austin Chin Wah J-Ting Conme Wang

Chemistry

Colm Gerard Agatisa-Boyle Irwin Zachary Benzel Christine Euna Cho

College of Computer, Mathematical and Physical Sciences

Bachelor of Science

Computer Science

Andrew Richard Bouis 2nd Degree: Psychology †Daozheng Chen Derrick Nana-Egyir Hayford Ah Iqudus Jorge Enrique Murillo, Jr. Abegail Joy P. Olarte Robert Thomas Scout Matthew Albert Silverman Panupan Sriautharawong Damel Addam Webber Shawn Christopher Williams LuoYan Zhou 2nd Degree: Economics

Geology

Krystle Ann Behrns Robert Benjamin Thomas David Kurt Weinstein

Mathematics

Gregory James Arthur Sara M. Chung Jame Lara Horton Meaghy Donovan Lang Ting I m Sameer Haritkumar Pandya Khashayar Parsay Jordan Andrew Patterson Danielle Lynise Ross Misbah Sadat Chun-Che Shih Jacob Stuart Stifler *2nd Degree: Electrical Engineering* *Ophira Vishkim

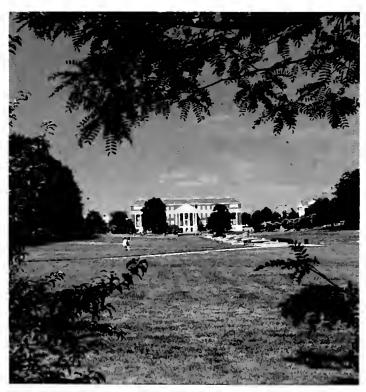
Physics

Emmanuel A. Cephas, Jr. Girish Joshi Jonathan Maher

College of Education

Bachelor of Arts

Art Education Polly Joanna Foley 2nd Major: Studio Art Secondary Education-English Language Arts Aaron Randal Kleffman 2nd Degree: English Language and Literature Chontelle Jenee Matthews 2nd Major: English Language and Literature Carly Ghekson Schoenstadt 2nd Major: English Language and Literature



Secondary Education-Social Studies Diana Patricia Alvarado 2nd Major: History Benjamin David Bohrer 2nd Major: History Alex Michael Bryer 2nd Major: History James Henry McVey IV Richard Dennis Weitkamp 2nd Degree: Government and Politics

Bachelor of Science

Early Childhood Education Anna Nicole Davis

Elementary Education

Sarah Jane Brown Lauren Marie DiPirro Tabitha Rae Hemby Kevin R. Jennings, Jr. Aryeh Alejandro Levy Jennifer Vallie Norris Munachiso Claris Onuoha Shamera Nicole Wilkins

Special Education Christine Marie Gavin Becky Gruetzmacher Lamie Ann Smith

Philip Merrill College of Journalism

Bachelor of Arts

Journalism Jonathan Richard Aicher Meagan Elizabeth Bond 2nd Major: Government and Politics Laura Rose Callahan Sarah Beth Clark Alexandra Brittany Datt Pierce Christopher Murphy 2nd Degree: Philosophy Karen Elyse Salermi Amanda Jill Swartz Jeremy Ray Tam 2nd Degree: Economics Stephen James Whyno

School of Architecture, Planning, and Preservation

Bachelor of Science

Architecture

Cynthia Shau-Yee Cheung-Wong Lindsey Rose Dickes Chad Edward Fisk Hina Hameed Artur Marques Kalil Jennifer Anne Kilpatrick Benjamin Thomas King Xim Liao Shurid Rahman Elizabeth Alexandra Vetue

School of Public Health

Bachelor of Science

Community Health Natasha Alexandra Glotnis Fatuna Doussou Koroma

Family Studies Tina AnnMarie Aramburu Vidya Balu Joanna Cangiano Bałz Kenneth Patrick Beaver Kellee Nicole Bowers Julia Megan Boyles Auntris Greshawn Braxton Carla A. Coelho Katherine Besdin Doolittle Rebecca Lynne Feuerstein Jonathan Mitchell Gordon, Jr. Holly Nicole Hall Lauren M. Krasko Alexandra M. Mancebo Tiffany Jeau Murphy Nasondra Naomi Nixon Josephine Ochem

2nd Degree: Sociology Lindsey Anne Quirk Christina Marie Smith Nina Rachel Tello Sharon Lolita Vanzego

Kinesiological Science

Tiffany Elaine Harlan Ama Ihim Kevin Gary Kraus Kennedy Keri Lee Lounge Rima M. Łuhar Dane Patrick Lynch Narges Mohammadi Gregg Frederick Morgan, Jr. *Lindsey Polubinski Philip Preston Salyer, Jr. Masha Senic Andrew Kennedy Skipton Joseph K. Ssemanda Carrie Mehssa Thieman Joseph Franklin Thomas

Robert H. Smith School of Business

Bachelor of Science

Accounting

Lindsay Amanda Brandinger 2nd Degree: International Business William Alexander Candido 2nd Degree: Finance Saeed Elahi Jessica Lee Hudson David M. Jacobs Daniellah Meirah Klein Rasan Amintha Majuwane Kankanamge Zachary Strauss Maltzman Shahin Rahimzadeh Rahmani 2nd Degree: International Busiliess Jennifer Ann Schlosser 2nd Degree: Finance Prithyi Sriniyasamohan 2nd Degree: Finance Mai Thanh Tran Emanuel Tsegave

Finance

Henrietta Aifah Anish Dilip Arwindekar 2nd Degree: Psychology Simran Singh Aulakh Wilham Alexander Candido 2nd Degree: Accounting Jeffrey Wei Chan 2nd Major: Logistics, Transportation and Supply Chain Management Eugene Chung 2nd Major: International Business Adam Nicholas Cook Brian John Corbett 2nd Major: International Business Paul H Egh

David Patrick Feliciano Loveness Guzha Travis Daniel Holmes Mark George Mackey John Bjorn Nelson Jordan Michael Owings 2nd Major: Logistics, Transportation and Supply Chain Management Madhavi Patel 2nd Major: Logistics, Transportation and Supply Chain Management Jennifer Ann Schlosser 2nd Degree: Accounting Frank Shiau 2nd Major: Accounting Elizabeth Carol Sivels Joshua A. Smith Prithyi Sriniyasamohan 2nd Degree: Accounting Brandon James Williams 2nd Major: International Business Keynn Zhan

General Business

David Michael Baker Gautam Gupta Gerald William Heller, Jr. Margaret Elena Metz Information Systems Jay D. Amin Stephen Michael Causey Geetesh Kapoor

International Business

Lindsay Amanda Brandinger 2nd Degree: Accounting Sana M. Din 2nd Degree: Government and Politics David S. Ghoneim Robert W. Motta, Jr. Alon Siegfried Pichler Shahin Rahimzadeh Rahmani 2nd Degree: Accounting

Logistics, Transportation and Supply Chain Management Robert Mason Howard Pinson

Marketing

Thomas John Austin Theresa Marie Cocchiaro Timothy Graham Daniel Rudolf-Victor de Leon Dinglas Jenna Elizabeth Gurtshaw 2nd Major: Logistics, Transportation and Supply Chain Management Robert J. Ibe 2nd Major: Logistics, Transportation and Supply Chain Management Jennifer B. Kirstein Jennifer S. Kwoun Robert Vincent Marino Michael Payum Naghdiyand Kunal Sharma Jade Ashleigh Steele Miriam Devora Whitehill Robert Michael Zichelli, Jr.

Undergraduate Studies

Bachelor of Arts

Individual Studies †Shira Tamar Schwartzberg

Bachelor of Science

Individual Studies Michael Calabretta

Doctor of Musical Arts

James A. Dewire Imbalance, Purification, Integration Three Phases of Brahms as Seen Through a Selection of His Piano Works

Byoungho Han A Surrey of Russian Works Written Between the Late Nineteenth and Twentieth Centuries

Minah Kang The Music of Sergey Rachmanniov (1873-1943): A Survey from His Three Compositional Periods

Yi-Hsin Lin Whole and Complete: Cyclical Forms and Single Movements in the Violin Repertore

Kristina M. Lobenhofer Stylistic Change and Polities as a Basis for Performance Interpretation in the Piano Works of Shostakovich

Sheng-Tsung Wang Expected and Unexpected Musical Manifestations of the First and Second World Wars

Doctor of Philosophy

Helma G. de Vries • Government and Politics Insiders and Outsiders, Clobal Social Movements, Party Politics, and Democracy in Europe and North America

Shawna L. Acker-Ball • Education Policy, Planning and Administration

A Case Study of the Influence of Family on First-Generation College Students' Educational Aspirations Post High School

Virginia Adams • Art History

Illusion and Disillusionnent in the Works of Jeff Wall and Gerhard Richter: Picturing (Post)Modern Lafe

Jung-Chul An • Engineering Materials

Synthesis Characterization and Kinetic Studies of Jourzing Radiation Induced Intra- and Inter-Crosslinked Poly(Vinly Pyriolidone) Nanohydrogels Isaak Aronson • Education Policy Negotiating the Terrain of High-Stakes Accountability in Science Teaching

Asgar M. Asgarov • History Reporting from the Frontlines of the First Cold War: American Diplomatic Dispatches about the Internal Conditions in the Soriet Union, 1917–1933

Mohammadreza Azarkhail • Reliability Engineering Agent Autonomy Approach to Physics-Based Rehability Modeling of Structures and Mechanical Systems

Eden M. Badertscher • Curriculum and Instruction An Inquiry into Relationships with Mathematics: How Identities and Personal Ways of Knowing Mediate and Respond to Mathematics Content Experiences

Seung-Jong Baek • Electrical Engineering Synchronization in Chaotic Systems: Coupling of Chaotic Maps, Data Assimilation and Weather Forecasting

Danielle M. Balduff • Natural Resource Sciences Pedegenesis Inventory and Unitzation of Subaqueous Soils in Chincoteague Bay, Maryland

Abigail R. Bardi • English Language and Literature The Gypsy as Tiope in Victorian and Modern British Literature

Rosemary A. Bauer • Animal Science Priming with Oral Progestin Before Ovulation Induction Facilitates Ovarian Function in the Cat (Felis Catus)

Samuel E. Bish • Cell Biology and Molecular Genetics Mechanisms Utilized by Neisseria Gonorihoeae to Persist in the Human Cervical Epithelium: Signahug, Invasion, Intracellular Survival, and Escape

Laura W. Brenneman • Astronomy A Spectral Survey of Black Hole Spin in Active Galactic Nuclei

Leslie A. Brice • Art History Non La, We Here: Remembrance and Power in the Arts of Haitian Vodou

Allison P. Brovey • English Language and Literature Assessing the Scholarly Value of Online Texts

Mardi S. Byerly • Neurosciences and Cognitive Sciences Identification of Novel Mechanisms in the Hypothalanus Linked to Adiposity

Do-Jun Byun • Computer Science

Congestion Control in Satellite Networks

Benedetta Camarota • Physics Towards Shot-Noise Limited Detention of a Single-Electron Transistor

Ingrid A. Cartwright • Art History Hoe Schilder Hoe Wilder: Dissolute Self-Portnats in Seventeenth-Century Dutch and Flemish Art

Nicholas L. Chapman • Astronomy Dust Structure and Composition Within Molecular Clouds and Cores

Kim E. Charmatz • Curriculum and Instruction

A Case Study of the Development of Environmental Action Projects from the Framework of Participatory Action Research Within Two Middle School Classrooms

Po-Hsin Chen • Electrical Engineering Analysis and Design of High-speed A D Converters in SiGe Technology

Wei-Yen Chen • Electrical Engineering Benzocyclobutene Microring Resonators

Anupam Choubey • Mechanical Engineering

Microstructural Changes Under Isothermal Aging and Then Influence on Thermal Fatigue Rehability for Tin-Lead And Free Solder Joints Including Microstructural Changes Under Isothermal Aging in Mixed Solder Joints

Min-Tun Chuang • Curriculum and Instruction

Cross-Language Transfer: The Strategic Reading Process of Eighth-Grade Taiwanese Readers in Chunese and in English within a Self-Regulated Learning Framework

Boo Y. Chung • Civil Engineering

An Analysis of Success and Failure Factors for ERP Systems in Engineering and Construction Firms

Bani H. Cipriano • Chemical Engineering Structure and Properties of Nanocomposites Containing Anisotropic Nanoparticles

Joshua A. Clough • Aerospace Engineering Integrated Propulsion and Power Modeling for Bunodal Nuclear Thermal Rockets

Matthew T. Cornick • Physics Problems in Spatiotemporal Chaos Holly M. Costar • Counseling and Personnel Services Creating Persuasive Health Messages: Consideration of Future Consequences and Intention to Pursue Vacunation Against Human Papillomarinus

Johnathan S. Coursey • Mechanical Engineering Enhancement of Spray Cooling Heat Transfer Using Extended Surfaces and Nanothirds

Lara M. Crowley • English Language and Literature Manuscript Context and Literary Interpretation: John Donne's Poetry in Seventeenth-Century England

Sherae L. Daniel • Business and Management Absorptive Capacity and Open Sources Software Project Performance

Katherine C. Delhotal • Policy Studies Did State Renewable Portfolio Standards Induce Technical Change in Methanic Mitigation in the U.S. Landfill Sector?

Oktay Demircan • Chemistry Electrochemical Oxidation Kinetics of Hydrogen and Higher Hydrocarbon Fuels on Solid Oxide Fuel Cells

Tiffany L. Derville • Communication

Relationship Management and Member Retention: A Case Study of an Advocacy Organization

Zeynep Dilli • Electrical Engineering

Physical Aspects of VLSI Design With a Focus on Three-Dimensional Integrated Circuit Applications

Cyntrica N. Eaton • Computer Science A Framework for Detecting and Diagnosing Configuration Faults in Web Applications

Clinton L. Edwards • Electrical Engineering On the Pointing and Jutter Characterization of Mems Tivo-Axis (Tip-Tilt) Mirrors

Dale J. Epstein • Human Development The Impact of Parents' Demographic and Psychological Characteristics and Parent Involvement on Young Children's Reading and Math Outcomes

Diane Evans • Chemical Physics Hierarchical Internolecular Interaction Models of N-Heteroaromatic STM Adlayer Structures Mohamed M. Fahmi • Electrical Engineering Computer Aided Design of Wide-Band Microwave Components

Pedram J. Fard • Electrical Engineering Dynamic Reconfiguration of Network Topology in Optical Networks

Azadeh Faridi • Electrical Engineering Cross-Layer Distortion Control for Delay Sensitive Sources

Elena M. Fazio • Sociology *Role Occupancy, Physical Health and the Diminishment of the Sense of Mattering in Late Life*

Xiang Fei • Civil Engineering Robust Analysis of Sensor Coverage and Location for Real-Time Traffic Estimation and Prediction in Large-Scale Networks

Amethist S. Finch • Chemistry Fundamentals of Excess Electron Transport in Biologically Relevant Systems

Amy E. Finkbiner • Mathematics Global Phenomena from Local Rules: Peer-to-Peer Networks and Crystal

Guilherme D. Fonseca • Computer Science Approximate Range Scarching in the Absolute Error Model

Yingli Fu • Bioengineering Sustained Delivery and Pharmacodynamics of Integrin Antagonist for Ocular Angiogenesis

Timothy P. Fukawa-Connelly • Curriculum and Instruction A Tale of Two Courses: Teaching and Learning Undergraduate Abstract Algebra

Chad R. Galley • Physics Radiation Reaction and Self-Force in Curved Spacetime in a Field Theory Approach

Vivek Gantam • Mechanical Engineering Flow And Atomization Characteristics of Cryogenic Fluid From a Coaxial Rocket Injector

Michael H. Gavin • American Studies Narrating Tragedy: From Kennedy to Katrina, From Sports to National Identities

Glenn E. Gehler • Biology Phylogenetic Relationship Among Polymorphic Oligohymenophorean Ciliates, With Gene Expression in Life-History Stages of Miamiensis aridus (Ciliophora, Oligohymenophorea) **Danette S. Gerald • Education Policy** Examining the Status of Equity in Undergraduate Enrollments for Black, Latino and Low-mome Students at Public Four Year Universities and Flagship Campuses

Tolga Girici • Electrical Engineering *Resource Allocation for DOS in OFDMA Based Wireless Networks*

Hernan M. Gonzalez • Agricultural Economics The Interaction Between Distance to Work and Vehicle Miles Traveled

Amy F. Grimes • Chemistry Toward Optimization of Photomodulation of Azobenzene-Modified PPV Derivatives

Bahman Habibzadeh • Mechanical Engineering Understanding Co-Oxidation in SOFC'S Using Nickel Patterned Anode

Franz C. Halaschek-Wiener • Computer Science Expressive Syndication on the Web Using A Description Logic-Based Approach

Guang Han • Electrical Engineering Connectivity Analysis of Wireless Ad Hoc Networks

Aydin Haririnia • Biochemistry Molecular Interactions of Ubiquitur and Polyubiquitin Chains with Ubiquitin Binding Domains

Jason R. Hattrick-Simpers • Engineering Materials Combinatorial Investigation of Magnetostrictive Materials

Bo He • Chemistry Barcoded Silica Nanotubes for Bioanalysis

Gregory J. Hiemenz • Aerospace Engineering Semi-Active Magnetorheological Seat Suspensions for Enhanced Crashworthiness and Vibration Isolation of Rotorcraft Seats

Daniel Hines • Chemical Physics Organic Electronics with Polymer Dielectrics on Plastic Substrates Fabricated via Transfer Printing

Stacy F. Hobson • Neurosciences and Cognitive Sciences *Text Summarization Evaluation: Correlating Human Performance on an Extrinsic Task with Antomatic Intrinsic Metrics*

Natalie Hopkinson • Journalism and Public Communication GO Go Live Emmanouel S. Hourdakis • Physics Electrical Measurements at the Micro Scale: Air Breakdown and Si Coulomb Blockade Devices

Patrick P. Hughes • Physics Efficient Surface Conversion for Neutral Atom Detection

Yu-Chu Hung • Electrical Engineering Studies of the Optical Properties of Plasmonic Nanostructures

Neal H. Hutchens • Education Policy A Comparative Legal Analysis of State Constitutional Autonomy Provisions for Public Colleges and Universities

Gina S. Ikemoto • Education Policy Supports for Principals' Sensemaking: Lessons from the Institute for Learning's Instructional Leadership Program in Baltimore, Maryland

Darlene M. Iskra • Sociology Breaking Through the "Biass" Ceiling: Elite Military Women's Strategies for Success

Rezarta Islamaj • Computer Science Feature Generation and Analysis Applied to Sequence Classification for Splice-Site Prediction

Won S. Jang • Civil Engineering Embedded System for Construction Material Tracking Using Combination of Radio Frequency and Ultrasound Signal

Chad R. Jarvis • Physics A Search for Z Boson Pair Production at the Fermilab Tevatron Collider

Tao Jiang • Electrical Engineering Distributed Trust Management in Autonomic Networks

Yu Jiang • Electrical Engineering CMOS N-Dimensionell M-Level Hysteresis Circuits and Possible Applications

Dawn R. Johnson • Counseling and Personnel Services Sense of Belonging Among Women of Color in Science, Technology, Engineering, and Math Majors: Investigating the Contributions of Campus Racial Climate Perceptions and Other College Environments

Lauren T. Kaiser • Counseling and Personnel Services The Effect of Instructional Consultation Teams on Teachers' Reported Instructional Practices Buren Karagol-Ayan • Computer Science Resource Generation from Structured Documents for Low-Density Languages

Amy K. Karlson • Computer Science Interface and Interaction Design for One-Handed Mobile Computing

Kristopher B. Karnauskas • Atmospheric and Oceanic Science Interannual Variability of Sea Surface Temperature in the Eastern Tiopical Pacific Ocean and Central American Ramfall

Srinivas R. Kashyap • Computer Science Algorithms for Data Placement, Reconfiguration, and Monitoring in Storage Networks

Loretta W. Keleher • Philosophy Empowerment and International Development

Dae W. Kim • Mechanical Engineering Thermal Characteristics of Porous Foam Dielectric Liquid Microcollers

Heekyong Kim • Chemical Engineering Analysis of Drug Delivery in the Eye Using Magnetic Resonance Imaging

Hyoungsoo Kim • Civil Engineering A Simulation Framework for Traffic Information Dissemination in Ubiquitous Uchicular Ad Hoc Neuworks

Ji H. Kim • Astronomy The Star Formation History of Low Surface Brightness Galaxies

Sung M. Kim • Government and Politics A Post-Confucian Civil Society: Liberal Collectwism and Participatory Politics m South Korea

Adrienne L. Kish • Cell Biology and Molecular Genetics Surriving Ionizing Radiation: General Stress Response and Mechamisms for the Prevention and Repair of DNA Damage in Halobacterium sp. str. NRC-1

Catalina E. Kopetz • Psychology *The Quest for Multifinality in Goal Pursuit*

Kamiar Kordari • Electrical Engineering Self Organizing Wireless Sensor Networks

Sudarshana N. Koushik • Aerospace Engineering Blade Vortex Interaction Studies Anorel Experimental Approach

Ekaterina Krivonos Gonzalez • Agricultural Economics

Three Essays of Coffer Markets

Shyam KC • Sociology Society and Intrastructure: Geographical Accessibility and Its Effects on School Enrolment in Nepal

Sonya T. Lanier • Counseling and Personnel Services Multiple Aspects of Children's Perceptions of Classroom Peer Support and Adjustment

Jonghee Lee • Physics

Low Temperature Scanning Tunneling Microscope Development: Investigations of Au(111) and Ultra-slow Vortex. Dynamics of NbSe2

Cassandra C. Lewis • Education Policy

A Balancing Act An Exploration of How A Public Flagship Institution Responds to Pressures for Racial Equity and Institutional Excellence

Huilin Li • Mathematical Statistics Small Area Estimation: An Empirical Best Linear Unbiased Prediction Approach

Jianzhu Li • Survey Methodology Regression Diagnostics for Complex Survey Data: Identification of Influential Observations

Mian Li • Mechanical Engineering Robust Optimization and Sensitivity Analysis With Objective Genetic Algorithms: Single-and Midti-Disciplinary

Song Li • Electrical Engineering Covert Channels and Anonymous Communication in Ad Hoc Networks

Choonghoon Lim • Kinesiology Examining The Influence of Sensation Seeking and Gender on Consumers' Emotional Responses to Visual Stimuli in Computer-Simulated Slot Machines

Patricia A. Lissner • English Language and Literature Cht-Thinking: Chiasmus and Cognition

Chih-Hung Liu • Policy Studies What Types of Fiscal Decentralization System Have Better Performance?

Junjie Liu • Atmospheric and Oceanic Science Applications of the LI: IKI: to Adaptive Observations, Analysis Sensitivity, Observation Impact and the Assimilation of Moisture

Guanhua Lu • Mathematical Statistics

Asymptotic Theory for Multiple-Sample Semiparametic Density Ratio Models and Its Application to Mortality Forecasting

Tracy L. Lucht • Journalism and Public Communication Sylvia Porter: Gender, Ambition, And Personal Finance Journalism, 1935-1975

Alycia A. Marshall • Curriculum and Instruction Black · African American Students' Perceptions of Mathematical Success and Mathematical Success Factors at a Community College

Linda M. Massey • Education Policy, Planning and Administration

Pilgruns and Guides: A Phenomenological Study of Montessori Teachers Guiding and Being Guided by Children in Public Montessori Schools

Sabrina A. Matoff-Stepp • Public and Community Health

The Impact of Formal Social Support on Outpatient Care Among a Sample of Adults Living With HIV/AIDS in the United States

Peter I. May • Marine, Estuarine, and Environmental Sciences Alternate State Theory and Tidal Freshwater Mudflat Experimental Ecology on Anacostia River, Washington, D.C.

Kathryn H. Mckinley • Modern French Studies Ciccionian Rhetoric and the Art of Medieval French Hagiography

Elizabeth A. McClure • English Language and Literature The Ethics of Materiality: Sensation, Pain, and Sympathy in Victorian Literature

John C. McCormack • Cell Biology and Molecular Genetics An Internal tRNA-Like Structure Regulates the Life Cycle of Plus-Sense RNA Virus

Kevin M. McGrath • Government and Politics Sheathing the Sword of Damocles: Assessing Al Qaeda and Devising a U.S. Response

Oscar Melo • Agricultural Economics Service Quality and Asymmetric Information in the Regulation of Monopolies

Rebecca F. Mercado • Curriculum and Instruction Intersections of Vision, Practice, and Context in the Development of Student Teachers as Reading Teachers for Students of Diverse Backgrounds Jason S. Metcalfe • Kinesiology On the Development of Postural Stability During Infancy as a Process of Growth and Active, Exploratory Sensormotor Timing

Min Min • Mathematical Statistics Asymptotic Normality in Generalized Linear Mixed Models

Chad E. Mitchell • Physics Calculation of Realistic Charged-Particle Transfer Maps

Stephanie J. Mitchell • Human Development Low-Income African American Fathers' Contributions to Toddlers' Social and Emotional Development

Alireza Modafe • Electrical Engineering Benzocyclobutene-Based Electric Micromachines Supported on Microball Bearings: Design, Fabrication and Characterization

Baharak Mohajer Iravani • Electrical Engineering Electromagnetic Interforence Reduction Using Electromagnetic Burdam

Electromagnetic Interference Reduction Using Electromagnetic Bandgap Structures in Packages Enclosures Cavities and Antennas

Naglaa M. Mohamed • Marine, Estnarine, and Environmental Sciences Ecophysiology of Microbial Communities Associated with Marine Sponges Ircinia

strobilina and Mycale laxissima

Jesus M. Molina • Electrical Engineering Evalcuating Host Intruison Detection Systems

Christina Morina • History Legacies of Stalingrad: The Eastern Front War and the Politics of Memory in Divided Germany, 1943-1989

Ernesto Munoz • Atmospheric and Oceanic Science *The Caribbean Low-level Jet: Its Structure and Interannual Variability*

Jessica L. Nagel • Marine, Estuarine, and Environmental Sciences Plant-Sediment Interactions and Biogeochemical Cycling for Seagrass Communities in Chesapeake and Florida Bays

Giridhar Nandikotkur • Physics Tracking Spectral Changes in Blazars with the Energetic Gamma Ray Experiment Telescope (EGRET) Seyed H. Nejad-hosseinian • Reliability Engineering A Methodology for Automated Generation of Generalized Event Sequence

Diagrams for Probabilistic Rixh Assessment of Complex Systems

Scott T. Nestler • Business and Management Empirical Analyses on Federal Thrift Savings Plan Portfolio Optimization

Lynn M. Newman • Curriculum and Instruction The Effects of Explicit Instruction of Expository Text Incorporating Graphic Organizers on the Comprehension of Third-Grade Students

Sommuk Ngamchai • Civil Engineering *Air Express Network Design With Hub Sorting*

Lauren O'Neill • Criminology and Criminal Justice Expanding the Impact of Peer Networks: Pathways to Turning Points

Onur Oktay • Mathematics Frame Quantization Theory and Equiangular Tight Frames

Amanda L. Osborne • Psychology Neuropsychological Assessment of Geriatric Patients with Depressions and Mild Cognitive Decline

John P. Palastro • Physics Interaction of Lasers with Atomic Clusters and Structured Plasmas

Herman Pandana • Electrical Engineering Development of Electronic DNA Hybridization Detection Using Carbon Nanotube Field Effect Transistor Arrays

Eleni Papadopoulou • Special Education The Impact of Vocabulary Instruction on the Vocabulary Knowledge and Writing Performance of Third Giade Students

Kyung H. Park • Civil Engineering Lateral Load Patterns for the Conceptual Seismic Design of Moment Resisting Frame Structures

Marina Parra Carreiro E Silva • Marine, Estuarine, and Environmental Sciences

The Roles of Nutrients and Herbivory in Controlling the Microbioerosion of Tropical Reefs

Amy E. Pate • Government and Politics *Ethnic Rebellion in Democratic Experiments* Deanna M. Perez • Criminology and Criminal Justice

An Outcome Evaluation of the Brunswick Correctional Center Sex Offender Residential Treatment (SORT) Program

Nick L. Petroni • Computer Science Property-Based Integrity Monitoring of Operating System Kernels

Michael A. Phillips • Communication A Theory of Rhetorical Humor in American Political Discourse

Violeta A. Prieto • Physics Submillimeter Test of the Gravitational Inverse-Square Law Using a Superconducting Differential Accelerometer

Jin Qin • Reliability Engineering A New Physics-of-Failure Based VLSI Circuits Reliability Simulation and Preduction Methodology

Shaikh M. Rahman • Agricultural Economics

Optimal Contracting and Vertical Coordination in the Beef Industry: An Assessment of Value-Based Pricing

Anny H. Rathbun • Education Policy

Making the Most of Extra Time: The Role of Classroom Factors and Family Socioeconomic Status on Full-Day Kindergartners' Reading Achievement and Academic Engagement

Heather E. Rellihan • Women's Studies Ad munistering Education: Gender, Colomalism, and Christianity in Belize and the Anglophone Caribbean

Jose G. Roa Lobo • Geography Identifying Landshde Hazards in a Tropical Mountain Environment Using Geomorphologic and Probabilistic Approaches

Subrat N. Rout • Veterinary Medical Sciences The Role of Newcastle Disease Virus Internal Proteins in Pathogenesis

Sankalita Saha • Electrical Engineering Design Methodology For Embedded Computer Vision Systems

June L. Samuel • Government and Politics Adapting to Norms at the United Nations: The Abortion-Rights and Anti-Abortion Networks

Jesse J. Scott • American Studies Disturbing the Peace: Cultural Narratives and Reparations Aisha M. Sexton • Biological Resources Engineering

Evaluation of SWAT Model Applicability for Waterbody Identification and TMDL Analysis

Rahul Shetty • Astronomy Gas Kinematics and Dynamics: Spiral Structure and Cloud Formation in Disk Galaxies

Min-Ho Shin • Computer Science A Fast Scalable User Authentication on Wireless Mesh Networks

Usama M. Soltan • Linguistics On Formal Feature Licensing in Minimalism: Aspects of Standard Anabic Morphosyntax

Anuja A. Sonalker • Electrical Engineering Designing Robust Collaborative Services in Distributed Wireless Networks

Sadagopan Srinivasan • Electrical Engineering Prefetching vs. the Memory System: Optimizations for Multi-core Server Platforms

Sharon R. Stein • Curriculum and Instruction How Seventh Grade Readers Who Completed an Intensive Phonics Intervention Program in Sixth Grade Comprehend Informational Text

Nichole H. Stewart • Education Policy

No Child Left Behind's Supplemental Educational Services: A Case Study of Participant Experiences in an Urban Afterschool Program in the District of Columbia

Haichun Sun • Kinesiology Middle School Students' Leanning and Motivation: A Self Determination Perspective

Marlene K. Sun • Human Development Cross-Language Transfer of Phonological and Orthographic Processing Skills in Spanish-Speaking Children Learning to Read and Spell in English

Tsz W. Sze • Computer Science On Solving Univariate Polynomial Equations over Finite Fields and Some Related Problems

Chenggang Tao • Physics Fluctuations on Metal Surfaces and Molecule/Metal Interfaces

Anne E. Thessen • Marine, Estuarine, and Environmental Sciences

Taxonomy and Ecophystology of Pseudo-mitzschia in the Chesapeake Bay

Rebecca E. Thomas • Education Policy Pathways to the Baccalaureate: A Longitudinal Study of Sequence Differences by Parents' Education Level

Scott C. Thomas • Computer Science On an Apparent Limit to Verb Idiosynerasy, Given a Mapping Between Argument Realization and Polysemy (Or Argument Optionality)

Jing Tian • Public and Community Health Instrument Development for Continuing Medical Education Evaluation

Natalie T. Tindall • Communication Identity, Power, and Difference: The Management of Roles and Self Among Public Relations Practitioners

Ming C. Tomayko • Curriculum and Instruction An Examination of the Working Conditions, Challenges, and Tensions Experienced by Mathematics Teachers

Kara K. Trenkamp • Curriculum and Instruction

An Investigation of the Factors that Influence Reform Implementation Practices of Middle School Mathematics Teachers

Amanda A. Truett • Marine, Estuarine, and Environmental Sciences

Ecological Risk to Cetaceaus from Anthropogenic Ocean Sound: Characterization Analysis Using A Professional Judgment Approach to Uncertainty

Patrick A. Truitt • Physics Measurement of Coupling Between the Electron Gas and Nanomechanical Modes

De-Hao Tsai • Engineering Materials Understanding Electric Field-Enhanced Tiansport for the Measurement of Nanoparticles and Their Assembly on Surfaces

Joseph Varghese • Mechanical Engineering Effect of Dynamic Flexural Loading on the Durability and Failure Site of Solder Inteconnects in Printed Wiring Assemblies

Shiv N. Vitaladevuni • Computer Science Human Movement Analysis: Ballistic Dynamics, and Edge Continuity for Pose Estimation

Abby J. Vogel • Biological Resources Engineering Noninvasive Optical Imaging Techniques as a Quantitative Analysis of Kaposi's Sarcoma Skin Lesions **Chengdong Wang • Reliability Engineering** *Hybrid Causal Logic Methodology for Risk Assessment*

Kui Wang • Marine, Estuarine, and Environmental Sciences Biology and Ecology of Synechococcus and Their Viruses in the Chesapeake Bay

Lixin Wang • Chemical Physics Ferrocene-Based Molecular Electronics and Nanomanufacturing of Palladium Nanourres

Peng Wang • Mechanical Engineering On Chip Thermoelectric Cooling of Semiconductor Hot Spot

Xiang Wang • Chemical Physics Study of Electrostatic Interaction between Charged Surfactant Vesicles and Ionic Molecules by Bulk and Fluorescence Correlation Spectroscopy Measurements

Yijun Wang • Engineering Materials High Elastic Modulus Nanopouvder Reinforced Resin Composites for Dental Applications

Alia P. Weaver • Engineering Materials Ionizing Radiation-Induced Copolymerization of 2 Ethylhexyl Aerylate and Aerylic Acid and Ionomer Formation

Timothy E. Wedig • Government and Politics The Internet and Political Organizations: Force, Tool, or Wildcard?

Nathan Williams • Mechanical Engineering Strategic Product Design for Retail Channel Acceptance Under Uncertainty and Competition

Arthur H. Winter • Chemistry Theoretical and Experimental Investigations of High Spin Ionic Intermediates

Rui Xiao • Chemical Physics Controlled Electrochemical Synthesis of Conductive Polymer Nanostructures and Electrochromism Property Study

Hua Xu • Physics Crutical Behavior of Superconductors and Electrical Transport Properties of Carbon Nanotube Thui Films

Jing-Wen Yang • Business and Management Multiple Audiences and Corporate Disclosine

Joon H. Yang • Engineering Materials

The Attachment and Characterization of DNA Probs on GaAs-Based Somiconductor Surfaces

Yuesheng Ye • Chemical Engineering Studies on the Step Growth Polymerization of Aromatic Polycarbonates

Yukyung Yeo • Government and Politics Regulating China's Industrial Economy, A Comparative Case Study of Auto and Telecom Service Sectors

Chengbin Yin • Curriculum and Instruction Language Learning Strategies in Relation to Attitudes, Motivation, and Learner Beliefs: Investigating Learner Factors in the Chinese EFL Context

Joon-Hyuk Yoo • Electrical Engineering Hamessing Checker Hierarchy for Rehable Microprocessors

Gregory Young • Mechanical Engineering Metallic Nanoparticles Ad Fuel Additives in Aubreathing Combustion

Nancy D. Young • Education Policy Peer Interaction in Compositionally Dweise Residence Halls

Haibo Yu • Physics Flavor Symmetry, Leptogenesis and Grand Umfreation Theories

Yuan Yuan • Computer Science Enabling Dynamic Spectrum Allocation in Cognitive Radio Networks

Shixiong Zhang • Physics Unusual Electronic Transport and Magnetism in Titanium Oxide-Based Semiconductors and Metals

Zhenyu Zhang • Electrical Engineering Numerical Study of Plasmon Resonances in Nanoparticles

Qing Zhu • Chemical Physics Metal-Mediated Activation of Hydrogen Peroxide and Dioxygen by Copper Complexes in Aqueous Solution

Elena Zotenko • Computer Science Computational Methods in Protein Structure Comparison and Analysis of Protein Interaction Networks

Guil M. Bailey • Education Policy, Planning and Administration Allocating State Funds for Public School Library Media Programs A Case Study of Education Policymaking in Maryland



Master of Applied Anthropology

Aleithea Anne Williams

Master of Architecture

Deborah Anne Bauer Suzanne Marie Braman John W. Bryant Aaron Tyler Krembrook John Edward Morris II Andrew Jonathan Murray Sarah Elizabeth Sayler Kimberly Allison Singleton Lee Andrew Swinscoe John Michael Talbott, Jr. David Joseph Whitehill Brittany Loanne Williams Nastaran Zandian

Master of Arts

American Studies

Brooke Ellen Murphy Andrew Lynn Nelson Quincy Winston Roberts

Art History

Brighton Kelley Hanson HyoSil Suzy Hwang Eowyn May McHenry Megan Diane Rook-Koepsel

Classics

Brendan Eamon Magee Sherri Dawn Stanley

Communication

Erik D. Halvorson Lydia M. Swindell **Counseling and Personnel Services** Hugo Estuardo Najera Damel Seth Newman

Criminology and Criminal Justice Amber Lauren Beckley Cynthia Lynn Boyle Alexa Andrade Briscoe Kristina Marie Donnelly Benjamin Jacob Falls Derek John Fisher Hannah Kon David Michael Mazeika Chera Remse McCoy Kristen Michelle Miggans Tracy Lynn Parker April Dawn Wall

Curriculum and Instruction Dawn Marie Smith

Economics

Yi Jiang Xue Li Otohiko Matsumura Lourenco Senne Paz Naris Sathapholdeja Dong Wu Jing Zhang

Education Leadership and Policy Studies

David Joshua Beeson Dawn R. Burks Su Dai Gregory Carson Dutton Amv Patricia Falk Melissa Tanya Faux Kelly Lynn Frame Andrea Christina Gerarda Gommans Maria Gourgouliatou Jill Michele Manske Quinton LeVar McArthur Celia M. Mellinger Rahul Sampat Larissa Ann Winkler Wesley A. Yokoyama Jeffrey Grant Zwillenberg

English Language and Literature Julia Robertson Acker Jasmine Shay Lellock Aubrey Luxx Cohen Mishou Andrew Thomas Tangaro Damelle Marie Todd

Ethnomusicology Xochitl Ysabela Tafoya Chantel Lynn Yadush

Geography Taylor L. Keen John Kenneth Mills Ryan Paul Pavhck Joyce C. Alexis Riter Juha Lynne Skory

German Language and Literature Muhamed Jasarevic Audrey Lee Joyner

Government and Politics Myonme Corene Angeles Bada

Sam Fayyaz Chu-yun Liu Rodrigo G. Pinto

Hearing and Speech Sciences Jenny Patricia Arias Ronda M. Hodge Michele Denyse Holowatch

Michele Denyse Holowatch Therese Danielle Kling Allison Rose Koski

History

Kevin Edward Birch Debbie J. Goldman Heather Ann Juhussen-Stevenson Madalina Y. Lee Todd Brandon Sauer

Human Development Education Anne Gertrude Geary

Journalism Leticia Linn Campana Diego Mantilla

Kinesiology

Nikolas Charles Dickerson Alexander John Elahi James Jungwoo Lieu

Mathematical Statistics Ziliang Li Aneesah N. Williams

Mathematics Alexandre Rostovtsev Morgan Stern

Measurement, Statistics and Evaluation Nuodong Hou Helen I-Lun Lu

Music Elizabeth Anne Yackley

Philosophy

Michael Christian Cifore Dimiter Iavorov Kirilov Ryan Blake Millsap Wei Zhang

Psychology

Ryan Fehr Courtney Brynn Forbes Elizabeth Keats Reynolds Samantha Alison Rodman Jeremy M. Schultz Patricia T. Spangler Thomas James White

Second Language Acquisition and Application Natalya Olegovna Coffman

R. Elizabeth Shanholtzer

Sociology

Lester Howard Andrist Kimberly Bridget Bonner Paul Sherman Dean Jonathan Andrew Lemich Vanessa DeBarros Lopes Dawn R. Norris Michael John Yaksich

Spanish Language and Literature Veronica Rodriguez Maritza Solano

Theatre and Performance Studies Karalee Dawn Paul A. Dunford

Women's Studies

Betuna Antoinette Judd Ana Maria Perez Amy Leigh Washburn

Master of Business Administration

Gurunadham Alampalli Ryan Adrian Anghelone Adebowale Opeyenn Avem Jon James Balatbat Roberto Enrique Benitez Prashant Balkrishna Bhaip Hu Bo Leon Iosifovich Bochkis Stacy Ann Brain Andre Bustamante Christopher John Campbell Carlos Eruesto Canales Matthew Louis Canzater, Jr. Robert Edward Carty Gillian Maria Charter Sundara Sambasiya Rao Chintaluri Michelle Ann Cojocaru Fernando Cubillos Zarna Mukund Dalal Srihari Dammalapati Fia Estine Davis Akinola K. Dosumnu Avrou Marc Elbaum David Walter Fitzgerald Brian Joseph Foster Margaret Mary Game Darik K. Gossa Carvn Michele Hall Qing Hao Andrew Arthur Hartman Dru Patrick Heard lennifer Lee Hebert Scott C. Herbener

Seumis Gregory Higgins Justin Dennis Holher Chih-Hau Huang Elizabeth Velana Huerta Timothy John Karacki Jacqueline J. Kascic Kevin Michael Keuleman Michael Thomas Kikuta Bethany Anne Klein Douglas Barrett Kuckelman Valencia Francine Lawrence Wenxi Henry Li Linda Liu Theresa N. Magner Art Maples Jeremy Robert Martin So Yun Jung Maryn Shingo Matsuzaki Silas Alfred McCullough III Sean Edward McHale Samuel Joseph Meadema, Ir. Brian M. Mehnert Shirin Mehraban Joshua Andrew Miller Himanshu Patel Fimothy Scott Plymette Anthony R. Raley II Pramod Ramprasad Nicole Rizzolo Jeremy J. Ross Brent Dean Sauer Joseph A. Scafidi, Ir. Andrea Marie Schernecke Gaelle Seide Rajeeva Duminda Serasinghe Niray G. Shah Saqib Ali Mohammed Sheikh Kristofer Shields Jun Sup Shin Scott Stefan Christopher Kent Stevenson

Michelle LeCorn Strong John Michael Stropki III Laura Ann Tiburzi G. Keiler Todd Alice Tran Kandyce Marie Tripp Chandra Sekhar Vavilala Amanda Rae Wagener Sharif S. Weithers Aaron Pame West Ross Jonathan Wigdor Jesse Albert Wilburn Mark R. Williams

Master of Business Administration/Master of Public Policy Combined

William Joseph Grayson Natasha Lisette Tickner

Master of Business Administration/Master of Science Combined

Benjamin Jay Anios Cytena ShaVonn Hubbard Edwin S. Killinger Shashi Babu Koduru Joshua Leon Rosenthal Yue Tian Dana Lynn Weber

Master of Community Planning

Jennifer Robyn Bonnette David Franklin Cookson Elana Messner Claire Renee Schnitzer

Master of Education

Counseling and Personnel Services

Suzanne Ashour Megan Michelle Forbes Scott Jeffrey Jones Harold L. Kinter Seth Darren Zolin

Curriculum and Instruction

Nina Teresa Aldrighetti Rachel Jenne Berk Rhonda Harris Boddie Hasung Bong Karree C. Bravo Damiah Casimirri Young J. Cho Heidi Elizabeth Clifton Ximena Diaz Margaret L. Doan Danitra J. Edmond Joseph Furlong Lauren Courtney Honeycutt Karen N. Irving Ingrid Isola Jacob Galina Halla Imourko Catherine Therese Kenny Melissa Lynn Kochanowski Darcy Marie Kraynak Christina Marie Lamb Pei-Hsien Lin William Christopher Medina Gracita Ocampo Morris William Andrew Mover HI Carrie Lynn O'Donnell Nicole Renee Odorisio Bridget J. Pickett John Kenneth Potter Teodora Isavel Rosales Darcy Alexandra Scott

Kara Lynn Sherrill Rachel M. Smith Lanita Andong Nyambi Tanya Betsy M. White Mark James Whitehead Lihan Jennifer Winters AnneMarie Jeanette Wood Alisha Nicole Wynn

Education Leadership and Policy Studies Thomas Quinn Lawrence Jue Wang

Human Development Education Kenneth Stephen Reading

Special Education Angela M. Nance

Master of Engineering

James Tataw Agbormbar Aditya Badhwar Sulaimin Bagqi-Barrett Ralph Joseph Bridge Hai Mmh Bui Barry Michael Caison Arjita Chawla Elias G. Demessie Anirudh Dhawan Annette Fredricka Dixon Makeda Ayana Drake Jason Terry Dreher Kunal Rajendra Dukle Omosemwengie Uyiosa Esemuede Daniel Joseph Farnoly Jose Luis Galvis Kuassi Anselme Ganmavo Neelesh Gehlot

Paul L. Gilliam Mark David Hanna Samuel Hernandez Quinones Giuseppe Iorio Andrew Jay Levine Eric Anders Lindquist Michael Wen-Tseng Liu Anthony Jean Lteif Jad Andre Lutfi Christopher Russell Magnan Roz Mayer Chad Curtis Mayers Blame Matthew Orth Frank Obeng Owusu Steven Christopher Petras Rafael L. Rodriguez-Cambero Werner Stefan Scherer Sean Alexander Scott Alfian Utama Sibaram Jason Edwin Snuth Rosalind JoAnn Steptoe-Jackson Gregorio Vazquez Jimenez Stanley Everett Wildesen Hailegztabher Abiy Yerdaw Nihat Erman Yıldız Elizabeth Ann Zapata

Master of Fine Arts

Creative Writing

Lindsay Anne Bernal Adrienne Marie Casalena Richard Francis Fulton III Seth Embre Grennaud Gerald Mong Maa

Theatre

Marie-Noelle Daigneault Laurence J. Zoll

Master of Information Management

MaShana Annette Davis Alhah Virgima Humber Christopher Erich Reed Tillman David Saylor Shu Ju Weng

Master of Journalism

Bernard Abraham Becker Anne Riley Cooke Ronald Frederick Docksai, Jr. Kenneth Revnhoudt Fletcher Anju Kaur Daniel Gerard Lamothe Raechal Courtney Leone Rachel Stephanie Mauro Katherine Tracy Prahlad Aditya Ramanathan Robert James Richardson Daniel Hyman Rubin Robert John Tricchinelli Danielle Aron Ulman Michael Fraley Walsh Andrew Michael Zieminski

Master of Library Science

Carolyn L. Baron Mirnam Clarice Bridges Elisabeth Cohen Browning Bridget Burns Rose Natalina DeLuca Jessica Anne DiBeneditto Sally L. Egloff Ann Marie Galloway Sara Gayle Godbee Laura Roberts Gottheb

Allison Yvonne, Greene Kate Frances Herbert Llizabeth Eisher Hodge Kelly Michele Hoffinan Margaret Arleen Hoogland Byron Iodd Hooten etc Mehssa I yn Jackson. Adrianne West Junius Gergana Kirilova Kostova Kluane Catherine LaBelle Ing Liu Karen Ann MacPherson Lauren Ashlev Martino Megan Lynn McCarty Zachary Thomas Miller Josephine Powers Olson Mary Burke Patterson Michael Stuart Poston Anne Margaret Quick Katrina Ann Holton Righter Erin Clements Rushing Sarah Pontano Salmek Jo Ellen Sciremannano Melissa Claire Suyder Robert O. Steele Michael Lloyd Taylor Andrew Franklin Young

Master of Life Sciences

Christina Anne Blakie Jeffrey John Cayer Shari-Ann Cayer Jill Deanne Cross Heather R. Curton John A. Gorrell Lori Medhn Howard Tinika Shushunna Jackson Barbara J. Lee Barbra Jean Lehto Michael James Nuttall II Rachel Rose Oser Cameron James Peters Kelly Marie Rausch Wendy Kristine Riggs Hollyce Jane Schoepp Beth Ann Schuller Calvin Christopher Smith

Master of Music

Jonathan Karl Eising Ronald Lee Hess Stephen Andrew Holmes Jesse William King Alvaro R. Rodriguez Michael Steven Sparrow, Jr. Nicole S. Stanleigh Loren Thomas Westbrook-Fritts

Master of Public Health

Erica Lay Chan Jennifer Ann Cohen Nasseem Amelia Rouham

Master of Public Management

Lane C. Askew Michelle Ann Baker Daniel Joseph Emerine Joseph Emmet Gryder Cleofe Catacutan Lalimarmo Thomas Christopher Miante Jeffery Scot Qualey Cheryl K. Robertson Kathryn Rose Schulm Beverly George Sobel George Philip Welzant

Master of Public Policy

Gil J. Avin Rana Danielle Dotson Kathryn Amanda Durant Kent Paul Laborde Lisa Mc Goldrick Scott Theodore Morrissey Richard Christian Naylor Rafael Nieto Yi Zhang

Master of Science

Aerospace Engineering

Adam Farrell Beerman Timothy David Burchett Brandon Lamar Bush W. Ethan Eagle Sarah Jo Haack Paul Lwin Jeffrey Keenan Marquart Benjamin John Nickless Fernando Raffan Montova Sean Howard Roark Russell Allen Roder Christopher J. Scott Daniel Senai-Alemou Benjamin Scott Silbaugh Jirapat Supamusdisukul Jose Efrain Valentin Benjamin King Sutton Woods

Agricultural and Resource Economics

Hua Di Carolina Handall David Hake Herberich Beat Hintermann Chad Dumon Lawley Animal Sciences Ashley Elaine Meece

Applied Mathematics and Scientific Computation

Namrata Uppal Cornick Ryan Bensussan Harvey Matthew Joseph Hoffman Thomas Harvey Lotze John Quah Poorani Subramaman Jun Wang

Astronomy

Megan Elizabeth DeCesar Damel Simon Jontof-Hutter Michael James Koss Yana Lyubomirova Radeva Stephen Ross Schwartz

Atmospheric and

Oceanic Science David Derleg Kuhl Edward Paul Nowottnick

Bioengineering Geraldme Isabel Mijares

Biological Resources Engineering Thomas Jumor Griffeth III

Shaya Jamshidi

Biology

Ernest Rudolf Hixon Juhan Jenkins III Kristin Anne Kaercher Kai Yan

Business and Management

Maurice Afamefuna Anichebe Thomas Alexander Bland, Ir. Marian Ama Boadi Christine Olson Chfford Dievnaba Diallo Mariama C. Diallo Jo-Anne V. Gilbody Amira Gouta Joy Jasmine Hodges Charles Ray Johnson Juliet Nakato Kintu Anın Kumar John Lee Mike Sang Lee Jason Thomas Leecost Marc Alan Lyman Robert Walter Marx Priti Vinodrai Mehta Bessie H. Moy Hanh Dieu Nguyen Celestine Maria Porter Somrudee Rattanavadee Sherry Arshadi Rellan Theresa Ann Ridder Jennifer Denise Sarajian Maurice D. Senegal Angeha Marian Simmerman Ammata Soumare Jacqueline Del Carmen Tarrau C. Thawng Lian Thang Rebecca Jean Underhill Samuel C. Walker Met Po Yap Dimitar Zurley

Cell Biology and Molecular Genetics Jessica Joy Neeriemer

Chemical Physics

Ling Cai Ki Chun Kim

Chemistry

James Joseph Creagan Christina Frances Hayden Yang Liu Charles Edward Luckett

Civil Engineering

Vishnu Charan Arcot Jeffrey Brian Blass Chung-Wen Chou David E Choy Zahira L. Cruz Perez Craig Vernon Hawkins Min Wook Kang Junaid Sultan Khan Woon Kim Aaron Takeo Chew Yun Kozuki Doma Lorena Morar Ruizhi Per Supida Piwkhow David Richard Scott Gustavo Angel Vecino Jesse Aloysius Walsh

Computer Science

Mudit Agrawal Saeed Alaei Rola Alameh Mujtaba Ali Adam C. Bendei George Constantin Caragea Carlos D. Castillo Sorelle Alama Friedler Hamid Haidarian Shahri Vladimir Kolovski Nir Jacob Peer Jagan Sankaranarayanan Gerardo Ignacio Simari Amy Lynn Shva Charles Song Hyunyoung Song Yee Lin Tan Ananta Nath Tiwari Alexandros Tzannes Kenneth Weiss Hyoungjune Yi

Electrical Engineering

Rajat Ahuja Titilope Zaburat Alagun Mohammad A. Alhamarneh Mustafa Ilker Bevaz Rakesh Babu Bobba Michael Edward Bowen Athanasios Nicholas Chryssis Marc Peralte Dandin Sina Eirouzabadi Ahmed Salah Ibrahim Hojin Kee Jusub Kim Franklin Ma Jonathan Adam McGee Lance Adams Mosher Kristopher Paul Nodianos Enofor Chidiebere Odo Paylos Papageorgiou Sandeep Israel Paulraj Rakesh N. Reddy Nicolas Arnaud Emmanuel Rentz Colleen Jean Rutar John Robertson Rzasa Nimish Sine Karim Gomaa Seddik Kiran Kalkunte Seshadri Nathan Paul Siwak Peter Penney Soukup Gelareh Taban George John Telis

Abraham Thomas Zachary William Wilkes Binyam A. Yeshitla Xinhui Zhou

Fire Protection Engineering

Matthew James Brookman Moriel Esther Kaplan Damelle Caryn Leikach Christopher Lee Mealy Nicholas Ryan Morton Brian David Rubeling Kevin Byron Spangler Gregory Allen Tabaka

Food Science Karen Suzame Silagyi

Geology Adam T. Mansur

Marine, Estuarine and Environmental Sciences Aimee Rachel Borgatti Sean Kevin Cooney Annette Hall Elmore David Micheal Kidwell Antti Ilmari Koskelo Jessica Lynn Nelson Jennifer Ann O'Keefe William S. Rodney, Jr.

Materials Science and Engineering Enrique Dario Cobas Adam Patrick McChire Bryan Jason West

Mechanical Engineering

Thomas Buchanan Baummer Damien Carl Bretall Kiri Lee Feldman Rupal Jain Cara Sanderson Martin Jason James Smoker Nathan Andrew Vickey Aykut Yilmaz Alan T.Yu

Natural Resource Sciences Shawna Joy Behling Kimberley Ellen Mead Ping Xue

Nuclear Engineering Travis Macaulay Albright

Nutrition Reem Saeed Al-Shamsi

Physics

Sanjeev Chauhan Kwan-yuet Ho Sergey Sergeyevich Kurennoy Nicholas Alexander Mecholsky Adrian Perez Galvan Matthew Lee Reames Michael Clay Scholten Mulyadi Tjoa Mark A. Zimmerman

Psychology Heidi Marie Butler

Reliability Engineering

Sergio Anthony Briceno Kevin Anthony Coyne Wendy Doubles Benjamin Kane Earl Katrina M. Groth Christopher Stephen Jackson Shahrzad Salenii Calvin Homayoon Shirazi Kehai Zhang

Survey Methodology Kimberly Anne Henry Douglas Charles Williams, Jr.

Sustainable Development and Conservation Biology Raimundo Espinoza Maria Raquel Flores Mendoza Tamar Norkin Heidi Elisabeth Ruffler

Systems Engineering Bargava Raman Subramanian Jens Nguema Weistlog Telecommunications Niti Arora Wei-Chung Chang Juan Carlos Franco Ajay Goel Brock Harrison Goodwin Kaustubh Ganpat Jagtap Liang Li Xuan Li Mayank Pande Deepti Suhas Patil Anoop Ranjan Mohammad Shayanullah Sharif Shivangi Indradeo Sharma Parag Pritam Thakore Veterinary Medical Sciences Senthilkumar Palaniyandı

Graduate Certificates

Historic Preservation Aleithea Anne Williams

Intelligence Analysis Erin Jessica McNerney Richard Christian Naylor



A. James Clark School of Engineering

Bachelor of Science

Aerospace Engineering

Erin Nicole Marx 2nd Degree: Mechanical Engineering Nathaniel Sanders, Jr. Jatin Vasant Shah Diana Trujillo Jeffry De Jesus Urbina

Biological Resources Engineering Jeffrey Hsieh

Jane Hak Kim Khine Mee Lwin

Chemical Engineering

Stefanie Judith Cohen Anthony John Miller

Civil Engineering

Abiola Omonivi Adebanjo Krista Marie Baines Elyse Kerry Courtney Brett Michael Deane Thomas Daniel Firstbrook Herbert Betanga Fuller Stephen Daniel Ghent Lorena Gonzalez Michel Aron Katz Boakar Kolhe lordan Delbert Lair Conor John Lewellyn Gregory John Lucas Benjamin Abram Margolis Lawrence Paul Mitros Cecilia Clare Newman

Nikolas Thomas Pakulla Robert Andrew Peck Artem Petrossian Rosdome Gueri Sarkissian "Thomas Bernard Wild

Computer Engineering

John Spencer Beecher-Deighan Kenneth D. Beverle Michael Nicholas Bukosky, Jr. [†]Chun H. Cheung Inaqui Raynaud Delgado John David Demme Anthony James DeStefano Gigi Le Dubasky Douglas Henry Gartner Robert Clague Graham Lei Guang Mark Kevin Hall II Brian D'Angelo Haves Mark James Hogan David Keywon Kang Damel Woodrow Marsh Rvan Jeffrev Morton Bruno Muscolino Geoffrey Nilsen Östrega Yogan M. Patel Kevin William Peel Hohn Shiu Brian Joseph Thomas Lifeng Zhang

Electrical Engineering

Edgard J. Aspilcueta Kyaw Lin Aung Yared Avele Afrouz A. Azari Amandeep Singh Bakshi Sanjay Bhat *Timothy Patrick Burke 2nd Major: Mathematics

Pathros Omar Cardenas Julius Karl Chang William Belisio Chavez Harry Ben Chiu Matthew Scott Diehl Navid Fanaeian Zachary T. Fjeldheim Mingfer Ha Michael Ray Hsu Sebastian Kellinger Isaksen Mohamed Alhaji Kamara Pamit Kaur ⁺Harneet Singh Khurana Janghyun Kim Scott Thomas Kubaryk Wilfredo George Lyons Mohammad Fahad Mahmood Nirmal Kantilal Mehta Prince Akwasi Mensah Evan Mark Merkel Quven Vuong Ngo Folabi Gabriel Oladeinde Iling Alice Pan Long Duy Pham Bomta Khlok Ramos Jeffrey Michael Smith Ersil M. Stewart Chi Shih Su Isidore Takougang †lerry Michael Thomas, Jr. Karina Isabella Torres Vasquez Steve Tran David Tung Mohammed Adnan Walid Jonathan Mark West Girum Telila Worku Xiao Yang Josef LeConte Yeager Alec Jian Yu

Fire Protection Engineering

Meghan Beth Klem Andrew Stanslaw Lard Joshua Alec Lambert Thomas Lee Malone Derek Andrew Richard Murgatroyd Victor Luis Ontiveros Christopher Lawrence Thomas Shaun Keith Wrightson

Materials Science and Engineering Abtodun Avodele Osho

Mechanical Engineering

†Cvrus Abdollahi *Dawn Marie Abell Mohamad Gabriel Affandy Nuri Boran Altun Arthur Robert Anderson Kenneth Lawrence Anderson David Matthew Balban Michael Paul Bednarczyk Benjamin Paul Breakall Christopher Evan Colfack Alexis Kaleen Cox Andrew Benjamin Cushing Carl Richard Diaz Laert Dounis Shakib Enam Jeremy Thomas Fuchs John William Gerdes III Anthony Edward Giampapa Karen Ann Guralmick Christopher Russell Kaplan David Anthony Keder Joseph Patrick Kelleher †Ceciha Sunyong Kye Chang Hyun Lee Michael Ryan Leichman Blake Ashton Levy

Erm Nicole Marx 2nd Degree: Icrospace Engineering Stephanie Danielle McLaten Michael William Mennucci Mark Douglas Milam Daniel Kwanho Min-Timothy Lee Molyneaux, Ir. Mohamed A. Nafatni Elvis Nkwanin Nditafon Hung Ouoc Nguyen Christianna Marie Rvou Matthew Ulric Smith Tim Dwire Smith Alexander Joseph Stein Bryson Morgan Stewart Matthew Wilson Strawbridge Juan Camilo Suarez Steven James Trombetta Damel Patrick Tucker Christopher Tomas Walker Ryan Jonathan Walters Christopher Michael Warner Jordan Dwight Weaver Guo Ean Zhang

College of Agriculture and Natural Resources Bachelor of Landscape Architecture

John Anderson Bowen Christina Louise Bradley ‡Corinne Madden Lynch Ryan M. Smith

Bachelor of Science

Agricultural and Resource Economics Kelly Christine Hogan Brian Matthew Swiech

Animal Sciences

Christina Alexandra Button 2nd Degree: German Language and Literature Catherine Nicole Gannon Cristina Marie Lauri †Jessica Lynn Lewis Kate Elizabeth Lobue Katherine Mary Nininich Sara Lynn Nyman Joshua C. Taylor Jessica Michelle Towle

Dietetics

Melanie L. Cauter Sofi Mizrachi Stemer Angeha Dawn Slayton

Environmental Science and Policy Brian Michael Boyard Graham Tyler Jarrell Katherine Jane Kreysa Paul Jeffrey Mullen Christopher Jeffrey Weitz

Food Science Sean Songuk Chor-Steven Hong

Natural Resource Sciences

Jacob Caudell Avers Young M. Choe Frank Joseph Duda Frevor McI ean Garbow Clinton James Gill Jarrett Weber Grosskettler Courtney G. Quigley Timothy John Rusmandel Lisa Ann Sinclair Susan Marie Sinclair Demetra Nicoletta Skaltsas Natural Resources Management James Wilham Bressette Seth Wilham-Dale Overbey

Nutritional Science Christin Maria Choi Ebrahim Rahnama

College of Arts and Humanities

Bachelor of Arts

American Studies Hafeezah Ruth Abdullah 2nd Major: Homen's Studies Luke Miller Allen Spencer Darman Allen Marissa Hope Antoon Joshua Allen Baynham Nicholas Matthew Bocchino 2nd Major: Art History Kimberly Marie Cauti Julia Margaret Grubman Torrey Autora Gunn Charles Davis Hiland Alexia Jovanni Joseph Hal Maurice Kramer hll Kristina Mueller Omar Khahl Myers Sonya Ama Owens-Cobblah Ashley Ann Rytter Gadi Sadan Shaun Elizabeth Salmon Catherine I. Sirko Melda Dilek Siyam George Robert Homas Michael Patrick Walsh Benjamin Aaron Wesley Sydney Bartlett Wilson Hanako Yokoyama

Art History

Tria Farrar Brooks Aimee Ehzabeth larboe 2nd Major: Studio Art Megan Cheryl Krefting 2nd Degree: Marketing †Luisa L. e S. R. Valle Brittany Lauren Lesnik Lauren Elizabeth Morrell Vanessa Alexandra Neto Rebelo Geraldme Nyabhatende Ruttagah Alice Ostino Speck Melissa Anne Thomas Catherine Akiko Uchino 2nd Degree: Biological Sciences Tiffany Danielle Walls Jermaine Endre Washington 2nd Major: Studio Art

Chinese

Caithin Marie Hopping 2nd Degree: Government and Politics Misoo Kim Samuel Woo Kim Gregory Steven Padilla Paul Tung

Classical Languages and Literatures Rachel Jeanne Smith

Annee So Kyung H. Woo

Communication

Ehzabeth Oluwatoyin Awosika Samuel Chaim Balto Zachary Andrew Bertanuni Tiffany Ting Chang Chang-Yung Chen Kantlyn Reth Clookie Marie Ehzabeth Coleman



Kathryn Mary Conda Anna Elizabeth DeLuca Ilana Michelle Elfassi Keshia Elizabeth Ellison-Olden Elizabeth Ashley Emery Kathryn Ilene Goldberg §Stephanie Kate Haas Tara Shaun Hedges Erin N. Henderson Sarah Anne Holland Subira B. Issa Monica Ellen Jackson Kristin Ann Kemp Sara Joanne Kenney Katherine Bowdren Kunkle Sang Eun Lee Elizabeth Lorraine Lizama Marc Lizmi Shannon Kathleen McCarthy Elizabeth Maureen McKee Marla Robin Miller Jessica Louise Molitor Sara T. Moon Marissa Julie Moskowitz Matthew Ryan Newberry Natalie Nichols Courtney Elizabeth O'Connor Alina Marie Piacentino Dominic Piccirillo Tara Danielle Plain Syed M. Rizvi 2nd Major: Criminology and Criminal Justice Andres Fernando Roa Scott Newton Rogers Soheil Saeed Matthew P. Sapurstein Jonathan Barry Shaivitz Ritti Singh Andrew Ian Sitomer Olufunlayo Olajumoke Soremekun Richard Christopher Taylor Christian Varner Nora Kathryn Zeigenfuse

Dance

Nicole Joelle Barton Tuffany Ferrell Blackman Yoko Julie Feinman Candace Amanda Johnson 2nd Degree: Spanish Language and Literature Kathleen Alicia Ryan Nikki Jade Sena Laura E. Tucker

English Language and Literature Brian McHale Ames Ava Nicole Anderson Amber Susan Bhatti Jessica Marie Billingsley Michael Alan Blair Lessly Jazmin Bran Shevaun Brannigan Colleen Leigh Brennan Courtney Michele Brooks Eileen Marshall Carey Jennifer Maribel Castaneda Rebecca Jennifer Coleman Megan J. E. Connolly 2nd Major: Psychology Nicole Danielle Corse 2nd Major: Sociology Stephen Arthur Crockett, Jr. Gina S. Crosse Mary Dempsey Sarah Nicole Gifford Ashley Sade Grav Pamela Gwyn Brock Griffith Rvan Joseph Haik Jordan Arthur Harriman Sonia Maria Herrero Mary Beth Howard Ville Veikko Iso-Ahola Jesse James Jackson II Jennifer Paige Jones Mallory Wheatley Kaine Siobhan Megan Keenan Kvera L. Lamoureux †Christina Corazon Lutz Scott Aaron Mandell Tyler Allen Merchant Shane M. Metzbower Kathleen A Murray Rashida Sharifa Nedrick Robert James Ostrowski Noella A. Omuse Victor Salvador Parrales, Jr. Benjamin Eli Prinkki Patricia Brooks Ready Thomas Michael Redmond, Jr. Shannon Christine Reed Santiago Arkadio Rodriguez Christina Lvnn Rovle Erika Salomon Nicole Adia Schmidt Alejandro Esteban Segarra Torres Candice Victoria Senior Nicholas Andrew Sinlock Brenna Elizabeth Skaar

Aaron C. Smith Jake Wilham St. Arnold Shannon Marie Steiner Lauren Elizabeth Summers *Alison Kay Syring 2nd Degree: History Dyanne Lim Tsai Vanessa Lorraine Wachira Jacintha Renee Wadlington Alissa Weinraub Christopher Kyle Wheat 2nd Major: Philosophy Angela Nicole Marie Williams Lori Lynn Wilhams Rodney Rusan Gregory Wilson

French Language and Literature

Hejatu Kimberly Bah Virginia Ann Cowherd †Aaron Eli Galvin 2nd Degree: Anthropology James Carter Glascock III 2nd Major: English Language and Literature Kristen Valerie Gunderson 2nd Degree: Journalism Katherme Elizabeth Hart 2nd Degree: Mathematics †Olivia Grace Kelly Tracie Lopez 2nd Degree: Accounting §Elizabeth Taymans Malouf 2nd Degree: Government and Politics Mary Kathleen Markelonis 2nd Degree: Italian Language and Laterature Rachel Lauren Novak Benjamin Jesse ReWalt

German Language and Literature

Christina Alexandra Button 2nd Degree: Animal Sciences Sabine Maria Eubanks †Kurt Jonathan Pfund 2nd Degree: Philosophy Reza M. Rahimi

History

Shannon Jean Bort Alec Bradley Jeremy Laurence Burn Haider Hasan Burney Cecilia Young Hae Cho 2nd Degree: Secondary Education-Social Studies Bryan David Clark 2nd Degree: Secondary Education-Social Studies Dana M. Cotter Marcela Diaz Bacci David Warren Eddings Kathryn Park Feldmann Caroline Frances Guthrie Trevor Hardy 2nd Degree: Government and Politics Andres Jose Heiney-Gonzalez Christopher K. Holst Skye Alexis Isaac [†]Zsuzsanna Jeney 2nd Degree: Anthropology Christopher Evan Kelly

Stacey Ray Lancaster Paola Blanca Luisi 2nd Degree: Economics

Shaina Marie Mattei Gregory Seth McCracken Allison Maria McFadden Sarah Carley McNair Christopher Thomas Edward Myers Nadia Ann Niniley Emily Claire O'Connor 2nd Degree: Music-Professional Program Sarah María Oliveros Asta B. Ottev Melissa Heather Paris Richard Kim Park 2nd Degree: Criminology and Criminal Justice Tanu Jeffrey Pongsiri 2nd Major: Economics Eric Domingo Rodriguez Paul Rodriguez Alex Gabriel Santiago Scott Michael Schimmel Michael Francis Schultz 2nd Degree: Government and Politics §Adam Levington Spiers 2nd Degree: Economics Rene'Ann Spitz Lauren Nancy Strempek Sean Brian Sullivan

*Alison Kay Syring 2nd Degree: English Language and Literature
Michael Paul Taylor Jessica Lynne Tyler
Daniel Jacob Vaeth-Levin
James Gary Wagoner
Karla Rochelle Wells
Douglas W. Westfall, Jr.
Joseph Michael Wheeler
David Brian Wilson
Melissa Renee Wright
Doo Yun Yoon

Italian Language and Literature Mary Kathleen Markelonis 2nd Degree: French Language and Literature

Lauren V. Marr 2nd Degree: Anthropology

Japanese

Nicholas Joel Ganig Rachael C. Marr



Kathryn Marie Phillips 2nd Degree: Finance Sarah Ann Schulman 2nd Degree: Spanish Language and Literature Damelle Anne Skears Lauren Renee Smith

Jewish Studies

Damela Alpert Emily Heather Villarruel

Linguistics

Nadim Gijsbert van de Fhert 2nd Degree: Spanish Language and Literature Roshni Caputo-Nimbark Jyh-In Luc 2nd Major: Japanese Joseph Michael Mencarini Gabriel Erik Modderman Edward Peltosalo Nicholas Dean Prisak Rachael Rebecca Richardson 2nd Degree: Computer Science

Philosophy

James Cameron Abell *Adam William Braskich 2nd Degree: Criminology and Criminal Justice Caitlin Ann Chamberlain German Henrique Diaz Matthew Robert Karns Patrick Brian Kelley Nathamel Preston Miller Michael J. Parker †Kurt Jonathan Pfund 2nd Degree: German Language and Literature Dane N. Plude 2nd Major: English Language and Literatine Robert John Rovetto Matthew Isaac Saltzman §Adi Shaked 2nd Degree: Psychology 2nd Major: Linguistics Sara Angela Walton

Romance Languages Karlyvette Acevedo Leslie Marie Palerino

Russian Language and Literature Massimihano Ferrucci 2nd Degree: Physics

Spanish Language and Literature

Nadim Gysbert van de Fliert 2nd Degree: Linguisties Jacquelyn Alicia Alvarez David Anthony Carter Catherine Antonene Clarke 2nd Degree: Gorernment and Polities Jayme Melissa Hux Candace Amanda Johnson 2nd Degree: Dance Kristen Kostecky Sarah Ann Schulman 2nd Degree: Japanese Katherine Elizabeth Spivey

Studio Art

Olga Vadymovna Berkout 2nd Degree: Psychology Dana Cocchiarella Justin Robert Costantino †Grace Elizabeth Duke Nahla Moustafa Elsayed 2nd Degree: Marketing Michael Jeffery Fahm †Nina Maria Fontana 2nd Degree: Anthropology Sarah Jean Frazier Johanna Wendeline Godefroy Cornell Lionel Grav Julius Craig Johnson Margo Samantha Komkoff Sarah Margrit Marston 2nd Degree: Journalism Jonivan Austin McMahon 2nd Degree: Criminology and Criminal Justice Brandon David Mise Ashley Elizabeth Newby Christine Ngoc Diep Nguyen Jessica Margaret Peter Luciano Emilio Rigato Besnik Ruka

Alton Daniel Cox

2nd Major: Art History Andrew William Schlaffer Aaron Michael Spindler Ashley Jane Staley *Robin Lynne Taylor Lindsey Demse Vance 2nd Degree: Psychology Andrew Scan Watts Adam Stanley Yu

Theatre

Michelle Marie Blackmon Walter David Johnson Destler 2nd Degree: Computer Science Diana Chirui Ho Dali Livne *Josephine Ehzabeth Wilson 2nd Major: English Language and Literature

Women's Studies

Sara Robinson Hussein Amin Mehrnoush Karimian †Erin Elizabeth Reddy Sarah Louise Sample Hirity Shimellis 2nd Degree: Biological Sciences

Bachelor of Music

Music-Professional Program

§Lindsay Damelle Butfington Shinae Choi Franklin Arthur Crawford Kevin Joseph Lutz Emily Claire O'Connor 2nd Degree: History

Bachelor of Music Education

Joseph Carmel Dacey Damel Edward Doggett Elyse Anne Evans Dorothy Setsuko Hollingshead Benjamin John Kepler Michael Todd Martin

College of Behavioral and Social Sciences

Bachelor of Arts

African American Studies

Thomas Cicero Alford 2nd Degree: Family Studies Chimenem Chima Aniadi Keith Larnell Gatlin Biko Abiola Kujifi, Jr. Jeanne Marie Long Charles Adrian Lucas Justin Wesley Richardson Mohamed Basiru Olawol Savage Marshal Farrell Washington Demse Marcia Amanda Wilson

Anthropology

Anbreen Anjuman Baig 2nd Degree: Cumunology and Criminal Justice Carli Rae Bernal Andrea Graciela Calderon ⁺Nina Maria Fontana 2nd Degree: Studio Art †Aaron Eli Galvin 2nd Degree, French Language and Literature Minna Hsu †Zsuzsanna lenev 2nd Degree: History Samuel Lee Lauren V. Marr 2nd Degree, Italian Language and Literature Michael William Massino, Jr Alexandra D. Olennik Mark James Paape Matthew Connor Reilly 2nd Major: American Studies Ann Elizabeth Soley Jeremy Carson Weiss

Criminology and Criminal Justice

Jamal Walid Denise Abu-Laban Cathrine Lindsay Amara Angela Patricia Araujo Anbreen Anjuman Baig 2nd Degree: Anthropology Samuel Joseph Birk 2nd Degree: Psychology

Adam William Braskich 2nd Deonce: Philosophy Trimity Elise Brennan Jennifer Lynn Brown Robert Dabney Browning Larry Donnell Bryant Alison Andrea Caballero Raymond Charles Callow Oscar R. Cerna Ryan Michael Clarke Krystal Lypn Cosmen Joshua B. Diesnei Daniel T. DiCicco Carla Andrea Donahue Michael Thomas Dowling Rachel Elane Elias Keith Lisle Estes, Ir. Paul Joseph Feeley III Sandra A. Fernandes Dominique Nicole Footes 2nd Major Sociology Blair Thomas Forte William Lafavette Foust IV Isaiah lahi Gardner Elizabeth Ann Goldman Gabrielle Anna Earbanks Goulet David Edward Gradin Stephen James Green John Frederick Grochowski Lauren Taylor Grover Karen Josefina Guevara Michael Joseph Hames Timothy Donald Harley II 2nd Degree: Sociology Aleza Beth Hartman 2nd Major: Sociology Kimberly Michelle Hawkes Jonathan Edward Henderson Daniel Gideon Hoffman Li-Ming Luke Hsu 2nd Major Japanese

Martine Ingabire Brett Douglas Jackson Desmond Craig Johnson Lynnae DeAnna Johnson Brianna Jeanne Kavton Christopher Sassan Kiani Steven Benjamin Klein Christopher Seth Laydon Chae Ho Lee In H. Lee Timothy S. Lee Eh Hwa Leong Kristma Elizabeth Loveless Michael Joseph Loveless, Jr 2nd Major: Spanish Language and Literature Windy R. Majer Monique Michelle McBride Brendan James McDermond Michael Stephen McEntegart 2nd Major: Psychology Jomyan Austin McMahon 2nd Degree: Studio Art Jason Randolph Mead Melissa Ashley Meeks Daniel Paul Melvin Ernest Nana Siaw Apau Mensah Brian Daniel Mezick Bellinda E. Monge Tara Dahae Moon 2nd Degree: Government and Politics Jessica Elizabeth Nasser Ivam Zacharie Ngue Jason Wilham North Brian Francis Luther O'Connor Oluwatosin Omolabake Ojo Jillyanne J. Ottev Susan Paek Richard Kim Park 2nd Degree: History

Jonathan Matthew Parker Katrina Ann Petrovich Hong Phuc Tran Pham Tyler Pearson Price Danilo Jose Quintanilla Sean Wesley Rabold Martha Selby Raver Paul-Alexandre Taylor Rischard 2nd Major: Communication Derrick J. Roos Trevor Rose Arian Rostami Matthew Charles Rout Kristofer Domemck Running Stephen Carlton Sachariah Lauren Elizabeth Sanders Shua Shah Kevin Michael Smith Tyrone Smith, Jr. Brian Alan Tanner Lordana Dorraine Thompson Sharif E. Ullah Alissa May Vera Shawn Dustin Wagner Phillip Timothy Wakefield Angela Shiao-Lang Wang **Everett Anthony Waters** Taha Shoshana Weinberg **Everett Jamall Williams** 2nd Major: Sociology Kristopher Kevin Wilt Mary Katherme Wittig 2nd Major: Psychology Fang Fang Xu David Yacob Shanna C.Yi 2nd Major: Psychology Russell Robert Ziebell

Economics

Andres Eduardo Abello 2nd Major: Spanish Language and Literature David Brian Adelman Jorge Alberto Aguilera Khalid Bilal Ahmad Patrick Michael Bailey Ionathan Charles Baker Yoay Banai Lissonia Natalie Barbosa Paquete Jerome Edem Bell William Robert Berard Shaun Karl Betton «Shawn Michael Bixby Kishelle Renee Blaize Genoveva Abena Boama Rosalvnn Adelle Bourgeois Emily Diane Buckland Jacob Allen Burley Carolma Del Carmen Cabezas-Zumga Erika Linet Cabrera Kelly Lee Campion 2nd Major: Criminology and Criminal Justice Brian Kim Chase Garv Y. Chiang Damian J. Clar Michael E Collins Andrew Robert Coxen Walter Nicholas Cummgham Laura Kay Dannemiller Earle Stewart Dashiell III Christopher Lee De Almeida Juan Andres De La Cruz III Luis Alberto Di Negro 2nd Degree: Government and Politics James Ernest Edwards HI 2nd Major: Mathematics

David Patrick Evans Samuel Evob Patrick Adetokunbo Fagbola Keith Darren Matthew Falcao 2nd Major: Government and Politics James Tien Fang Bolade Olubumm Gbadebo 2nd Major: Criminology and Criminal Justice Guneet Gill Adam Ari Goldstein 2nd Major: Crimmology and Criminal Justice Steven Michael Grella Joseph Terence Griffin Joseph Michael Havnos "Nicholas Caleb Henderson Catherine Helen MiRan Herzog Banning Hu 2nd Degree: Computer Science Anthony Christopher Hubbard Ugonna R. Ibebuchi 2nd Degree: Government and Politics Uhimwen Robert Imohe Darian Indig Naisham Jamshidi Brendan Scott Janet Jeffrey Leonard Jenkins Diane Kapinga Kalonji John Kim Sheku Konneh Michael S Korin Alan Meichung Lau Stephanie A. Lawrence 2nd Degree: Mathematics Grace Lee Evan Gene List 2nd Major: History Douglas Rvan Logue

Paola Blanca Luisi 2nd Degree: History Michael Douglas Maile 2nd Major: Criminology and Criminal Justice Qasım Mehdi Malık Gerson Wilfredo Martinez Justin Eric Mavo Rachel Erm McGaughev 2nd Major: Government and Politics Adam T. McGee Jonathan Thomas Mechak 2nd Degree: Psychology *Kathleen Lynn Miller Amm Mohammad Sadeghy Vikas Mohindra Barati Angel Mokokong Casey Jay Morris Mujobu Movo Vu Hoang Nguyen Aurelie Anne Noirez 2nd Major: Spanish Language and Laterature Panhua Nusmovich 2nd Major: Russian Language and Literature lan Matthew O'Dett Erin Marie Pare' Gaurang K. Patel Verenice Paucar Java Rao Joshua Lee Robinson Ximena V. Rojas Zarate 2nd Major: Spanish Language and Literature Christian Musanganya Rwakazina Serger Rylkov Sami Hassen Said Austin Cyril Sanders Christina Dolores Santiago

Sean O'Brien Sinclair Aditya Singh Ilia A. Soloviov Michael Robert Soong **sAdam Levington Spiers** 2nd Degree: History Christopher Michael Stavely Adewole Adeolu Sunmonu Sabir Ali Sved Jonathan Dat Thanh 2nd Major: Criminology and Criminal Justice Jason Michael Thomas Brennan Dean Hatcher Tolstoi Amel Toukabri Nghia Tuan Tran James Hilary Tubinan Angelica Ramona Veras Alex Michael Viehmann Rvan James Walderman Denny L. Ward Rvan Jerome Washington Jenel Aisha Williams Stephen Michael Williams Bradford Hunter Wray Scott Jaenam Yoo Catherine Silm Zeng Nan Zhou

Government and Politics Joseph J. Azzarello Adam Scott Bedzow Derek Ronald Bolden David Andrew Brunner Damel Edward Birlas Salvatore J. Cardile Catherine Antonene Clarke 2nd Degree: Spanish Language and Literature Andrew Douglas Crummey 2nd Degree: Geography

Katarina Csomoya 2nd Major: Economics Thomas J. Curtin Java Suneja Das Ata Marie Del Gaudio William Robert DeFrancis Luis Alberto Di Negro 2nd Degree: Economics Jonathan Harris Feinberg Sharlene Anne Ferguson 2nd Major: Cruninology and Criminal Justice Tanva Leigh Flores *Andres Garcia Aravena Harerta Ghebrai 2nd Major: Japanese Kristen Leigh Gustavson 2nd Major: Criminology and Criminal Justice Kunberley Ann Stobhan Hall Trevor Hardy 2nd Degree: History Mala Hertz Caitlin Marie Hopping 2nd Degree: Chinese Jonathan Brian Hutt Ugonna R. Ibebuchi 2nd Degree: Economics Scott Joshua Jaffa +Jennifer A. Joseph Julie B. Kim Scott James Lawson Kirby Allison Lucas Rachel Davidson Ludwig *Elizabeth Taymans Malouf 2nd Degree: French Language and Laterature Jason Benjamin Manger Dinellie LaToya Mascoll 2nd Degree: Sociology J. Burke Miller

Tara Dahae Moon 2nd Degree: Criminology and Criminal Justice Rachel Catherine Moore Emola Okubanjo Eboni Nicole Pearson Meghan Denise Pennington 2nd Major: Philosophy *Elan Sam Raffel Paola Solange Roos 2nd Major: Spanish Language and Literature †Kristina Lynn Rosinsky Matthew Rothstein Michael Francis Schultz 2nd Degree: History *Austin Kendall Stack David Tansev Joshua Mateo Troncoso 2nd Major: Economics Davina Tsao 2nd Degree: Finance Ibrahim Uvar Karla R. Vavanis 2nd Major: Economics *Sarah Jane Weiner Mandana Yousefi 2nd Major: Criminology and Criminal Justice

Hearing and Speech Sciences Allison Adair Adams Ishraq Abdullah Alkibsi Hassanat Brimah •Rachael Alison Caruso McKenzie Lea Damel Priya Javant Desai Michele Rena Dobiecki Christina Lace Ellison Melissa Anne Gangmis Kimberly Elizabeth Healey †Adrienne Veronica Johnson *Ashley Michelle Orkin Stella Pelekanos Geoffrey Alan Sherren Lydia Eve Shultz Robin Natalie Weber Ting Wer

Psychology

Lucy Marie Aranguren Kathryn Marie Battistello Olga Vadymovna Berkout 2nd Degree: Studio Art Julie Anne Bright Lauren Marie Brown Margarita A. Chukhina 2nd Major: Italian Language and Literature Emily Evans Clouse *Basma S. Fayvad Sarah Bradley Anne Foster Simon Barak Guggenheim Joshua Leonard Harshman Katrina Waiying Hsen 2nd Major: Crimuology and Criminal Justice Tiffany Ru-Shuan Huang 2nd Major: Communication Susanna Maria Jabine 2nd Major: Family Studies Jennifer Ellen Jeffery †Shana R. Kasdan *Elisabeth Claire Kassan Anna Kim Amber Noel Kuh *Jennifer Robin Kulik 2nd Major: Criminology and Criminal Justice It hun Lee Rachel Nicole Middleton Alireza Nasserghodsi Alissa Ilyinichna Ouspenskaia Sean Patrick Roberts

Daniel Kaspar Rosskamp Patricia Ann Tan Talavera Lindsey Denise Vance 2nd Degree: Studio Art Stephanie Leigh White Whitney Laura Wides 2nd Major: Criminology and Criminal Justice *Jessica Lynn Zdatuy

Sociology

Stephanie Michelle Arnold Angela Kay Bettis Andrew Robert Caporaso Vanessa J. Carbajal Andrew Nicholas Dunlap Evgueni Gavrilov Etienne L. Hanopole Timothy Donald Harley II 2nd Degree: Criminology and Criminal Instice Christopher lerome Hayes Jarret Shannon Jeffery 2nd Major: Psychology Stacey Lavora Jennings Eugene Oliver Kim Briana Suzanne Lefman Lauren Ellen Mahaney Chervl Danielle Martin Kristen Ashley Martin Dinellie LaToya Mascoll 2nd Degree: Government and Politics Shelby Nicole Mays Melame Sherrie McKay Melissa-Ann Metzger 2nd Major: Criminology and Cruninal Justice Asina Marvam Mohseni Melissa Ethel Murray Tervn Leeann Papp Ranak Shashikant Patel

Kara Lee Savory Sophia Chanel Stoute Katherine Marie Sturtevant Charlotte Lorraine Tubinan *Luciana Perham Villela

Bachelor of Science

Environmental Science and Policy Jason Adam Hess Mary LeeAnn King Monica Leigh Pearce Braxton Robert Richardson IV

Jamie Diana Rowe Adam Garrett Schwartz

Geography

Elizabeth Custodio Bowerv 2nd Degree: Community Health David Zachary Cearfoss Nathan Francis Conway Andrew Douglas Crummey 2nd Degree: Government and Politics George Johnathan Dizelos Clare Anina Ersley **Robert William Gaines** Robert Piotr Galecki Paul Michael Gionis Erica Lea Hafer Michael Patrick Larsen Justin Kevin Maynard Sean Timothy O'Donnell Alice Quintana Fernando Andres Ramirez Samuel Archer Snellings 2nd Major: Government and Politics Darien Donya Warkins

Psychology

Samuel Joseph Birk 2nd Degree: Criminology and Criminal Justice Mark Allan Cabellon 2nd Major: Crimnology and Criminal Justice Gary Marvin DeVor III Sanaz Sony Faradj-Bakht Kelly Maureen Hardy Jungeun Hong Divya Jalota Eva Lynn Kwong †Christina Marie Matthews Jonathan Thomas Mechak 2nd Degree: Economics Erez Minka Diana Cynthia Pleener James Byron Rodgers sEliana Rachel Rosenblatt †Joshua Michael Schwarzbaum «Adi Shaked 2nd Degree: Philosophy Joseph Harvey Wakeman-Linn Megan Renee Wareham

College of Chemical and Life Sciences

Bachelor of Science

Biochemistry

Rishi Kumar Tram Bao Nguyen Matthew Franklin Nicholson Vaidehi D. Sheth Louis Jared Siegel Omar Sillah 2nd Major: Economics

Biological Sciences Dilene P. Adams Yomna Afeefy Samantha Nell Ferree Ahmed AkinBola Adewole Ajavi-Obe Oluropo Fadeke Ajibulu Robert Tillman Alford, Jr. Ashlei Nichelle Alston Andrew Pena Andrada Roxanne V. Aniceto Emma Marie Barrios Samantha Bauchiero Earah Mona Bekdash Gbessay K. Bockai Tahrra Elke Uri Bonaga Jessica Hui Boualavong Amy Butani Nicole Choe Bao Hien Ngộc Chu «Kristine Tiffany Chu William Joseph Cooke Robert Joseph Covert Kimberly Ann Daut Joseph Ryan Manzo Delfin Maria Elena Diaz *Cindy Ding Sarah Jessamine Dixon Shakia Danielle Dorsey Linda Nonve Eligwe Heba Ali Farag Sophia Feikert David Adam Freed Michael Carey Galantino Jennifer Shana Ginsberg Gwendolyn M. Gisiner Joe A. Gonga Kalpana Gopalswamy 2nd Major: Spanish Language and Literature Vikash Gupta David Michael Haberman

Arash Hassantoufight Jessica Elizabeth Hazelton Farid Hedavati Katie L. Heiser James Emmett Henry Parsa Hosseim Nicholas Michel Houde Chisom P. Ibebuchi Dylan Thomas Irion Jan Alberto Kaczmarczyk Jacob Morgan Kames Leanna Mee Kelly Sraddha Khanal Rama Tony Khoury Andrew S. Kim Rena Kim Susana Yvonne Korolevich Iclal Hilal Koyuncu Anisha Vijay Kunnath Jonathan Peiyu Kuo Anna My Le Kang Hoon Lee Jeffrey Li Rui Ma 2nd Degree: Finance Gabriel Ryan Mankovich 2nd Degree: Computer Science Bruce Lynn Martin, Jr. Maxine Amber Norcross Christos Ntanas Sung Hwan O Adekunle Raheem Oki, Jr. Mikhail Panyutin 2nd Degree: Finance Rashmin Navinchandra Patel Olga Eva Peterfalvy Hau Ho Phan Kelsey Elaine Phelps Yuval Pinto Janaki Purushe Alexander Kavon Rahimi

Roshan Nilantha Randeniya Alberth Rodriguez Benjamin Alfred Salah Gamyat Adermola Salami Avobanndele S. Sahmon Elizabeth Santos Kimberly Renee Satterfield Ryan Bausch Schimidt Lydia Seifu Hirity Shimellis 2nd Degree: Women's Studies Jenny C. Shinn Taha Dina Shuider Minhee Song Nirali D. Som Sherri-Ann Mary Stewart Tanzi Zh Strafford Eric Alan Swett Farhan Ali Sved Sangnyui Tam Amber Jean Tietgens 2nd Major: Dance Vy Bao Tran Theresa Twumasi-Ankrah Catherine Akiko Uchmo 2nd Degree: Art History Angela Darlene Williams Glendon S. Wu Borui (Cassie) Zhang

Chemistry

*Tamara A. Aghamolla Fharzana Iman Bettma E. B. Jensen Damel Eup Fu Moy Lew Thu Lan Thi Luong Christopher Garland Roberts *Fanny Widjaja Stephen Anthony Wieronicy Environmental Science and Policy Robert Kris Burnett, Jr. Aiko Shimizu Nicholas Paul Van Gorden

Microbiology Oladmien Oluwadare Abegunrin

College of Computer, Mathematical and Physical Sciences

Bachelor of Science

Astronomy Noam Solomon Reisner 2nd Major: Physics

Computer Science

Jung Ho Bae David Jonathan Blau Steven Gregory Buberl Guangyu Guy Cao Robert Steven Caudill, Jr. Veysel Cetmer In Woong Chun Walter David Johnson Destler 2nd Degree: Theatre Carolyn Gail Eby Adesh Pramod Francis Daniel Freedman Scott Edward Gearhart Lawrence John Gilham Kenneth Eugene Grauel Fiffany Delia Gray Alexander Nelson Gretsinger Bernard Edward Hackett III Ioon S. Hong. Steven Andrew Horvitz

Banng Hu 2nd Degree: Economics 2nd Major: Mathematics Tilak Joshi 2nd Degree: Finance Patrick J. Kessler Gregory Kenneth Kraft 2nd Major. Anthropology Anthony Michael Lazzaro Dave Kumar Malhotra Gabriel Ryan Mankovich 2nd Degree: Biological Sciences Fan Meng Minh Thanh Nguyen Andrew Timothy Parrish 2nd Degree: Mathematics Amer Jameel Ramamm Jacob Barrett Reed Rachael Rebecca Richardson 2nd Degree: Lungnistics Damel Leon Slaughter Raymond Ndiebnso Takor Timophey E. Zaitsev

Environmental Science and Policy Christine Horngjen Eiu

Geology

Peter Damian Streker 2nd Major: Secondary Education-Science

Mathematics

Stephanie Christina Baynes John Robert Bressler 2nd Major: Computer Science Marie Chau 2nd Degree: Finance Stuart Adam Fox

Katherine Elizabeth Hart 2nd Degree: French Language and Literature Christopher Bryan Hurst Wendy Alicia Kelley Hyo-Kyoung Kim Joon Sung Kim Ryan Monroe Kitts Jeremy Tarun Kraeuter Stephanie A. Lawrence 2nd Degree: Economics William Lee 2nd Major: Economics Ming Yan Lui Cory Mass Aagosh Narain Mathur Erika Oshiro 2nd Major: Philosophy Priti Pamnani Andrew Timothy Parrish 2nd Degree: Computer Science Elon Reed Plotkin Justin Michael Serota Mya Jo Thaxton Erik Twombly sSara Kathryn Wade 2nd Major: Economics Mary Ann Wall

Physical Sciences

Peter Igoche Agada Ato Aidoo Osaze Inyeseh Ihator Anish Khatri Juha M. Lawless Jeanette Antonieta Paucar David Pierce Shutak

Physics

Elhott Carson Bradshaw Christina Marie Ferrari Massimihano Ferrucci 2nd Degree: Russian Language and Literature Son T. Nguyen Jacqueline Marie Owens Eshwar Pooran Ryan Richard Van Fleet Matthew Michael Vanderhoof Jessica Rae Walters

College of Education

Bachelor of Arts

Secondary Education-English Language Arts

Michael Aron Monke 2nd Major: English Language and Literature Rebecca Helene Semiatin 2nd Major: English Language and Literature

Secondary Education-Theatre and English

Charles Edward Abel

Secondary Education-Social Studies

Timothy Damian Auth 2nd Major: History Cecilia Young Hae Cho 2nd Degree: History Bryan David Clark 2nd Degree: History James Francis Gormley 2nd Major: History

Bachelor of Science

Early Childhood Education Alexandra Miriam Marzouka 2nd Degree: Family Studies

Elementary Education Elizabeth Rosander Babcock Charlene Alan Caldwell Laura Marie Coddington Jamie Marie Ferguson Bonnie Ann Galhon Jennifer Marie Lawson 2nd Degree: Family Studies Heather Mady Palmieri Lauren Elizabeth Seeley Angela Caro Tiernan Momca RaquelVasquez

Philip Merrill College of Journalism

Bachelor of Arts

Journalism

Ben Aaron Block Max Jonathan Brodsky Elana Talı Brownstein «Raquel Adonia Christie Christina Michon Cobb Pouva Dianat David Michael Duberstein Salome Eguizabal Alexander George Eubanks Graham Savre Fitts Candace Renee Greene Kristen Valerie Gunderson 2nd Degree: French Language and Literature Toby Luider Hershkowitz Robert David Higgins

Sarah Margrit Marston 2nd Degree: Studio Art Brandon Tucker Metheny †Jessica Ann Milcetich Sara Elizabeth Murray Ajoke Oyegunle Madeline Christine Pinckert Erica Yuying Poon Kevin McKeown Rector Marc Henry Shapiro Connor Adams Sheets Brandon Thomas Weigel †Dawn Cherie White Michael David Wish

School of Public Health

Bachelor of Science

Community Health

Aishah Nabhan Babaa Barbara Anne Banchero *Elizabeth Custodio Bowery 2nd Degree: Geography Hawa Camara Hilton Cermeno Nicole Monica Chaffin Candice Olivia Coleman Thomas Bartholomew Conrov Lynmarie I. Figert Tamala Gondwe Patricia Isabel Granados Victoria Natalea Ann Magdolena Guenther Renee Nicole Houser Meredith Kate Jenkins «Krista Kay Johnson Ilana Tamar Kafka Mackenzie Kaplan Mallory Dene Lewis Megan Elizabeth Lhotsky

Sukhna Matharu Neda Petrova Mihneva Ashley Renee Morant Linda Moraa Nyanchoka Claudine Roxanne Oakley Rachel Renee Pranschke Susan Tatiana Riley Marisa Caterina Sambataro Emily Lauren Sharpe Madhu Shrestha Mary Therese Smith Julie Michele Stoll

Family Studies

Thomas Cicero Alford 2nd Degree: African American Studies Daisha Marie Amos Akua Y. Ansong Deborah Marlene Avila Lance Alfred Ball Alia Marvam Bev Jason Michael Blanken Subrina Victoria Bradlev Elame Chang Carev Brett Cherner Reginald Colbert Rachel Arielle Dack Cecelia D. Dennis Regina Elizabeth Gruner Raquel Ann Henry Vy T. Hoang Samuel Alexander Howden Christina Maria Jackson Monique LaShawn Johnson Jamal Karimi Ashly R. Kennedy Shannon Elizabeth King Marvine Lorvn Lancaster Nicholas Anthony Laubach

#Jennifer Marie Lawson 2nd Degree: Elementary Education Michael Charles Lieberman Alexandra Miriam Marzouka 2nd Degree. Early Childhood Education Sara Louise Misorek Meagan Elizabeth Montgomery Darby Michelle Moore Marchondray James Moore Mary Janet Patricia Murphy Sae Mee Nah Ashley Lucille Parker Krista Marie Pellizzi Rebecca Ann Phelps Alexa Suzanne Pilchtchikov Tiffany Ann Reed Ashley Maria Smith Julian Kyle Smith Jessica Marie Stickell Heather Michelle Tidman Nicole A. Wallace Andrew Ray Weatherly Lanika Roshae Womack

Kinesiological Science

Anthony Allen Absalon Olugbenga Oluyemisi Akingbe *Sarah Marie Anderson «Michael Joseph Auriemma Lisa Diane Avery Adam Robert Babits Timothy Russell Baker Edward Baum Elizabeth Christine Bellamy Kendra Blatzheim Christopher D. Bocus James Watson Borell III Nyome O. Bright Erin Anne Cashen Timothy Joseph Cesa

Brian Patrick Connors Gina Michelle Dal'Molin Cattlin Allison Falls Natalie Jacqueline Ferdinand Kelly Denise Flanagan Kevin Michael Ford Sherlene Lashae Fox Christopher Michael Glynn Megan Kathleen Gregory Thomas Glenn Hamblin Nahketah Louise Hamilton Steven P. Hering Ionathan Michael Isen Lutfah Issah David Abrahm Jacovsky Kevin J. Johnson Kimberly Michelle Kalapos Zachary Aaron Kaplan Hee Young Kim Andre Patrick Lane Jr., Jr. Jason Gete Lee Leah I. Maher Astrid March Kate Elizabeth Mazerski Kevin B. McCollister Erin Ashley McMillon Paris Ashley Miller Nicole Michele Nespor Max Andrew Nickey *Megan Anne O'Connell fill Ogues Edosa Nathaniel Osadiave Martha Panselinos Ms. Christopher Aaron Parker Neepa Dinesh Patel Benjamin Matthew Pierce Kristen Dana Potts Egan Sarah Pratt Sophia Danita Reid Paula Reis Chanelle Rogers

Pim Saeung Aslan Sainghani Kevin Matthew Saylor Kari Lynn Scott Tiambi Rebecca Simms Frederick Zachary Streckewald †Sarah Kathryn Tabia Melame Denise Watson Erin McClain Woolever Adam Joseph Young

Robert H. Smith School of Business

Bachelor of Science

Accounting

Nancy A, Amini Samantha Kim Bement Michael James Bisson Gregory S. Boone Tingting Chen 2nd Degree: Finance Matthew Ming Chin Sheenee Elisha Cotton 2nd Degree: General Business Lauren Vera-Crow Michael Joseph Czan Michael Stanley Dodd Manish K. Dureja Steven Barrett Ellinger 2nd Degree: Finance Candacy Marcie-Ann Fraser **†**Yvonne Fricke Ilana Ruth Fried **†Rachel Beth Fried** Lindsey Eagan Gillenwater 2nd Degree: Finance Joshua Saul Goldman Marjan Hatanu-Far Emma Virginia Johnson

2nd Degree: Finance Matthew Sam Kiang 2nd Degree: Finance *Christopher John Kishel 2nd Degree: Finance Brandon Andrew Kleeman 2nd Major: Finance †Christine Sunha Kye 2nd Degree: Finance Grace Lau Jennifer Chaukwan Lee 2nd Degree: Finance Rachel Emily Liberati 2nd Degree: Marketing Stephen Paul Lippenholz Tracie Lopez 2nd Degree: French Language and Literature sAlı Ostadali Makhmalbaf 2nd Degree: Finance John Patrick McMullen 2nd Degree: Finance Catlin Hunt Migliorini 2nd Degree: Finance Anthony M. Musungwa Jamik H. Pateł 2nd Degree: Finance Nalmi Lakshmi Persaud 2nd Degree: General Business Ghislaine Celine Quenum Raafat Ahmed Raafat Kristin Blair Rasmussen Drew Harris Rosen Alexandra Lee Schmidt Surva Shivakumar 2nd Degree: Finance Nicholas Nadav Singer Samantha Spino Robert Edmund Surmacz

Michael Edward Katz

Benjamin Cohen Tavlor 2nd Degree: Legistus, Transportation and Supply Chain Management Ashley Mae Walz 2nd Major: Operations Management Arzo Yaftah Mahilet Wehibe Yilma

Finance

†Patrick Saguros Agustin 2nd Maror: International Business Pouva Alimorad 2nd Mator: Economics Mare Bryan Anolik Max Joel Bergen Simon Blekhman 2nd Mator: Economics Anthony Bradlee Bohno Gadi Briskman 2nd Mator: International Business James Paul Caolo 2nd Mater: Economics Marie Chau 2nd Degree, Mathematics Tingting Chen 2nd Degrees Accounting "Mary Ling Chiu Kyoung Eun Choi Shovana Nafiz Chowdhury 2nd Degree, International Business LeShandra Bianca Curtis Chukwuemeka Obi Egekeze Steven Barrett Ellinger 2nd Degree: Accounting Paul Philippe Frere 2nd Mafor: International Business Lindsev Eagan Gillenwater 2nd Degree: Accounting Jennifer S. Goldstein

Erm Dawn Gottleib 2nd Mater Criminology and Criminal Justice Isha Gupta 2nd Materi Operations Management Matthew Patrick Hall 2nd Degree: Logistics, Transportation and Supply Claim Management Brendari Joseph Hart 2nd Marer, International Business L: Hou 2nd Mator, Logistics, Transportation. and Supply Chain Management. Teresa Huriz Waleed Nathaniel Hypolite Richard Harold Johnson Tilak Joshi 2nd Degree: Commuter Stance Ilia Karas 2nd Mater Information Systems †Matthew Jason Karp 2nd Marer: International Business Michael Edward Katz 2nd Degree Accounting Matthew Sam Kiang 2nd Degree Accounting Moon Jae Kim 2nd Mator: Economics Stephen Williams King *Christopher John Kishel 2nd Degree Accounting Sen Deborah Kocer 2nd Mayor, International Business †Christine Sunha Kve 2nd Degrees Accounting Jennifer Chaukwan Lee 2nd Degree Accounting Gary R. Levine. 2nd Mater Legistics, Transportation. and Sterris Chapt Management

†Daniel Benjamin Levy Vinh Dieu Luu Rut Ma 2nd Degree: Biological Sciences Alı Ostadalı Makhmalbar 2nd Degree Accounting Michael David Marshall John Patrick McMullen 2nd Degrees Accounting Cathin Hunt Mighorini 2nd Degrees Accounting Joseph Alfredo Navarro 2nd Mater: Economics Mathew Paul Nelker Marlon Nkomesha Nsofu Kevi Christiana Oborokumo Mikhail Panyutin 2nd Degree, Biological Sciences. Jamik H. Patel 2nd Degree Accounting «Zone Zhong Peng 2nd Mator: Marketing Kathryn Marie Phillips 2nd Degrees Japanese Ari Rosenberg Surva Shiyakumar 2nd Degree Accounting Benjamin Ross Shoster Neelmani Singh 2nd Mater Logistics, Transportation and Supply Chain Management. Metta-Alem Bitew Sinishaw Benjamin I. Solof Davina Tsao 2nd Degree Government and Politics Anne Michelle Turro Allen Quoc Vuong Barry Vuotie 2nd Mater International Business Teddy T Weng

Kevin Lawrence Wieciech
 Albert Jong-Ting Yeh
 2nd Major: Logistics, Transportation
 and Supply Chain Management
 King Yip
 2nd Major: International Business

General Business

Sheenee Elisha Cotton 2nd Degree: Accounting Alexandra C. Eaton Matthew Scott Goldberg Adam Paul Goldstein Sohl Tina Han Patrice Marie Leshe Kara Elise Marston David Edward Mulock Christine Marie Murphy Candace Marie O'Donnell Nalini Lakshini Persaud 2nd Degrees Accounting Joshua Maxwell Rome Courtney Lauren Thomas Jerad Anthony Villecco

Information Systems

Abdul Basit Jason Woo-Sik Chong Beau Lowe Parrish IV Alena Pokrashevskaya

International Business

Monifa Safiya Browne
2nd Major: Spanish Language and Literature
Shovana Nafiz Chowdhury
2nd Degree: Finance
Scandia Adriana DiSaverio
2nd Major: Logistics, Transportation and Supply Chain Management Allen Beomsoo Kim 2nd Major: Economics Moon Gyu Lee Yvette Markarian Kathryn Marie Phillips 2nd Degree: Japanese Fatim Seck Dina Shevtsova Rachel Cara Soronson 2nd Degree: Legistics, Transportation and Supply Chain Management Cynthia Ashleigh West Elizabeth Anne Wilhelm

Logistics, Transportation and Supply Chain Management

Adam Joshua Gross 2nd Major: International Business Matthew Patrick Hall 2nd Degree: Finance Megan Elizabeth Hart Faiza A. Khalil Alexander Matov 2nd Major: Operations Management Shafer Warren Mmnick Rachel Cara Soronson 2nd Degree: International Business David Jacob Stadler Benjamin Cohen Taylor 2nd Degree: Accounting Jonathan Nichols Ulrich 2nd Degree: Marketing Ena Marieke Van den Berg 2nd Degree: Marketing

Marketing

Clara Abdurazak Alexander Matthew Baddock 2nd Major: Logistics, Tiansportation and Supply Chain Management



Emily Martin Barrett 2nd Major: Logistics, Transportation and Supply Chain Management Candice Rose Caldarella Anna Chih-Chien Chou 2nd Major: International Business Sean Patrick Coleman Sarah Elizabeth Cullison 2nd Major: Accounting Shireen Maria D'Souza Clarence Dang Christina Michelle DeVaughn Mark Robert Ellis Nahla Moustafa Elsayed 2nd Degree: Studio Art Pedram Farsaii *Allison Elizabeth Feelemyer 2nd Major: Logistics, Transportation and Supply Chain Management Jason Brian Float Karina Gold Jane Jee 2nd Major: Logistics, Transportation and Supply Chain Management Seetha Kartholy Aliza Khalil 2nd Major: Logistics, Transportation and Supply Chain Management Soo Mi Kim Amy Rebecca Knell 2nd Major: Psychology Megan Cheryl Krefting 2nd Degree: Art History Patty S. Lee Yevgeniy Leshchinskiy 2nd Major: International Business Rachel Emily Liberati 2nd Degree: Accounting

Robert Llano

2nd Major: Logistics, Transportation and Supply Chain Management Robert A. Lopata Seth William Lueck 2nd Major: Psychology Shivalı Madan Zachary Julian Maggin Jennifer Yin Ching Mao Christopher Michael O'Brien Jeffrey David Oldham Abiemwense Doreen Onaghise Samuel Lawrence Orgel Erica Anne Rabbin Nick Resnick Melissa Anne Ryan Eduardo Andres Salazar 2nd Major: International Business Jeffrev Scotti Schroeder Deborah Joy Scibek 2nd Major: Logistics, Transportation and Supply Chain Management Karis Janel Stewart Jennifer Heather Suit 2nd Major: Logistics, Transportation and Supply Chain Management Jonathan Nichols Ulrich 2nd Degree: Logistics, Transportation and Supply Chain Management Ena Marieke Van den Berg 2nd Degree: Logistics, Transportation and Supply Chain Management Lee Van Ginkel 2nd Major: Information Systems lacinto J. Vargas Andreas Maik Oliver Zimmer 2nd Major: International Business

Operations Management

Phillip Evan Chalker David Van Hoang Steven Yu

Undergraduate Studies

Bachelor of Arts

Individual Studies

Emily Suzanne Firestone Katherine Lynn Garvin Kelly §Kurt Jonathan Pfund 2nd Degree: German Langnage and Literature Brian Scott Popowitz Sadia R. Siddiqi

Bachelor of Science

Individual Studies Brian Matthew Corcoran

Candidates for Certificates

African American Studies Derek Ronald Bolden Vivian Patrice Esquerre Alexandra Franceska Tyson 52Keffy Nicole Wallace

Asian American Studies Caleb Chih-Ping Lee

East Asian Studies Ata Marte Del Gaudio

Women's Studies

Dawn White Vera Yakovchenko Emily Heather Villarruel Allison McFadden Rebecca Phelps Nicole Resuck



The December 2007 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 only. The university reserves the right to withdraw or add names. Diplomas (for other than doctoral degrees) will be mailed by the Office of Records and Registration.

achelor'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, pages 28–32 and 49–63.

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 degreegranting unit.

Departmental Honors

August

With Honors in

Aerospace Engineering David Daniel Bilhingsley

Computer Science Daozheng Chen

Education Sara M. Chung

Government and Politics Devin Hayes Ellis

Mechanical Engineering Jennifer Jean Lamos Melissa Anne Moore

Psychology Jesse David Fox Jaclyn Nicole McCallister

December

With High Honors in

Kinesiology Michael Joseph Auriemma

Mathematics Andrew Timothy Parrish

Spanish and Portuguese Nimena V. Rojas

With Honors in

Business Christine Sunha Kye Daniel Benjamin Levy Vinh Dieu Luu

Economics Nicholas Caleb Henderson Kathleen Lynn Miller

Education Shannon Christine Reed

Electrical Engineering Harneet Singh Khurana

Engineering Cecilia Sunyong Kye Thomas Bernard Wild

Mechanical Engineering Cyrus Abdollahi Dawn Marie Abell Mohamad Gabriel Affandy Kenneth Lawrence Anderson Laert Dounis Karen Ann Guralnick Joseph Patrick Kelleher Ceciha Sunyong Kye Chang Hyun Lee Mohamed A. Nafatni Tim Dwire Smith Matthew Wilson Strawbridge Juan Camilo Suarez Steven James Trombetta

Psychology Joseph Harvey Wakeman-Linn

he University of Maryland strives to provide students with the best educational experience imaginable. Providing a wide range of enrichment and living-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, community building in a diverse society, scholarship and community service learning. Associates will be wearing a silver medallion on a blue ribbon.

Hinman CEOs

Himman CEOs, the nation's first living-learning entrepreneurship program, is a citation program placing entrepreneurially minded students from all academic disciplines in a unique community to explore new ventures. Himman CEOs will be wearing a gold medallion on a red ribbon.

College Park Scholars

College Park Scholars is a community of 12 special living-learning programs for academically talented firstand second-year students. Graduating seniors receive an academic citation. Scholars will be recognized with a medallion on a gold ribbon.

Global Communities

Global Communities is an international community under the auspices of the Office of International Programs. Students earn a transcription notation of Global Competency through scholarship in the areas of intercultural communication, global issues and international research or service learning. Members will be wearing a gold medallion on a light blue 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 will be wearing red braids on their robes. University Honors University Honors students, which hail from all majors, earn their citation upon completion of 16 Honors credits. Students help design their curriculum, selecting from a broad array of interdisciplinary seminars and Honors-version courses. Graduates will be recognized with red and gold cords.

University Honors Citations

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

December and August

Thomas Buchanan Baummer John Robert Bressler Timothy Patrick Burke Roshni Caputo-Nimbark Chinmayi Chandrasekhara Raquel Adonia Christie Kristine Tiffany Chu Heidi E. Clifton Sheenee Elisha Cotton Johnathan Stuart Coursey Walter Destler Grace Elizabeth Duke Walter Ethan Eagle Lesbia Salome Eguizabal Pedram Mohamad Farsaii Kiri Lee Feldman Megan Michelle Forbes Stuart Adam Fox Rachel Beth Fried Aaron Eli Galvin Stephanie Kate Haas Mark Kevin Hall Matthew Patrick Hall Aydin Haririma Megan Elizabeth Hart Caithn Marie Hopping Nicholas Michel Houde Leanna Mee Kelly Olivia Grace Kelly Jane Hak Kim



CIVICUS

Adam Braskich Thomas Curtin Natasha Glotnis Andres Jose Heiney-Gonzalez Matthew Karp J. Burke Miller Erica Rabbin Michael Wish

College Park Scholars

August

Colin Gerard Agatisa-Boyle Ionathan Richard Aicher Nicole Cecilia Marie Breslin-Romano Robin Nicole Chambers William Matthew Currence Sana M. Din Elizabeth Rosamond Foley Christine Marie Gavin Morris Keith Gentles David S. Ghonem Katherine Denisse Giron Alexandra R. Gonzalez Grant Laurence Goodman Kenneth Joseph Greco Hina Hameed Claire Marie Hanson Sean Thomas Hart Eric Lamar Hines Courtney Anna Hinton Jennifer Meghan Guzman Hosey Jennifer Jean Lamos Alexander Geoffrey Lessin Amelia Caroline Louise Mackenzie Sukhmani Matharu Nicholas Scott Merson

Jacques Alexander Nakkash Madhavi Patel Jacob R. Perler Gabriela Ivania Ramirez Karen Elyse Salerm Nicole Paige Schreibstein Matthew Albert Silverman Jennifer Kangmi Suh Shawn Christopher Williams

December

Andres Eduardo Abello Tamara A. Aghamolla Marc Bryan Anolik Michael Paul Bednarczyk Kenneth D. Beverle Sanjay Bhat Simon Blekhman Ben Aaron Block Candice Rose Caldarella Andrea Graciela Calderon Rachael Alison Caruso Philhp Evan Chalker Mary Ling Chiu Anna Chih-Chien Chou Christina Michon Cobb Megan J. E. Connolly Nicole Danielle Corse Kimberly Ann Daut Juan Andres De La Cruz III Aja Marie Del Gaudio Inaqui Raynaud Delgado Scandia Adriana DiSaverio Sarah Jessamine Dixon James Ernest Edwards III Steven Barrett Ellinger **Elvse Anne Evans** Emily Suzanne Firestone llana Ruth Fried Clinton James Gill



Jennifer Shana Ginsberg Joshua Saul Goldman Jennifer S. Goldstein Kalpana Gopalswamy Candace Renee Greene Megan Kathleen Gregory Margaret Julia Grubman Kristen Valerie Gunderson Isha Gupta Jessica Elizabeth Hazelton Catherine Helen Miran Herzog Jason Adam Hess Steven Andrew Horvitz Li Hou Katrina Waiying Hsen Dylan Thomas Irion Susanna Maria Jabine Adrienne Veronica Johnson Candace Amanda Johnson Christopher Russell Kaplan Elisabeth Claire Kassan Michael Edward Katz Anna Kim Brandon Andrew Kleeman Megan Cheryl Krefting Jennifer Robin Kulik Rishi Kumar Eva Lynn Kwong Gary R. Levine Daniel Benjamin Levy Jeffrey Li Rachel Davidson Ludwig Rui Ma Benjamin Abram Margolis Sarah Margrit Marston Michael Todd Martin Erm Nicole Marx Sukhna Matharu Aagosh Narain Mathur Allison Maria McFadden Sarah Carley McNair Melissa-Ann Metzger Nathaniel Preston Miller Max Andrew Nickey Paulina Nusinovich Ashley Michelle Orkin Mark James Paape Mikhail Panyutin Bit-Na Park Katrina Ann Petrovich Kathryn Marie Phillips Alina Marie Piacentino

Erica Yuying Poon Alexander Kavon Rahimi Sophia Danita Reid Drew Harris Rosen Eliana Rachel Rosenblatt Jamie Diana Rowe Marisa Caterina Sambataro Alex Gabriel Santiago Christina Dolores Santiago Kimberly Renee Satterfield Alexandra Lee Schmidt Nicole Adia Schmidt Ryan Bausch Schmidt Lvdia Seifu Rebecca Helene Semiatin Surya Shivakumar Talia Dina Shuider Sean O'Brien Sinclair Rachel Cara Soronson Alexander Joseph Stein Sarah Kathryn Tabia Vy Bao Tran Paul Tung Ting Wei Jonathan Mark West Kevin Lawrence Wieciech Shaun Keith Wrightson Xiao Yang Doo Yun Yoon

Global Communities Scholars

Catherine Clarke Stefanie Cohen Joy Hodges Melanie McKay Sarah McNair Luciana Villela

Hinman CEOs

Marc Anolik Brian Hayes

Philip Merrill Presidential Scholars

Raquel Christie Rachel Elias Daniel Levy Jessica Milcetich Kathleen Miller

Mortar Board National Senior Honor Society

University Publications mistakenly did not publish names of the May 2007 graduates in last semester's book. Christina Joy Arthur Julia Bancroft Melissa Anne Boudreau

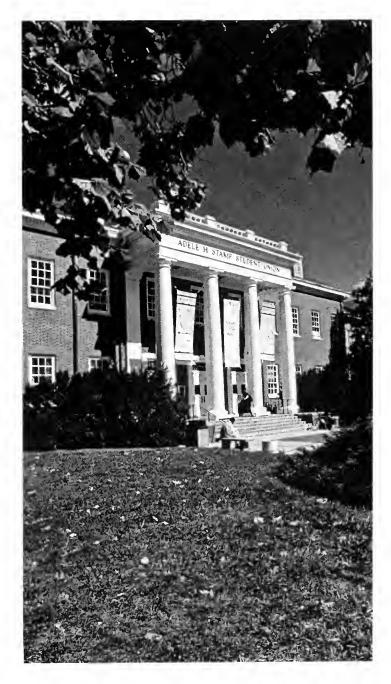
Ripneet Singh Brar Laura H. Caplan Fumiyuki Chin Jaya Suneja Das Stephen Matthew Davis, Jr. Omar El Shal Michael David Fontz Cassandra Renee Fox Donald J. Hahn Edneka LaNetta Haynes Courtney Christin Heil Steven Adam Hoffenson Melodi P. Javid Megan Elizabeth McGinnis Taryn Ashley Nicholas Shannon Leigh Nys James Edward Royer Celine Salman Sarah Ann Schramm Randi Melissa Schuster Kelsey Elizabeth Skjei Kathryn Maria Ugolini Christopher Andrew Widmer



he 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.

Tamara Aghamolla Jacquelyn Alvarez Elana Brownstein Christina Cobb Nicole Corse Frank Duda Rachel Ehas Sanaz Faradj-Bakht Sharlene Ferguson Nina Fontana Andres Garcia Johanna Godefroy Matthew Goldberg Candace Greene John Grochowski Vikash Gupta Kimberley Hall Cathn Hopping Zsuzsanna Jenev Rishi Kumar Tracie Lopez Windy Majer Elizabeth Malouf Sarah Marston James Miller Sofi Mızrachı Richard Naylor Nadia Nimley

Andrew Parrish Caruso Rachael Alexander Rahmi Erm Reddy Shaun Salmon John Shiu Alison Syring Davina Tsao Nadim van de Fhert David Weinstein Davin White Josephine Wilson



Officials

Board of Regents Chifford M. Kendall, *Chan* Orlan M. Johnson, *Uice-Chairman* James L. Shea, *Sciectary* R. Michael Gill, *Asst. Sciectary* Robert L. Pevenstein, *Treasurer* Patricia S. Florestano, *Asst. Treasurer*

Members

Barry P. Gossett Ahcia Coro Hotfinan The Hon. Francis X. Kelly, Jr. The Hon. Marvin Mandel The Hon. C. Thomas McMillen Robert L. Mitchell David H. Nevins A. Dwight Petit Thomas G. Slater Richard Scott, *Student Regent* The Hon. Roger L. Richardson, *ex officio*

University System Administration

William E. Kirwan, Chancellor Leonard R. Raley, Lice Chancellor for Advancement Irwin Goldstein, Senior Vice Chancellor for Academic Affairs Joseph E.Vivona, COO/Vice Chancellor for Administration and Finance

University of Maryland Administration

C. D. Mote, Jr., President Nariman Farvardin, Senior Fice President for Academic Affairs and Provost Melvin Bernstein, Fice President for Research Unida M. Clement, Fice President for Student Affairs Douglas M. Duncan, Fice President for Administrative Affairs Jeffrey C. Huskamp, Fice President and Chief Information Officer Broche Remington, Fice President for University Relations

Deans

Norma M. Allewell, College of Chemical and Life Sciences Judith K. Broida, Associate Provost and Dean, Office of Professional Studies Charles Caramello, Associate Provost and Dean, The Graduate School Steve Fetter, School of Public Policy Howard Frank, The Robert II. Smith School of Business Robert S. Gold, School of Public Health Stephen Halperm, College of Computer, Mathematical and Physical Sciences Donna B. Hamilton, Associate Provost and Dean, Undergraduate Studies James E Harris, College of Arts and Humanities Thomas Kunkel, Philip Merrill College of Journalism Charles B. Fowry, Libraries Edward Montgomery, College of Behavioral and Social Sciences Jennifer J. Preece, College of Information Studies Herbert Rabin, A. James Clark School of Engineering (Interim) Garth Rockcastle, School of Architecture, Planning, and Preservation Cheng-1 Wei, College of Agriculture and Natural Resources Donna L. Wiseman, College of Education (Interim)

Officers of Commencement

University Marshal Bruce R. James College of Agriculture and Natural Resources

Faculty Marshals Ellin K. Scholnick Academic Affairs

Leon H. Slaughter College of Agriculture and Natural Resources

Student Marshal William J. Higgins College of Chemical and Life Sciences

University Senate William L. Montgomery, Chair

University of Maryland College Park Foundation Board of Trustees William E. Maver, *Chan*

Executive Committee John M. Brophy The Hon. Joseph B. Gildenhorn John N. Lauer The Hon. Timothy E Maloney

Elected Trustees Robert A. Bedingfield Jane C. Brown Richard C. Brustein Waldo H. Burnside Albert P. Carey Alan C. Cason Connie Chung A. James Clark Hugh E Cole, Jr. Michael S. Dana Ruth M. Davis David C. Driskell Leonard J. Elmore Robert Facchina Emilio A. Fernandez Richard M. Finkelstein Robert E. Fischell Michael C. Gelman Alma G. Gildenhorn Lowell R. Glazer Dave Goldfarb Linda R. Gooden John I.Heise, Jr. John S. Hendricks

Emeritus Trustee Shirley Phillips Margaret Scott Schiff Craig A. Thompson Mark G. Turner

Wayne T. Hockmeyer Phillip H. Horvitz S. Bruce Jaffe Raymond G. LaPlaca Deborah B. Lawrence Neil Moskowitz Paul J. Norris John R. Nyland Yagyensha "Buno" Pati Jane Cahill Pfeiffer Robert P. Pincus Kevin A. Plank Marilyn Berman Pollans Deborah I. Potter Nicholas A. Samios Harvey L. Sanders Thomas H. Scholl Michelle Smith Edward A: St.John, Jr. The Hon. Joseph D. Tydings Pedro E. Wasmer Robert A. Yellowlees Erik B. Young, M.D.

Honorary Trustees Jack Kay Jehan Sadat Alfred H. Smith, Jr.

Robert H. Smith Leo Van Munching, Jr.

Commencement Committee

Kathy Angeletti, College of Education Diane Barlow, College of Information Studies Carlotta Botvin, Catering Carl Boyill, School of Architecture, Planning, and Preservation Lisa Bradley, College of Chemical and Life Sciences Monette Austin Bailey, University Publications Ernest Cartledge, Diploma Office Rosetta Clay, Robert H. Smith School of Business Ritzie Coleman, College of Computer, Mathematical and Physical Sciences Jams Cornell-DeMoss, College of Education Maureen David, Special Events Jessica Davies, Special Events Megan Dillard, Memorial Chapel John Doerr, College of Agriculture and Natural Resources Laura Dyer, Public Safety Sandra Dykes, Facilities Management Kirsten Fox, Senior Council Lisa Geraghty, Facilities Management William J. Higgins, Student Marshal Brian Horick, Robert H. Smith School of Business Leah Howell, Individual Studies Bruce James, University Marshal Cassandra Jones, College of Information Studies Dona Morgan, College of Behavioral and Social Sciences Patrick Perfetto, Conference and Visitor Services Bill Powers, School of Public Policy Teresa Prince, A. James Clark School of Engineering Frank Quine, Philip Merrill College of Journalism Kyle Rudgers, Chaice Smith Performing Arts Center Kelly Terrill, Stamp Student Union Alan Sactor, Environmental Safety Ellin Scholmck, Faculty Marshal Matt Sheehan, Philip Merrill College of Journalism Adam Shervaman, School of Public Health

Carol Shreeve, Facilities Management Leon Slaughter, Faculty Marshal Charles Stubbs, Facilities Management Janice Summons, Department of Transportation Services Brooke Supple, Senior Council . Dan Symonds, Diploma Office Anita Taylor, Department of Transportation Services Harry Teabout, Facilities Management Ellen Ternes, University Communications Tima Thorburn, Health Center Larry Volz, Public Saféty Donna Walther, College of Agriculture and Natural Resources Sheron Williams, A. James Clark School of Engineering Scott Wolpert, Individual Studies Beth Workman, College of Behavioral and Social Sciences

Department of Facilities Management's Building and Landscape Services Office of General Services/Special Services Staff

Responsible for Setting Up Commencement Sites

Sandra Dykes Latry Garner Lisa Geraghty Larry Jefferson Sherrell Purnell Thomas Saunders Carol Shreeve Charles Stubbs

Other Facilities Management Units responsible for commencement preparationsAthletic FacilitiesHousekeeping ServicesArea MaintenanceLandscape ServicesCarpentry ShopPaint ShopElectric ShopSign ShopFloor ShopElectric Shop



Corer Design: Catherme Nichols Managing Editor: Monette Austin Bailey Photography: John T. Consoli, Mike Morgan and Jeremy Green Production: Katherine Davis, Cassandra Wilson and Rhonda Fonte

With heartfelt thanks to Terri Marcos and Helena Simpson, Diploma Office; Dianne Barrett, Debbie Jenkins and Debbie Pruett, Office of the Registrar; and Lynne Hamilton, Enrollment Services Operations.

Commencement produced by Office of Special Events Book produced by University Publications Division of University Relations December 2007



MARYLAND